

Appendix 4

Biophysical Strategic Agricultural Land Assessment

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TOMINGLEY

GOLD OPERATIONS PTY LTD

(A wholly owned subsidiary of Alkane Resources Ltd)

ABN 53 149 040 371



Tomingley Gold Extension Project

The background image shows a wide, flat landscape with sparse green grass and scattered trees under a cloudy sky. A tall, thin metal pole stands on the left side of the frame.

BSAL Assessment

The background image shows a large, mature tree with a thick trunk and dense foliage in the foreground. The ground is covered with dry, yellowish grass. In the distance, there are more trees and a blue sky with light clouds.

Prepared by
SUSTAINABLE SOILS MANAGEMENT PTY LTD

August, 2021



BSAL ASSESSMENT

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August 2021

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EXECUTIVE SUMMARY

Tomingley Gold Operations plan to develop the Tomingley Gold Extension Project (TGE), which is an 880 ha southward extension of the existing Tomingley Gold Operations Mine Site to encompass the San Antonio and Roswell prospects.

This report provides supporting information for an application for a “Gateway Certificate” as specified in Clause 50A of the Environmental Planning and Assessment Regulations (2000).

In this report the proposed Mine Site is described as the Gateway Certificate Application Area. The Gateway Certificate Application Area and a 100 m buffer except in existing Mine Leases (130 ha) is described as the 1,010 ha Biophysical Strategic Agricultural Land (BSAL) Assessment Area. Soil and land in BSAL Assessments Area was assessed against the “Interim Protocol for Site Verification and Mapping of Biophysical Strategic Agricultural Land” (OEH and OASFS, 2013).

In the first step of BSAL assessment, rainfall records from Peak Hill Post Office (BOM Station 050031) showed that annual rain exceeded 350 mm in 116 of 128 years from 1891 to 2018 (9.06 years out of 10). This is classified as reliable rainfall and triggered the requirement of a soil survey.

The soil survey was conducted by accredited soil scientists Dr Robert Banks of SoilFutures and Dr Pat Hulme of Sustainable Soil Management (SSM). Both Dr Banks and Dr Hulme are Certified Professional Soil Scientists (CPSS) with PhDs in Soil Science.

The soil assessment was based on; detailed descriptions of soil properties at 45 sites which were supported by observations at 9 exclusion sites, a DualEM21HS survey, a review of publicly available regolith, soil, geology and land shape data and correlations between landscape, vegetation and soil properties observed in the field.

The soil assessment mapped the Gateway Certificate Application Area as 3 major Soil Mapping Units and a small Disturbed soil map unit. Soil properties were:

- **Chromosol** BSAL map unit covering 385 ha that was mapped predominantly in the southern half of the BSAL Assessment Area, but included 2 small patches in the northern half. This unit was characterised by deep, red, non-saline, non-sodic soil with loam topsoil over clay subsoil.
- **Gilgai** non-BSAL map unit covering 306 ha predominantly north of the centre of the BSAL Assessment Area. This unit was characterised by saline, sodic, poorly drained clay soil with deep gilgai.
- **Sodosol** non-BSAL map unit covering 306 ha that was predominantly in the north and central east of the BSAL Assessment Area. The Sodosol had loam topsoil over clayey subsoil which has low salinity, but was sodic. The sodic subsoil was associated with poor drainage.
- **Disturbed** non-BSAL map unit covering 13 ha near the northern extremity of the BSAL Assessment Area.

In summary, 373 ha or 38% of the BSAL Assessment Area satisfies the BSAL criteria.

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1. INTRODUCTION

1.1. Scope

Tomingley Gold Operations Pty Ltd (“the Proponent”, ABN 53 149 040 371), a 100% wholly owned subsidiary of Alkane Resources Ltd (Alkane), is seeking approval for the Tomingley Gold Extension Project (“the Project”). The Project involves extending the boundary of the existing Tomingley Gold Operations Mine Site (TGO Mine Site) to allow expansion of the mine to permit mining of the San Antonio and Roswell prospects, located approximately 4 km south of Tomingley in the Central West of NSW (Figure 1.1).

The Project is classified as a State Significant Development (SSD) in accordance with Clause 5(1)(c) (mining) of Schedule 1 of State Environmental Planning Policy (State and Regional Development) 2011 (State and Regional Development SEPP) because the Capital Investment Value would be more than \$30 million.

As the Project is a mining development within the meaning of Part 4AA of the State Environmental Planning Policy (Mining, Petroleum and Extractive Industries) 2007, Clause 50A of the Environmental Planning and Assessment Regulation 2000 requires that the development application be accompanied by either:

- a “Gateway Certificate”, where the development occurs on land which meets the requirements of Biophysical Strategic Agricultural Land (BSAL); or
- a “Site Verification Certificate” that certifies that the land on which the proposed development is to be carried out is not Biophysical Strategic Agricultural Land.

The Proponent is seeking a Gateway Certificate for the land over which the new Mining Lease will be required for the Project (“the Gateway Certificate Application Area”) and a 100 m buffer, as illustrated in Figure 1.2. Collectively, the Gateway Certificate Application Area and the 100m buffer are referred to as the BSAL Assessment Area.

As such, this report has been prepared to support an application for a Gateway Certificate to the Department of Planning Infrastructure and Environment (DPIE) and has been prepared in accordance with the requirements of the Interim Protocol for Site Verification and Mapping of Biophysical Strategic Agricultural Land (OEH & OASFS, 2013).

The Proponent commissioned SSM to conduct an on-site soil survey within an area incorporating the BSAL Assessment Area. SSM engaged SoilFutures Consulting Pty Ltd to conduct a Biophysical Strategic Agricultural Land (BSAL) assessment within the BSAL Assessment Area.

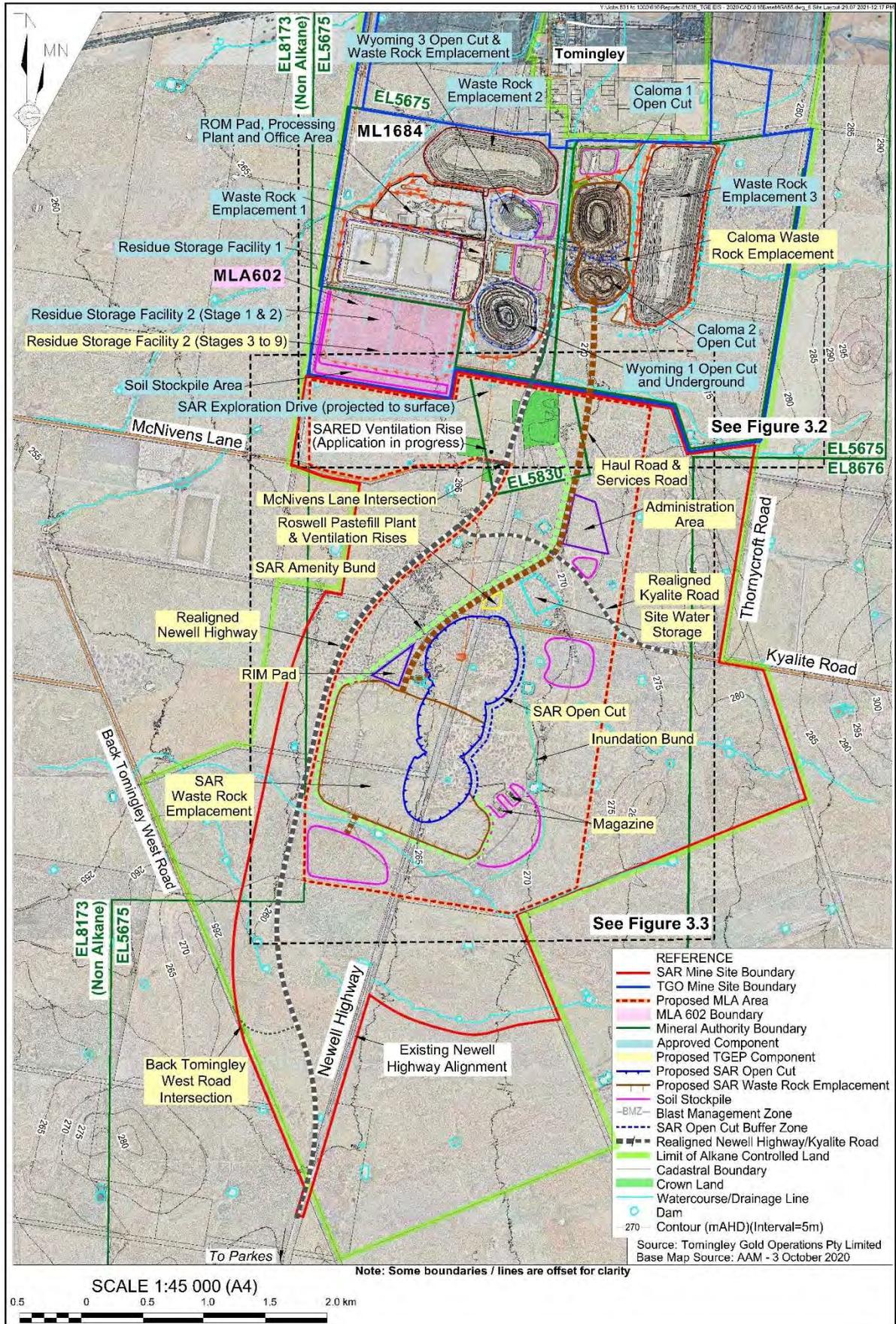
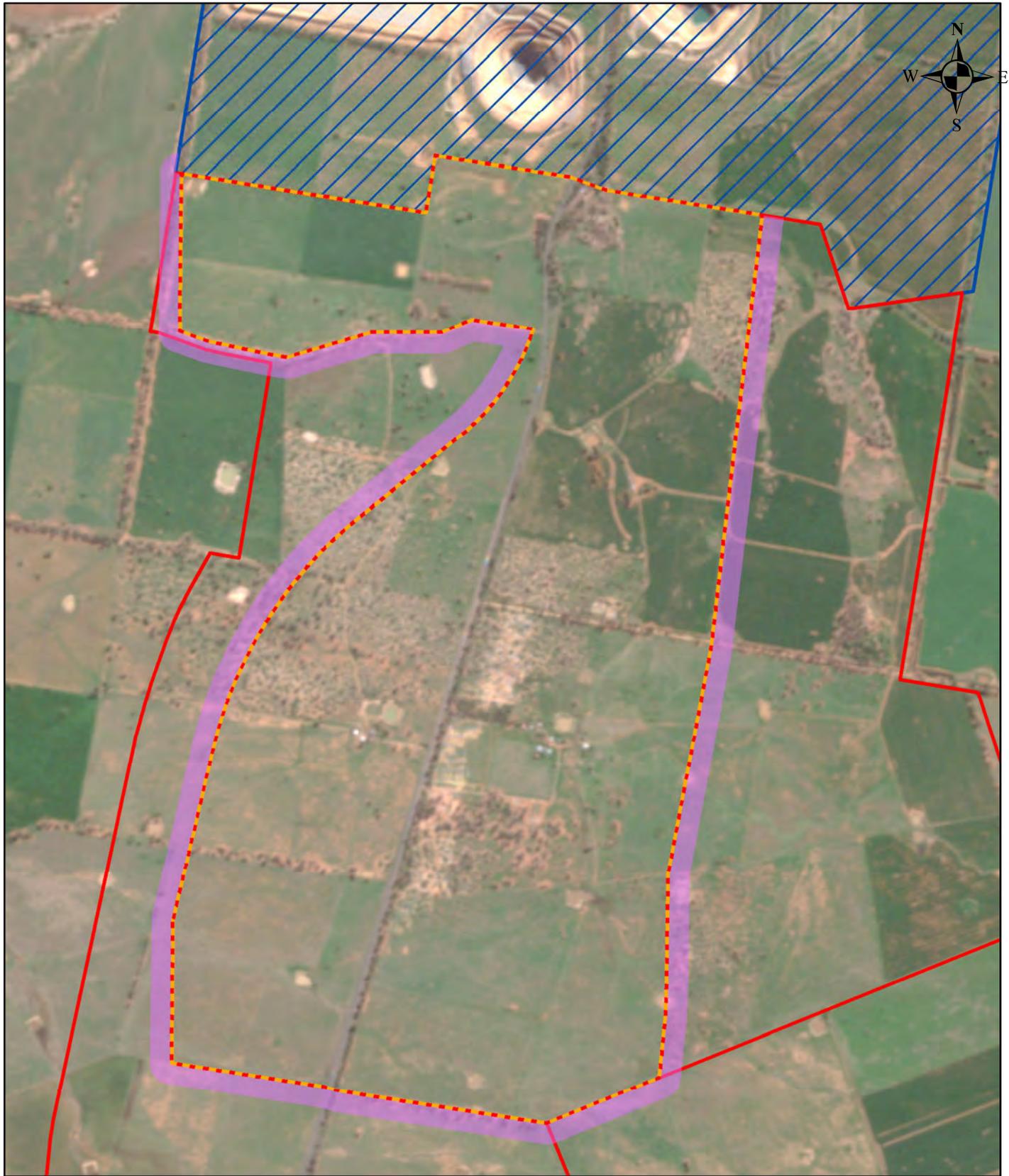


Figure 1.1. Indicative project site layout



Legend

- BSAL Assessment**
-  Gateway Certificate Application Area
 -  100 m buffer

- MineSiteBoundary**
-  SAR Mine Site
 -  TGO Mine Site

SCALE 1:25,000 (A4)

500 250 0 500 Metres



Projection: UTM

Project Area: RW Corkery

Topography: NSW Spatial Services

Figure 1.2. BSAL Assessment Area and Sentinel satellite image on 5/8/2020

1.2. Terminology

The following terms are used in this report and accompanying figures:

- Gateway Certificate Application Area – this is the Mining Lease Application area for the Project, and therefore the area to which this Gateway Certificate application relates.
- 100 m Buffer – is a 100 m wide strip of land around the outside of the Gateway Certificate Application Area, other than adjoining land subject to existing Mining Leases.
- BSAL Assessment Area – the combined Gateway Certificate Application Area and 100m buffer.

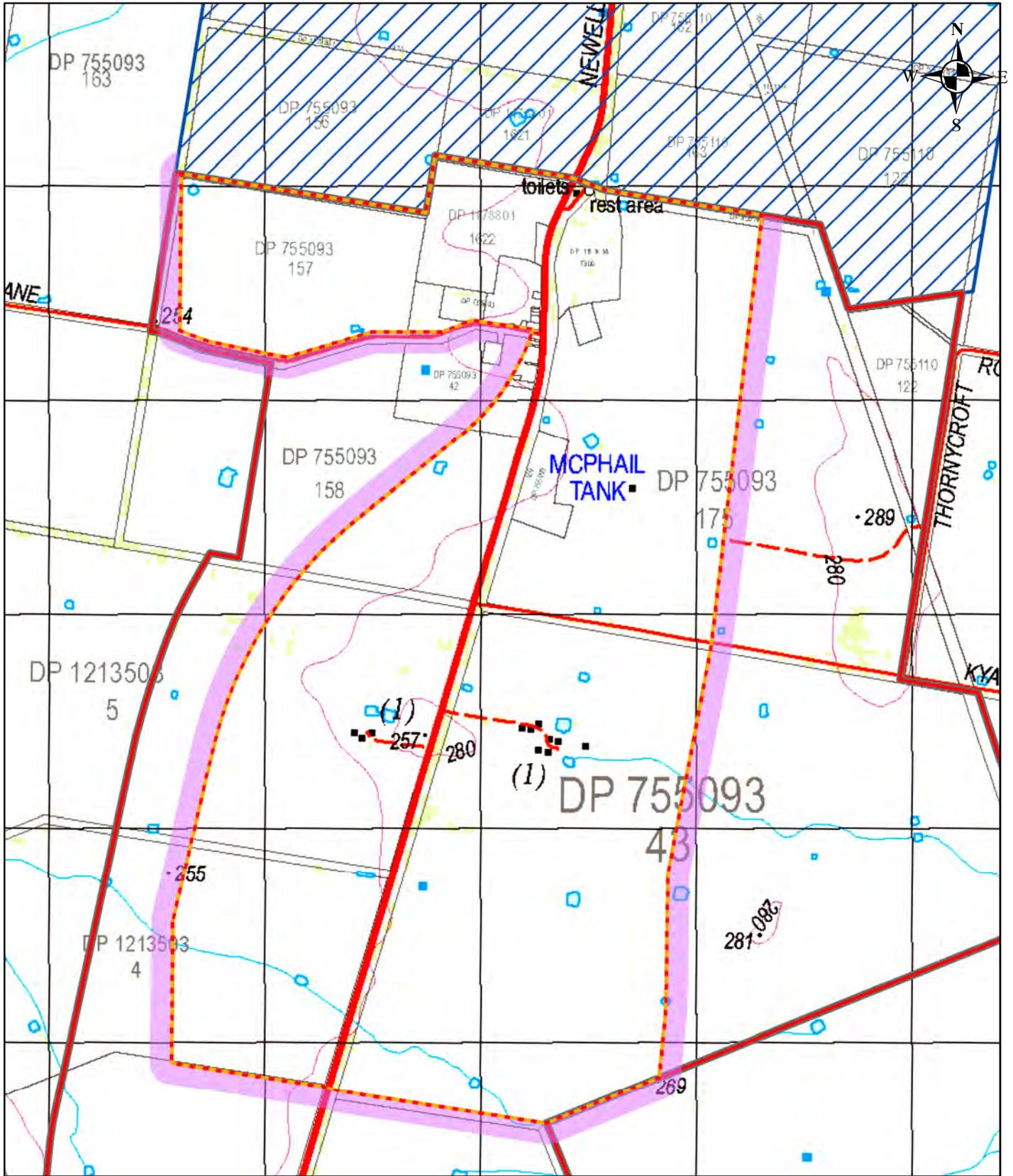
2. OVERVIEW OF THE BSAL ASSESSMENT AREA

The BSAL Assessment Area occupies 1,010 ha located between Tomingley and Peak Hill and on both sides of the Newell Highway (Figure 1.2). The extent of the BSAL Assessment Area is described in Section 5.1.

The BSAL Assessment Area includes no outcropping bedrock formations, however there are small outcrops of Ordovician-Silurian Cotton Formation with sandstones and siltstones and quartz veins (Sherwin, 1996) to the east and the south west of the BSAL Assessment Area. These small outcrops have low-angled footslopes which come into the edges of the BSAL Assessment Area. Further to the east is a range of hills in Goobang National Park which rise to over 700 m elevation.

The bulk of the BSAL Assessment Area is covered in Mesozoic alluvium and colluvium derived from the geological complex of the main range to the east. This has been covered with Quaternary to recent alluvium and partially stripped in places. It is likely that the small Ordovician outcrops to the east and south west of the BSAL Assessment Area were once covered in this colluvial fill material. During field work for this study, deep red coloured aeolian sediments were found in some locations on top of the generally alluvial sediments forming very low (< 1 m high) broad rises in the landscape. The combined depth of the various alluvia range from < 1 m to in > 60 m over vertically dipping volcanic complexes in the region (Roach, 2007; Sherwin, 1996).

The resulting landscape is a relatively level to very gently undulating series of broad stagnant alluvial plains. Within this complex are smaller alluvial fan systems as well as footslopes from adjacent low rises. The nature of the plains reflect original sediment sources in the fold belt, as well as some aeolian additions, and in some cases, the proximity of subcrop. Landform elements in the BSAL Assessment Area include shallow (< 1 m deep) broad drainage depressions, plains, prior streams and swamp complexes on slightly raised lands dominated by melonhole gilgai.



Legend

BSAL Assessment

- Gateway Certificate Application Area
- 100 m buffer

MineSiteBoundary

- SAR Mine Site
- TGO Mine Site

- Route marker: Motorway, National Route
- Major road: paved (with State Route), unpaved
- Secondary road: paved, unpaved
- Vehicular track: Stock grid.
- Water tank or reservoir. Ground tank or dam
- Ancillary contour. Spot height
- Woodland: 20-50% crown cover. Pine forest
- Intermittent stream, with waterfall
- Mainly dry stream. Perennial stream
- Cadastral deposited plan, lot number
- Cadastre

SCALE 1:25,000 (A4)

500 250 0 500 Metres

Projection: UTM
 Project Area: RW Corkery
 Topography: NSW Spatial Services

Figure 2.1. BSAL Assessment Area Base Map

3. REVIEW OF EXISTING INFORMATION

An array of spatial information was available for the BSAL Assessment Area. The spatial data had variable on ground precision and ranged in scale of mapping from 1:250 000 to 1:25 000 or greater.

3.1. BSAL Assessment Area

Available digital mapping for the BSAL Assessment Area were compiled in an ArcGIS database. The broader scale mapping provided some useful information on the BSAL Assessment Area, although the accuracy of units delineated on the ground was usually poor. Information sources and their relative relevance to the study are summarised in Table 3.1.

The maps provided below in Figure 3.1a-d show a) Land Systems, b) Regolith Mapping Units, c) Geology and d) Airborne Gamma Radiometrics. Figure 3.2a-d shows a) Digital Elevation Model (DEM), b) Slope, c) Electromagnetic (EM) Survey and d) Change in conductivity with depth from EM Survey.

The 1:25 000 Regolith Mapping Units (RMU's) of Roach (2007) provided detailed and accurate landform element and soil sub-landscape scale polygon descriptions within the BSAL Assessment Area (Figure 3.1b, Table 3.2). The RMUs were used as a base map, and further modified using radiometrics data (Figure 3.1d), EM survey (Figure 3.2c-d) and field traverse during dominant soil type mapping. The resulting dominant soil map produced was used for the final BSAL assessment of the BSAL Assessment Area in Section 5.

Table 3.1. Sources of information.

Spatial Information Source	Description	Use ¹
Land Systems (CWCMA) 1:250 000. Compiled from Unpublished soil landscape reports (Figure 3.1a)	Broad soil and vegetation landscape units. Mapping does not generally represent well what is on the ground.	3
Tomingley 1:25 000 Regolith-Landforms Map, Central Western New South Wales (Roach, 2007). CRCLEME (Figure 3.1b)	Highly detailed mapping of surface and geomorphic elements of regolith. Covers whole BSAL Assessment Area and is mostly accurate on ground. Identifies alluvial units and geological source material for each unit. Map Units are described in Table 3.2 below.	1
Narromine 1:250 000 geological sheet (Sherwin, 1996). (Figure 3.1c)	Identifies outcropping hard rock units surrounding the BSAL Assessment Area. The BSAL Assessment Area is mapped as Cainozoic Alluvium with and without.	2
Gamma Radiometrics total count imagery (Geoscience Australia). (Figure 3.1d)	Shows some areas of very low total count which possibly indicate underlying subcrop. No clear map unit definition for the purposes of this study	2
Elevation Map (Dept. Spatial Services) with hillshade. (Figure 3.2a)	Simply shows most of the BSAL Assessment Area as sloping east to west, but provides high definition boundary for disturbed terrain area.	2
Slope (from Dept. Spatial Services elevation). (Figure 3.2b)	The slope of the whole BSAL Assessment Area is <5%, which is useful in the BSAL assessment process (OEH, 2013 p.5)	2
Dual EM Surface to 330 cm ECa (Terrabyte Services, 2020). (Figure 3.2c, d).	The EM imagery was conducted onsite for the purposes of this study. The EM indicated that there were areas of high apparent electrical conductivity (ECa) that coincide with some areas mapped as gilgai regolith (Figure 3.1b). There are patches of very low ECa (purple) near the centre north of the BSAL Assessment Area that may indicate subcropping rock that is not mapped in Figure 3.1b. There are linear structures within the broad areas of moderately low ECa in the north and south of the BSAL Assessment Area that are likely to coincide with drainage lines.	1
Sentinel satellite image (ESA, 5/8/20). (Figure 1.2).	Shows that surface of the BSAL Assessment Area is relatively uniform with some variation parallel to drainage lines.	1
Existing BSAL Land in NSW (Dept. Planning, 2017). (Figure 3.3)	Shows the extent of regionally mapped BSAL within NSW determined by DPI&E (2014) from soil and land properties mapped by the former Office of Environment and Heritage (OEH).	1
Reliable Rainfall in NSW Map. DPI Office of Water (2014). (Figure 5.1)	BSAL procedural map showing the area of NSW which has >350 mm rainfall in 90% of years.	1

Note 1- Use categories: 1. Detailed map used in construction of BSAL mapping units or required as part of BSAL Assessment process. 2. Descriptive mapping useful in understanding terrain and geology features as well as delineating detail and boundary formation of part of BSAL mapping units. 3. Useful background information with some data that can be used in BSAL mapping.

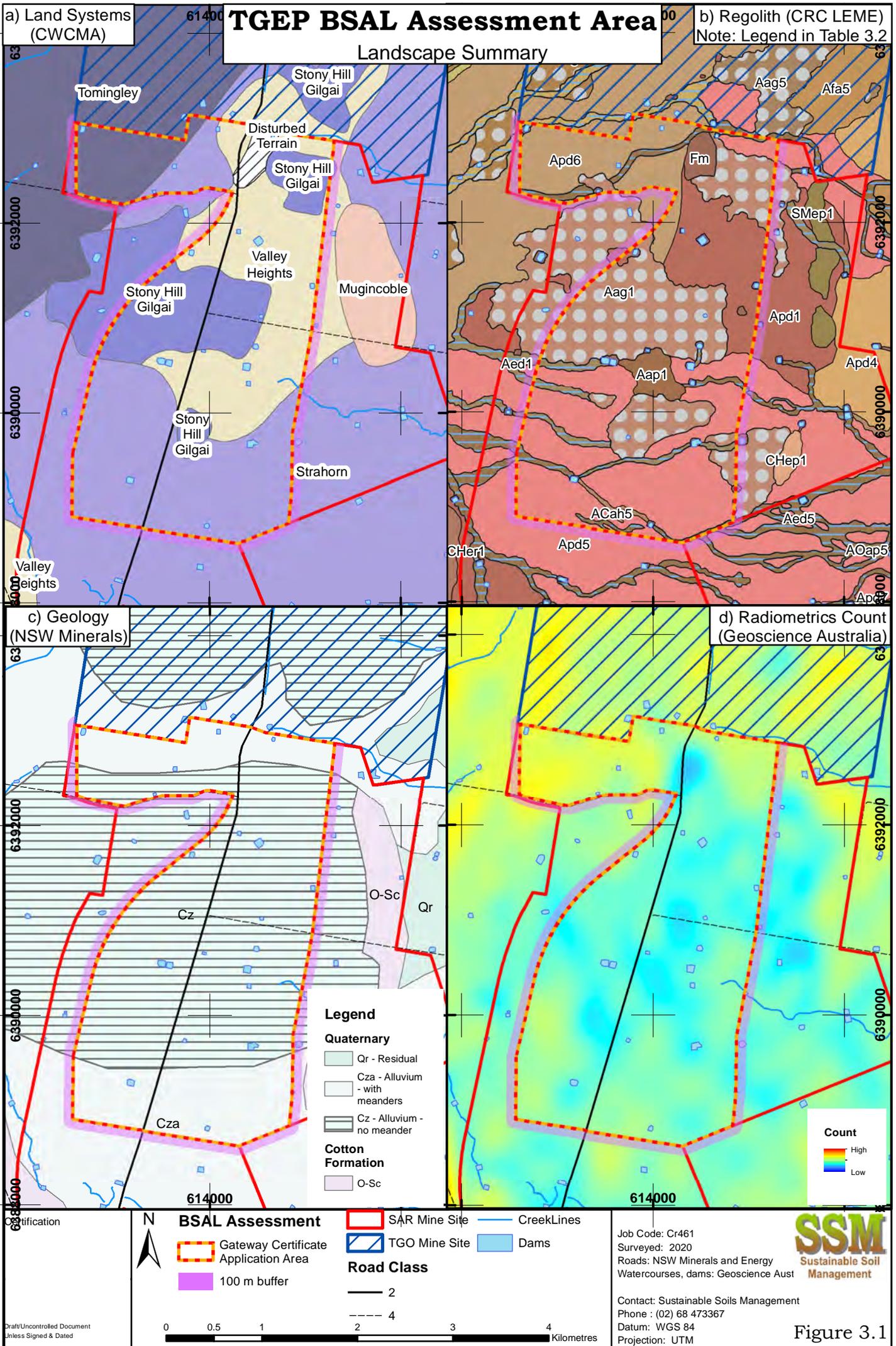
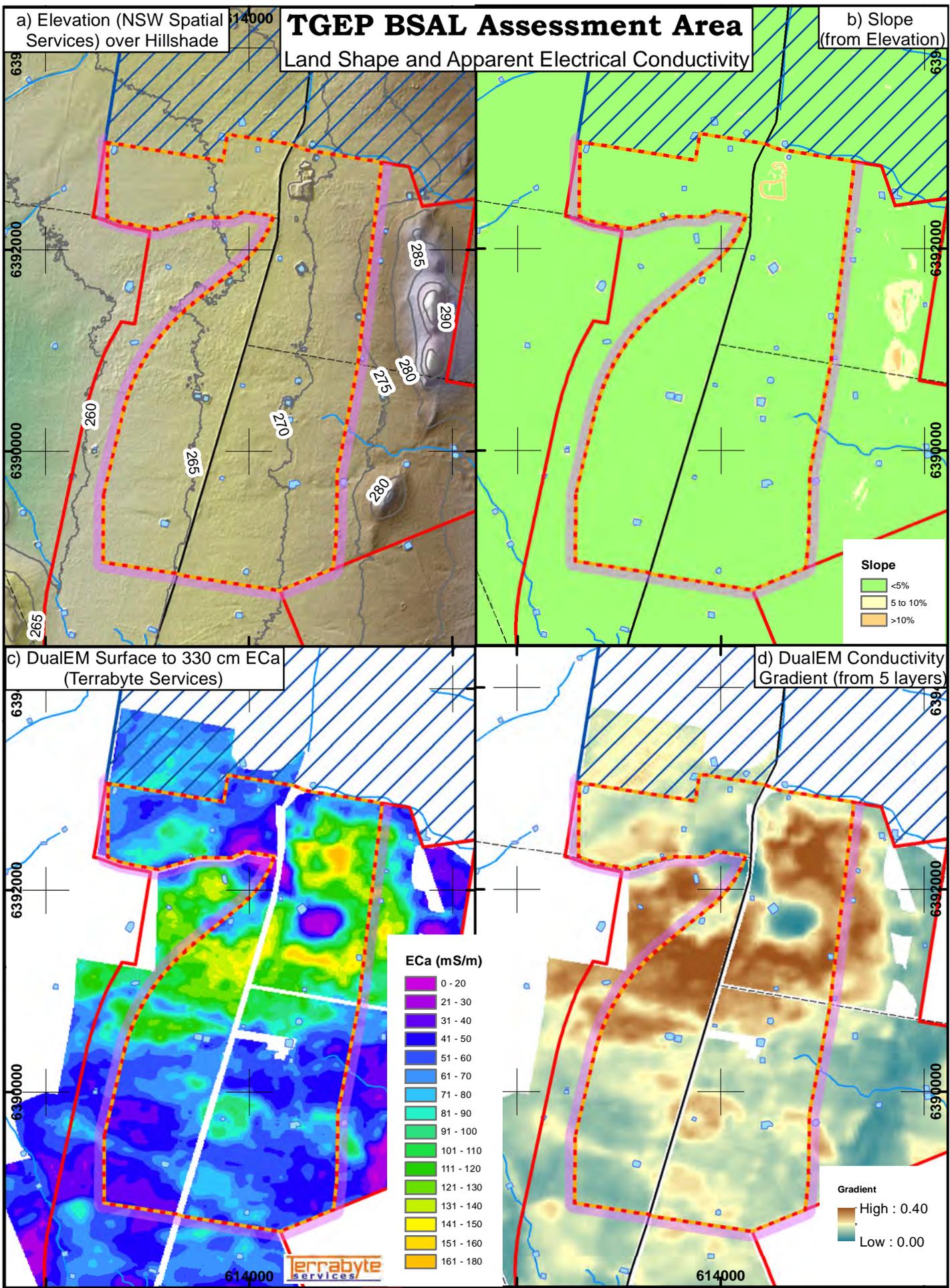


Table 3.2. RLU codes used on the Tomingley 1:25,000 regolith-landforms map and their explanations (Roach, 2007).

RLU codes for regolith materials depicted here are:		RLU codes for landforms used here are:		RLU modifier codes used here reflect bedrock lithologies or regolith material sources are:	
A	Alluvial sediments	ag	alluvial plain with gilgai depressions	1	Cotton Formation (O-Sc) sandstones and siltstones
AC	Alluvial channel sediments	ah	alluvial channel	2	Muginoble Chert (Om)
AO	Alluvial overbank sediments	ap	alluvial plain (with numerous small drainage depressions)	3	Goonumbla Volcanics (Obv)
C	Colluvial sediments			4	Mumbidgle Formation (Sfm, Sfv)
CH	Colluvial sheetflow sediments	aw	alluvial swamp	5	Dulladerry Volcanics (Dds, Ddr, Ddc)
F	Fill	ed	erosional drainage depression		
SM	Moderately weathered bedrock (saprolite)	ep	erosional plain (0-9 m relief)	6	Obley Granite (Dog)
SS	Slightly weathered bedrock (saprock)	er	erosional rise (9-30 m relief)	7	Hervey Group (Dh)
		el	erosional low hill (30-90 m relief)		
		fa	alluvial fan		
		m	man-made		
		pd	depositional plain (with no significant drainage depressions)		



Certification

BSAL Assessment

- Gateway Certificate Application Area
- 100 m buffer

Road Class

- 2
- 4

SAR Mine Site
TGO Mine Site
CreekLines
Dams

0 0.5 1 2 3 4 Kilometres

Job Code: Cr461
 Surveyed: 2020
 Roads: NSW Minerals and Energy
 Watercourses, dams: Geoscience Aust

SSM
Sustainable Soil Management

Contact: Sustainable Soils Management
 Phone : (02) 68 473367
 Datum: WGS 84
 Projection: UTM

Figure 3.2

Draft/Uncontrolled Document
Unless Signed & Dated

3.2. E-Spade soil profile database

The E-spade database was examined for background soil profile and spatial information on the BSAL Assessment Area (<https://www.environment.nsw.gov.au/eSpade2WebApp>, accessed 19/06/2020).

There were no existing described soil profiles within the BSAL Assessment Area. Maps available from E-spade included hydrogeological landscapes which appeared to have no reflection of on ground landscapes or processes, presumably because of the scale of mapping. An examination of the general modelled soil fertility map of NSW within E-spade showed the BSAL Assessment Area to be dominated by moderate fertility soils, but also to have polygons that were not reflected on the ground.

No part of the BSAL Assessment Area is currently mapped as BSAL according to the DPI&E (2014), (Figure 3.3).

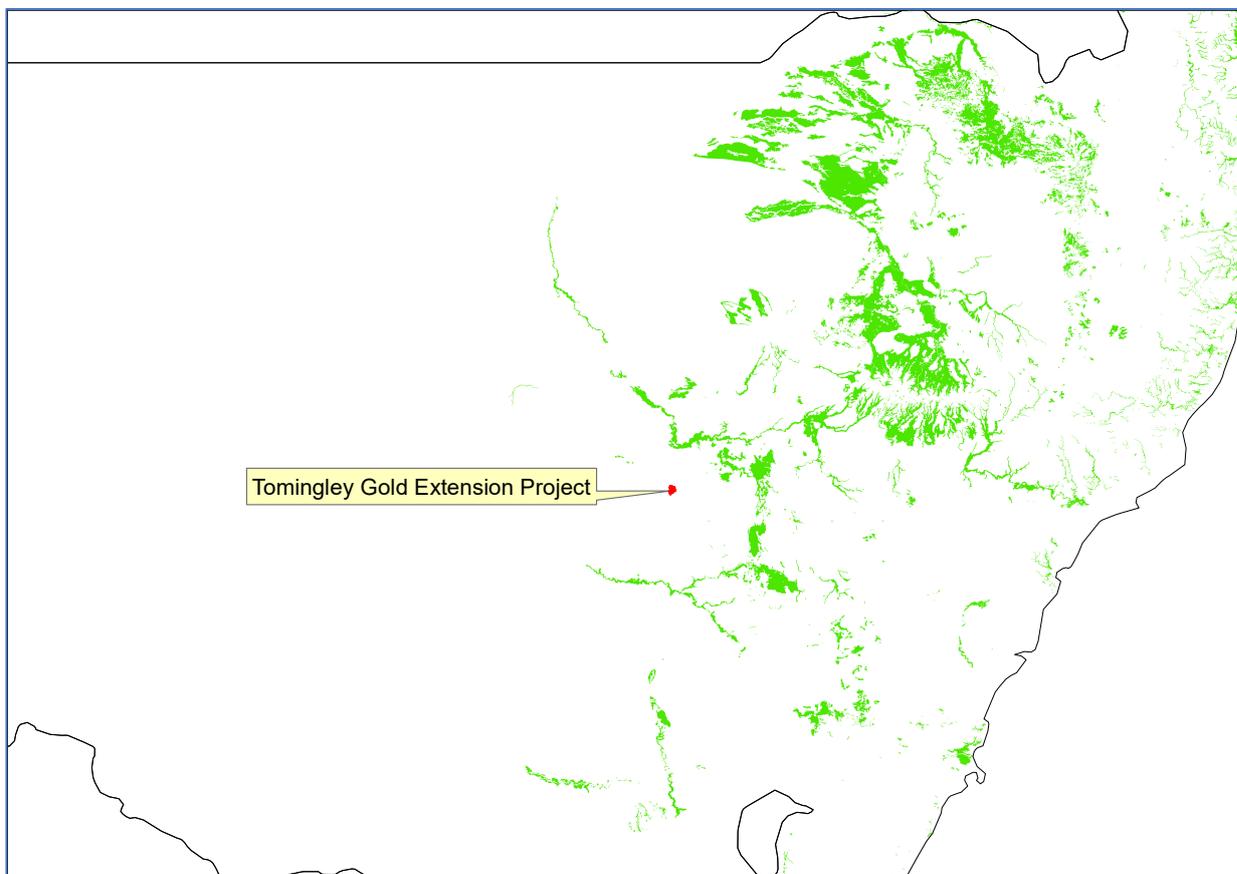


Figure 3.3. Extent of BSAL mapped in NSW. Downloaded from: <https://datasets.seed.nsw.gov.au/dataset/srlup-salbiophysical> on 19/6/2017.

4. DESCRIPTION OF BSAL VERIFICATION PROCESS

4.1. Overview

The State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007 (the Mining SEPP) requires certain types of developments to establish or verify if a proposed site is located on BSAL. BSAL is described as land with a rare combination of natural resources (i.e., reliable water source, medium to high fertility), which renders it as being highly suitable for agriculture as it is naturally capable of sustaining high levels of productivity whilst requiring minimal management practices to maintain this high quality.

The basis for BSAL assessment, mapping and verification is the 'Interim Protocol for site verification and mapping of biophysical strategic agricultural land', prepared by the Office of Environment & Heritage and the Office of Agricultural Sustainability & Food Security (OAS&FS) in 2013, referred to as OEH and OASFS (2013) or the Interim Protocol in this report. The Interim Protocol prescribes how proponents and landholders identify BSAL. It outlines the technical requirements and provides a stepwise process to establish whether or not land is BSAL.

Key standards used in this process are:

- Interim Protocol for Site Verification and Mapping of Biophysical Strategic Agricultural Land (OEH and OASFS, 2013);
- The Australian Soil Classification (ASC) (Isbell and NCST, 2016);
- Australian Soil and Land Survey Field Handbook (NCST, 2009); and
- Presentation of maps at 1:25,000 scale.

4.2. Description of Steps

The purpose of this assessment is to determine if parts of the BSAL Assessment Area satisfy the BSAL criteria. The BSAL assessment follows 4 Key Steps (shown below), which are initial steps in an elimination process. Simplest criteria are assessed first to avoid more costly assessments if a site can be easily discounted as BSAL. Key Step 3 is a 12-step assessment of soil information, which again is an elimination process. If any one of the assessment criteria cannot be verified, the site is not BSAL.

The 4 Key Steps are:

1. Identification of the project area, in this case the BSAL Assessment Area to be assessed for BSAL. This includes a minimum of a 100 m buffer zone around the Gateway Certificate Application Area to account for minor changes, disturbances, or extensions (Figure 2.1)
2. Confirm access to a reliable water supply. Figure 4.1 shows the flow chart used to verify water reliability.
3. Choose the appropriate approach to map the soils information. The minimum area for BSAL is 20 ha. Access to the project area and buffer zones determine how soils information is derived. If the proponent does not have access, then the proponent should develop a model of soils distribution using information provided in the Interim Protocol. In this case, access was possible across the entire BSAL Assessment Area so that on-site soil assessments were

undertaken. The 12-step BSAL assessment process is shown in the flow chart in Figure 4.2.

Relevant information for soil survey includes:

- estimate of BSAL criteria for slope, rockiness, and gilgais;
- available soils datasets;
- geology extrapolated to identify parent material;
- local knowledge;
- vegetation;
- aerial photography;
- other remotely-sensed resources (e.g., EM, LIDAR); and
- soils assessment of nearby accessible sites of similar landscape.

4. Risk assessment – determines sampling density. Low risk of a development to agriculture requires sampling at 1:100,000. Higher risk resulting in possible long-term damage to agriculture requires a sampling density of 1:25,000.

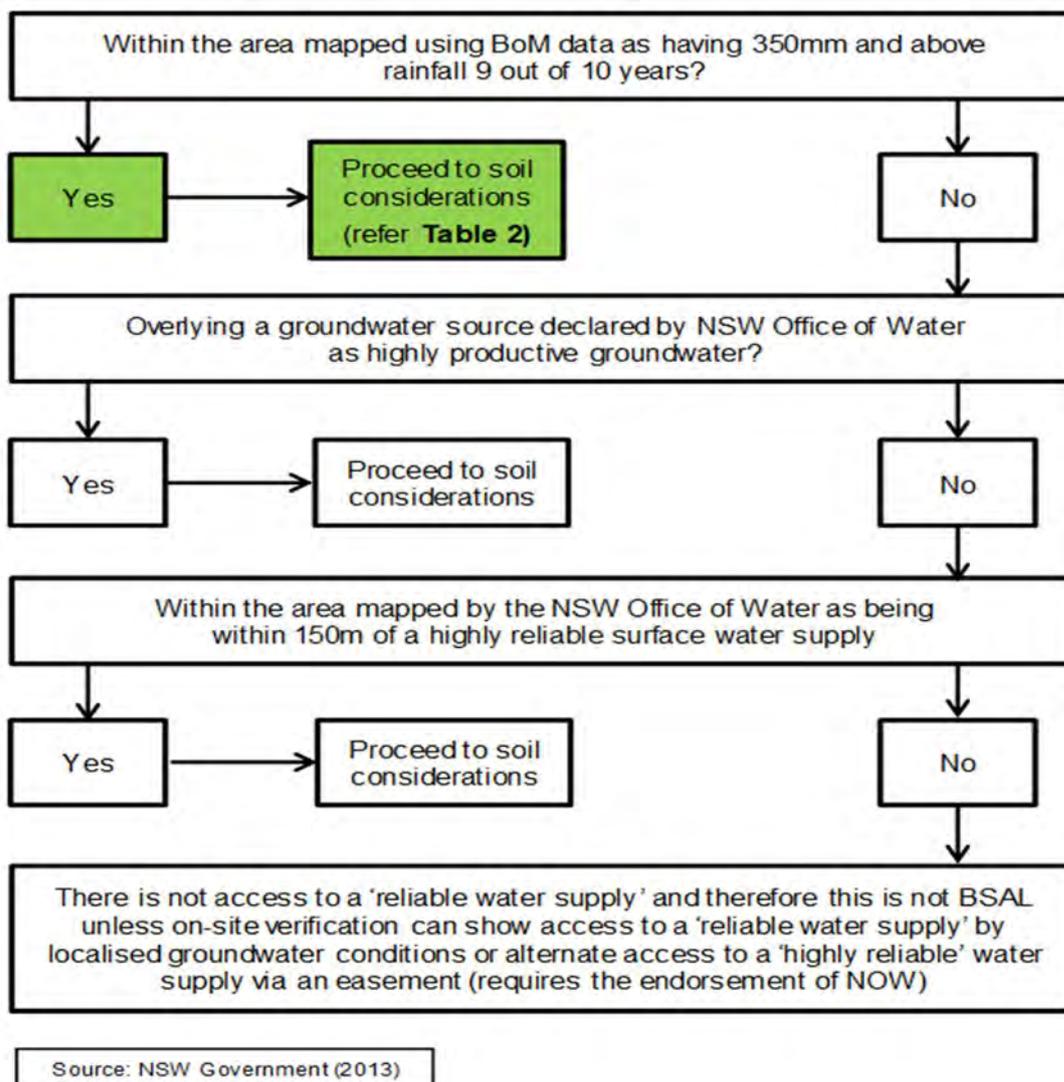


Figure 4.1. Flow chart to verify water reliability. (OEH and OASFS, 2013).

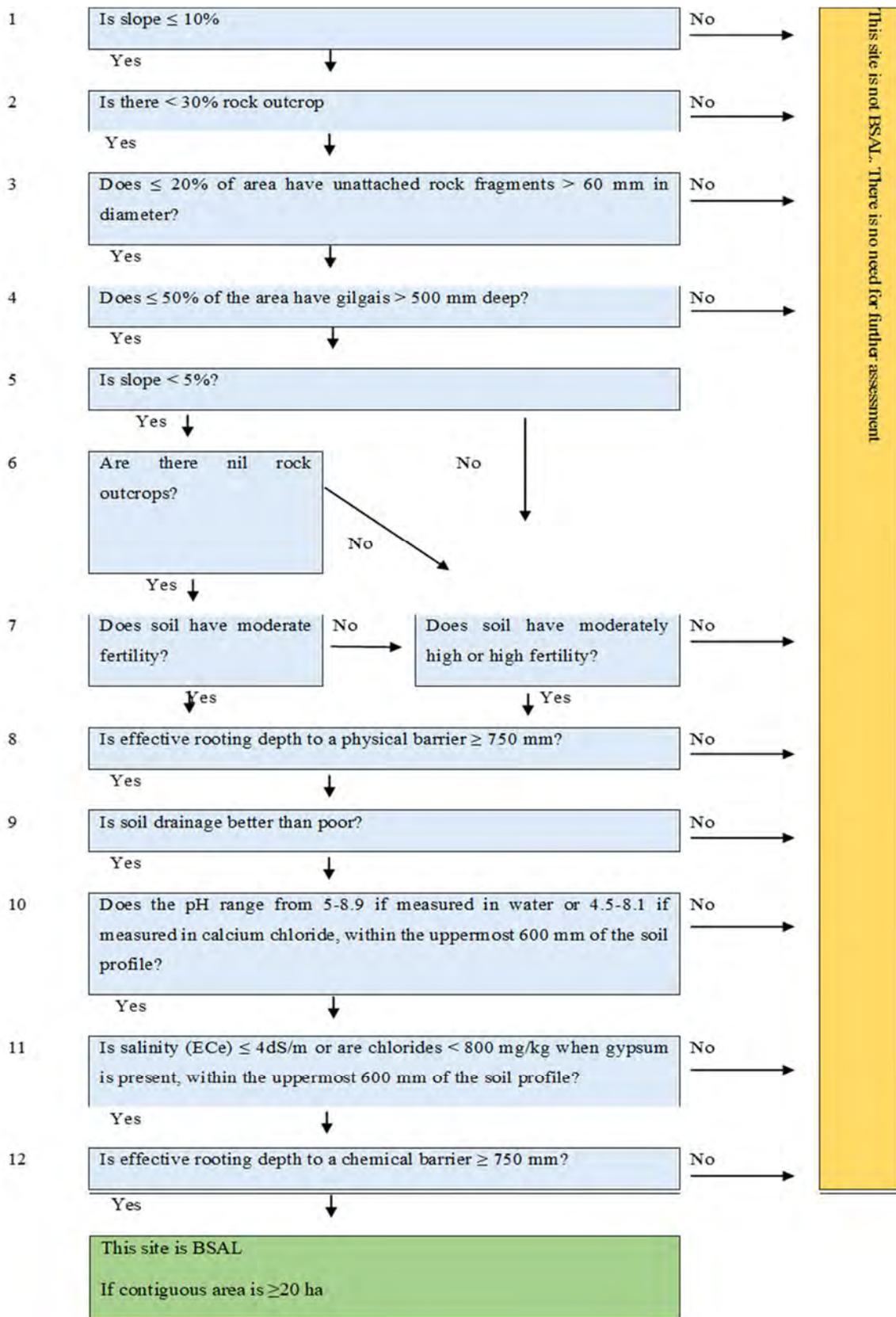


Figure 4.2. Flow chart for site assessment of BSAL. Source: (OEH and OASFS, 2013).

5. BSAL ASSESSMENT OF SITE VERIFICATION AREA

5.1. Extent of Site Verification Area

The Gateway Certificate Application Area covers 880 ha to the south of Tomingley Township and the present mine. A 100 m buffer was added to the boundary of the Gateway Certificate Application Area as required in the Interim Protocol (OEH and OASFS, 2013), adding a total of 1330 ha to the Gateway Certificate Application Area to form the 1,010 ha BSAL Assessment Area (Figure 2.1). The buffer area did not include areas to the north of the Gateway Certificate Application Area as it impinged Mining Lease 1684, which is already disturbed by mining.

Most of the BSAL Assessment Area is grazing land with occasional cropping, with native vegetation along the western edge. The BSAL Assessment Area includes the Newell Highway, a two to three lane State Highway.

5.2. Water Supply Reliability

The parts of NSW with reliable rainfall have been mapped by the NSW Office of Water (and Tomingley is located within the >350 mm rainfall zone (9 out of 10 years), classed as reliable rainfall (Figure 5.1). This was supported by rainfall records from Peak Hill Post Office (BOM Station 050031), which showed that annual rain exceeded 350 mm in 116 of 128 years from 1891 to 2018 or 90.6% of years. As a result, in accordance with the flow chart presented in Figure 4.1, a BSAL soil assessment is required for the BSAL Assessment Area.

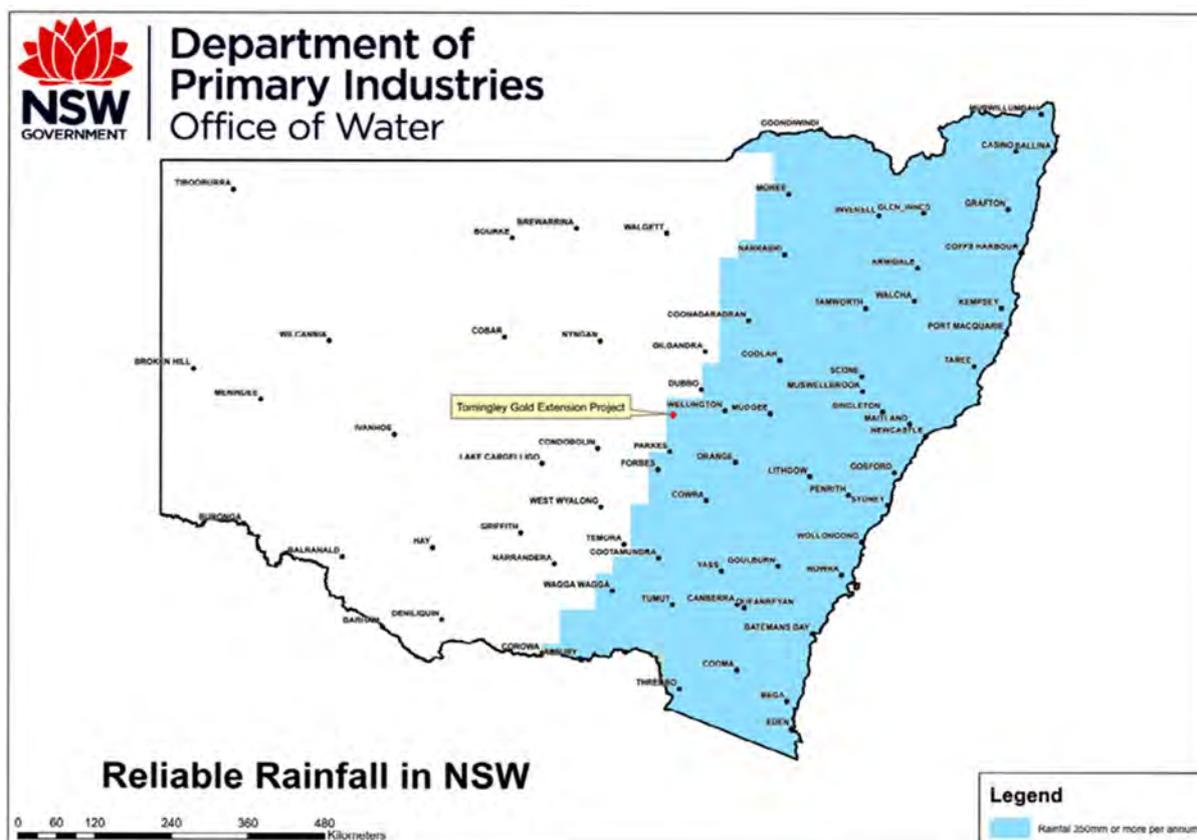


Figure 5.1. Reliable rainfall map. Downloaded from: www.water.nsw.gov.au/_data/assets/pdf_file/0006/549330/law_use_reliable_rainfall.pdf on 7/4/2014.

Tomingley has a similar climate to the nearby Peak Hill Post Office weather station (BOM number 050031). Peak Hill has a mean rainfall of 561 mm, with coolest mean winter temperatures ranging from 4.8 to 15.4°C in July and warmest mean summer temperatures ranging from 19.5 to 33.5°C in January.

5.3. Risk Assessment and Selection of Map Scale and Guide for Soil Boundaries

Using the risk assessment process given in OEH and OASFS (2013, p 29 to 31), impact from open cut mining and subsequent rehabilitation would be in the order of Level 1 or Level 2 consequences, *Severe to Significant*. Underground mining would be of minor to negligible consequence to surface soils and environments. Given that the BSAL Assessment Area includes potentially both of these types of mining, the likelihood would be *Likely to Almost Certain*. As a result, the risk ranking would be *High*. In light of this risk ranking, the scale of mapping required was 1:25 000.

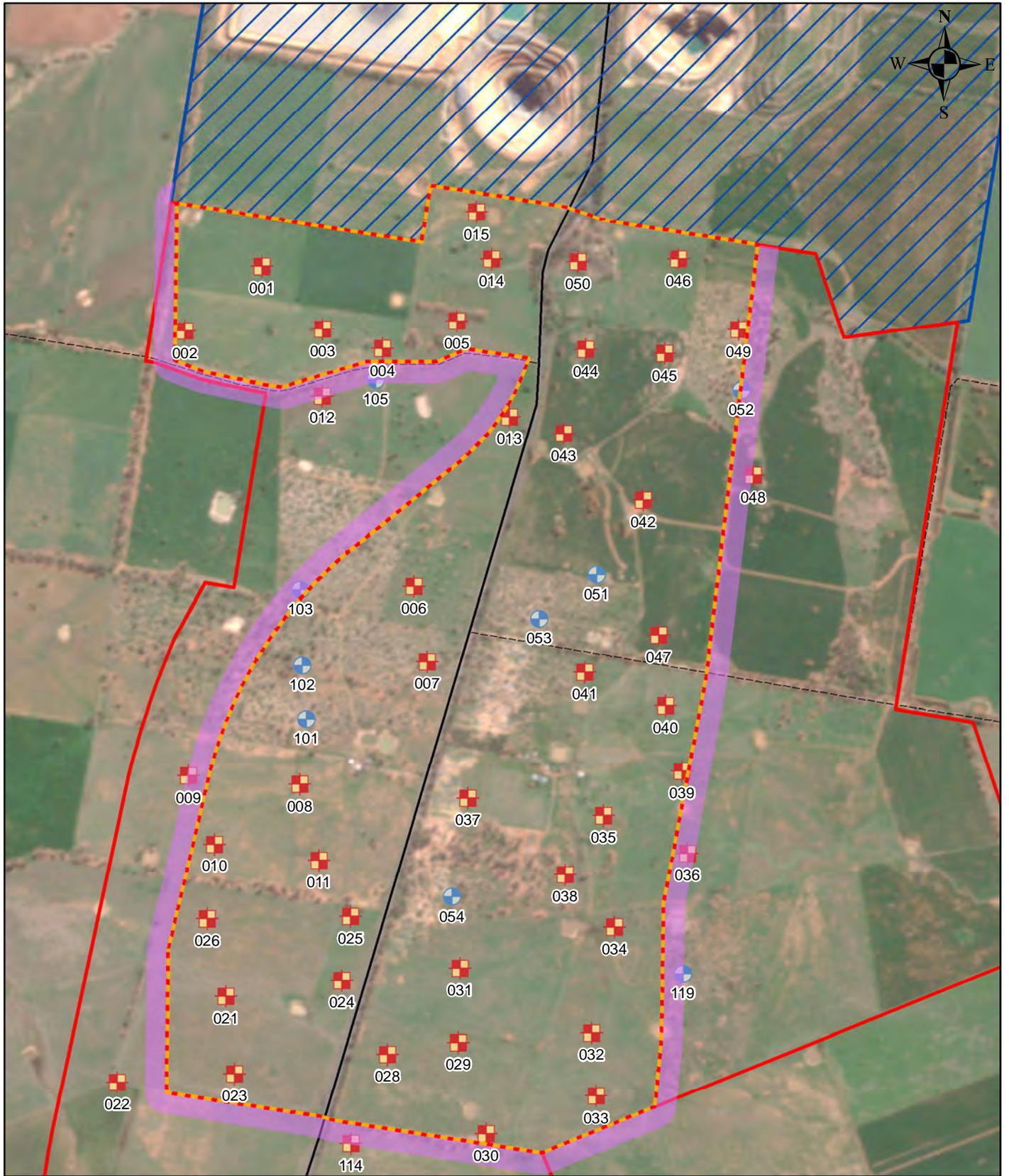
Provisional 1:25 000 soil mapping units were established using Roach's (2007) regolith mapping units, in consideration with a ground EM survey (scale approximately 1:20,000). Other spatial data (listed in Table 3.1 and Figures 3.1 and 3.2) such as Airborne Gamma Radiometrics total count (scale 1:250 000) were used as reference material in interpretation and modification of the regolith mapping.

5.4. Site Sampling and Soil Description

A square grid of 1 soil observation per 19 ha aligned with the northeast to southwest drainage was established across the site (total of 52 sampling sites). Individual grid locations were adjusted so that they did not fall into the middle of drainage lines (Figure 5.2). Field traverse and profile numbering of profile sites were determined by weather and site bearing strength on each day of field work. All sites had full detailed soil profile descriptions as per Isbell and NCST (2016) and NCST (2009) and were sampled for laboratory analysis. Soil profile descriptions are given in Appendix 1.

Soil profile descriptions were recorded on NSW Biophysical Strategic Agricultural Land Soil Data Cards provided by OEH. Additional information such as the crumb dispersion test, or soil field dilatancy was included in the layer notes for each profile. Forty three sites were excavated to a minimum of 1.2 m depth (or refusal) using a small excavator. The remaining 9 sites were exclusion sites which failed Step 4 in Figure 4.2 (i.e., >50% of the area had gilgai >500 mm deep). The location of each site was recorded using a hand-held GPS with a position accuracy of approximately 5 m.

An additional 2 BSAL profile descriptions (022 and 048) were recorded for sites that are now close to, but not within the BSAL assessment area. Profile data was submitted to OEH, and in Appendices I and II, but they are not otherwise included in the BSAL assessment.



Legend

Site_Type

-  Pit
-  Exclusion

BSAL Assessment

-  Gateway Certificate Application Area
-  100 m buffer

MineSiteBoundary Road Class

-  SAR Mine Site
-  TGO Mine Site
-  2
-  3
-  4
-  5

SCALE 1:25,000 (A4)

500 250 0 500 Metres



Projection: UTM
 Project Area: RW Corkery
 Roads: NSW Minerals

Figure 5.2. Sample locations over aerial image

Field data that were recorded for each of the 45 sampling test sites (Appendix 1) included:

- Soil test pit observations and information: GPS location, nature of exposure, slope, slope measurement method, aspect, site morphology, slope morphology, landform element, aspect, microrelief type, microrelief depth, microrelief extent, lithology, lithology identification method, rock outcrop, current land use, predevelopment vegetation community, growth form, ground cover percentage, current land use, site disturbance, current surface condition, predicted dry surface condition and predicted wet surface condition.
- Detailed soil profile observations for each horizon: lower depth, moisture content, grade of pedality, fabric, size and shape of dominant and subdominant peds. Type, amount, distribution, orientation, weathering and size of coarse fragments. Type, amount, strength, form and size of segregations. Moist colour of all horizons. Type, abundance, colour and contrast of mottles, field texture. Field tests for pH, effervescence to dilute hydrochloric acid, slaking, dispersion, EC1:5 for selected horizons and boundary distinctness.
- Overall soil profile observation: effective rooting depth, profile permeability, profile drainage, base of observations, substrate.
- Photographs of site and soil profile.

Soil data cards were loaded into the New South Wales Soil and Land Information System (SALIS) and extracted as a flat form data file for all profiles showing all data fields.

Soil field data for median clay content for each horizon was calculated using NCST (2009), (pp 164 to 165). These data were processed into depth increments of 0 to 5, 5 to 15, 15 to 30, 30 to 60 and 60 to 100 cm using the Equal Area Quadratic Spline program, Spline Tool (Jacquier & Seaton, 2012). These data were later used in conjunction with laboratory data to calculate E_{ce} and Sum of Bases for each lab sample. Using a spline is an effective way of objectively matching soil horizon data of variable thickness to soil incremental data (Banks *et al.*, 2020)

5.5. Laboratory Analysis

Laboratory analysis of soil samples was undertaken to assist in the identification of soil associations, and to satisfy the requirements of the Interim Protocol that samples from all detailed soil test pits are subject to laboratory analysis.

Soil samples were collected from the Interim Protocol prescribed sampling depths of 0 to 5 cm, 5 to 15 cm, 15 to 30 cm, 30 to 60 cm and 60 to 100 cm for all sampling sites. duplex profiles. Samples from the 45 detailed sites were submitted to the NATA and ASPAC accredited Incitec Pivot Laboratories for analysis (Appendix 2).

Soil chemical properties required for assessing BSAL according to the assessment chart in Figure 4.2 as well as for classifying soil in accordance with the ASC were measured for all soil samples analysed. The soil chemical properties were pH in water and CaCl₂; exchangeable cations of Ca, Mg, K, Na and Al; EC_{1:5}; and Cl as per the Interim Protocol. In addition, all samples were tested for NO₃⁻ and NH₄-N.

Topsoil (0 to 5 and 5 to 15 cm) samples were subjected to further testing including organic carbon %, sulfate, Colwell P, P buffer index, and the trace elements Zn, Cu, Fe, Mn and B. Individual testing methods are given with the data in Appendix 3.

5.6. Soil Classification

All full soil profiles were classified according to Isbell & NCST (2016). Using both field and laboratory data each soil pit was allocated to ASC order; ASC suborder; ASC Great Group; ASC Subgroup; ASC Family properties of topsoil thickness; gravel and texture; subsoil texture; and soil depth.

5.7. Use of Field and Laboratory Data to Determine Individual Site BSAL

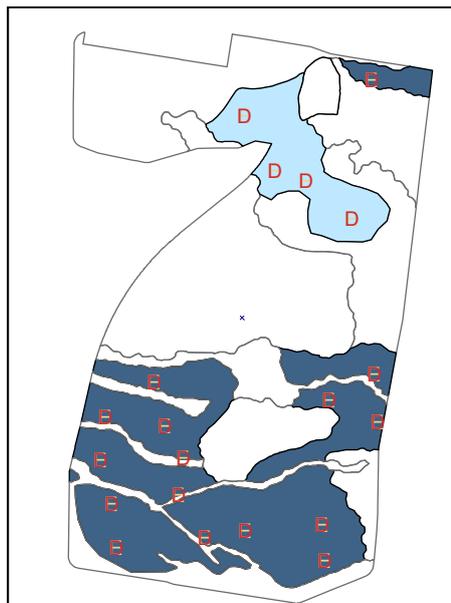
Field and relevant laboratory data were used to determine whether each soil profile site met BSAL specifications according to the 12-step assessment process of Key Step 3 (Figure 4.2). Individual soil profiles and landscapes are tabulated by dominant soil landscape in Section 6 below.

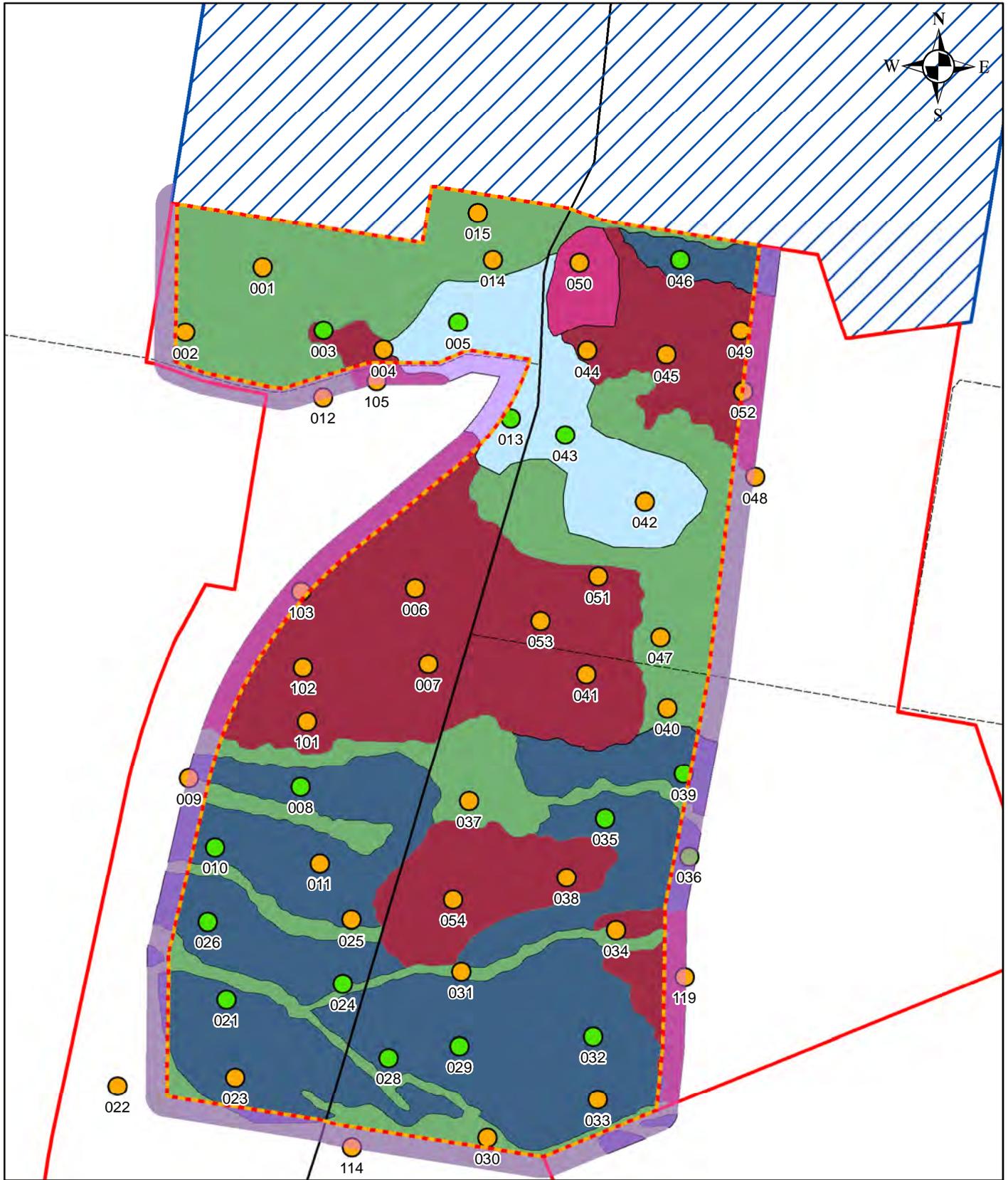
6. BSAL ASSESSMENT AND MAP UNIT DESCRIPTIONS

The combination of base map material, field traverse, soil type dominance and chemistry were used to create the map units shown in Figure 6.1. Soil profile sites marked in green satisfy the requirements for BSAL soils. Each soil mapping unit is explained in detail in Sections 6.1 to 6.4. An assessment of soil profile field and chemistry properties for BSAL is made for each dominant soil mapping unit. The results are provided in the description for each soil map unit.

6.1. Chromosols Soils BSAL Mapping Unit

The Chromosols soil unit (20 profiles over 385 ha) was on broad plains of very low relief and corresponded to the regolith mapping unit (RMU) Apd5, which had slightly more calcium rich alluvium and substrate than the other regolith mapping units. Moderately well drained Chromosols (Table 6.1) dominated the landscape with minor occurrences of moderately to well drained Red Kandosols and Dermosols within this unit and some poorly drained Sodosols adjacent to low lying areas of the plain. In addition to the Chromosol unit as defined by RUMU Apd5, there was a smaller area of the Chromosol soil unit on an area of RMU Apd1 and Apd6 which had mappable andesite subcrop (very low EM signature), which had also been enriched with a calcium rich aeolian dust mantle which forms a very slight rise above surrounding landscapes. This area was included into the Chromosol soil unit based on similarity of soil type but mapped as a variant called Andesite Chromosols. 75% of soils described met the criteria for BSAL within this unit (Table 6.2).





Legend

Mapping Unit

- Andesite Chromosol
- Chromosol
- Gilgai
- Sodosol
- Shallow
- Disturbed

BSAL Sample

- Satisfies BSAL criteria
- Fails BSAL criteria

BSAL Assessment

- Gateway Certificate Application Area
- 100 m buffer

Mine Site Boundary

- SAR Mine Site
- TGO Mine Site

Road Class

- 2
- 3
- 4
- 5

SCALE 1:25,000 (A4)

500 250 0 500 Metres



Projection: UTM
 Project Area: RW Corkery
 Roads: NSW Minerals

Figure 6.1. Soil Mapping Units and site BSAL rating

Table 6.1. Representative Soil Test Pit Profile: Chromosol map unit.

	
<p>Soil Test Pit MT 013</p>	<p>Landscape view, soil test pit MT 013</p>
<p>Australian Soil Classification</p>	<p>Very deep Vertic Hypocalcic Red Chromosol.</p>
<p>Other Soil Types in Landscape</p>	<p>Brown Chromosols, Red Kandosols, Red Dermosols, Red Sodosols</p>
<p>All Soil Test Pits in Landscape</p>	<p>MT 005, 008, 010, 011, 013, 021, 023, 024, 025, 026, 028, 029, 032, 033, 035, 036, 039, 042, 043 and 046.</p>

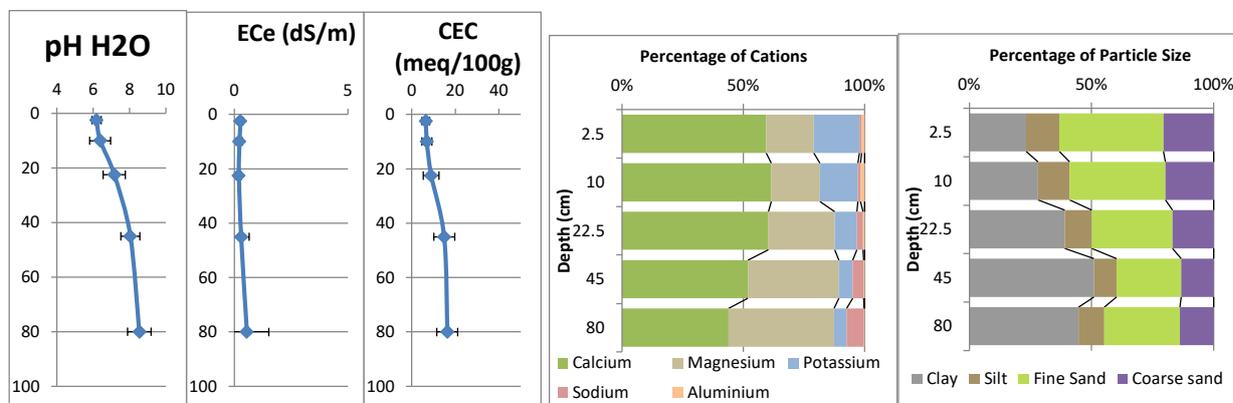


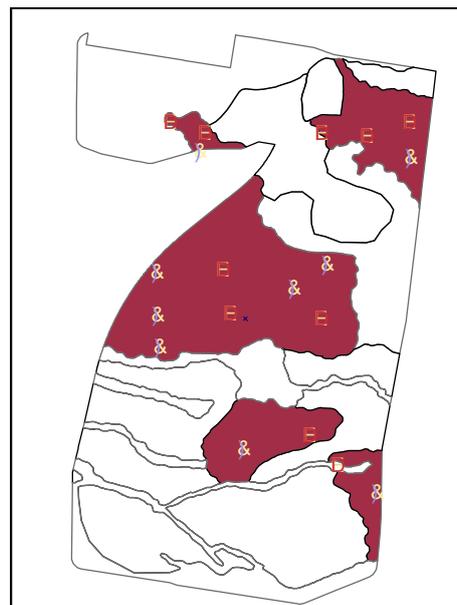
Figure 6.2. Chemistry and PSA range for Chromosol map unit. Error bars are Standard Deviation from the mean.

Table 6.2. Summary of Chromosol BSAL Characteristics in Chromosol map unit.

Profile Number	MGA Easting	MGA Northing	BSAL SiteType	ASC	Step 1 Slope < 10%	Step 2 Rock Outcrop <30%	Step 3 Rock Fragment Abundance <20%	Step 4 No Gilgai>50% and >500 mm deep	Step 5 Slope < 5%	Step 7 ASC Fertility Moderate or Better	Step 8 Depth to physical barrier > 750 mm	Step 9 BSAL Drainage > poor	Step 10 pH(H2) <9 at < 600 mm	Step 11 Ece <4 at <600 mm depth	Step12 Depth to chemistry barrier > 50 mm	BSAL Status
5	613911	6392508	Detailed	Red Chromosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
8	613183	6390344	Detailed	Red Chromosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
10	612788	6390064	Detailed	Red Chromosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
11	613271	6389992	Detailed	Red Sodosol	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Not BSAL
13	614153	6392061	Detailed	Red Chromosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
21	612839	6389353	Detailed	Brown Chromosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
23	612878	6388994	Detailed	Red Chromosol	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Not BSAL
24	613378	6389472	Detailed	Red Chromosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
25	613416	6389726	Detailed	Red Sodosol	Y	Y	Y	Y	Y	N	Y	Y	N	Y	Alkalinity	Not BSAL
26	612752	6389715	Detailed	Red Chromosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
28	613590	6389081	Detailed	Red Chromosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
29	613919	6389138	Detailed	Brown Chromosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
32	614537	6389186	Detailed	Red Chromosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
33	614557	6388888	Detailed	Red Sodosol	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	Not BSAL
35	614591	6390197	Detailed	Red Kandosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
36	614976	6390022	Detailed	Red Kandosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
39	614955	6390404	Detailed	Red Chromosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
42	614774	6391672	Detailed	Red Chromosol	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Not BSAL
43	614406	6391982	Detailed	Red Dermosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
46	614936	6392797	Detailed	Red Kandosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL

6.2. Gilgai Soils - Non-BSAL Mapping Unit

Gilgai soils included 10 detailed soil profile descriptions and 9 exclusion sites over 306 ha. This landscape corresponds well with RMU A ag1 (alluvial plain with gilgai depressions) overlying the Cotton Formation Ordovician-Silurian sediments. It is dominated by swamp complex landform elements. Boundaries of Aag1 regolith unit were modified during field traverse and using SPOT imagery to fully exclude non-gilgai lands or lands where gilgai had been levelled for cropping. This map unit is similar in character to that described for Stony Hill Gilgai (OEH, unpub). The gilgai soil unit appears proud (slightly elevated above) the generally flat plains of the BSAL Assessment Area when in the field, however this is due to the puffs or rises between hollows protruding from the plain surface.



Dominant soils in the gilgai were poorly to imperfectly drained very deep Epipedal Grey, Red or Brown Vertosols (Table 6.3). The highly variable sorting of soil material which occurs with these giant gilgai, means that soil characteristics vary over metres from the top of well developed gilgai puffs to the bottom of the depressions and profiles examined in this sequence can range from highly suitable for agriculture to very poor over metres. Most subsoils and some near surface soils in this landscape were saline. This was the first soil mapping unit to be excluded from further consideration for BSAL because it was a landscape dominated by melonhole gilgai of depths > 500 mm. The soil characteristics would have also failed to be considered for BSAL. (Table 6.4). Soil properties described were used to assess Land and Soil capability and the suitability of the soil for use during rehabilitation of the mine site.

Table 6.3. Representative Soil Test Pit Profile: Gilgai map unit.

	
Soil Test Pit MT 007	Landscape view, soil test pit MT 007
Australian Soil Classification	Very deep to giant Episodic-Epicalcareous Epipedal Grey Vertosol.
Other Soil Types in Landscape	Red and Brown Vertosols
All Soil Test Pits in Landscape	MT 003, 004, 006, 007, 034, 038, 041, 044, 045 and 049
Exclusion observation sites	MT 051, 052, 053, 054, 101, 102, 103, 105, 119.

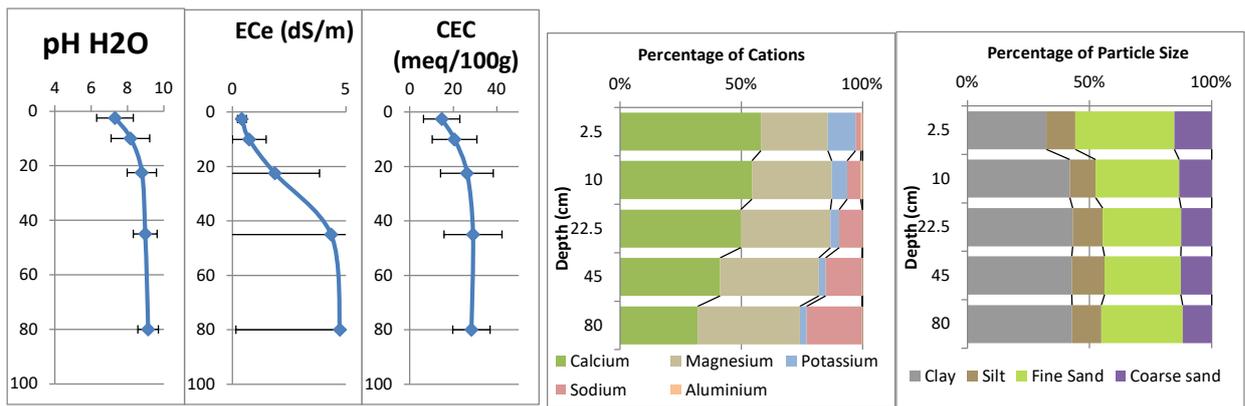


Figure 6.3. Chemistry and PSA range for Gilgai map unit. Error bars are Standard Deviation from the mean.

Table 6.4. Summary of BSAL Characteristics for Gilgai map unit.

Profile Number	MGA Easting	MGA Northing	BSAL SiteType	ASC	Step 1 Slope < 10%	Step 2 Rock Outcrop < 30%	Step 3 Rock Fragment Abundance < 20%	Step 4 No Gilgai > 50% and > 500 mm deep	Step 5 Slope < 5%	Step 7 ASC Fertility Moderate or Better	Step 8 Depth to physical barrier > 750 mm	Step 9 BSAL Drainage > poor	Step 10 pH(H2) < 9 at < 600 mm	Step 11 Ece < 4 at < 600 mm depth	Step 12 Depth to chemistry barrier > 50 mm	BSAL Status
3	613290	6392469	Detailed	Red Chromosol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	BSAL
4	613566	6392377	Detailed	Red Vertosol	Y	Y	Y	N	Y	Y	Y	N	N	Y	Alkalinity	Not BSAL
6	613713	6391268	Detailed	Grey Vertosol	Y	Y	Y	N	Y	Y	Y	N	N	Y	Alkalinity	Not BSAL
7	613772	6390919	Detailed	Grey Vertosol	Y	Y	Y	N	Y	Y	Y	N	N	N	Alkalinity /Salinity	Not BSAL
34	614638	6389680	Detailed	Stratic Rudosol	Y	Y	Y	Y	Y	N	Y	Y	Y	N	Salinity	Not BSAL
38	614413	6389922	Detailed	Red Sodosol	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Not BSAL
41	614504	6390868	Detailed	Grey Vertosol	Y	Y	Y	N	Y	Y	Y	N	N	Y	Alkalinity	Not BSAL
44	614508	6392374	Detailed	Red Vertosol	Y	Y	Y	N	Y	Y	Y	N	Y	Y	Y	Not BSAL
45	614873	6392356	Detailed	Red Vertosol	Y	Y	Y	N	Y	Y	Y	Y	N	N	Alkalinity /Salinity	Not BSAL
49	615217	6392467	Detailed	Brown Vertosol	Y	Y	Y	N	Y	Y	N	N	N	N	Alkalinity /Salinity	Not BSAL
51	614589	6391321	Exclusion	Vertosol obs	Y	Y	Y	N	Y	*	*	*	*	*	*	Not BSAL
52	615230	6392185	Exclusion	Vertosol obs	Y	Y	Y	N	Y	*	*	*	*	*	*	Not BSAL
53	614291	6391118	Exclusion	Vertosol obs	Y	Y	Y	N	Y	*	*	*	*	*	*	Not BSAL
54	613888	6389819	Exclusion	Vertosol obs	Y	Y	Y	N	Y	*	*	*	*	*	*	Not BSAL
101	613194	6390900	Exclusion	Vertosol obs	Y	Y	Y	N	Y	*	*	*	*	*	*	Not BSAL
102	613213	6390649	Exclusion	Vertosol obs	Y	Y	Y	N	Y	*	*	*	*	*	*	Not BSAL
103	613186	6391252	Exclusion	Vertosol obs	Y	Y	Y	N	Y	*	*	*	*	*	*	Not BSAL
105	613534	6394235	Exclusion	Vertosol obs	Y	Y	Y	N	Y	*	*	*	*	*	*	Not BSAL
119	614959	6389457	Exclusion	Vertosol obs	Y	Y	Y	N	Y	*	*	*	*	*	*	Not BSAL

6.3. Sodosol Soils Non-BSAL Mapping Unit

The Sodosol soil mapping unit (12 sites over 306 ha) comprised the remainder of undisturbed soils in the BSAL Assessment Area. It is dominated by flat alluvial plains and stagnant alluvial plains, with the tail ends of small footslopes from small outcrops to the east and south west of the map and includes shallow (< 1 m deep) broad drainage depressions, plains and small prior stream landform elements. The landscape is dominated by imperfectly to moderately well drained Red Sodosols (Table 6.5) with minor occurrences of Red Chromosols and single occurrences of Red Vertosols and Stratic Rudosols. None of the soils within this unit qualify as BSAL soils (Table 6.6). At the time of profile description and sampling the soils of this unit were wet and had highly dilatant topsoils, unlike the adjacent Chromosol dominated unit. This area corresponded to a range of alluvial RMUs (Aap1, ACah5, Aed1, Aed5, Aed6, Apd6 and Acah5) which do not contain an abundance of mafic alluvial material and which were not underlain by mafic subcrop. Any small areas of aeolian dust in this landscape were very thin (< 5 cm) and these did not appear to have a positive impact on soil properties. Although the dominant Sodosols in this mapping unit look very similar to those in the Chromosol unit, they have impeded drainage, lower wet bearing strength and sodicity in upper subsoils which further impedes profile permeability.



Table 6.5. Representative Soil Test Pit Profile: Sodosol map unit.

	
<p>Soil Test Pit MT 015</p>	<p>Landscape view, soil test pit MT 015</p>
<p>Australian Soil Classification</p>	<p>Eutrophic Mottled-Subnatric Red Sodosol.</p>
<p>Other Soil Types in Landscape</p>	<p>Red Chromosol, Red Chromosol, Red Dermosol</p>
<p>All Soil Test Pits in Landscape</p>	<p>MT 001, 002, 009, 012, 014, 015, 030, 031, 037, 040, 047 and 114.</p>

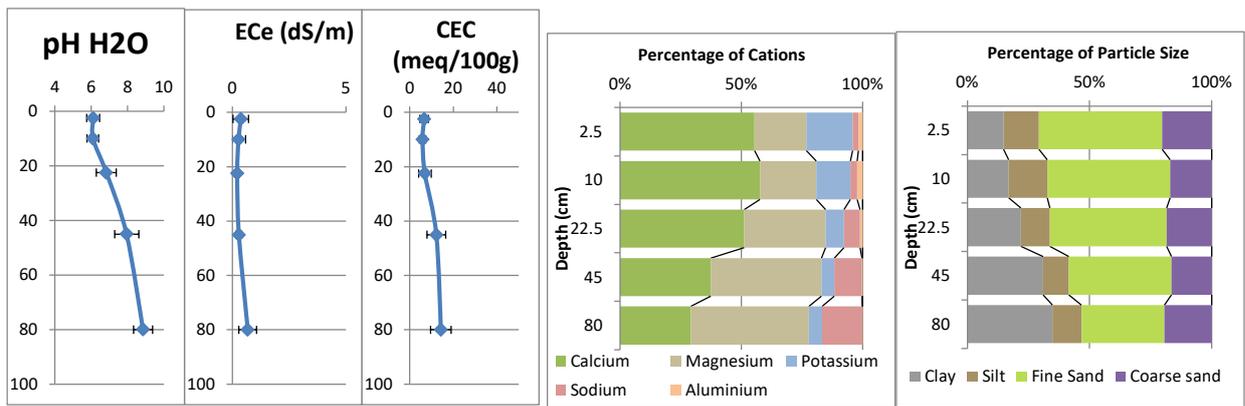


Figure 6.4. Chemistry and PSA range for Sodosol map unit. Error bars are Standard Deviation from the mean.

Table 6.6. Summary of BSAL Characteristics for Sodosol map unit.

Profile Number	MGA Easting	MGA Northing	BSAL SiteType	ASC	Step 1 Slope < 10%	Step 2 Rock Outcrop < 30%	Step 3 Rock Fragment Abundance < 20%	Step 4 No Gilgai > 50% and > 500 mm deep	Step 5 Slope < 5%	Step 7 ASC Fertility Moderate or Better	Step 8 Depth to physical barrier > 750 mm	Step 9 BSAL Drainage > poor	Step 10 pH(H ₂) < 9 at < 600 mm	Step 11 Ece < 4 at < 600 mm depth	Step 12 Depth to chemistry barrier > 50 mm	BSAL Status
1	613007	6392763	Detailed	Red Sodosol	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Not BSAL
2	612653	6392463	Detailed	Red Sodosol	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Not BSAL
9	612666	6390385	Detailed	Red Sodosol	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Not BSAL
12	613287	6392159	Detailed	Red Chromosol	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Not BSAL
14	614072	6392796	Detailed	Red Sodosol	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Not BSAL
15	614002	6393019	Detailed	Red Sodosol	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Not BSAL
30	614044	6388708	Detailed	Brown Sodosol	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Not BSAL
31	613924	6389487	Detailed	Red Sodosol	Y	Y	Y	Y	Y	N	Y	Y	N	Y	Alkalinity	Not BSAL
37	613962	6390278	Detailed	Red Sodosol	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Not BSAL
40	614879	6390711	Detailed	Red Sodosol	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Not BSAL
47	614846	6391042	Detailed	Red Sodosol	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Not BSAL
114	613421	6388665	Detailed	Red Dermosol	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Alkalinity	Not BSAL

6.4. Disturbed Non-BSAL Mapping Unit

A small area of disturbed terrain (1 site on 13.3 ha) occurred in the northern section of the BSAL Assessment Area (Tables 6.7 – 6.8). This area was comprised of dumped fines and fly ash from previous mine activity and was highly visible in the DEM and on the ground mostly as a man-made mound and an area of fill. This area became the Disturbed Terrain soil map unit. One inspection pit was made in this landscape and although there was a good native vegetation cover, the soils were alkaline and saline and would generally be unsuitable for normal agricultural enterprises (Figure 6.4).

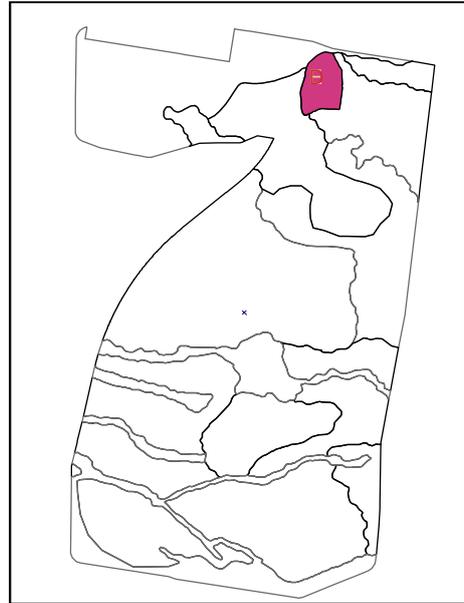


Table 6.7. Representative Soil Test Pit Profile: Disturbed Non-BSAL map unit.

	
Soil Test Pit TM 050	Landscape view, soil test pit TM 050
Australian Soil Classification	Giant Cumulic Anthrosol
Other Soil Types in Landscape	Anthrosols and probably buried natural soils at fringes
All Soil Test Pits in Landscape	MT 050

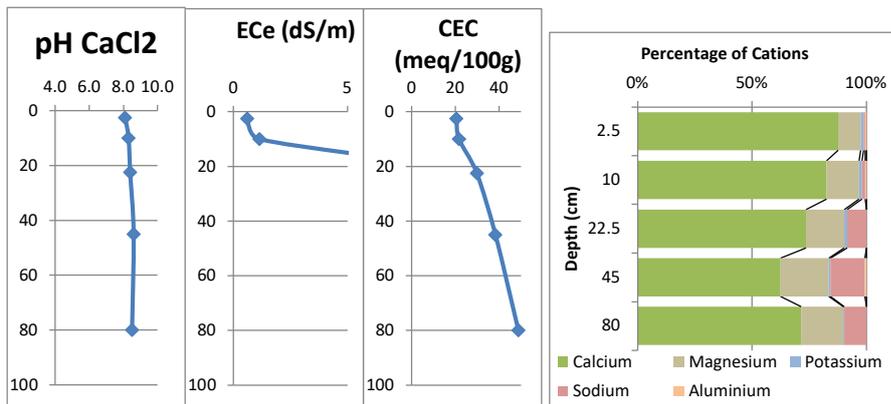


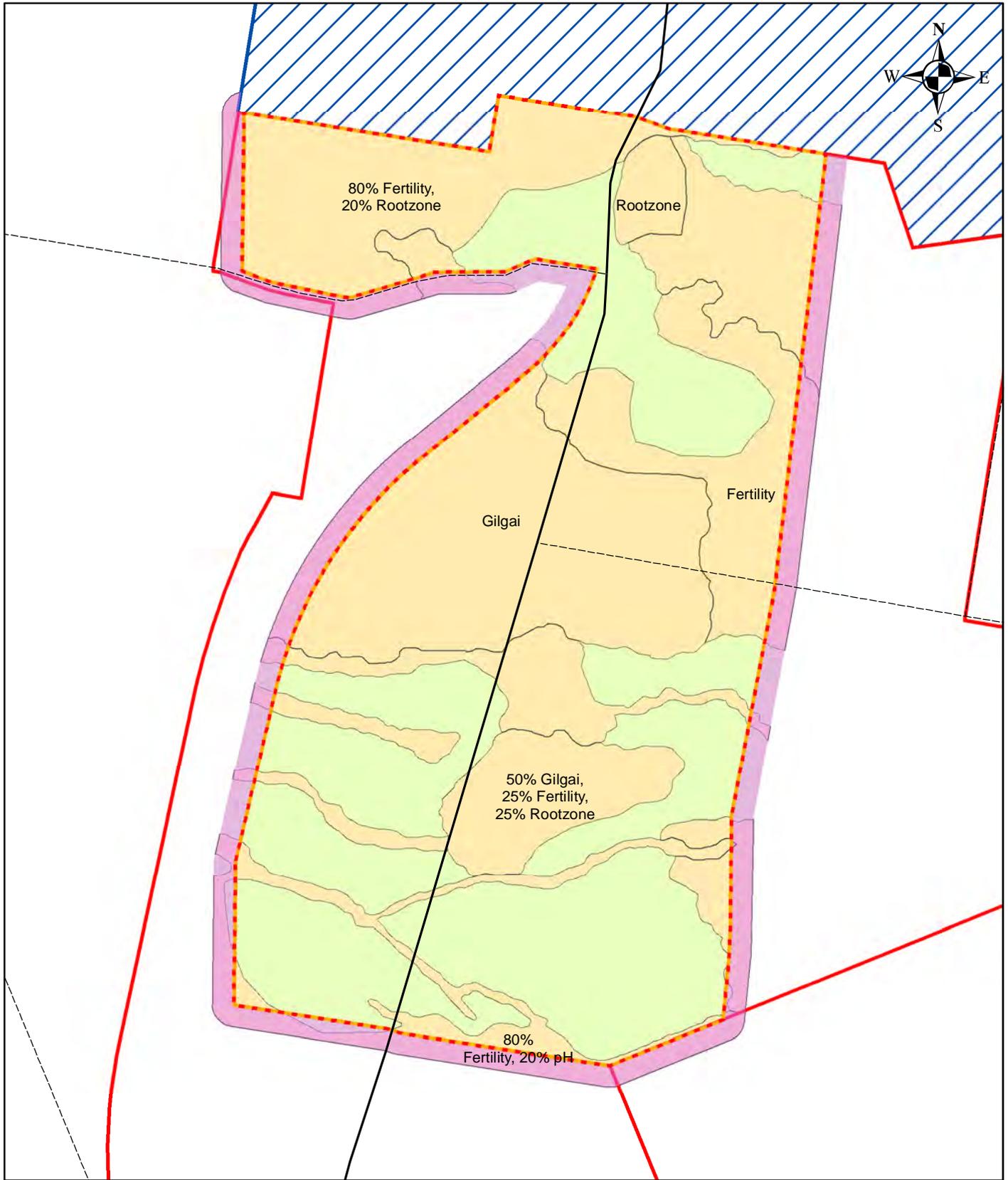
Figure 6.5. Chemistry for Anthrosol map unit. Error bars are Standard Deviation from the mean.

Table 6.8. Summary of BSAL Characteristics for Anthroposol map unit.

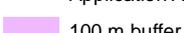
Profile Number	MGA Easting	MGA Northing	BSAL SiteType	ASC	Step 1 Slope < 10%	Step 2 Rock Outcrop <30%	Step3 Rock Fragment Abundance <20%	Step 4 No Gilgais>50% and >500 mm deep	Step 5 Slope < 5%	Step 7 ASC Fertility Moderate or Better	Step 8 Depth to physical barrier > 750 mm	Step 9 BSAL Drainage > poor	Step 10 pH(H2) <9 at < 600 mm	Step 11 Ece <4 at <600 mm depth	Step12 Depth to chemistry barrier > 50 mm	BSAL Status
50	614472	6392784	Detailed	Cumulic Anthroposol	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	Not BSAL

7. CONCLUSIONS

- The dominant soil unit map and profile data presented above were assembled spatially so that each soil unit was grouped as BSAL or Non-BSAL.
- All BSAL units which had an area of < 20 ha were grouped into a Non-BSAL mapping unit.
- BSAL mapping units that had ≥ 20 ha continuous extent either within the BSAL Assessment Area, or had a mappable extent extending beyond the BSAL Assessment Area were mapped and identified (Figure 7.1).
- The final BSAL map shows that the BSAL Assessment Area had 385 ha of BSAL which may require special consideration during further expansion of mining activities.



Legend

BSALRate	BSAL Assessment	MineSiteBoun...	Road Class
 No	 Gateway Certificate Application Area	 SAR Mine Site	 2
 Yes	 100 m buffer	 TGO Mine Site	 3
			 4
			 5

SCALE 1:25,000 (A4)

500 250 0 500 Metres



Projection: UTM
 Project Area: RW Corkery
 Roads: NSW Minerals

Figure 7.1. Biophysical Strategic Agricultural Land

8. REFERENCES

- Banks, R., Wendling, L., Basford, K., Ringrose-Voase, A., & Banks, V. 2020. Beneficial soil profile differences associated with tropical grass pastures on sodic texture contrast soils in Northern New South Wales. *Soil Research*, 58(2), 207-218.
- Department of Planning, Industry and Environment. 2014. Strategic Regional Landuse Policy (SRLUP) – Biophysical. Polygon dataset downloaded from <https://datasets.seed.nsw.gov.au/dataset/srlup-salbiophysical> on 19/6/2017.
- Isbell, R., & NCST. 2016. The Australian Soil Classification. 2nd Edition. CSIRO Publishing, Clayton South, Australia
- Jacquier, D., & Seaton, S. 2012. Spline Tool for estimating soil attributes at standard depths. Distribution notes. CSIRO Canberra.
- NCST. 2009. Australian Soil and Land Survey Field Handbook. (3rd ed.). CSIRO Publishing, Collingwood, VIC, Australia.
- Office of Environment and Heritage and Office of Agricultural Sustainability & Food Security. 2013. Interim protocol for site verification and mapping of biophysical agricultural land. NSW Government. 32 pp.
- Roach, I. C. (2007). Tomingley 1:25 000 Regolith-Landforms Map, central west New South Wales. CRC LEME Open File Report 233, 31 pp.
- Sherwin, L. 1996. Narromine 1: 250,000 Geological Sheet SI/55-3: Explanatory notes. Geological Survey of New South Wales, Sydney, 104 pp.

APPENDIX I

Soil Profile Descriptions

Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT001 Hypocalcic Mesonatric Red Sodosol

Excavated on: **21/07/2020** Logged by: **Dr Robert Banks** 613007m E, 6392763m N, (WGS84), 263.1m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **85%**
 Surface Condition Wet: **soft** Dry: **hard set**

Topography

Slope: **1%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown silty clay loam with massive grade of structure and earthy . Moist. Clear boundary to:	5.5	0.5	0	0.2	
	A2		Reddish brown silty clay loam with massive grade of structure and earthy . Moist. Clear boundary to:	5.5	0.5	0	0.2	
50	B1		Reddish brown light medium clay with strong grade of angular blocky structure and smooth-faced 1.5 cm peds, breaking to polyhedral peds of 0.7 cm. Moderately moist. Clear boundary to:	6.5	0.5	0	0.4	
100	C		Red sandy loam with massive grade of structure and earthy . Soil had 15% faint, unspecified mottles. Slight effervescence to 1 Molar HCl. Dry.	8.5	0.5	0	1.6	
			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **alluvium**
 Base of Observations:
layer continues
 Rootzone: **60cm**
Moderately well drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT002 Eutrophic Subnatric Red Sodosol

Excavated on: **21/07/2020** Logged by: **Dr Robert Banks** 612653m E, 6392463m N, (WGS84), 261.9m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: %
 Surface Condition Wet: **firm** Dry: **hard set**

Topography

Slope: **1%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

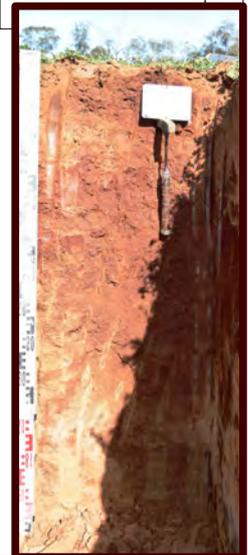
DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown clay loam with massive grade of structure and earthy . Moderately moist. Sharp boundary to:	6.5			1.4	
	A2		Dark reddish brown silty clay loam with massive grade of structure and earthy . Moderately moist. Sharp boundary to:	6.5			1.3	
	B2		Dark red medium heavy clay with strong grade of angular blocky structure and smooth-faced 1.5 cm peds. Moderately moist. Gradual boundary to:	6.5			0.4	
50	BC		Dark reddish brown medium heavy clay with moderate grade of angular blocky structure and smooth-faced 2.5 cm peds. Dry. Gradual boundary to:	6.5			0.2	
	C		Reddish brown clayey sand with massive grade of structure and earthy . Very few (<2%), substrate fine gravel (2-6mm). Dry.	6.5			0.2	
100			COMMENTS: 0					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **80cm**
Moderately well drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources

Detailed pit MT003 Haplic Eutrophic Red Chromsol

Excavated on: **21/07/2020** Logged by: **Dr Robert Banks** 613290m E, 6392469m N, (WGS84), 263.6m AHD

Landscape Properties

Landform Element: **plain**

Vegetation Community:

Growth Form:

Site Disturbance: **occasional cultivation**

Land Use: **improved pasture**

Groundcover: **70%**

Surface Condition Wet: **firm**

Dry: **hard set**

Topography

Slope: **1%** Flat Aspect

Site Morphology: **flat**

Slope Morphology: **Minimal**

Microrelief: **none** Depth: Extent:

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown clay loam with massive grade of structure and earthy . Moderately moist. Abrupt boundary to:	6	0.5	0.5	0.2	
	B1		Reddish brown medium heavy clay with strong grade of angular blocky structure and smooth-faced 1.5 cm peds. Moderately moist. Clear boundary to:	5.5			0.1	
50	B2		Dark red light medium clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Moderately moist. Gradual boundary to:	6			0.1	
100	BC		Reddish brown sandy clay loam with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Few (2-10%), medium (2-6mm), weak, calcareous root linings. Soil had 7% distinct, dark, unspecified mottles. Slight effervescence to 1 Molar HCl. Dry. Clear boundary to:	6			0.3	
	C		Reddish brown clayey sand with massive grade of structure and earthy . Few (2-10%), coarse (6-20mm), , calcareous nodules. High effervescence to 1 Molar HCl. Dry.	9				
			COMMENTS: 0					

Lithology

Substrate: **alluvium**

Base of Observations:

soil continues

Rootzone: **80cm**

Moderately well drained

Moderately permeable

Bottom of hole at 140



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT004 Episodic-Epicareous Epipedal Red Vertosol

Excavated on: **21/07/2020** Logged by: **Dr Robert Banks** 613566m E, 6392377m N, (WGS84), 264.7m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: %
 Surface Condition Wet: **firm** Dry: **cracked**

Topography

Slope: **1%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **gilgai** Depth: **70** Extent: **> 50% area**
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown light clay with strong grade of polyhedral structure and smooth-faced 0.5 cm peds. Moderately moist. Gradual boundary to:	6.5	0.5	0.5	0.5	
	B2		Yellowish red medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Slight effervescence to 1 Molar HCl. Moist. Gradual boundary to:	8.5			0.2	
50							0.3	
	B2		Brown light medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Few (2-10%), medium (2-6mm), weak, calcareous soft segregations. Soil had 15% distinct, yellow, unspecified mottles. High effervescence to 1 Molar HCl. Wet. Diffuse boundary to:	9			1	
100								
	B22		Brown light medium clay with strong grade of polyhedral structure and smooth-faced 1 cm peds. Common (10-20%), coarse (6-20mm), weak, calcareous soft segregations. Soil had 15% distinct, grey, unspecified mottles. High effervescence to 1 Molar HCl. Wet.	9				
			COMMENTS: 0 Bottom of hole at 130					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **80cm**
Very poorly drained
Very slowly permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT005 Haplic Hypocalcic Red Chromosol

Excavated on: **21/08/2020** Logged by: **Dr Robert Banks** 613911m E, 6392508m N, (WGS84), 266.2m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **90%**
 Surface Condition Wet: **firm** Dry: **hard set**

Topography

Slope: **1%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

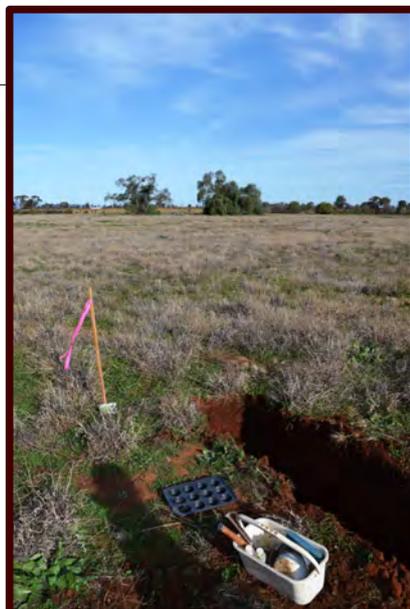
DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown silty clay loam with massive grade of structure and earthy . Moist. Abrupt boundary to:	6	0.5	0	0.3	
	B1		Red medium clay with strong grade of angular blocky structure and smooth-faced 1.5 cm peds. Moist. Gradual boundary to:	6	0.5	0	0.1	
50							0.1	
	B2		Red medium clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Moist. Gradual boundary to:	7.5	0.5	0	0.2	
100								
	B22		Reddish brown medium heavy clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Few (2-10%), very coarse (20-60mm), weak, calcareous soft segregations. Slight effervescence to 1 Molar HCl. Dry.	8.5	0.5	0		
			COMMENTS: 0					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **130cm**
Moderately well drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT006 Episodic-Epiclcareous Epipedal Grey Vertosol

Excavated on: **21/07/2020** Logged by: Dr Robert Banks 613713m E, 6391268m N, (WGS84), 265.9m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **60%**
 Surface Condition Wet: **firm** Dry: **cracked**

Topography

Slope: **3%** Southern Aspect
 Site Morphology: **open depression**
 Slope Morphology: **Minimal**
 Microrelief: **gilgai** Depth: **70** Extent: **> 50% area**
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A		Dark yellowish brown medium heavy clay with strong grade of polyhedral structure and smooth-faced 0.5 cm peds. Common (10-20%), parent material fine gravel (2-6mm). Soil had 7% faint, unspecified mottles. Wet. Abrupt boundary to:	8.5	0.5	0.5	0.8	
	A1		Brown heavy clay with strong grade of prismatic structure and smooth-faced 1.5 cm peds. Few (2-10%), parent material fine gravel (2-6mm). Few (2-10%), coarse (6-20mm), , calcareous soft segregations. Slight effervescence to 1 Molar HCl. Moist. Clear boundary to:	9			2.1	
50	B2		Greyish brown heavy clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Dry. Gradual boundary to:	9			1.9	
	B22		Light brownish grey heavy clay with strong grade of prismatic structure and smooth-faced 5.5 cm peds. Common (10-20%), very coarse (20-60mm), , calcareous soft segregations. High effervescence to 1 Molar HCl. Dry.	9			2	
100							4.2	
			COMMENTS: 0					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **130cm**
Very poorly drained
Very slowly permeable

Bottom of hole at 140



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT007 Episodic-Epicareous Epipedal Grey Vertosol

Excavated on: **21/08/2020** Logged by: Dr Robert Banks 613772m E, 6390919m N, (WGS84), 266.7m AHD

Landscape Properties

Landform Element: **plain**

Vegetation Community:

Growth Form:

Site Disturbance: **extensive clearing**

Land Use: **volun./native pasture** Groundcover: **15%**

Surface Condition Wet: **firm**

Topography

Slope: **0%** Flat Aspect

Site Morphology: **open depression**

Slope Morphology: **Minimal**

Microrelief: **gilgai** Depth: **70** Extent: **> 50% area**

Rock Outcrop:

Dry: **hard set**

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark yellowish brown medium clay with strong grade of polyhedral structure and smooth-faced 0.7 cm peds. Few (2-10%), parent material fine gravel (2-6mm). Soil had 2% unspecified mottles. Moist. Clear boundary to:	9	0.5	0.5	0.6	
	B1		Dark greyish brown heavy clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Many (20-50%), very coarse (20-60mm), weak, calcareous soft segregations. Soil had 7% distinct, orange, unspecified mottles. High effervescence to 1 Molar HCl. Moderately moist. Gradual boundary to:	9	1	0.5	1.2	
50	B1		Greyish brown heavy clay with strong grade of prismatic structure and smooth-faced 10.5 cm peds. Few (2-10%), coarse (6-20mm), weak, calcareous soft segregations. Soil had 7% faint, gley, unspecified mottles. Slight effervescence to 1 Molar HCl. Dry.	6			19.4	
100							12.7	
			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **alluvium**

Base of Observations:

layer continues

Rootzone: **50cm**

Very poorly drained

Very slowly permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT008 Haplic Hypocalcic Red Chromosol

Excavated on: **22/07/2020** Logged by: **Dr Robert Banks** 613183m E, 6390344m N, (WGS84), 263.4m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **50%**
 Surface Condition Wet: **firm** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown silty clay loam with massive grade of structure and earthy . Moist. Clear boundary to:	6	0.5	0	0.5	
	A2		Dark reddish brown clay loam with massive grade of structure and earthy . Moderately moist. Clear boundary to:	7	0.5	0	0.1	
50	B2		Reddish brown heavy clay with strong grade of angular blocky structure and smooth-faced 1.5 cm peds. Moderately moist. Gradual boundary to:	7.5	0.5	0	0.1	
	B22		Red medium clay with strong grade of prismatic structure and smooth-faced 1.5 cm peds, breaking to polyhedral peds of 0.7 cm. Very few (<2%), medium (2-6mm), weak, calcareous soft segregations. Soil had 7% distinct, red, unspecified mottles. Dry. Gradual boundary to:	7.5	0.5	0	0.3	
100	BC		Yellowish red light medium clay with moderate grade of prismatic structure and smooth-faced 2.5 cm peds, breaking to polyhedral peds of 0.7 cm. Very few (<2%), medium (2-6mm), weak, calcareous soft segregations. Soil had 7% distinct, red, unspecified mottles. Dry.	8	0.5	0		
			COMMENTS: 0 Bottom of hole at 135					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **120cm**
Well drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT009 Hypocalcic Mesonatric Red Sodosol

Excavated on: **22/07/2020** Logged by: **Dr Robert Banks** 612666m E, 6390385m N, (WGS84), 261.3m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **70%**
 Surface Condition Wet: **firm** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown sandy loam with massive grade of structure and earthy . Moist. Clear boundary to:	5.5	0.5	1	0.2	
	A2		Red clayey sand with massive grade of structure and earthy . Moist. Clear boundary to:	6			0.2	
50	B1		Red heavy clay with strong grade of angular blocky structure and smooth-faced 1.5 cm peds. Moderately moist. Diffuse boundary to:	6.5			0.5	
100	BC		Strong brown light medium clay with moderate grade of angular blocky structure and smooth-faced 2.5 cm peds. Few (2-10%), coarse (6-20mm), strong, manganiferous nodules. Soil had 15% distinct, grey, unspecified mottles. Slight effervescence to 1 Molar HCl. Dry.	8.5			0.9	
150			COMMENTS: 0 Bottom of hole at 150					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **85cm**
Moderately well drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT010 **Vertic Hypocalcic Red Chromsol**

Excavated on: **22/07/2020** Logged by: **Dr Robert Banks** 612788m E, 6390064m N, (WGS84), 261.8m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **50%**
 Surface Condition Wet: **firm** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dusky red clay loam with massive grade of structure and earthy . Moist. Clear boundary to:	6	0.5	0	0.1	
	A2		Dark reddish brown clay loam with massive grade of structure and earthy . Moist. Clear boundary to:	6			0.1	
50	B1		Red medium heavy clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Slight effervescence to 1 Molar HCl. Moderately moist. Gradual boundary to:	7			0.2	
100	B2		Reddish brown heavy clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds, breaking to angular blocky peds of 1.5 cm. Few (2-10%), very coarse (20-60mm), weak, calcareous soft segregations. High effervescence to 1 Molar HCl. Moderately moist. Gradual boundary to:	8.5			0.5	
	B22		Yellowish red light medium clay with strong grade of structure and smooth-faced . Very few (<2%), very coarse (20-60mm), weak, calcareous soft segregations. Soil had 7% distinct, red, unspecified mottles. Slight effervescence to 1 Molar HCl. Dry.	7.5				
			COMMENTS: 0					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **120cm**
Moderately well drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources

Detailed pit MT011

Vertic Mesonatric Red Sodosol

Excavated on: **22/07/2020** Logged by: Dr Robert Banks 613271m E, 6389992m N, (WGS84), 264m AHD

Landscape Properties

Landform Element: **plain**

Vegetation Community:

Growth Form:

Site Disturbance: **occasional cultivation**

Land Use: **improved pasture**

Surface Condition Wet: **firm**

Groundcover: **65%**

Dry: **hard set**

Topography

Slope: **0%** Flat Aspect

Site Morphology: **flat**

Slope Morphology: **Minimal**

Microrelief: **none** Depth: Extent:

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown silty clay loam with massive grade of structure and earthy . Dry. Abrupt boundary to:	6	0.5	1	0.1	
	B1		Yellowish red medium clay with strong grade of angular blocky structure and smooth-faced 1.5 cm peds. Moderately moist. Gradual boundary to:	6.5	0.5	1	0.5	
50	B2		Red medium heavy clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Common (10-20%), very coarse (20-60mm), weak, calcareous soft segregations. High effervescence to 1 Molar HCl. Dry. Diffuse boundary to:	8.5	0.5	1	1.7	
100	B22		Brown light medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Few (2-10%), very coarse (20-60mm), weak, calcareous soft segregations. Soil had 2% faint, red, unspecified mottles. High effervescence to 1 Molar HCl. Dry.	8.5	0.5	1	4.6	
			COMMENTS: 0					

Lithology

Substrate: **alluvium**

Base of Observations:

soil continues

Rootzone: **140cm**

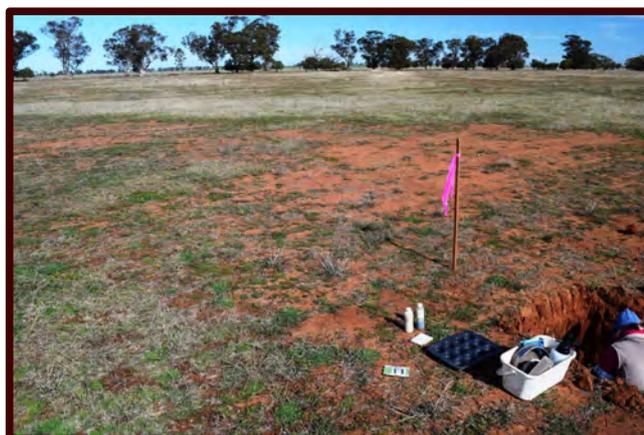
Well drained

Moderately permeable

Bottom of hole at 140



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Tomingley Gold Extension Project for Alkane Resources

Detailed pit MT012

Sodic Eutrophic Red Chromosol

Excavated on: **22/07/2020** Logged by: **Dr Robert Banks** 613287m E, 6392159m N, (WGS84), 263.5m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **90%**
 Surface Condition Wet: **soft** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Reddish brown silty clay loam with massive grade of structure and earthy . Wet. Clear boundary to:	6	0.5	1	0.2	
	A2		Reddish brown silty loam with massive grade of structure and earthy . Wet. Abrupt boundary to:	6			0.1	
50	B1		Red light clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Soil had 25% unspecified mottles. Wet. Gradual boundary to:	6.5			0.1	
	B22		Strong brown medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Soil had 25% unspecified mottles. Wet.	7			0.2	
			COMMENTS: 0					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **70cm**
Imperfectly drained
Slowly permeable



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Tomingley Gold Extension Project for Alkane Resources

Detailed pit MT013

Vertic Hypocalcic Red Chromosol

Excavated on: **22/08/2020** Logged by: **Dr Robert Banks** 614153m E, 6392061m N, (WGS84), 267.1m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **rained cultivation**
 Land Use: **improved pasture** Groundcover: **95%**
 Surface Condition Wet: **firm** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dusky red clay loam with massive grade of structure and earthy . Moist. Clear boundary to:	6	0.5	0	0.2	
	B1		Dark reddish brown light clay with strong grade of angular blocky structure and smooth-faced 1.5 cm peds. Moist. Gradual boundary to:	6.5	0.5	0	0.2	
50	B2		Dark yellowish brown medium clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Moist. Diffuse boundary to:	7	0.5	0	0.1	
100	B22		Red medium clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Few (2-10%), very coarse (20-60mm), weak, calcareous soft segregations. Slight effervescence to 1 Molar HCl. Moderately moist. COMMENTS: 0	8	0.5	0	0.2	

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **120cm**
Moderately well drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT014 Eutrophic Mottled-Subnatric Red Sodosol

Excavated on: **22/07/2020** Logged by: **Dr Robert Banks** 614072m E, 6392796m N, (WGS84), 266.6m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **rained cultivation**
 Land Use: **improved pasture** Groundcover: **80%**
 Surface Condition Wet: **soft** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown clay loam with massive grade of structure and earthy . Moist. Abrupt boundary to:	5.5	0.5	1	0.6	
	A2		Red silty clay loam with massive grade of structure and earthy . Wet. Clear boundary to:	6	0.5	1	0.3	
50	B1		Red light medium clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Soil had 7% distinct, unspecified mottles. Moist. Gradual boundary to:	6	0.5	1	0.2	
	C		Reddish brown sandy loam with massive grade of structure and earthy . Soil had 15% distinct, unspecified mottles. Slight effervescence to 1 Molar HCl. Moderately moist.	6	0.5	1	0.5	
100			COMMENTS: 0 Bottom of hole at 130					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **70cm**
Imperfectly drained
Slowly permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed batter MT015 Eutrophic Mottled-Subnatric Red Sodosol

Excavated on: **22/07/2020** Logged by: Dr Robert Banks 614002m E, 6393019m N, (WGS84), 266.5m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **60%**
 Surface Condition Wet: **soft** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Reddish brown silty clay loam with massive grade of structure and earthy . Wet. Clear boundary to:	5.5	0.5	1	0.2	
	A2		Reddish brown silty clay loam with massive grade of structure and earthy . Moist. Sharp boundary to:	5.5			0.4	
	B2		Yellowish red medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Soil had 7% faint, unspecified mottles. Moist. Clear boundary to:	6			0.4	
50							0.5	
	0		Red clayey sand with massive grade of structure and earthy . Many (20-50%), parent material fine gravel (2-6mm). Dry.	7.5			0.8	
100								
			COMMENTS: 0					

Lithology

Substrate: **alluvium**
 Base of Observations: **soil continues**
 Rootzone: **65cm**
Imperfectly drained
Slowly permeable



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Tomingley Gold Extension Project for Alkane Resources

Detailed pit MT021 Haplic Hypocalcic Brown Chromosol

Excavated on: 23/07/2020 Logged by: Dr Robert Banks 612839m E, 6389353m N, (WGS84), 262.5m AHD

Landscape Properties

Landform Element: **footslope**

Vegetation Community:

Growth Form:

Site Disturbance: **cleared, no cultivation**

Land Use: **improved pasture**

Surface Condition Wet: **firm**

Groundcover: **70%**

Dry: **hard set**

Topography

Slope: **1%** Northeastern Aspect

Site Morphology: **lower slope**

Slope Morphology: **Waning**

Microrelief: **none** Depth: Extent:

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown silty clay loam with moderate grade of crumb structure and smooth-faced 0.5 cm peds. Moist. Abrupt boundary to:	6	0.5	1	0.3	
	B1		Reddish brown light medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Moist. Clear boundary to:	6.5			0.1	
50	B2		Strong brown medium heavy clay with strong grade of prismatic structure and smooth-faced 5.5 cm peds. Few (2-10%), fine (<2mm), weak, calcareous root linings. Soil had 15% prominent, dark, unspecified mottles. Moist. Clear boundary to:	8.5			0.4	
100	B22		Brownish yellow silty clay with strong grade of prismatic structure and smooth-faced 5.5 cm peds. Very few (<2%), substrate gravel (6-20mm). Few (2-10%), coarse (6-20mm), weak, calcareous soft segregations. Soil had 15% prominent, dark, unspecified mottles. Moist.	8			0.4	
			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **alluvium**

Base of Observations:

soil continues

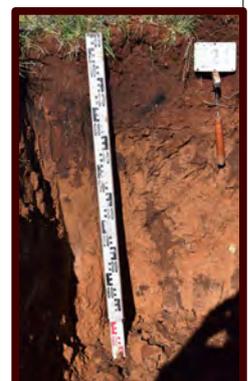
Rootzone: **120cm**

Imperfectly drained

Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources

Detailed pit MT022 Hypocalcic Subnatric Red Sodosol

Excavated on: **23/07/2020** Logged by: Dr Robert Banks 612337m E, 6388951m N, (WGS84), 260.7m AHD

Landscape Properties

Landform Element: **footslope**

Vegetation Community:

Growth Form:

Site Disturbance: **cleared, no cultivation**

Land Use: **improved pasture**

Surface Condition Wet: **firm**

Groundcover: **100%**

Dry: **hard set**

Topography

Slope: **3%** Flat Aspect

Site Morphology: **lower slope**

Slope Morphology: **Minimal**

Microrelief: **none** Depth: Extent:

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Reddish brown silty clay loam with weak grade of crumb structure and smooth-faced. Moist. Abrupt boundary to:	5.5	0.5	0	0.3	
	B1		Yellowish red medium heavy clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Moist. Clear boundary to:	6.5	0.5	0	0.2	
50	B2		Yellowish red medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Few (2-10%), coarse (6-20mm), weak, calcareous soft segregations. Moist. Clear boundary to:	7.5	0.5	0	0.3	
100	B22		light clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Very few (<2%), coarse (6-20mm), weak, calcareous soft segregations. Soil had 7% red, unspecified mottles. Slight effervescence to 1 Molar HCl. Moist.	7.5	0.5	0	0.8	
	COMMENTS: 0 Bottom of hole at 110							

Lithology

Substrate: **alluvium**

Base of Observations:

soil continues

Rootzone: **120cm**

Moderately well drained

Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT023 Haplic Hypocalcic Red Chromosol

Excavated on: **23/07/2020** Logged by: Dr Robert Banks 612878m E, 6388994m N, (WGS84), 263m AHD

Landscape Properties

Landform Element: **footslope**

Vegetation Community:

Growth Form:

Site Disturbance: **rainfed cultivation**

Land Use: **improved pasture**

Surface Condition Wet: **firm**

Groundcover: **85%**

Dry: **hard set**

Topography

Slope: **1%** Flat Aspect

Site Morphology: **lower slope**

Slope Morphology: **Waning**

Microrelief: **none** Depth: Extent:

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Reddish brown sandy clay loam with massive grade of structure and earthy . Moist. Abrupt boundary to:	5.5	0.5	0	0.2	
	B2		Red medium clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Moderately moist. Diffuse boundary to:	6.5	0.5	0	0.1	
50							0.1	
	B22		Yellowish red medium heavy clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Few (2-10%), coarse (6-20mm), weak, calcareous soft segregations. Soil had 7% red, unspecified mottles. High effervescence to 1 Molar HCl. Moderately moist.	8	0	0.5	0.1	
100								
			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **alluvium**

Base of Observations:

soil continues

Rootzone: **70cm**

Imperfectly drained

Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT024 Haplic Hypocalcic Red Chromosol

Excavated on: **23/07/2020** Logged by: Dr Robert Banks 613378m E, 6389472m N, (WGS84), 265m AHD

Landscape Properties

Landform Element: **plain**

Vegetation Community:

Growth Form:

Site Disturbance: **cleared, no cultivation**

Land Use: **improved pasture**

Surface Condition Wet: **soft**

Groundcover: **80%**

Dry: **hard set**

Topography

Slope: **2%** Flat Aspect

Site Morphology: **flat**

Slope Morphology: **Minimal**

Microrelief: **none** Depth: Extent:

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown silty clay loam with massive grade of structure and earthy . Moist. Abrupt boundary to:	6	0.5	0.5	0.2	
	B2		Red light medium clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Few (2-10%), medium (2-6mm), weak, calcareous soft segregations. Moist. Diffuse boundary to:	6.5	0.5	0.5	0.2	
50							0.2	
	B2		Strong brown sandy clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Very few (<2%), medium (2-6mm), weak, calcareous soft segregations. Soil had 7% grey, unspecified mottles. Slight effervescence to 1 Molar HCl. Moist.	8	0.5	0.5	0.2	
100								
			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **alluvium**

Base of Observations:

soil continues

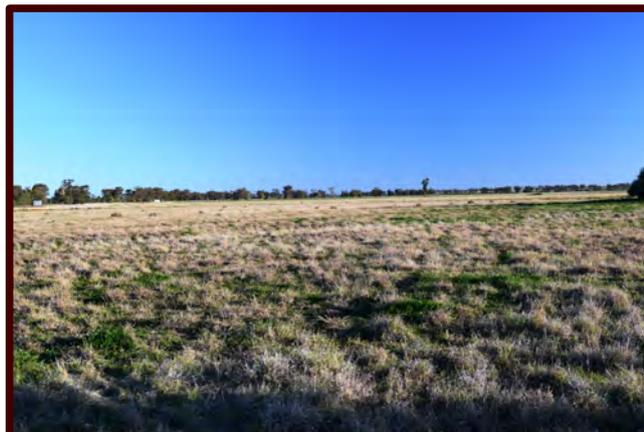
Rootzone: **80cm**

Moderately well drained

Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT025 Hypocalcic Mesonatric Red Sodosol

Excavated on: **24/07/2020** Logged by: Dr Robert Banks 613416m E, 6389726m N, (WGS84), 265m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **85%**
 Surface Condition Wet: **soft** Dry: **hard set**

Topography

Slope: **2%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown silty clay loam with massive grade of structure and earthy . Dry. Sharp boundary to:	5.5	0.5	0.5	0.2	
	A2		Red silty clay loam with massive grade of structure and earthy . Dry. Sharp boundary to:	5.5			0.1	
	B1		Red medium heavy clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Moist. Clear boundary to:	7			0.2	
50							0.5	
	2B1		sandy clay with moderate grade of prismatic structure and smooth-faced 2.5 cm peds. Abundant (50-90%), parent material gravel (6-20mm). Very few (<2%), medium (2-6mm), weak, calcareous soft segregations. Soil had 15% distinct, grey, unspecified mottles. Slight effervescence to 1 Molar HCl. Moist.	8			0.7	
100								
			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **75cm**
Imperfectly drained
Slowly permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT026 Haplic Hypocalcic Red Chromosol

Excavated on: **24/07/2020** Logged by: **Dr Robert Banks** 612752m E, 6389715m N, (WGS84), 261.9m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **70%**
 Surface Condition Wet: **firm** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

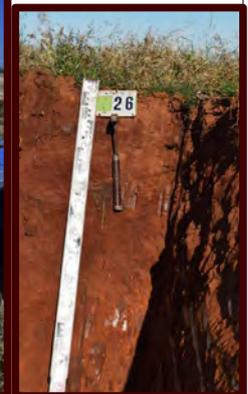
DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown silty clay loam with massive grade of structure and earthy . Moderately moist. Abrupt boundary to:	6	0.5	1	0.2	
	B2		Red medium clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Moist. Gradual boundary to:	7			0.2	
50							0.2	
	B22		Yellowish red medium heavy clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Very few (<2%), coarse (6-20mm), weak, calcareous soft segregations. Slight effervescence to 1 Molar HCl. Wet.	8			0.4	
100								
			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **120cm**
Moderately well drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT029 **Vertic Eutrophic Brown Chromosol**

Excavated on: **23/07/2020** Logged by: Dr Robert Banks 613919m E, 6389138m N, (WGS84), 267.5m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **95%**
 Surface Condition Wet: **firm** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments 0.5 1	Proportion Concretions 0.5 1	Lab ECe (dS/m)	SAMPLE
	A1		Dark brown silty clay loam with massive grade of structure and earthy . Dry. Abrupt boundary to:	5.5	↑	↑	0.2	
	A2		Brown silty clay loam with massive grade of structure and earthy . Moderately moist. Sharp boundary to:	5.5	↑	↑	0.2	
50	B1		Strong brown medium heavy clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Moderately moist. Gradual boundary to:	6.5	↑	↑	0.2	
100	B22		Dark yellowish brown medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Soil had 15% distinct, unspecified mottles. Moderately moist.	6	↑	↑	0.3	
			COMMENTS: 0 Bottom of hole at 130					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **120cm**
Imperfectly drained
Slowly permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT030 Vertic Mottled-Subnatric Brown Sodosol

Excavated on: **24/07/2020** Logged by: Dr Robert Banks 614044m E, 6388708m N, (WGS84), 268.4m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **90%**
 Surface Condition Wet: **firm** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Brown silty clay loam with massive grade of structure and earthy . Moderately moist. Sharp boundary to:	6	0.5	0	0.4	
	B1		Dark brown silty clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Moderately moist. Clear boundary to:	6	0.5	0	0.2	
50	B2		Brown medium heavy clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Soil had 7% prominent, unspecified mottles. Slight effervescence to 1 Molar HCl. Moderately moist. Gradual boundary to:	8	0.5	0	0.3	
	B22		Yellowish brown medium heavy clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Very few (<2%), medium (2-6mm), weak, calcareous soft segregations. Soil had 15% prominent, gley, unspecified mottles. Slight effervescence to 1 Molar HCl. Moderately moist.	8.5	0.5	0	0.8	
100			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **70cm**
Imperfectly drained
Slowly permeable



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Tomingley Gold Extension Project for Alkane Resources

Detailed pit MT031

Vertic Mottled-Subnatric Red Sodosol

Excavated on: **24/07/2020** Logged by: Dr Robert Banks 613924m E, 6389487m N, (WGS84), 267.3m AHD

Landscape Properties

Landform Element: **plain**

Vegetation Community:

Growth Form:

Site Disturbance: **occasional cultivation**

Land Use: **improved pasture**

Surface Condition Wet: **soft**

Groundcover: **65%**

Dry: **hard set**

Topography

Slope: **0%** Flat Aspect

Site Morphology: **flat**

Slope Morphology: **Minimal**

Microrelief: **none** Depth: Extent:

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown clay loam with massive grade of structure and earthy . Moderately moist. Clear boundary to:	5.5	0.5	1	0.2	
	A2		Reddish brown silty clay loam with massive grade of structure and earthy . Moderately moist. Abrupt boundary to:	6			0.1	
50	B2		Yellowish red light medium clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Soil had 7% unspecified mottles. Moderately moist. Gradual boundary to:	0			0.2	
	B22		Yellowish red sandy clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Very few (<2%), coarse (6-20mm), weak, calcareous soft segregations. Soil had 15% grey, unspecified mottles. Slight effervescence to 1 Molar HCl. Moderately moist. Gradual boundary to:	7			0.8	
100	BC		Yellowish red light medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Few (2-10%), parent material coarse gravel (20-60mm). Very few (<2%), medium (2-6mm), weak, calcareous soft segregations. Soil had 25% gley, unspecified mottles. Slight effervescence to 1 Molar HCl. Moderately moist.	8				
	COMMENTS: 0 Bottom of hole at 125							

Lithology

Substrate: **alluvium**

Base of Observations:

soil continues

Rootzone: **100cm**

Imperfectly drained

Slowly permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT032 Haplic Hypocalcic Red Chromosol

Excavated on: **24/07/2020** Logged by: **Dr Robert Banks** 614537m E, 6389186m N, (WGS84), 271.5m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **50%**
 Surface Condition Wet: **soft** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

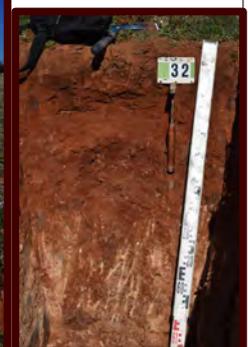
DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Reddish brown silty clay loam with massive grade of structure and earthy . Moderately moist. Sharp boundary to:	6.5	0.5	0	0.1	
	A2		Red sandy clay loam with massive grade of structure and earthy . Very few (<2%), fine (<2mm), , calcareous root linings. High effervescence to 1 Molar HCl. Moderately moist. Abrupt boundary to:	8.5	0.5	0	0.5	
50	2B2		Reddish brown light medium clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Few (2-10%), fine (<2mm), , calcareous root linings. High effervescence to 1 Molar HCl. Moderately moist. Gradual boundary to:	8.5	0.5	0	0.4	
	2C		Brown sandy clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Many (20-50%), parent material gravel (6-20mm). Very few (<2%), medium (2-6mm), , calcareous soft segregations. Soil had 7% grey, unspecified mottles. High effervescence to 1 Molar HCl. Moderately moist.	9	0.5	0	0.5	
100			COMMENTS: 0 Bottom of hole at 110				0.4	

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **80cm**
Moderately well drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT033 Hypocalcic Mottled-Subnatric Red **Sodosol**

Excavated on: **24/07/2020** Logged by: Dr Robert Banks 614557m E, 6388888m N, (WGS84), 271.4m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **60%**
 Surface Condition Wet: **soft** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown silty clay loam with massive grade of structure and earthy . Dry. Clear boundary to:	5.5	0.5	0	0.2	
	A2		Brown sandy clay loam with massive grade of structure and earthy . Moderately moist. Sharp boundary to:	5.5	0.5	0	0.1	
50	B1		Yellowish red medium heavy clay with strong grade of columnar structure and smooth-faced 20.5 cm peds, breaking to prismatic peds of 5.5 cm. Soil had 2% unspecified mottles. Slight effervescence to 1 Molar HCl. Dry. Gradual boundary to:	6	0.5	0	0.2	
100	B22		Yellowish red medium heavy clay with strong grade of prismatic structure and smooth-faced 5.5 cm peds. Few (2-10%), rock outcrop gravel (6-20mm). Very few (<2%), fine (<2mm), weak, calcareous fragments. Slight effervescence to 1 Molar HCl. Dry.	8	0.5	0	0.6	
	COMMENTS: 0 Bottom of hole at 130							

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **55cm**
Poorly drained
Very slowly permeable



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Tomingley Gold Extension Project for Alkane Resources

Detailed pit MT034

Class Undetermined No available class Stratic
Rudsol

Excavated on: **24/07/2020** Logged by: Dr Robert Banks 614638m E, 6389680m N, (WGS84), 271.4m AHD

Landscape Properties

Landform Element: **plain**

Vegetation Community:

Growth Form:

Site Disturbance: **occasional cultivation**

Land Use: **improved pasture**

Surface Condition Wet: **soft**

Groundcover: **70%**

Dry: **hard set**

Topography

Slope: **2%** Southern Aspect

Site Morphology: **open depression**

Slope Morphology: **Minimal**

Microrelief: **none** Depth: Extent:

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown silty clay loam with massive grade of structure and earthy . Dry. Sharp boundary to:	6.5	0.5	0	0.2	
	2A1		Reddish brown medium clay with strong grade of polyhedral structure and smooth-faced 1 cm peds. High effervescence to 1 Molar HCl. Moderately moist. Clear boundary to:	8.5	0.5	0	0.4	
50	2B2		Strong brown medium heavy clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds, breaking to lenticular peds of 1.5 cm. Common (10-20%), very coarse (20-60mm), , calcareous soft segregations. High effervescence to 1 Molar HCl. Moderately moist. Gradual boundary to:	8.5	0.5	0	2.6	
	2B22		Pale red heavy clay with strong grade of prismatic structure and smooth-faced 5.5 cm peds, breaking to lenticular peds of 1.5 cm. Few (2-10%), coarse (6-20mm), , calcareous soft segregations. Soil had 7% prominent, red, unspecified mottles. High effervescence to 1 Molar HCl. Moderately moist.	7.5	0.5	0	6	
100			COMMENTS: 0 Bottom of hole at 130				6.5	

Lithology

Substrate: **alluvium**

Base of Observations:

soil continues

Rootzone: **80cm**

Imperfectly drained

Slowly permeable



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Tomingley Gold Extension Project for Alkane Resources

Detailed pit MT035 Sodic Hypocalcic Red Kandosol

Excavated on: **24/07/2020** Logged by: Dr Robert Banks 614591m E, 6390197m N, (WGS84), 271.2m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **extensive clearing**
 Land Use: **improved pasture** Groundcover: **100%**
 Surface Condition Wet: **firm** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dusky red sandy clay loam with massive grade of structure and earthy . Moderately moist. Gradual boundary to:	5.5	0.5	1	0.5	
	B2		Red clay loam sandy with massive grade of structure and earthy . Moderately moist. Clear boundary to:	6			0.2	
50							0.1	
	2B2		Red light medium clay with strong grade of angular blocky structure 1.5 cm peds. Many (20-50%), parent material gravel (6-20mm). Moderately moist. Clear boundary to:	6			0.1	
	2BC		Yellowish red medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Very few (<2%), coarse (6-20mm), weak, calcareous soft segregations. Soil had 7% grey, unspecified mottles. Moderately moist.	6.5			0.2	
100								
			COMMENTS: 0					

Lithology

Substrate: **alluvium**
 Base of Observations:

soil continues
 Rootzone: **120cm**
Moderately well drained
Moderately permeable

Bottom of hole at 140



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT036 Haplic Hypocalcic Red **Kandosol**

Excavated on: **24/07/2020** Logged by: **Dr Robert Banks** 614976m E, 6390022m N, (WGS84), 273.5m AHD

Landscape Properties

Landform Element: **plain**

Vegetation Community:

Growth Form:

Site Disturbance: **occasional cultivation**

Land Use: **improved pasture**

Surface Condition Wet: **firm**

Topography

Slope: **0%** Flat Aspect

Site Morphology: **flat**

Slope Morphology: **Minimal**

Microrelief: **none** Depth: Extent:

Rock Outcrop:

Dry: **hard set**

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A		Dusky red sandy clay loam with massive grade of structure and earthy . Moderately moist. Diffuse boundary to:	6	0.5	0.5	0.4	
	B1		Red clay loam sandy with massive grade of structure and earthy . Very few (<2%), fine (<2mm), weak, calcareous veins. Slight effervescence to 1 Molar HCl. Moist. Gradual boundary to:	8			0.1	
50							0.5	
	2B2		Red clay loam sandy with massive grade of structure and earthy . Very few (<2%), fine (<2mm), weak, calcareous veins. Slight effervescence to 1 Molar HCl. Moist.	6.5			0.3	
100							0.4	
			COMMENTS: 0					

Lithology

Substrate: **alluvium**

Base of Observations:

soil continues

Rootzone: **130cm**

Well drained

Moderately permeable

Bottom of hole at 140



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT037 Eutrophic Subnatric Red Sodosol

Excavated on: **20/08/2020** Logged by: Dr Robert Banks 613962m E, 6390278m N, (WGS84), 267.9m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **75%**
 Surface Condition Wet: **soft** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Reddish brown sandy clay loam with massive grade of structure and earthy . Wet. Clear boundary to:	5.5	0.5	0	0.2	
	A2		Yellowish red sandy clay loam with massive grade of structure and earthy . Wet. Abrupt boundary to:	5.5	0.5	0	0.1	
	B2		Red medium clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Wet. Clear boundary to:	6.5	0.5	0	0.1	
50	B22		Red medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Moderately moist. Clear boundary to:	7	0.5	0	0.2	
	0		Yellowish red clay loam sandy with strong grade of prismatic structure and smooth-faced 5.5 cm peds. Many (20-50%), substrate gravel (6-20mm). Soil had 15% unspecified mottles. Dry.	7.5	0.5	0	0.3	
100			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **80cm**
Moderately well drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT038 Eutrophic Mottled-Subnatic Red Sodosol

Excavated on: **20/08/2020** Logged by: Dr Robert Banks 614413m E, 6389922m N, (WGS84), 270m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **extensive clearing**
 Land Use: **improved pasture** Groundcover: **55%**
 Surface Condition Wet: **firm** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown silty clay loam with massive grade of structure and earthy . Wet. Clear boundary to:	5.5	0.5	0	0.2	
	A2		Reddish brown silty clay loam with massive grade of structure and earthy . Moist. Abrupt boundary to:	6	0.5	0	0.1	
50	B2		Red light medium clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Soil had 15% distinct, unspecified mottles. Moderately moist. Clear boundary to:	6.5	0.5	0	0.2	
100	D		Yellowish red medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Many (20-50%), parent material coarse gravel (20-60mm). Very few (<2%), medium (2-6mm), strong, calcareous fragments. Soil had 25% prominent, grey, unspecified mottles. Moderately moist.	8	0.5	0	0.4	
			COMMENTS: 0 Bottom of hole at 130					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **80cm**
Imperfectly drained
Slowly permeable



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Tomingley Gold Extension Project for Alkane Resources

Detailed pit MT039

Vertic Hypocalcic Red Chromosol

Excavated on: **20/08/2020** Logged by: Dr Robert Banks 614955m E, 6390404m N, (WGS84), 272.9m AHD

Landscape Properties

Landform Element: **plain**

Vegetation Community:

Growth Form:

Site Disturbance: **occasional cultivation**

Land Use: **improved pasture**

Groundcover: **90%**

Surface Condition Wet: **firm**

Dry: **hard set**

Topography

Slope: **0%** Flat Aspect

Site Morphology: **flat**

Slope Morphology: **Minimal**

Microrelief: **none** Depth: Extent:

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown clay loam with massive grade of structure and earthy . Wet. Clear boundary to:	5.5	0	0	0.2	
	A2		Reddish brown silty clay loam with massive grade of structure and earthy . Wet. Abrupt boundary to:	6	0	0	0.2	
	B1		Dark red light medium clay with strong grade of angular blocky structure and smooth-faced 1.5 cm peds. Moist. Abrupt boundary to:	7	0	0	0.1	
50	B22		Red light clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Very few (<2%), medium (2-6mm), strong, calcareous fragments. Moderately moist. Abrupt boundary to:	7	0	0	0.2	
	D		Dark reddish brown sandy clay loam with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Dry.	7.5	0	0	0.1	
100			COMMENTS: 0 Bottom of hole at 125					

Lithology

Substrate: **alluvium**

Base of Observations:

soil continues

Rootzone: **110cm**

Moderately well drained

Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT040 Hypocalcic Mesonatric Red Sodosol

Excavated on: **20/08/2020** Logged by: Dr Robert Banks 614879m E, 6390711m N, (WGS84), 271.2m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **100%**
 Surface Condition Wet: **soft** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown silty clay loam with massive grade of structure and earthy . Wet. Clear boundary to:	6	0.5	0	0.2	
	A2		Dark red silty clay loam with massive grade of structure and earthy . Wet. Abrupt boundary to:	6			0.1	
50	B2		Red medium clay with strong grade of angular blocky structure and smooth-faced 1.5 cm peds. Slight effervescence to 1 Molar HCl. Moist. Diffuse boundary to:	7.5			0.3	
100	B22		Yellowish red medium clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Very few (<2%), fine (<2mm), strong, calcareous fragments. Soil had 2% faint, yellow, unspecified mottles. Slight effervescence to 1 Molar HCl. Moderately moist.	8.5			0.5	
	COMMENTS: 0 Bottom of hole at 120							

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **100cm**
Imperfectly drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT041 Epicalcareous Epipedal Grey Vertosol

Excavated on: **20/08/2020** Logged by: Dr Robert Banks 614504m E, 6390868m N, (WGS84), 269.6m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **extensive clearing**
 Land Use: **improved pasture** Groundcover: **70%**
 Surface Condition Wet: **firm** Dry:

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **gilgai** Depth: **70** Extent: **> 50% area**
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark brown light medium clay with strong grade of crumb structure and smooth-faced 0.5 cm peds. Moist. Clear boundary to:	7	0.5	0	0.6	
	B1		Dark greyish brown medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Few (2-10%), coarse (6-20mm), weak, calcareous soft segregations. Soil had 2% distinct, orange, unspecified mottles. High effervescence to 1 Molar HCl. Moist. Gradual boundary to:	9	1	0.5	0.3	
50	B22		Greyish brown medium heavy clay with strong grade of prismatic structure and smooth-faced 5.5 cm peds. Common (10-20%), coarse (6-20mm), weak, calcareous soft segregations. Soil had 15% prominent, gley, unspecified mottles. High effervescence to 1 Molar HCl. Dry.	9	1	0.5	0.7	
100			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **85cm**
Very poorly drained
Slowly permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT042 Haplic Eutrophic Red Chromsol

Excavated on: **20/08/2020** Logged by: **Dr Robert Banks** 614774m E, 6391672m N, (WGS84), 271.5m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **rainfed cultivation**
 Land Use: **cropping**
 Surface Condition Wet: **firm**

Topography

Slope: **0%** Western Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

Groundcover: **75%**
 Dry: **hard set**

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown clay loam with massive grade of structure and earthy . Few (2-10%), quartz coarse gravel (20-60mm). Clods were not dispersive, and in distilled water. Moist. Abrupt boundary to:	6	0.5	0	0.6	
	B2		Dark red medium clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Moderately moist. Gradual boundary to:	6	0	0.5	0.2	
50	C		Andesitic saprolite with massive grade of structure and earthy . Moderately moist.	0	0	0	0.2	
100	COMMENTS: 0 Bottom of hole at 105							

Lithology

Substrate: **alluvium**
 Base of Observations:
bedrock reached
 Rootzone: **55cm**
Moderately well drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT043 Vertic Hypocalcic Red Dermosol

Excavated on: **20/08/2020** Logged by: Dr Robert Banks 614406m E, 6391982m N, (WGS84), 268.2m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **cropping**
 Surface Condition Wet: **firm**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

Groundcover: **75%**
 Dry: **hard set**

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark reddish brown light clay with moderate grade of polyhedral structure and smooth-faced 0.7 cm peds. Moist. Clear boundary to:	6	0.5	0	0.2	
	B2		Red medium clay with strong grade of angular blocky structure and smooth-faced 1 cm peds. Moist. Gradual boundary to:	6.5	0	0	0.2	
50	B22		Strong brown medium heavy clay with strong grade of angular blocky structure and smooth-faced 1.5 cm peds. Very few (<2%), fine (<2mm), weak, calcareous fragments. Soil had 2% faint, yellow, unspecified mottles. Slight effervescence to 1 Molar HCl. Moist.	7	0	0	0.2	
100							0.1	
			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **120cm**
Moderately well drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources

Detailed pit MT044

Epicalcareous-Epihypersodic Epipedal Red Vertosol

Excavated on: 20/08/2020 Logged by: Dr Robert Banks 614508m E, 6392374m N, (WGS84), 269.7m AHD

Landscape Properties

Landform Element: **plain**

Vegetation Community:

Growth Form:

Site Disturbance: **rained cultivation**

Land Use: **cropping**

Surface Condition Wet: **soft**

Groundcover: **5%**

Dry: **cracked**

Topography

Slope: **0%** Flat Aspect

Site Morphology: **flat**

Slope Morphology: **Minimal**

Microrelief: **gilgai** Depth: **30** Extent: **<= 50% area**

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark brown light medium clay with strong grade of polyhedral structure and smooth-faced 0.5 cm peds. Wet. Diffuse boundary to:	6.5	0.5	0	0.3	
	B1		Reddish brown medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Few (2-10%), coarse (6-20mm), weak, calcareous soft segregations. Soil had 15% distinct, dark, unspecified mottles. High effervescence to 1 Molar HCl. Wet. Diffuse boundary to:	9	0.5	0	0.7	
50							0.8	
	B2		Yellowish red medium heavy clay with strong grade of lenticular structure and smooth-faced 1 cm peds. Slight effervescence to 1 Molar HCl. Wet.	9	0	0	2.3	
100								
			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **alluvium**

Base of Observations:

soil continues

Rootzone: **120cm**

Poorly drained

Very slowly permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT045 Episodic-Endocalcareous Epipedal Red Vertosol

Excavated on: **20/08/2020** Logged by: Dr Robert Banks 614873m E, 6392356m N, (WGS84), 272.3m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **cropping**
 Surface Condition Wet: **soft**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **gilgai** Depth: **30** Extent: **> 50% area**
 Rock Outcrop:

Groundcover: **95%**
 Dry: **hard set**

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A		Dark reddish brown light clay with strong grade of polyhedral structure and smooth-faced 0.7 cm peds. Wet. Diffuse boundary to:	6	0.5	0	0.5	
	B2		Reddish brown light medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Common (10-20%), , , calcareous soft segregations. High effervescence to 1 Molar HCl. Wet. Diffuse boundary to:	8.5	0.5	0	2.1	
50							4.6	
	B22		Brown medium heavy clay with strong grade of lenticular structure and smooth-faced 2.5 cm peds. Very few (<2%), , weak, calcareous soft segregations. Soil had 25% prominent, grey, unspecified mottles. Slight effervescence to 1 Molar HCl. Wet.	8	0.5	0	8.9	
100							10.1	
	COMMENTS: 0 Bottom of hole at 125							

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **120cm**
Imperfectly drained
Slowly permeable



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Tomingley Gold Extension Project for Alkane Resources

Detailed pit MT046 Sodic Hypocalcic Red Kandosol

Excavated on: **20/08/2020** Logged by: Dr Robert Banks 614936m E, 6392797m N, (WGS84), 270.5m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **occasional cultivation**
 Land Use: **improved pasture** Groundcover: **100%**
 Surface Condition Wet: **firm** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:

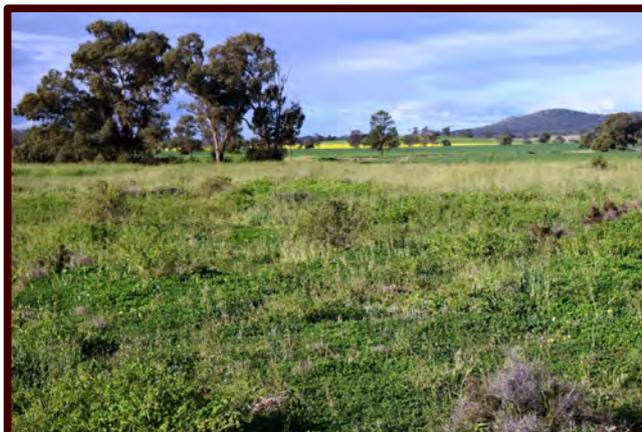
DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Reddish brown silty clay loam with massive grade of structure and earthy . Moist. Clear boundary to:	6	0.5	0	0.3	
	B1		Reddish brown silty clay loam with massive grade of structure and earthy . Wet. Clear boundary to:	6	0.5	0	0.1	
50	2D		Dark red sandy clay loam with strong grade of angular blocky structure and smooth-faced . Dry. Gradual boundary to:	6.5	0.5	0	0.2	
100	3D		Yellowish red sandy clay with strong grade of prismatic structure and smooth-faced . Many (20-50%), parent material coarse gravel (20-60mm). Very few (<2%), fine (<2mm), strong, calcareous fragments. Soil had 7% faint, grey, unspecified mottles. Slight effervescence to 1 Molar HCl. Moderately moist. COMMENTS: 0 Bottom of hole at 120	7.5	0.5	0	0.4	

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **80cm**
Moderately well drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources

Detailed pit MT047

Vertic Mesonatric Red Sodosol

Excavated on: **21/08/2020** Logged by: **Dr Robert Banks** 614846m E, 6391042m N, (WGS84), 271.6m AHD

Landscape Properties

Landform Element: **plain**

Vegetation Community:

Growth Form:

Site Disturbance: **occasional cultivation**

Land Use: **cropping**

Surface Condition Wet: **soft**

Groundcover: **85%**

Dry: **hard set**

Topography

Slope: **0%** Flat Aspect

Site Morphology: **flat**

Slope Morphology: **Minimal**

Microrelief: **none** Depth: Extent:

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dusky red silty clay loam with massive grade of structure and earthy . Wet. Clear boundary to:	5.5	0.5	0.5	0.4	
	B1		Dusky red medium clay with strong grade of angular blocky structure and smooth-faced 1.5 cm peds. Moist. Gradual boundary to:	6.5			0.2	
50	B2		Red medium heavy clay with strong grade of angular blocky structure and smooth-faced 2.5 cm peds. Moderately moist. Gradual boundary to:	7			0.3	
	B22		Yellowish red light medium clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Common (10-20%), parent material gravel (6-20mm). Very few (<2%), fine (<2mm), strong, calcareous fragments. Slight effervescence to 1 Molar HCl. Moderately moist.	7.5			0.4	
100			COMMENTS: 0 Bottom of hole at 120				0.6	

Lithology

Substrate: **alluvium**

Base of Observations:

soil continues

Rootzone: **120cm**

Moderately well drained

Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT048 Epicalcareous Self-mulching Red Vertosol

Excavated on: **21/08/2020** Logged by: Dr Robert Banks 615285m E, 6391786m N, (WGS84), 277.9m AHD

Landscape Properties
 Landform Element: **footslope**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **rained cultivation**
 Land Use: **cropping**
 Surface Condition Wet: **soft**

Topography
 Slope: **2%** Western Aspect
 Site Morphology: **lower slope**
 Slope Morphology: **Minimal**
 Microrelief: **none** Depth: Extent:
 Rock Outcrop:
 Groundcover: **85%**
 Dry: **cracked**

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	Ap		Dark brown silty clay with strong grade of polyhedral structure and rough-faced 0.7 cm peds. Wet. Gradual boundary to:	7	0.5	0.5	0.3	
	B1		Dark reddish brown medium clay with strong grade of prismatic structure and rough-faced 2.5 cm peds. Moist. Gradual boundary to:	8.5			0.3	
50	B2		Yellowish red medium heavy clay with strong grade of prismatic structure and rough-faced 2.5 cm peds. Common (10-20%), coarse (6-20mm), weak, calcareous soft segregations. High effervescence to 1 Molar HCl. Moist. Gradual boundary to:	8.5			0.6	
	B22		Brown medium heavy clay with strong grade of prismatic structure and rough-faced 5.5 cm peds. Very few (<2%), coarse (6-20mm), weak, calcareous soft segregations. Slight effervescence to 1 Molar HCl. Moderately moist.	9			1.4	
100			COMMENTS: 0 Bottom of hole at 120				3.3	

Lithology
 Substrate: **colluvium**
 Base of Observations:
soil continues
 Rootzone: **120cm**
Moderately well drained
Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT049 Episodic-Epiclcareous Epipedal Brown Vertosol

Excavated on: **21/08/2020** Logged by: Dr Robert Banks 615217m E, 6392467m N, (WGS84), 273.3m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance: **extensive clearing**
 Land Use: **volun./native pasture** Groundcover: **60%**
 Surface Condition Wet: **firm** Dry: **hard set**

Topography

Slope: **0%** Flat Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **gilgai** Depth: **30** Extent: **> 50% area**
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Brown light medium clay with strong grade of subangular blocky structure and smooth-faced 1.5 cm peds. Soil had 25% distinct, unspecified mottles. High effervescence to 1 Molar HCl. Moist. Clear boundary to:	6.5	0.5	0	0.5	
	B2		Brown medium heavy clay with strong grade of prismatic structure and smooth-faced 2.5 cm peds. Very few (<2%), coarse (6-20mm), , calcareous soft segregations. High effervescence to 1 Molar HCl. Wet. Diffuse boundary to:	9	1	0.5	0.8	
50							3.8	
	B22		Greyish brown heavy clay with strong grade of prismatic structure and smooth-faced 5.5 cm peds. Common (10-20%), coarse (6-20mm), , calcareous soft segregations. High effervescence to 1 Molar HCl. Moist.	6			8.2	
100							10.6	
			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **alluvium**
 Base of Observations:
soil continues
 Rootzone: **60cm**
Very poorly drained
Very slowly permeable



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Tomingley Gold Extension Project for Alkane Resources

Detailed pit MT050

No available class No available class Cumulic
Anthrosol

Excavated on: **21/08/2020** Logged by: Dr Robert Banks 614472m E, 6392784m N, (WGS84), 269.1m AHD

Landscape Properties

Landform Element: **mound**

Vegetation Community:

Growth Form:

Site Disturbance: **highly disturbed**

Land Use: **industrial**

Surface Condition Wet: **firm**

Groundcover: **90%**

Dry: **hard set**

Topography

Slope: **0%** Flat Aspect

Site Morphology: **crest**

Slope Morphology: **Minimal**

Microrelief: **none** Depth: Extent:

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	F1		Dark yellowish brown silty loam with massive grade of structure and earthy . High effervescence to 1 Molar HCl. Moist. Clear boundary to:	8.5	0.5	0	0.6	
	F2		Light olive brown silty loam with massive grade of structure and earthy . High effervescence to 1 Molar HCl. Moderately moist. Clear boundary to:	9	0.5	0	1.1	
50	F3		Light yellowish brown silty loam with massive grade of structure and earthy . Very few (<2%), fine (<2mm), strong, calcareous fragments. High effervescence to 1 Molar HCl. Dry. Clear boundary to:	9	0.5	0	10.4	
	F		Light olive brown silty loam with massive grade of structure and earthy . Very few (<2%), medium (2-6mm), strong, calcareous fragments. High effervescence to 1 Molar HCl. Dry. Clear boundary to:	9.5	0.5	0	18.5	
100							21.1	
			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **not identified**

Base of Observations:

soil continues

Rootzone: **30cm**

Well drained

Moderately permeable



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Tomingley Gold Extension Project for Alkane Resources

Exclusion MT051

Excavated on: **21/08/2020** Logged by: Dr Robert Banks 614559m E, 6391321m N, (WGS84), 269.5m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community: **woodland grass understory**
 Growth Form:
 Site Disturbance: **rainfed cultivation**
 Land Use: **cropping**
 Surface Condition Wet: **soft**

Topography

Slope: **0%** Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **gilgai** Depth: **70** Extent: **> 50% area**
 Rock Outcrop:

Groundcover: **65%**
 Dry: **cracked**

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
0			COMMENTS: Bottom of hole at 0					
50								
100								

Lithology

Substrate:
 Base of Observations:
 Rootzone: **cm**
Very poorly drained
Very slowly permeable



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Tomingley Gold Extension Project for Alkane Resources

Exclusion MT052

Excavated on: **21/08/2020** Logged by: Dr Robert Banks 614291m E, 6391118m N, (WGS84), 276m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community: **woodland grass understory**
 Growth Form:
 Site Disturbance: **limited clearing**
 Land Use: **volun./native pasture** Groundcover: **50%**
 Surface Condition Wet: **gravelly** Dry: **gravelly**

Topography

Slope: **0%** Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **gilgai** Depth: **70** Extent: **> 50% area**
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
0			COMMENTS: Bottom of hole at 0					
50								
100								

Lithology

Substrate:
 Base of Observations:
 Rootzone: **cm**
Very poorly drained
Very slowly permeable



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Tomingley Gold Extension Project for Alkane Resources

Exclusion MT053

Excavated on: **21/08/2020** Logged by: Dr Robert Banks 613888m E, 6389819m N, (WGS84), 269m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community: **woodland grass understory**
 Growth Form:
 Site Disturbance: **limited clearing**
 Land Use: **volun./native pasture** Groundcover: **60%**
 Surface Condition Wet: **gravelly** Dry: **gravelly**

Topography

Slope: **0%** Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **gilgai** Depth: **70** Extent: **> 50% area**
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
0			COMMENTS: Bottom of hole at 0					
50								
100								

Lithology

Substrate:
 Base of Observations:
 Rootzone: **cm**
Very poorly drained
Very slowly permeable



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Tomingley Gold Extension Project for Alkane Resources

Exclusion MT054

Excavated on: **21/08/2020** Logged by: Dr Robert Banks 615230m E, 6392185m N, (WGS84), 267.7m AHD

Landscape Properties

Landform Element: **plain**
 Vegetation Community: **woodland grass understory**
 Growth Form:
 Site Disturbance: **extensive clearing**
 Land Use: **swamp complex** Groundcover: **60%**
 Surface Condition Wet: **soft** Dry: **hardset**

Topography

Slope: **0%** Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **gilgai** Depth: **70** Extent: **> 50% area**
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments 1	Proportion Concretions 0.5 1	Lab ECe (dS/m)	SAMPLE
0			COMMENTS: Bottom of hole at 0					
50								
100								

Lithology

Substrate:
 Base of Observations:
 Rootzone: **cm**
Very poorly drained
Very slowly permeable



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Tomingley Gold Extension Project for Alkane Resources

Exclusion MT101

Excavated on: **22/07/2020** Logged by: **Dr Pat Hulme** 613194m E, 6390900m N, (WGS84), 263.8m AHD

Landscape Properties

Landform Element: **plain**

Vegetation Community:

Growth Form:

Site Disturbance: **no effective disturbance**

Land Use: **volun./native pasture** Groundcover: %

Surface Condition Wet:

Dry:

Topography

Slope: **0%** Aspect

Site Morphology: **flat**

Slope Morphology: **Minimal**

Microrelief: **gilgai** Depth: **70** Extent: **> 50% area**

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments 1	Proportion Concretions 0.5 1	Lab ECe (dS/m)	SAMPLE
50			COMMENTS: 0 Bottom of hole at 0					
100								

Lithology

Substrate: **alluvium**

Base of Observations:

Rootzone: **cm**



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Tomingley Gold Extension Project for Alkane Resources

Exclusion MT102

Excavated on: **22/07/2020** Logged by: **Dr Pat Hulme** 613213m E, 6390649m N, (WGS84), 263.5m AHD

Landscape Properties

Landform Element: **plain**

Vegetation Community:

Growth Form:

Site Disturbance: **no effective disturbance**

Land Use: **volun./native pasture** Groundcover: %

Surface Condition Wet:

Dry:

Topography

Slope: **0%** Aspect

Site Morphology: **flat**

Slope Morphology: **Minimal**

Microrelief: **gilgai** Depth: **70** Extent: **> 50% area**

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments 0.5 1	Proportion Concretions 0.5 1	Lab ECe (dS/m)	SAMPLE
50			COMMENTS: 0 Bottom of hole at 0					
100								

Lithology

Substrate: **alluvium**

Base of Observations:

Rootzone: **cm**



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Tomingley Gold Extension Project for Alkane Resources

Exclusion MT103

Excavated on: **22/07/2020** Logged by: **Dr Pat Hulme** 613186m E, 6391252m N, (WGS84), 263.7m AHD

Landscape Properties

Landform Element: **plain**

Vegetation Community:

Growth Form:

Site Disturbance: **no effective disturbance**

Land Use: **volun./native pasture** Groundcover: %

Surface Condition Wet:

Dry:

Topography

Slope: **0%** Aspect

Site Morphology: **flat**

Slope Morphology: **Minimal**

Microrelief: **gilgai** Depth: **70** Extent: **> 50% area**

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments 0.5 1	Proportion Concretions 0.5 1	Lab ECe (dS/m)	SAMPLE
50			COMMENTS: 0 Bottom of hole at 0					
100								

Lithology

Substrate: **alluvium**

Base of Observations:

Rootzone: **cm**



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Tomingley Gold Extension Project for Alkane Resources

Exclusion MT105

Excavated on: **22/07/2020** Logged by: Dr Pat Hulme 613534m E, 6392235m N, (WGS84), 264.4m AHD

Landscape Properties
 Landform Element: **plain**
 Vegetation Community:
 Growth Form:
 Site Disturbance:
 Land Use: **0**
 Surface Condition Wet:

Groundcover: %
 Dry:

Topography
 Slope: **0%** Aspect
 Site Morphology: **flat**
 Slope Morphology: **Minimal**
 Microrelief: **gilgai** Depth: **70** Extent: **> 50% area**
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments 0.5 1	Proportion Concretions 0.5 1	Lab ECe (dS/m)	SAMPLE
0			COMMENTS: 0 Bottom of hole at 0					
50								
100								

Lithology

Substrate: **alluvium**
 Base of Observations:
 Rootzone: **cm**



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Tomingley Gold Extension Project for Alkane Resources
Detailed pit MT114 Sodic Eutrophic Red Dermosol

Excavated on: **24/07/2020** Logged by: **Dr Pat Hulme** 613421m E, 6388665m N, (WGS84), 266m AHD

Landscape Properties

Landform Element: **plain**

Vegetation Community:

Growth Form:

Site Disturbance: **extensive clearing**

Land Use: **volun./native pasture** Groundcover: **50%**

Surface Condition Wet: **firm**

Dry: **hard set**

Topography

Slope: **1%** Aspect

Site Morphology: **flat**

Slope Morphology: **Minimal**

Microrelief: **none** Depth: Extent:

Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
	A1		Dark brown fine sandy clay loam with moderate grade of subangular blocky structure and sandy 1 cm peds, breaking to angular blocky peds of 0.5 cm. Clods were not dispersive, and did not slake in distilled water. Moderately moist.	4			0.2	
	A3			5.5			0.3	
	B1		Very dark grey fine sandy clay loam with strong grade of subangular blocky structure and rough-faced 2 cm peds, breaking to polyhedral peds of 0.5 cm. Clods were not dispersive, and slaked completely in distilled water. Moderately moist. Abrupt boundary to: Brown light clay with strong grade of prismatic structure and rough-faced 5 cm peds, breaking to polyhedral peds of 1 cm. Clods were moderately dispersive, and partially slaked in distilled water. Moderately moist. Clear boundary to:	7			0.3	
50							0.2	
	B22		Dark yellowish brown medium clay with strong grade of polyhedral structure and smooth-faced 10 cm peds, breaking to polyhedral peds of 2 cm. Very few (<2%), stratified, reoriented, strongly weathered, quartz gravel (6-20mm). Very few (<2%), medium (2-6mm), weak, calcareous nodules. Clods were not dispersive, and slaked completely in distilled water. Dry. Gradual boundary to:	8			0.9	
	B23		Dark yellowish brown medium clay with strong grade of polyhedral structure and smooth-faced 10 cm peds, breaking to polyhedral peds of 2 cm. Very few (<2%), medium (2-6mm), weak, calcareous nodules. Clods dispersed strongly, and slaked completely in distilled water. Dry.	8.5				
100								
			COMMENTS: 0 Bottom of hole at 120					

Lithology

Substrate: **alluvium**

Base of Observations:

layer continues

Rootzone: **170cm**

Imperfectly drained

Very slowly permeable



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Tomingley Gold Extension Project for Alkane Resources Exclusion MT119

Excavated on: **13/08/2020** Logged by: Dr Pat Hulme 614959m E, 6389457m N, (WGS84), 273.4m AHD

Landscape Properties

Landform Element: **0**
 Vegetation Community:
 Growth Form:
 Site Disturbance:
 Land Use: **0**
 Surface Condition Wet:

Groundcover: %
 Dry:

Topography

Slope: **0%** Aspect
 Site Morphology:
 Slope Morphology: **Minimal**
 Microrelief: **gilgai** Depth: **70** Extent: **> 50% area**
 Rock Outcrop:

DEPTH (centimetres)	Horizon	GRAPHIC LOG	PROFILE DESCRIPTION	Field pH	Proportion Coarse Fragments	Proportion Concretions	Lab ECe (dS/m)	SAMPLE
0			COMMENTS: 0 Bottom of hole at 0					
50								
100								

Lithology

Substrate: **0**
 Base of Observations:
 Rootzone: **cm**



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APPENDIX II
Soil Laboratory Tests

Report Number: 634916

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071946	Paddock Name: MT00105	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
Available Potassium ^	390	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	69	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.15		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	16	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	13	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Active (labile) Carbon ^	222	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	13	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.5	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Total Carbon (combustion)	1.5	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	6.0	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	16	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	89		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.99	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.17	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	7.63	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.2	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 634916

Sample Number: 022071946	Paddock Name: MT00105	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	4.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.2	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.35	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	36	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	47	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.62	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.18		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634915

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071945	Paddock Name: MT001515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
Available Potassium ^	160	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	52	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.11		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	26	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	8.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Active (labile) Carbon ^	81.5	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	2.1	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.84	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Total Carbon (combustion)	0.85	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	13	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	12	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	93		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.42	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.25	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	42	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	0.47	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	5.02	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	5.0	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634915

Sample Number: 022071945	Paddock Name: MT001515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	9.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.1	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.094	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	48	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	34	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.55	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.13		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634914

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071944	Paddock Name: MT0011530	Date Received: 18-Aug-2020
Test Code: CT173		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	110	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	50	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.081		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	32	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	4.7		04-031-PH	19/08/2020 to 20/08/2020
Active (labile) Carbon ^	56.9	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	0.60	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Total Carbon (combustion)	0.55	%	04-086-TC	20/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.29	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.30	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	19	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	0.21	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	4.43	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	6.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	4.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634914

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Report Number: 634913

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071943	Paddock Name: MT0013060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	4			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	130	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	32	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.041		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	49	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	3.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	5.5		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.9	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.33	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	4.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	9.84	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	16	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.67		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	28	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634913

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Report Number: 634912

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071942	Paddock Name: MT00160100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	4			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	200	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	26	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.060		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	7.4		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	3.9	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.1	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.50	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	3.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	11.8	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	25	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.57		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.19	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	140	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634912

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Report Number: 634911

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071941	Paddock Name: MT00205	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	840	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	58	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.28		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.7	%	04-054-WCALC	24/08/2020 to 24/08/2020
Potassium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	1.9	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.56	%	04-018-UV1	19/08/2020 to 24/08/2020
Nitrate Nitrogen	130	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	82	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	27	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	33	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	72		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	2.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.44	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	10.0	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	4.4	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634911

Sample Number: 022071941	Paddock Name: MT00205	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.31	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	50	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.2	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.92	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	110	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	37	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.95	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.46		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634910

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071940	Paddock Name: MT002515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
Available Potassium ^	410	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	62	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.15		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.6	%	04-054-WCALC	24/08/2020 to 24/08/2020
Potassium % of Cations	13	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	1.6	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.95	%	04-018-UV1	19/08/2020 to 24/08/2020
Nitrate Nitrogen	130	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	15	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	14	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	18	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	87		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.31	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	8.03	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.9	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634910

Sample Number: 022071940	Paddock Name: MT002515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.9		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.26	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	55	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.2	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.33	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	71	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	37	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl2)	0.68	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.21		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634909

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071939	Paddock Name: MT0021530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	200	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	51	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.083		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	34	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	7.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	5.1		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	35	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.96	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.52	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.55	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	7.35	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	7.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.5		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.09	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	16	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634909

Sample condition on receipt: Suitable for testing.

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Report Number: 634908

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071938	Paddock Name: MT0023060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	370	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	41	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.068		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	44	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	6.2		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	5.4	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.0	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.96	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	7.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	16.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	9.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.93		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634908

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Report Number: 634907

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071937	Paddock Name: MT00260100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	260	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	36	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.071		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	7.0		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.67	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	11.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	13	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.81		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634907

Sample condition on receipt: Suitable for testing.

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8 South Rd, Werribee Vic 3030

Toll-free: 1800 803 453 Fax: (61 3) 9974 0699

Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 634906

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071924	Paddock Name: MT00305	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	670	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	58	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.29		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.1	%	04-054-WCALC	24/08/2020 to 24/08/2020
Potassium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.22	%	04-018-UV1	19/08/2020 to 24/08/2020
Nitrate Nitrogen	7.0	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.86	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	2.3	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	33	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	59		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.19	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	7.74	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.5	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634906

Sample Number: 022071924	Paddock Name: MT00305	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.5		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	0.98	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.76	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	27	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	53	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.83	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.56		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634905

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071923	Paddock Name: MT003515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	400	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	62	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.18		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.5	%	04-054-WCALC	24/08/2020 to 24/08/2020
Potassium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.89	%	04-018-UV1	19/08/2020 to 24/08/2020
Nitrate Nitrogen	1.7	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.73	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	8.4	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	21	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	62		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.21	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	6.87	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.1	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634905

Sample Number: 022071923	Paddock Name: MT003515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	13	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.1	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.38	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	45	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	54	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.69	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.34		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634904

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071922	Paddock Name: MT0031530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	260	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	52	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.10		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	36	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	9.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	5.8		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	0.86	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.81	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.68	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.28	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	7.46	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634904

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Report Number: 634903

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071921	Paddock Name: MT0033060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	380	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	44	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.090		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	43	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	7.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	6.5		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	0.58	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.97	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.55	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	12.3	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	4.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634902

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Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071920	Paddock Name: MT00360100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	500	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	41	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.080		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	7.5		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	<0.50	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	7.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	8.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	18.8	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	6.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.92		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 634902

Sample condition on receipt: Suitable for testing.

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Report Number: 634901

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071919	Paddock Name: MT00405	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
Available Potassium ^	520	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	68	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.10		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.8	%	04-054-WCALC	24/08/2020 to 24/08/2020
Potassium % of Cations	9.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	7.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.7	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.07	%	04-018-UV1	19/08/2020 to 24/08/2020
Nitrate Nitrogen	17	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	3.1	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	14	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	70		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	9.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.087	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	14.3	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.61	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634901

Sample Number: 022071919	Paddock Name: MT00405	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.12	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	20	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	0.96	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.24	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	6.0	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	19	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl2)	1.0	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	0.011	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.20		04-020-ICP17	21/08/2020 to 21/08/2020
Sand (Coarse) ^	18.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	42.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	11.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	28.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634900

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071918	Paddock Name: MT004515	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
Available Potassium ^	300	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	64	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.053		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	30	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	0.58	%	04-054-WCALC	24/08/2020 to 24/08/2020
Potassium % of Cations	4.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	7.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.34	%	04-018-UV1	19/08/2020 to 24/08/2020
Nitrate Nitrogen	<0.50	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.66	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	<1.0	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	6.2	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	100		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.77	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	10	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	4.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.19	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	15.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.2	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634900

Sample Number: 022071918	Paddock Name: MT004515	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.2		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	0.92	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.14	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	4.3	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	24	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl2)	0.97	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.06		04-020-ICP17	21/08/2020 to 21/08/2020
Sand (Coarse) ^	22.1	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	34.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	9.9	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	33.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634899

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071917	Paddock Name: MT0041530	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
Available Potassium ^	270	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	54	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.047		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	39	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	7.8		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	<0.50	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.80	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.68	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	8.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.38	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	15.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	17.7	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	35.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	11.1	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634899

Sample Number: 022071917	Paddock Name: MT0041530	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	35.9	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634898

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071916	Paddock Name: MT0043060	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	300	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.048		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	44	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	8.1		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	0.57	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.67	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.77	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	8.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	7.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	17.8	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	5.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.10	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	20.4	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	31.7	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	12.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634898

Sample Number: 022071916	Paddock Name: MT0043060	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	35.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634897

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071915	Paddock Name: MT00460100	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	300	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.036		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	37	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	3.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	8.6		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	<0.50	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.77	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	12	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	9.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	3.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	24.8	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.29	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	13	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	19.9	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	35.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	11.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634897

Sample Number: 022071915	Paddock Name: MT00460100	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	33.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634896

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071900	Paddock Name: MT00505	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	660	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	56	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.30		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.5	%	04-054-WCALC	24/08/2020 to 24/08/2020
Potassium % of Cations	23	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.5	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.46	%	04-018-UV1	19/08/2020 to 24/08/2020
Nitrate Nitrogen	27	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.4	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	3.8	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	13	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	67		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.059	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	7.42	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.80	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634896

Sample Number: 022071900	Paddock Name: MT00505	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.7		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.08	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.4	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	1.1	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	63	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	37	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.67	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.19		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634895

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071899	Paddock Name: MT005515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	630	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	57	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.29		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.9	%	04-054-WCALC	24/08/2020 to 24/08/2020
Potassium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.13	%	04-018-UV1	19/08/2020 to 24/08/2020
Nitrate Nitrogen	11	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.68	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	2.6	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	8.9	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	71		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.052	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	7.15	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.73	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634895

Sample Number: 022071899	Paddock Name: MT005515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.9		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.4	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.67	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	65	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	31	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl2)	0.61	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.13		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634894

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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071898	Paddock Name: MT0051530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	450	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	61	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.19		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	16	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	5.6		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.9	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.92	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.047	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	7.39	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.64	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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8 South Rd, Werribee Vic 3030
Toll-free: 1800 803 453 Fax: (61 3) 9974 0699
Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 634894

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634893

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071897	Paddock Name: MT0053060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	530	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	51	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.14		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	35	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	6.6		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.5	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.73	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.078	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	10.9	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.72	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634893

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Report Number: 634860

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071914	Paddock Name: MT00560100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	680	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	44	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.13		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	43	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	7.4		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.6	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.18	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	14.9	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634860

Sample condition on receipt: Suitable for testing.

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Report Number: 634861

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071913	Paddock Name: MT00605	Date Received: 18-Aug-2020
Test Code: CT170		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
Available Potassium ^	460	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	67	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.067		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	24	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			20/08/2020 to 20/08/2020
Soil Colour	Grey		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	7.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	1.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Active (labile) Carbon ^	339	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	7.8	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Total Carbon (combustion)	1.6	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	4.7	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	11	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	78		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	13	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	4.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.61	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	19.8	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.1	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634861

Sample Number: 022071913	Paddock Name: MT00605	Date Received: 18-Aug-2020
Test Code: CT170		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.7		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.20	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	30	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.1	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.25	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	12	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	21	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl2)	1.2	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.14		04-020-ICP17	21/08/2020 to 21/08/2020
Sand (Coarse) ^	17.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	41.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	11.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	30.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634862

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071912	Paddock Name: MT006515	Date Received: 18-Aug-2020
Test Code: CT170		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	350	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.032		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	37	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	2.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Grey		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	8.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	2.5	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Active (labile) Carbon ^	31.5	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	3.9	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.83	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Total Carbon (combustion)	0.65	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	4.5	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	5.8	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	100		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.90	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	16	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	12	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	3.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	33.2	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634862

Sample Number: 022071912	Paddock Name: MT006515	Date Received: 18-Aug-2020
Test Code: CT170		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.40	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	210	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.3	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.054	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	3.2	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	17	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl2)	4.3	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.06		04-020-ICP17	21/08/2020 to 21/08/2020
Sand (Coarse) ^	14.7	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	32.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	10.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	42.7	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634863

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071911	Paddock Name: MT0061530	Date Received: 18-Aug-2020
Test Code: CT172		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	320	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	51	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.031		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	35	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	2.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	8.6		04-031-PH	19/08/2020 to 20/08/2020
Active (labile) Carbon ^	45.8	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	3.2	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.86	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Total Carbon (combustion)	0.67	%	04-086-TC	20/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.83	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	16	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	11	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	3.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	31.9	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	11	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.5		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.38	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	200	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	14.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 634863

Sample Number: 022071911	Paddock Name: MT0061530	Date Received: 18-Aug-2020
Test Code: CT172		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Sand (Fine) ^	33.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	9.9	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	42.1	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634864

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071910	Paddock Name: MT0063060	Date Received: 18-Aug-2020
Test Code: CT172		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	280	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	31	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.036		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	47	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	2.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	8.9		04-031-PH	19/08/2020 to 20/08/2020
Active (labile) Carbon ^	3.19	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	2.3	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Total Carbon (combustion)	0.28	%	04-086-TC	20/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.72	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	8.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	12	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	4.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	25.7	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	19	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.67		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.42	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	170	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	15.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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Report Number: 634864

Sample Number: 022071910	Paddock Name: MT0063060	Date Received: 18-Aug-2020
Test Code: CT172		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Sand (Fine) ^	33.9	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	11.1	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	39.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634865

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071909	Paddock Name: MT00660100	Date Received: 18-Aug-2020
Test Code: CT172		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	300	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.051		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	3.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	8.9		04-031-PH	19/08/2020 to 20/08/2020
Active (labile) Carbon ^	0.000	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	2.0	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.95	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Total Carbon (combustion)	0.16	%	04-086-TC	20/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.76	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	12	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	8.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	24.5	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	36	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.25		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.75	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	540	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	10.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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Report Number: 634865

Sample Number: 022071909	Paddock Name: MT00660100	Date Received: 18-Aug-2020
Test Code: CT172		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Sand (Fine) ^	34.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	11.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	44.1	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634866

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071908	Paddock Name: MT00705	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
Available Potassium ^	440	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	74	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	6			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.039		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.1	%	04-054-WCALC	24/08/2020 to 24/08/2020
Potassium % of Cations	3.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	8.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	1.0	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.63	%	04-018-UV1	19/08/2020 to 24/08/2020
Nitrate Nitrogen	6.7	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	2.2	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	6.0	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	12	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	120		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	22	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.69	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	29.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.3	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634866

Sample Number: 022071908	Paddock Name: MT00705	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.7		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.16	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	14	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	0.96	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.19	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	4.0	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	11	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl2)	1.5	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.10		04-020-ICP17	21/08/2020 to 21/08/2020
Sand (Coarse) ^	16.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	38.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	11.4	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	34.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634867

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071907	Paddock Name: MT007515	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
Available Potassium ^	370	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	65	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.031		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	25	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	0.81	%	04-054-WCALC	24/08/2020 to 24/08/2020
Potassium % of Cations	2.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	8.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	1.8	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.47	%	04-018-UV1	19/08/2020 to 24/08/2020
Nitrate Nitrogen	14	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	5.1	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	6.6	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	140		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.95	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	22	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	8.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	2.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	33.1	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	6.8	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634867

Sample Number: 022071907	Paddock Name: MT007515	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.7		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.29	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	62	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.2	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.15	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	3.0	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	17	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl2)	2.7	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	0.012	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.05		04-020-ICP17	21/08/2020 to 21/08/2020
Sand (Coarse) ^	11.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	33.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	10.1	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	45.4	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634868

Sustainable Soils Management P/L
PO Box 130
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071906	Paddock Name: MT0071530	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
Available Potassium ^	290	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	44	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.027		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	32	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	2.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	8.8		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	37	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.1	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.75	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	16	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	12	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	8.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	36.7	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.94	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	710	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	10.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	32.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	13.7	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634868

Sample Number: 022071906	Paddock Name: MT0071530	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	43.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634869

Sustainable Soils Management P/L
PO Box 130
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071905	Paddock Name: MT0073060	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
Available Potassium ^	280	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	51	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	6			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.018		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	23	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	1.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	8.4		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	9.9	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.72	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	27	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	12	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	13	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	53.1	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	25	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	4.15	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	1700	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	7.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	30.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	15.1	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634869

Sample Number: 022071905	Paddock Name: MT0073060	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	46.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634870

Sustainable Soils Management P/L
PO Box 130
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071904	Paddock Name: MT00760100	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
Available Potassium ^	230	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	9.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	6			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.043		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	40	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	2.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	8.0		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	17	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.59	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	11	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	13	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	26.8	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.24		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	2.10	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	1900	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	8.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	35.9	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	14.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634870

Sample Number: 022071904	Paddock Name: MT00760100	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	40.7	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634871

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072105	Paddock Name: MT00805	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	560	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	52	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.33		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	18	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.9	%	04-054-WCALC	24/08/2020 to 24/08/2020
Potassium % of Cations	25	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.6	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.09	%	04-018-UV1	19/08/2020 to 24/08/2020
Nitrate Nitrogen	23	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	49	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	9.7	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	14	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	42		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.16	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.85	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.8	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634871

Sample Number: 022072105	Paddock Name: MT00805	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.8		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.10	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	18	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	0.81	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.48	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	50	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	71	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.55	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.33		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634872

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072104	Paddock Name: MT008515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	360	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	61	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.21		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.3	%	04-054-WCALC	24/08/2020 to 24/08/2020
Potassium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.78	%	04-018-UV1	19/08/2020 to 24/08/2020
Nitrate Nitrogen	7.6	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.8	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	4.1	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	14	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	62		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.92	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.053	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	10	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.48	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.97	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634872

Sample Number: 022072104	Paddock Name: MT008515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	2.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	0.84	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.28	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	48	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	59	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl2)	0.40	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.23		04-020-ICP17	21/08/2020 to 21/08/2020

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Report Number: 634873

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072103	Paddock Name: MT0081530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	200	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	61	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.098		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	28	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	8.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	5.4		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.3	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.71	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.52	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.051	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	9.6	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	6.00	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.85	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	1.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634874

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072102	Paddock Name: MT0083060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	270	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	55	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.054		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	38	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	6.4		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.69	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	7.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.21	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	13.5	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634874

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Report Number: 634875

Sustainable Soils Management P/L
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Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072101	Paddock Name: MT00860100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	310	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	52	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.068		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	39	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	7.7		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.7	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.79	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.43	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	12.9	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.08	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634875

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Report Number: 634876

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071999	Paddock Name: MT00905	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	260	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	44	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.38		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	0.89	%	04-054-WCALC	24/08/2020 to 24/08/2020
Potassium % of Cations	25	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Sandy Loam		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.52	%	04-018-UV1	19/08/2020 to 24/08/2020
Nitrate Nitrogen	6.0	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.1	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	4.0	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	14	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	31		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.66	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.53	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.050	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	19	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.21	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	2.60	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.9	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634876

Sample Number: 022071999	Paddock Name: MT00905	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	7.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	0.38	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.15	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	16	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	44	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.26	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.45		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634877

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072005	Paddock Name: MT009515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	160	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	54	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.22		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	0.58	%	04-054-WCALC	24/08/2020 to 24/08/2020
Potassium % of Cations	16	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay Loam		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.34	%	04-018-UV1	19/08/2020 to 24/08/2020
Nitrate Nitrogen	2.1	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.73	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	3.7	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	9.7	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	34		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.42	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.53	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.10	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	16	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.18	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	2.68	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.9	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634877

Sample Number: 022072005	Paddock Name: MT009515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	6.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	0.34	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.056	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	15	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	26	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.29	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.29		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634878

Sustainable Soils Management P/L
PO Box 130
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072004	Paddock Name: MT0091530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	76	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	52	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.13		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	27	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	10	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	5.4		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.5	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.0	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.19	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	0.97	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.50	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.20	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	1.86	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	11	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.9		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	13	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634878

Sample condition on receipt: Suitable for testing.

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Report Number: 634879

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072003	Paddock Name: MT0093060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	220	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	28	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.070		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	50	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	7.1		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.6	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.92	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.55	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	10.1	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.58		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.09	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	27	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634879

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Report Number: 634880

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072002	Paddock Name: MT00960100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	240	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.077		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	51	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	7.8		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.4	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.76	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.61	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	3.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	11.5	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	26	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.34		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.18	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	96	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634880

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634881

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072058	Paddock Name: MT01005	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	470	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	60	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.19		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.0	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	16	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.17	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	4.5	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.1	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	2.9	mg/kg	04-021-ICP2	20/08/2020 to 24/08/2020
Phosphorus (Colwell)	15	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	53		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.11	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	7.64	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.4	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634881

Sample Number: 022072058	Paddock Name: MT01005	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.7		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	0.98	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.34	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	44	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	35	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl2)	0.63	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.28		04-020-ICP17	21/08/2020 to 21/08/2020
Sand (Coarse) ^	19.4	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	44.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	13.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	22.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634882

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072057	Paddock Name: MT010515	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	350	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	62	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.12		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	25	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.2	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	10	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.71	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	2.6	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.99	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	2.0	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	7.7	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	54		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.91	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.090	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	9.5	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	8.96	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.0	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634882

Sample Number: 022072057	Paddock Name: MT010515	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	0.86	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.065	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	23	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	13	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl2)	0.68	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.14		04-020-ICP17	21/08/2020 to 21/08/2020
Sand (Coarse) ^	21.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	36.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	14.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	27.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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Report Number: 634883

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072100	Paddock Name: MT0101530	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	370	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	58	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.093		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	32	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	8.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	6.3		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.8	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.80	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.95	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.21	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	11.4	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.8		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	18.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	35.1	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	9.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634883

Sample Number: 022072100	Paddock Name: MT0101530	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	36.9	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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Report Number: 634884

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072056	Paddock Name: MT0103060	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	410	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	51	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.065		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	41	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	7.0		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.2	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.1	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	9.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	7.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.35	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	18.4	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	12.1	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	21.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	8.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634884

Sample Number: 022072056	Paddock Name: MT0103060	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	57.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634885

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072099	Paddock Name: MT01060100	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
Available Potassium ^	360	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	50	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.038		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	43	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	3.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	8.1		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.6	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.75	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.91	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	13	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	11	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.88	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	25.9	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.2		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.18	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	8.4	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	26.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	10.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634885

Sample Number: 022072099	Paddock Name: MT01060100	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	55.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634886

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072097	Paddock Name: MT01105	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	330	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	47	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.22		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	29	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.2	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.72	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	4.2	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	1.7	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	19	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	57		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.83	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.083	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	21	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.23	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	4.84	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.7	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634886

Sample Number: 022072097	Paddock Name: MT01105	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	4.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	0.61	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.23	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	23	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	45	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl2)	0.64	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.33		04-020-ICP17	21/08/2020 to 21/08/2020
Sand (Coarse) ^	27.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	50.9	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	9.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	12.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634887

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072096	Paddock Name: MT011515	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	280	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	42	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.25		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	25	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	0.96	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.1	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.56	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	3.7	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	<1.0	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	16	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	55		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.71	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	1.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.11	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	46	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.51	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	4.14	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.7	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634887

Sample Number: 022072096	Paddock Name: MT011515	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.8		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	0.71	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.13	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	30	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	37	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl2)	0.37	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.29		04-020-ICP17	21/08/2020 to 21/08/2020
Sand (Coarse) ^	26.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	51.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	8.7	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	13.7	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634888

Sustainable Soils Management P/L
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072095	Paddock Name: MT0111530	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	170	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	34	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.081		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	5.5		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	11	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.94	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.44	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	6.95	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.74		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.08	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	54	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	24.1	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	46.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	7.4	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634888

Sample Number: 022072095	Paddock Name: MT0111530	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	22.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634889

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072094	Paddock Name: MT0113060	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	4			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	260	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	24	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.054		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	51	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	7.3		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.89	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.65	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	8.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	15.9	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.48		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.27	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	240	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	18.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	36.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	6.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634889

Sample Number: 022072094	Paddock Name: MT0113060	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	38.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634890

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072093	Paddock Name: MT01160100	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	260	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	29	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.040		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	42	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	2.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	8.6		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.6	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.1	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.67	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	9.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	6.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	23.8	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	27	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.69		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.78	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	550	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sand (Coarse) ^	10.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	42.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	11.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634890

Sample Number: 022072093	Paddock Name: MT01160100	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	36.7	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634891

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072092	Paddock Name: MT01205	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
Available Potassium ^	360	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	49	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.32		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.8	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	23	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay Loam		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.05	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	14	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	1.1	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	21	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	44		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.91	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.82	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.070	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	20	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.22	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	3.99	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.8	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634891

Sample Number: 022072092	Paddock Name: MT01205	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	5.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	0.52	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.38	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	18	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	77	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.40	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.48		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634892

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Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072091	Paddock Name: MT012515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	310	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	58	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.23		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	19	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.2	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	18	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay Loam		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.67	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	5.8	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.87	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	2.5	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	24	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	45		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.78	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.84	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.046	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	12	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.13	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	4.33	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.1	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634892

Sample Number: 022072091	Paddock Name: MT012515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	3.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	0.51	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.18	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	14	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	54	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.49	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.53		04-020-ICP17	21/08/2020 to 21/08/2020

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Report Number: 634917

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072090	Paddock Name: MT0121530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	190	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	66	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.13		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	19	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	11	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	5.5		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.4	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.87	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.48	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.82	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.058	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	11	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.13	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	4.37	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	2.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.5		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634917

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634918

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072089	Paddock Name: MT0123060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	300	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	59	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.12		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	28	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	10	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	6.5		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.7	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.1	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.76	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.19	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	7.51	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634918

Sample condition on receipt: Suitable for testing.

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Report Number: 634919

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072088	Paddock Name: MT01260100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	740	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	37	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.15		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	7.5		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	0.91	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.85	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	7.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	15.9	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	7.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.82		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634919

Sample condition on receipt: Suitable for testing.

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Report Number: 634920

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072087	Paddock Name: MT01305	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	580	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	62	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.21		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Active (labile) Carbon ^	236	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	16	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	2.6	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Total Carbon (combustion)	1.5	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	2.1	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	19	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	56		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.045	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	8.82	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.51	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634920

Sample Number: 022072087	Paddock Name: MT01305	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.6	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	1.3	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	34	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	22	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.72	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.34		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634921

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072086	Paddock Name: MT013515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	620	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	63	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.18		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Active (labile) Carbon ^	181	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	5.1	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.97	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Total Carbon (combustion)	1.4	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	4.8	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	12	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	61		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.068	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	10.5	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.65	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634921

Sample Number: 022072086	Paddock Name: MT013515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.9		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.7	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.73	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	35	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	16	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.82	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.20		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634922

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072085	Paddock Name: MT0131530	Date Received: 18-Aug-2020
Test Code: CT173		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	550	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	63	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.15		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	24	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	13	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	6.0		04-031-PH	19/08/2020 to 20/08/2020
Active (labile) Carbon ^	120	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	7.7	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.86	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Total Carbon (combustion)	1.0	%	04-086-TC	20/08/2020 to 20/08/2020
Potassium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.10	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	10.9	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.92	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634922

Sample condition on receipt: Suitable for testing.

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Report Number: 634923

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072084	Paddock Name: MT0133060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	390	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	56	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.13		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	31	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	11	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	6.2		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	3.6	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.91	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.99	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.15	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	8.76	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.8		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634923

Sample condition on receipt: Suitable for testing.

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Report Number: 634924

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072083	Paddock Name: MT01360100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	520	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	33	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.088		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	53	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	7.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	6.9		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	3.7	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.97	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	9.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	17.2	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	6.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.63		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634924

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Report Number: 634925

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072082	Paddock Name: MT01405	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	510	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	55	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.24		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.3	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	18	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.7	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.35	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	37	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	2.7	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	4.6	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	11	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	65		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.21	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	9.4	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	7.06	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.0	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634925

Sample Number: 022072082	Paddock Name: MT01405	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.12	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	37	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.9	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	1.3	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	37	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	87	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.65	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.17		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634926

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072081	Paddock Name: MT014515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	250	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	60	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.13		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	25	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.1	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	11	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.63	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	12	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.96	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	3.6	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	7.7	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	55		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.63	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.21	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.56	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.8	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 634926

Sample Number: 022072081	Paddock Name: MT014515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	14	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.7	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.55	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	38	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	40	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.49	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.14		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634927

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072079	Paddock Name: MT0141530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	170	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	57	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.10		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	29	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	9.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	5.6		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	11	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.44	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.23	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	4.86	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	4.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	13	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634927

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Report Number: 634928

Sustainable Soils Management P/L
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072080	Paddock Name: MT0143060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	4			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	200	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	33	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.10		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	8.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	5.9		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	3.7	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.90	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.52	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.68	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	6.38	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	11	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.68		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634928

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Report Number: 634929

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072098	Paddock Name: MT01460100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	250	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	23	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.093		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	52	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	7.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	6.5		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	4.6	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	0.72	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.63	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	4.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	9.10	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	18	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.45		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.08	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	26	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020

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Report Number: 634929

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Report Number: 634930

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072078	Paddock Name: MT01505	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	590	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	56	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.23		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.6	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	18	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.51	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	12	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	1.5	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	9.9	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	11	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	71		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.15	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	12	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.13	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	8.28	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.8	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634930

Sample Number: 022072078	Paddock Name: MT01505	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.6	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.58	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	52	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	64	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.75	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.15		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634931

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NATA Accredited Laboratory
Number: 11958

Sample Number: 022072077	Paddock Name: MT015515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	420	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	53	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.19		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	26	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.4	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.5	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.79	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	26	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Ammonium Nitrogen	3.0	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Sulphur (KCl40)	7.5	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	11	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	100		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.18	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	25	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.28	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	7.30	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.5	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 634931

Sample Number: 022072077	Paddock Name: MT015515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	3.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.08	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	11	mg/kg	04-063-FIA3	19/08/2020 to 20/08/2020
Copper (DTPA)	1.5	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Zinc (DTPA)	0.29	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Manganese (DTPA)	64	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Iron (DTPA)	48	mg/kg	04-024-ICP6	20/08/2020 to 21/08/2020
Boron (Hot CaCl ₂)	0.70	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.11		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634932

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072076	Paddock Name: MT0151530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
Available Potassium ^	250	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	49	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.12		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	31	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	10	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	4.7		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	31	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	3.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.63	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.29	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	29	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.32	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	6.29	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	4.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	5.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.08	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	13	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634932

Sample condition on receipt: Suitable for testing.

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Report Number: 634933

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072075	Paddock Name: MT0153060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	260	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	35	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.060		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	47	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	5.5		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	18	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.67	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	12	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.14	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	13.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	0.99	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.73		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.10	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	41	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634933

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Report Number: 634934

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072074	Paddock Name: MT01560100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	270	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	34	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.067		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	7.0		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	3.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.70	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	2.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	13.1	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	16	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.76		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.12	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	50	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634934

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Report Number: 634955

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071393	Paddock Name: MT02005	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	340	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	50	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.20		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	24	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.0	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.15	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	3.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.8	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.7	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	24	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	110		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.87	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.17	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	40	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.45	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.73	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.0	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634955

Sample Number: 022071393	Paddock Name: MT02005	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	7.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	1.2	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.43	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	76	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	120	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.63	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.22		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634956

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071392	Paddock Name: MT020515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	310	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	54	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.16		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	26	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.2	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	13	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.71	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	3.4	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.1	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	14	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	96		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.78	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.10	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	29	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.32	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	6.05	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.7	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634956

Sample Number: 022071392	Paddock Name: MT020515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	5.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	1.0	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.21	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	56	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	67	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.61	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.15		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634957

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071391	Paddock Name: MT0201530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	4			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	220	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	50	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.076		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	39	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	5.3		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.57	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.25	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	12	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.13	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	8.46	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	1.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634958

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071390	Paddock Name: MT0203060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	4			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	240	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.048		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	46	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	6.6		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.64	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.60	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.66	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	13.8	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	4.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	0.73	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.97		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634958

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Report Number: 634959

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071389	Paddock Name: MT02060100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	260	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	39	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.057		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	7.1		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.66	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.96	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	9.6	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	13.4	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	7.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	0.80	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.81		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634959

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Report Number: 634960

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071388	Paddock Name: MT02105	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	480	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	64	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.20		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	18	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.5	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.5	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.46	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	24	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.8	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.3	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	11	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	33		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	<0.022	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	9.9	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	7.20	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634960

Sample Number: 022071388	Paddock Name: MT02105	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.5		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.08	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.68	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.56	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	24	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	58	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.60	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.33		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634961

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071387	Paddock Name: MT021515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	490	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	64	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.17		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	19	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.9	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.10	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	6.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	1.1	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	9.0	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	45		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.028	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	13	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.14	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	8.35	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.34	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634961

Sample Number: 022071387	Paddock Name: MT021515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.71	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.26	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	29	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	30	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.71	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.20		04-020-ICP17	21/08/2020 to 21/08/2020

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Report Number: 634962

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071386	Paddock Name: MT0211530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	410	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	66	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.12		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	10	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	5.9		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.63	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	7.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.081	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	11	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.12	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	10.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.77	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	1.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634963

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071385	Paddock Name: MT0213060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
Available Potassium ^	430	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	74	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.048		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	7.9		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.6	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	18	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	4.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.097	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	9.6	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	23.7	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.41	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	0.45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.7		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.14	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634964

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071384	Paddock Name: MT02160100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
Available Potassium ^	360	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	70	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	6			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.049		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	25	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	8.0		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.61	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.92	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	14	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	4.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.087	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	19.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.44	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.9		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.13	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634964

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Report Number: 634965

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Report Authorised
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NATA Accredited Laboratory
Number: 11958

Sample Number: 022071383	Paddock Name: MT02205	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	550	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	53	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.27		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	23	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.2	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.28	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	15	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	3.5	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	23	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	48		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.067	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	12	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.13	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	6.79	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.98	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634965

Sample Number: 022071383	Paddock Name: MT02205	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	2.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.81	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.87	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	25	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	130	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.77	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.48		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634966

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071382	Paddock Name: MT022515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	470	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	58	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.21		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	24	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.8	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.06	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	9.0	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.2	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	17	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	60		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.069	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	6.89	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.99	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634966

Sample Number: 022071382	Paddock Name: MT022515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.82	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.66	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	31	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	100	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.70	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.28		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634967

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Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071381	Paddock Name: MT0221530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	360	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	49	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.12		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	37	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	10	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	5.5		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	3.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.93	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.37	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	8.87	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	4.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Sample condition on receipt: Suitable for testing.

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Report Number: 634968

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Report Authorised
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NATA Accredited Laboratory
Number: 11958

Sample Number: 022071380	Paddock Name: MT0223060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	4			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	390	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	40	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.077		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	7.0		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.81	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.99	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	9.5	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	15.1	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	8.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	0.70	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.88		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	12	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634969

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Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071379	Paddock Name: MT02260100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	4			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	440	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	34	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.069		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	8.2		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	3.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	9.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	2.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	19.5	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.70		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.20	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	36	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Toll-free: 1800 803 453 Fax: (61 3) 9974 0699
Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 634969

Sample condition on receipt: Suitable for testing.

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Report Number: 634970

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071378	Paddock Name: MT02305	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	370	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	59	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.29		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	16	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay Loam		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Active (labile) Carbon ^	160	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	11	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.96	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	1.0	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	1.5	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	13	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	25		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.95	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.70	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.024	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	9.5	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	4.36	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.56	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634970

Sample Number: 022071378	Paddock Name: MT02305	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	2.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.7		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.49	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.35	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	21	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	49	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.43	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.52		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634971

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071377	Paddock Name: MT023515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	430	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	57	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.36		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	26	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay Loam		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Active (labile) Carbon ^	124	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	15	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.91	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.98	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	<1.0	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	9.7	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	26		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.65	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	<0.022	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	10	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.12	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	4.28	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634971

Sample Number: 022071377	Paddock Name: MT023515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	2.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.7		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.52	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.21	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	26	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	48	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl2)	0.43	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.37		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634972

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071376	Paddock Name: MT0231530	Date Received: 18-Aug-2020
Test Code: CT173		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	230	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	58	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.15		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	26	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	13	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	5.6		04-031-PH	19/08/2020 to 20/08/2020
Active (labile) Carbon ^	55.0	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	2.8	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.72	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.43	%	04-086-TC	20/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.59	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.036	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	9.2	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	4.67	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.78	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	2.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634972

Sample condition on receipt: Suitable for testing.

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Report Number: 634973

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071375	Paddock Name: MT0233060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
Available Potassium ^	360	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.073		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	42	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	6.5		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.6	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.66	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.92	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.31	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	14.0	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	0.72	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634973

Sample condition on receipt: Suitable for testing.

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Report Number: 634974

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071374	Paddock Name: MT02360100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	340	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	43	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.069		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	47	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	7.1		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.68	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.87	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.51	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	14.0	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.91		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634974

Sample condition on receipt: Suitable for testing.

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Report Number: 634975

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071373	Paddock Name: MT02405	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	430	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	67	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.22		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	13	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.8	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Sandy Loam		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.5	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.04	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	9.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.76	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.8	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	13	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	18		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.80	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.035	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	13	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.14	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	6.38	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.55	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634975

Sample Number: 022071373	Paddock Name: MT02405	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	2.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	5.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.54	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	1.1	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	22	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	40	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.64	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.72		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634976

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071372	Paddock Name: MT024515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	380	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	69	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.18		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	13	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.6	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			20/08/2020 to 20/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay Loam		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.8	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.94	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	32	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	2.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	7.7	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	11	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	28		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.98	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.82	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.073	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	10	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	6.50	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.1	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634976

Sample Number: 022071372	Paddock Name: MT024515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	5.5		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.10	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	15	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.54	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	1.0	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	20	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	35	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.57	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.39		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634977

Sustainable Soils Management P/L
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071371	Paddock Name: MT0241530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	250	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	62	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.12		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	26	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	11	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	6.3		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	9.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.64	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.068	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.90	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.5		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634977

Sample condition on receipt: Suitable for testing.

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Report Number: 634978

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071370	Paddock Name: MT0243060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	260	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	49	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.080		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	41	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	7.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	6.7		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	8.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.78	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.67	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.23	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	9.7	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	9.48	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	1.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.2		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634978

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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8 South Rd, Werribee Vic 3030

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Report Number: 634979

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071369	Paddock Name: MT02460100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	290	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	37	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.065		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	50	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	7.2		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.75	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.76	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	11	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.12	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	13.2	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	5.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	0.93	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.74		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634979

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Report Number: 634980

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071368	Paddock Name: MT02505	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	370	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	64	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.22		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.6	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	18	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay Loam		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.5	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.94	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	17	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	1.9	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	22	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	27		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.95	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.91	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.035	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.29	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.65	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634980

Sample Number: 022071368	Paddock Name: MT02505	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.7		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.59	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.57	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	25	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	40	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.51	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.81		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634981

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071367	Paddock Name: MT025515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	410	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	62	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.24		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.1	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.65	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	3.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	1.1	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	14	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	32		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.92	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.037	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.28	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.71	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634981

Sample Number: 022071367	Paddock Name: MT025515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.66	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.16	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	28	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	28	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.54	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.44		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634982

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071366	Paddock Name: MT0251530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	240	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.071		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	37	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	6.3		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	3.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.78	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.60	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.97	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	10.0	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	9.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634982

Sample condition on receipt: Suitable for testing.

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Report Number: 634983

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071365	Paddock Name: MT0253060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	250	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	34	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.042		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	3.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	7.8		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	3.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.85	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.65	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	8.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	19.2	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.76		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.14	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	11	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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8 South Rd, Werribee Vic 3030
Toll-free: 1800 803 453 Fax: (61 3) 9974 0699
Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 634983

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634984

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071364	Paddock Name: MT02560100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	240	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	25	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.045		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	47	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	3.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	8.5		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	3.4	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.61	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	8.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	4.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	18.9	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	25	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.53		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.25	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634984

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Report Number: 634985

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071363	Paddock Name: MT02605	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	340	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	54	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.32		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.5	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay Loam		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.86	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	8.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.84	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	1.6	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	33	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	39		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.88	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.66	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.031	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	21	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.24	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	3.95	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.77	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634985

Sample Number: 022071363	Paddock Name: MT02605	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	6.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.2		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.56	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.24	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	40	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	100	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.51	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.85		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634986

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071362	Paddock Name: MT026515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	360	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	55	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.29		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	19	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.4	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay Loam		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.79	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	15	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	3.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.8	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	21	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	36		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.92	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.81	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	<0.022	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	21	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.23	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	4.35	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634986

Sample Number: 022071362	Paddock Name: MT026515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	5.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.56	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.19	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	41	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	75	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.48	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.58		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634987

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071361	Paddock Name: MT0261530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	280	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	59	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.11		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	31	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	9.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	5.5		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	23	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.71	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.053	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	7.33	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.72	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634987

Sample condition on receipt: Suitable for testing.

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Report Number: 634988

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071360	Paddock Name: MT0263060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	420	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	49	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.074		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	43	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	6.8		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	8.9	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.69	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	7.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.18	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	16.0	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634988

Sample condition on receipt: Suitable for testing.

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Report Number: 634989

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071359	Paddock Name: MT02660100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	500	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	42	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.078		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	8.0		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	3.4	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	7.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	8.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.56	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	18.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.90		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.13	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634989

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Report Number: 634990

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071358	Paddock Name: MT02705	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	480	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	53	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.27		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Active (labile) Carbon ^	244	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	17	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	1.5	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	4.4	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	32	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	73		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.078	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	11	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.13	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.77	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.3	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634990

Sample Number: 022071358	Paddock Name: MT02705	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	2.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	15	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.85	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.65	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	34	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	160	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.64	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.44		04-020-ICP17	21/08/2020 to 21/08/2020

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Report Number: 634991

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071357	Paddock Name: MT027515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	360	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	57	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.19		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	26	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	16	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Active (labile) Carbon ^	119	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	4.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.78	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.98	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	2.0	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	15	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	66		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.92	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.068	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.78	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.2	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634991

Sample Number: 022071357	Paddock Name: MT027515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.2		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	16	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.81	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.18	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	29	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	67	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.62	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.23		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634992

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071356	Paddock Name: MT0271530	Date Received: 18-Aug-2020
Test Code: CT173		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	4			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	230	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	51	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.13		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	35	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	11	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	5.4		04-031-PH	19/08/2020 to 20/08/2020
Active (labile) Carbon ^	58.3	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	2.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.56	%	04-086-TC	20/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.59	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.15	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.44	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.5		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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8 South Rd, Werribee Vic 3030
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Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 634992

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634993

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071355	Paddock Name: MT0273060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	290	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	34	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.068		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	52	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			20/08/2020 to 20/08/2020
pH (1:5 CaCl ₂)	4.9		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.70	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.73	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.84	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	18	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.20	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	12.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	6.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	1.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.64		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634993

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Report Number: 634994

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071354	Paddock Name: MT02760100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	3			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	4			20/08/2020 to 20/08/2020
Available Potassium ^	240	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	27	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.062		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	57	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	4.9		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.61	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	19	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.21	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	11.8	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	9.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	1.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.48		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 634994

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Report Number: 634995

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071353	Paddock Name: MT02805	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	470	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	54	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.29		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	23	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.8	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.5	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.07	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	24	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	6.9	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	4.4	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	24	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	40		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.044	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.38	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.82	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634995

Sample Number: 022071353	Paddock Name: MT02805	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.08	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.79	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.70	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	67	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	59	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl2)	0.58	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.60		04-020-ICP17	21/08/2020 to 21/08/2020
Sand (Coarse) ^	24.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	49.1	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	12.1	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	14.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634996

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071352	Paddock Name: MT028515	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	0			20/08/2020 to 20/08/2020
Available Potassium ^	330	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	59	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	6			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.16		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	26	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.5	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	14	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.9	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.86	%	04-018-UV1	19/08/2020 to 25/08/2020
Nitrate Nitrogen	57	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	15	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	9.4	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	18	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	45		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.85	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.085	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	6.07	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.4	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 634996

Sample Number: 022071352	Paddock Name: MT028515	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.15	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	23	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.84	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.31	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	58	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	47	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl2)	0.51	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.40		04-020-ICP17	21/08/2020 to 21/08/2020
Sand (Coarse) ^	24.4	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	46.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	10.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	18.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 634997

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071351	Paddock Name: MT0281530	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	320	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	59	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.077		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	32	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	7.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	6.0		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	25	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.0	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.81	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.24	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	11.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.8		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.08	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sand (Coarse) ^	17.9	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	38.3	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	10.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634997

Sample Number: 022071351	Paddock Name: MT0281530	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	33.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634998

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071350	Paddock Name: MT0283060	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	1			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	2			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	2			20/08/2020 to 20/08/2020
Available Potassium ^	340	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	56	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.055		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	36	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	7.4		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	7.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.88	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	9.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.51	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	17.3	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.5		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.08	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sand (Coarse) ^	11.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	32.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	9.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634998

Sample Number: 022071350	Paddock Name: MT0283060	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	46.7	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 634999

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071349	Paddock Name: MT02860100	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	290	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	53	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.046		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	38	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
pH (1:5 CaCl2)	8.2		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.4	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.72	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.73	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	9.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.80	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	17.4	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	4.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.14	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	16	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sand (Coarse) ^	15.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	41.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	10.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 634999

Sample Number: 022071349	Paddock Name: MT02860100	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	33.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635000

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071348	Paddock Name: MT02905	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
2 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
20 hour natural aggregate ^	1			20/08/2020 to 20/08/2020
20 hour remoulded aggregate ^	3			20/08/2020 to 20/08/2020
Available Potassium ^	490	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	57	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			20/08/2020 to 20/08/2020
Grass Tetany Risk Index ^	0.31		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	18	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.1	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			20/08/2020 to 20/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay Loam		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.21	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	9.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	4.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	3.0	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	23	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	40		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.036	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	9.4	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.67	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.63	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635000

Sample Number: 022071348	Paddock Name: MT02905	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.2		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.67	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.64	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	28	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	82	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.55	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.58		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635001

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071347	Paddock Name: MT029515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
Available Potassium ^	310	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	60	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.18		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.5	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.86	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	6.4	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	3.4	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	13	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	49		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.80	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.053	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	10	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	0.12	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.30	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.99	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635001

Sample Number: 022071347	Paddock Name: MT029515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	2.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.7		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.77	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.19	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	40	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	63	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.54	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.27		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635002

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071346	Paddock Name: MT0291530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	250	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	54	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.089		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	34	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	7.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	5.5		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	4.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.64	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.32	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	8.13	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635002

Sample condition on receipt: Suitable for testing.

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Report Number: 635003

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071345	Paddock Name: MT0293060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	280	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	44	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.050		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	44	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	6.9		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	4.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.70	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	7.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	7.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	15.9	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	7.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635003

Sample condition on receipt: Suitable for testing.

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Report Number: 635004

Sustainable Soils Management P/L
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071344	Paddock Name: MT02960100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	220	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	39	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.052		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	47	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	7.6		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.8	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.55	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	12.3	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	9.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.83		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.08	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635004

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Report Number: 635005

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071343	Paddock Name: MT03005	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	2			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
Available Potassium ^	410	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	54	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.19		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	27	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.2	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.28	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	5.1	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	19	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	45		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.29	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	7.16	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	4.1	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635005

Sample Number: 022071343	Paddock Name: MT03005	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	23	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.71	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.52	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	22	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	64	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.65	mg/kg	04-025-ICP7	20/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.42		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Analyses performed on soil dried at 40°C and ground to 2mm or less.

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Report Number: 635006

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071342	Paddock Name: MT030515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	280	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	57	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.12		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	29	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.0	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	10	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.16	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	3.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	1.7	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	15	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	48		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.71	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.26	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	6.89	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.8	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635006

Sample Number: 022071342	Paddock Name: MT030515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.77	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.34	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	26	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	62	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.68	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.31		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635007

Sustainable Soils Management P/L
PO Box 130
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071341	Paddock Name: MT0301530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	180	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	52	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.054		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	36	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	5.6		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.90	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.45	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.66	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	9.42	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	7.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635007

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Report Number: 635008

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071340	Paddock Name: MT0303060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	170	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	38	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.031		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	2.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	7.4		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.6	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.43	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	7.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	2.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	16.2	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.79		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.09	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	13	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635008

Sample condition on receipt: Suitable for testing.

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Report Number: 635009

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071339	Paddock Name: MT03060100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	150	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	31	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.029		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	49	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	2.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	8.1		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.63	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.39	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	8.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	3.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	16.9	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	18	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.62		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.17	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	55	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635009

Sample condition on receipt: Suitable for testing.

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Report Number: 635010

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071338	Paddock Name: MT03105	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
Available Potassium ^	430	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	56	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.26		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.0	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.15	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	15	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.0	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	13	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	50		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.081	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.51	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.5	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635010

Sample Number: 022071338	Paddock Name: MT03105	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.82	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.65	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	39	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	90	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl2)	0.58	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.26		04-020-ICP17	21/08/2020 to 21/08/2020
Sand (Coarse) ^	18.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	53.9	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	15.0	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	12.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635011

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071337	Paddock Name: MT031515	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
Available Potassium ^	360	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	61	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.22		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.6	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	18	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	4.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.94	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	6.9	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.6	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	7.2	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	64		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.92	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.063	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.24	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.2	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635011

Sample Number: 022071337	Paddock Name: MT031515	Date Received: 18-Aug-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.2		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.0		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.79	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.28	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	42	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	63	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl2)	0.57	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.11		04-020-ICP17	21/08/2020 to 21/08/2020
Sand (Coarse) ^	16.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	54.7	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	15.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Clay ^	13.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635012

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071336	Paddock Name: MT0311530	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	130	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	65	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.070		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	26	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	5.1		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.0	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.91	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.32	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.15	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.08	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.5		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sand (Coarse) ^	19.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	53.4	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	13.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 635012

Sample Number: 022071336	Paddock Name: MT0311530	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	13.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635013

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NSW 2824



Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071335	Paddock Name: MT0313060	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	62	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	41	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.036		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	3.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	5.8		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.16	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.58	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.21	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	11	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.96		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	13	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sand (Coarse) ^	22.1	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	51.9	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	12.4	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 635013

Sample Number: 022071335	Paddock Name: MT0313060	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	13.6	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635014

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071334	Paddock Name: MT03160100	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	120	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	28	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.039		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	52	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	3.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	6.2		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.6	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.63	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.32	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	10.4	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.54		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.12	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	91	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sand (Coarse) ^	31.2	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Sand (Fine) ^	34.8	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Silt ^	8.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020

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SOIL ANALYSIS REPORT

Report Number: 635014

Sample Number: 022071334	Paddock Name: MT03160100	Date Received: 18-Aug-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	25.5	%	04-001-SANSILCLAY	19/08/2020 to 25/08/2020
Texture (Calculated) ^			04-001-SANSILCLAY	19/08/2020 to 25/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635015

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071333	Paddock Name: MT03205	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	320	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	71	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.17		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay Loam		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Active (labile) Carbon ^	166	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	4.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.82	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	1.2	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	<1.0	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	9.1	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	40		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.82	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.81	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	<0.022	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.55	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635015

Sample Number: 022071333	Paddock Name: MT03205	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	4.8		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.47	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.28	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	19	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	24	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl2)	0.49	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.23		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635016

Sustainable Soils Management P/L
PO Box 130
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071332	Paddock Name: MT032515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
Available Potassium ^	330	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	83	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.084		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	9.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	7.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
Soil Colour	Red-brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	7.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.8	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Active (labile) Carbon ^	119	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	2.4	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.93	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	1.3	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	7.5	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	67		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.84	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	9.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	<0.022	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	10.9	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635016

Sample Number: 022071332	Paddock Name: MT032515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	9.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.13	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.39	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.081	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	7.2	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	8.3	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.63	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.11		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635017

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PO Box 130
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NSW 2824



Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071331	Paddock Name: MT0321530	Date Received: 18-Aug-2020
Test Code: CT173		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 24/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 24/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 24/08/2020
20 hour remoulded aggregate ^	0			21/08/2020 to 24/08/2020
Available Potassium ^	280	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	88	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 24/08/2020
Grass Tetany Risk Index ^	0.041		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	8.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	3.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 24/08/2020
pH (1:5 CaCl ₂)	8.0		04-031-PH	19/08/2020 to 20/08/2020
Active (labile) Carbon ^	67.0	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	2.0	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.69	%	04-086-TC	20/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.71	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	16	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	<0.022	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	18.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	11		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.11	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635018

Sustainable Soils Management P/L
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071330	Paddock Name: MT0323060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
Available Potassium ^	360	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	75	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	6			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.043		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	8.1		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	6.6	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.73	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.92	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	17	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	4.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.091	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	22.1	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.41	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.8		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.7		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.14	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635019

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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071329	Paddock Name: MT03260100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
Available Potassium ^	350	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	51	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	6			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.072		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	41	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	8.2		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.89	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.14	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	13.4	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.12	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635019

Sample condition on receipt: Suitable for testing.

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Report Number: 635020

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071328	Paddock Name: MT03305	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
Available Potassium ^	370	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	63	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.22		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	18	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.0	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	18	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.2		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.15	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	4.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.7	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	12	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	53		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.94	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.94	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.058	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.19	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.1	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635020

Sample Number: 022071328	Paddock Name: MT03305	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.5		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.61	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.60	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	26	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	60	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.52	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.23		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635021

Sustainable Soils Management P/L
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071327	Paddock Name: MT033515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	250	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	67	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.14		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.3	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.3		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.1	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.75	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	2.0	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.73	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.1	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	10	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	56		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.65	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.052	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	5.45	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.95	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635021

Sample Number: 022071327	Paddock Name: MT033515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.5		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.61	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.23	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	29	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	41	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.46	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.18		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635022

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Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071326	Paddock Name: MT0331530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	110	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	56	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.071		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	33	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	5.6		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	1.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.27	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.19	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	4.18	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	4.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.7		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635022

Sample condition on receipt: Suitable for testing.

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Report Number: 635023

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Report Authorised
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NATA Accredited Laboratory
Number: 11958

Sample Number: 022071325	Paddock Name: MT0333060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	180	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	39	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.058		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	46	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	6.0		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.76	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.46	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	4.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.89	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 24/08/2020
Cation Exchange Capacity (Amm-acet.)	9.28	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	9.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.86		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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8 South Rd, Werribee Vic 3030
Toll-free: 1800 803 453 Fax: (61 3) 9974 0699
Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635023

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635024

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071324	Paddock Name: MT03360100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	260	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	30	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.063		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	52	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	5.9		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	2.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.66	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	12.8	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	13	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.58		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.9		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.15	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	35	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635024

Sample condition on receipt: Suitable for testing.

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Report Number: 635025

This report supersedes Report Number 633998

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071323	Paddock Name: MT03405	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
Available Potassium ^	380	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	56	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.18		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	27	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.0	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.15	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	7.6	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	4.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.9	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	14	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	42		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.98	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.11	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	6.68	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.7	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635025

Sample Number: 022071323	Paddock Name: MT03405	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.6		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	11	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.78	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.41	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	27	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	36	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.55	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.33		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635026

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071322	Paddock Name: MT034515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	340	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	40	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.067		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.2	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	5.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	6.4		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	0.71	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	2.9	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.0	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.3	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	7.6	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	77		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.87	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	15.2	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	9.5	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635026

Sample Number: 022071322	Paddock Name: MT034515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.90		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.8		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	28	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	1.0	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.056	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	22	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	16	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	1.4	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.10		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635027

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071321	Paddock Name: MT0341530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
Available Potassium ^	250	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.023		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	37	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	1.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	8.3		04-031-PH	19/08/2020 to 20/08/2020
Nitrate Nitrogen	5.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.63	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	16	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	12	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	4.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	32.5	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	13	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.1		04-031-PH	19/08/2020 to 20/08/2020
Electrical Conductivity (1:5 water)	0.47	dS/m	04-031-PH	19/08/2020 to 20/08/2020
Chloride	280	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635027

Sample condition on receipt: Suitable for testing.

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Report Number: 635028

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071320	Paddock Name: MT0343060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
Available Potassium ^	210	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	6			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.019		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	35	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	1.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	8.5		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	8.9	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.95	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.53	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	16	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	12	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	6.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	34.5	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	18	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.3		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.96	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	850	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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8 South Rd, Werribee Vic 3030
Toll-free: 1800 803 453 Fax: (61 3) 9974 0699
Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635028

Sample condition on receipt: Suitable for testing.

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Report Number: 635029

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071318	Paddock Name: MT03460100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
Available Potassium ^	210	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	42	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.020		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	37	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	1.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	8.7		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	5.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.55	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	15	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	13	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	7.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	35.1	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.2		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.4		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	1.08	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	920	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635029

Sample condition on receipt: Suitable for testing.

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Report Number: 635168

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071496	Paddock Name: MT035010	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
Available Potassium ^	490	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	64	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.25		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	16	%	04-026-ICP8	8/09/2020 to 8/09/2020
Organic Matter (W&B * 1.72) ^	2.6	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	20	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
Soil Colour	Red-brown		04-042-PHYS	8/09/2020 to 8/09/2020
Soil Texture	Clay Loam		04-042-PHYS	8/09/2020 to 8/09/2020
pH (1:5 CaCl2)	5.8		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.9	dS/m	04-054-WCALC	8/09/2020 to 8/09/2020
Organic Carbon (W&B)	1.51	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	11	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Ammonium Nitrogen	2.5	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Sulphur (KCl40)	10	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	7.1	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	60		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	4.1	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	0.063	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	6.41	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	0.98	%	04-026-ICP8	8/09/2020 to 8/09/2020

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Report Number: 635168

Sample Number: 022071496	Paddock Name: MT035010	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	4.1		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	6.4		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.11	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	12	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Copper (DTPA)	0.62	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.45	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	30	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	67	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl ₂)	0.69	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.12		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635030

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071316	Paddock Name: MT035515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	2			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	2			21/08/2020 to 21/08/2020
Available Potassium ^	550	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	63	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.23		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	16	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.1	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	18	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	24/08/2020 to 24/08/2020
Soil Texture	Clay		04-042-PHYS	24/08/2020 to 24/08/2020
pH (1:5 CaCl2)	5.4		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	24/08/2020 to 24/08/2020
Organic Carbon (W&B)	1.20	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	8.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	2.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.5	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	7.9	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	64		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.063	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	10	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	7.74	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.81	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635030

Sample Number: 022071316	Paddock Name: MT035515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	4.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.5		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.61	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.22	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	33	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	48	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.65	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.12		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635031

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071315	Paddock Name: MT0351530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	370	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	62	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.21		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	6.0		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	0.98	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.96	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.051	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	5.64	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.90	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.2		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.1		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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8 South Rd, Werribee Vic 3030
Toll-free: 1800 803 453 Fax: (61 3) 9974 0699
Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635031

Sample condition on receipt: Suitable for testing.

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Report Number: 635032

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071314	Paddock Name: MT0353060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	270	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	55	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.14		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	30	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	6.3		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	0.81	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.70	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.14	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	5.78	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.8		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.5		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635032

Sample condition on receipt: Suitable for testing.

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Report Number: 635033

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071313	Paddock Name: MT03560100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	300	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	34	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.095		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	50	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	8.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	6.1		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	0.80	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.77	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	4.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.76	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	9.61	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	7.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.69		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.4		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	11	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635033

Sample condition on receipt: Suitable for testing.

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Report Number: 635034

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071312	Paddock Name: MT03605	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	2			21/08/2020 to 21/08/2020
Available Potassium ^	490	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	64	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.26		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	16	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.9	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay Loam		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	5.6		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.8	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	1.71	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	32	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	2.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	3.3	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	20	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	42		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.027	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	6.33	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.43	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635034

Sample Number: 022071312	Paddock Name: MT03605	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	4.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.4		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.10	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.61	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	1.0	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	38	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	61	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.64	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.48		04-020-ICP17	21/08/2020 to 21/08/2020

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Report Number: 635035

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071311	Paddock Name: MT036515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
Available Potassium ^	370	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	65	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.27		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	13	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.0	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay Loam		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	4.7		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	0.60	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	3.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.85	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	1.4	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	12	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	53		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.94	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.60	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.025	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	4.43	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.57	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635035

Sample Number: 022071311	Paddock Name: MT036515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	4.8		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.2		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.72	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.20	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	55	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	39	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.46	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.23		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635036

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071310	Paddock Name: MT0361530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
Available Potassium ^	250	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	88	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	6			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.060		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	6.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	7.7		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	1.4	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.64	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	9.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.78	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	<0.022	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	11.2	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	13		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.3		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.13	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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8 South Rd, Werribee Vic 3030
Toll-free: 1800 803 453 Fax: (61 3) 9974 0699
Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635036

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635037

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071309	Paddock Name: MT0363060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
Available Potassium ^	110	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	92	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	6			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.015		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	6.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	1.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	8.1		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	0.84	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.28	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	18	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.040	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	19.1	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	15		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.09	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635037

Sample condition on receipt: Suitable for testing.

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Report Number: 635038

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071308	Paddock Name: MT03660100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
Available Potassium ^	93	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	89	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	6			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.014		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	9.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	1.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	8.2		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	0.55	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.24	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	16	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.083	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	17.7	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.47	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	10		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.10	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635038

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Report Number: 635098

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071306	Paddock Name: MT03705	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	2			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
Available Potassium ^	440	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	56	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.28		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	21	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	2.3	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	22	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
Soil Colour	Red-brown		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay Loam		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	5.0		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	1.31	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	6.6	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	5.5	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Sulphur (KCl40)	2.5	mg/kg	04-021-ICP2	4/09/2020 to 7/09/2020
Phosphorus (Colwell)	15	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	39		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	2.9	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.064	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	5.26	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	1.2	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635098

Sample Number: 022071306	Paddock Name: MT03705	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	2.6		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.3		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	<10	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Copper (DTPA)	0.65	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Zinc (DTPA)	1.1	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Manganese (DTPA)	38	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Iron (DTPA)	97	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Boron (Hot CaCl ₂)	0.55	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.38		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635099

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071305	Paddock Name: MT037515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	380	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	58	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.25		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	21	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	1.1	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	20	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
Soil Colour	Red		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	5.1		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	0.62	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	1.5	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	1.5	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Sulphur (KCl40)	1.8	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	50		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	0.97	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	2.9	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.094	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	4.96	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	1.9	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635099

Sample Number: 022071305	Paddock Name: MT037515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	2.9		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.5		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	<10	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Copper (DTPA)	0.63	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Zinc (DTPA)	0.14	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Manganese (DTPA)	25	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Iron (DTPA)	33	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Boron (Hot CaCl ₂)	0.51	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.10		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635100

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071304	Paddock Name: MT0371530	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	4			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	210	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	40	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.067		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	47	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	5.8	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	6.0		04-031-PH	3/09/2020 to 4/09/2020
Nitrate Nitrogen	1.0	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	1.1	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.54	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	3.7	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	4.4	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.63	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	9.27	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	6.8	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	0.84		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	7.6		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	<10	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020

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Report Number: 635100

Sample condition on receipt: Suitable for testing.

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Report Number: 635101

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071303	Paddock Name: MT0373060	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	260	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	36	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.065		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	51	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	5.7	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	7.0		04-031-PH	3/09/2020 to 4/09/2020
Nitrate Nitrogen	1.1	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	0.91	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.66	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	4.2	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	5.9	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.87	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	11.6	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	7.5	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	0.71		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	8.4		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	<10	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020

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Report Number: 635101

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Report Number: 635102

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071302	Paddock Name: MT03760100	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	180	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	33	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.078		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	49	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	6.4	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	7.7		04-031-PH	3/09/2020 to 4/09/2020
Nitrate Nitrogen	1.1	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	0.76	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.46	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	2.4	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	3.5	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.81	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	7.20	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	11	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	0.69		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	9.2		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	11	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020

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Report Number: 635102

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Report Number: 635103

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071301	Paddock Name: MT03805	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	2			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	2			4/09/2020 to 4/09/2020
Available Potassium ^	280	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	50	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.26		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	25	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	1.9	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	19	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
Soil Colour	Red-brown		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay Loam		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	4.7		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	1.10	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	8.9	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	6.6	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Sulphur (KCl40)	1.8	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	6.2	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	45		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	0.72	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	0.92	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.051	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	16	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.18	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	3.75	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	1.3	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635103

Sample Number: 022071301	Paddock Name: MT03805	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	4.8	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	2.1		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	5.8		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	<10	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Copper (DTPA)	0.56	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Zinc (DTPA)	0.72	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Manganese (DTPA)	28	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Iron (DTPA)	64	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Boron (Hot CaCl ₂)	0.45	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.14		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635104

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071300	Paddock Name: MT038515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
Available Potassium ^	210	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	55	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.20		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	24	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	0.83	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	16	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
Soil Colour	Red		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay Loam		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	4.8		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	0.48	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	2.3	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	1.8	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Sulphur (KCl40)	<1.0	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	43		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	0.54	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	0.81	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.057	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	13	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.15	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	3.45	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	1.6	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635104

Sample Number: 022071300	Paddock Name: MT038515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	4.3	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	2.3		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.3		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	<10	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Copper (DTPA)	0.57	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Zinc (DTPA)	0.053	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Manganese (DTPA)	26	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Iron (DTPA)	23	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Boron (Hot CaCl ₂)	0.35	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.12		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635105

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071299	Paddock Name: MT0381530	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	150	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	34	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.081		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	50	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	6.7	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	5.7		04-031-PH	3/09/2020 to 4/09/2020
Nitrate Nitrogen	0.90	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.39	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	2.9	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.55	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	5.76	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	9.6	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	0.66		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	7.3		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	<10	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020

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Report Number: 635105

Sample condition on receipt: Suitable for testing.

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Report Number: 635106

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071298	Paddock Name: MT0383060	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	200	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	29	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.065		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	54	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	5.4	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	6.1		04-031-PH	3/09/2020 to 4/09/2020
Nitrate Nitrogen	0.57	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	1.1	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.50	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	2.7	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	5.0	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	9.37	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	12	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	0.54		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	7.7		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	11	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020

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Report Number: 635106

Sample condition on receipt: Suitable for testing.

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Report Number: 635107

This report supersedes Report Number 634009

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071297	Paddock Name: MT03860100	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	260	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	26	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.060		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	55	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	4.9	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	7.1		04-031-PH	3/09/2020 to 4/09/2020
Nitrate Nitrogen	0.88	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	0.80	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.65	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	3.5	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	7.3	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	2.0	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	13.4	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	15	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	0.48		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	8.5		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.09	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	19	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020

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Report Number: 635107

Sample condition on receipt: Suitable for testing.

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Report Number: 635108

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072000	Paddock Name: MT03905	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	560	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	64	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.22		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	17	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	2.0	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	18	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Red-brown		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	5.3		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	1.17	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	2.6	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	2.0	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Sulphur (KCl40)	2.6	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	8.7	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	44		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	5.0	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.087	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	7.80	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	1.1	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635108

Sample Number: 022072000	Paddock Name: MT03905	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	3.8		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.5		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	<10	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Copper (DTPA)	0.95	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Zinc (DTPA)	0.41	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Manganese (DTPA)	43	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Iron (DTPA)	51	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Boron (Hot CaCl ₂)	0.81	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.20		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635109

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071995	Paddock Name: MT039515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	2			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
Available Potassium ^	330	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	71	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.10		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	19	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	1.4	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	9.3	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Red-brown		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	5.8		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	0.84	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	1.9	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	2.3	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Sulphur (KCl40)	5.1	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	7.0	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	54		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	0.84	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	6.4	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.083	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	9.06	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	0.91	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635109

Sample Number: 022071995	Paddock Name: MT039515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	3.8		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.7		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	11	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Copper (DTPA)	0.97	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Zinc (DTPA)	0.17	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Manganese (DTPA)	45	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Iron (DTPA)	26	mg/kg	04-024-ICP6	4/09/2020 to 7/09/2020
Boron (Hot CaCl ₂)	0.67	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.13		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635110

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071994	Paddock Name: MT0391530	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	4			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	230	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	64	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.080		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	27	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	7.2	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	6.2		04-031-PH	3/09/2020 to 4/09/2020
Nitrate Nitrogen	1.5	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.59	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	5.2	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	2.2	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.12	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	8.12	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	1.5	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	2.4		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	7.5		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	<10	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020

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Report Number: 635110

Sample condition on receipt: Suitable for testing.

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Report Number: 635111

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071993	Paddock Name: MT0393060	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	300	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	48	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.056		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	44	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	5.2	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	6.7		04-031-PH	3/09/2020 to 4/09/2020
Nitrate Nitrogen	<0.50	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.76	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	7.1	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	6.4	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.40	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	14.7	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	2.7	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.1		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	7.8		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	<10	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020

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Report Number: 635111

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Report Number: 635112

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071992	Paddock Name: MT03960100	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	220	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	41	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.056		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	48	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	5.0	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	6.8		04-031-PH	3/09/2020 to 4/09/2020
Nitrate Nitrogen	<0.50	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	0.82	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.55	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	4.5	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	5.3	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.58	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	11.0	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	5.2	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	0.85		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	8.4		04-031-PH	3/09/2020 to 4/09/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	3/09/2020 to 4/09/2020
Chloride	<10	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020

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Report Number: 635112

Sample condition on receipt: Suitable for testing.

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Report Number: 635113

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071991	Paddock Name: MT04005	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	480	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	56	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.24		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	21	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	2.4	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	19	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
Soil Colour	Red-brown		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	5.0		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	1.38	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	2.5	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	7.1	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Sulphur (KCl40)	1.7	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	55	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	70		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	3.7	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.31	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	6.64	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	4.7	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635113

Sample Number: 022071991	Paddock Name: MT04005	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	2.6		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.4		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Copper (DTPA)	1.5	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.87	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	76	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	92	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl ₂)	0.72	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.79		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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8 South Rd, Werribee Vic 3030
Toll-free: 1800 803 453 Fax: (61 3) 9974 0699
Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635114

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071990	Paddock Name: MT040515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	220	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	61	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.11		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	24	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	1.5	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	9.4	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
Soil Colour	Red-brown		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	4.8		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	0.85	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	1.6	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Ammonium Nitrogen	1.0	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Sulphur (KCl40)	2.7	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	10	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	64		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	0.56	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	3.7	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.24	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	9.2	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	5.99	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	4.0	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635114

Sample Number: 022071990	Paddock Name: MT040515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.7	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	2.6		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.2		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	4/09/2020 to 8/09/2020
Copper (DTPA)	1.5	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.15	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	34	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	34	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl ₂)	0.75	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.16		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635115

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071989	Paddock Name: MT0401530	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	4			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	120	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	41	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	1			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.058		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	40	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	4.7	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	5.3		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	<0.50	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.31	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	2.7	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	2.6	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.94	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	6.54	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	14	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.0		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	7.1		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Report Number: 635115

Sample condition on receipt: Suitable for testing.

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Report Number: 635116

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071988	Paddock Name: MT0403060	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	190	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	32	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.048		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	47	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	3.8	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	6.7		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	<0.50	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.4	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.48	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	4.1	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	6.0	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	2.3	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	12.8	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	18	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	0.68		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	8.2		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	11	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Report Number: 635116

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Report Number: 635117

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071987	Paddock Name: MT04060100	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	280	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	27	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.052		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	48	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	4.0	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	7.6		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	<0.50	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.5	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.71	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	4.9	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	8.7	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	3.6	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	18.0	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	20	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	0.56		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	9.1		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.11	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	23	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Report Number: 635118

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071982	Paddock Name: MT04105	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
Available Potassium ^	740	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	78	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.073		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	15	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	3.2	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	6.8	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
Soil Colour	Brown		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	7.8		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	1.1	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	1.86	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	14	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	3.7	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sulphur (KCl40)	3.6	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	27	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	100		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	22	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	4.2	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.12	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	27.8	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	0.45	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635118

Sample Number: 022071982	Paddock Name: MT04105	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	5.2		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	8.4		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.17	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	1.1	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.47	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	7.1	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	16	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl ₂)	1.6	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	0.026	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.27		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635119

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071981	Paddock Name: MT041515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	400	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	77	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.051		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	17	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	1.4	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	4.9	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Brown		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	8.0		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.7	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	0.84	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	1.7	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.8	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sulphur (KCl40)	1.2	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	99		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	16	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	3.6	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.099	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	20.7	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	0.48	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635119

Sample Number: 022071981	Paddock Name: MT041515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	4.4		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	8.7		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.12	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	1.3	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.089	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	7.8	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	16	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl ₂)	1.2	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.05		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635120

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071983	Paddock Name: MT0411530	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	270	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	63	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.038		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	31	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	3.6	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	7.9		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	0.52	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.4	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.68	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	12	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	6.0	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.31	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	19.1	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	1.6	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	2.0		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	8.7		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.10	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Report Number: 635121

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071986	Paddock Name: MT0413060	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	2			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	2			4/09/2020 to 4/09/2020
Available Potassium ^	200	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	50	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.028		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	41	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	2.6	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	8.3		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	1.9	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.7	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.52	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	10	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	8.3	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	12	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.14	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	20.2	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	5.7	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	0.67	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.2		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	9.2		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.16	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Report Number: 635121

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Report Number: 635122

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071985	Paddock Name: MT04160100	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	4			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	200	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	47	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.028		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	41	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	2.5	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	8.5		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	2.7	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.4	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.52	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	9.8	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	8.5	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	2.1	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	13	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.14	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	21.0	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	9.9	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	0.67	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.2		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	9.5		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.21	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	13	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Report Number: 635122

Sample condition on receipt: Suitable for testing.

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Report Number: 635123

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071984	Paddock Name: MT04205	Date Received: 2-Sep-2020
Test Code: CT170		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
Available Potassium ^	470	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	54	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.14		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	31	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	12	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
Soil Colour	Red		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	5.0		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.9	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Active (labile) Carbon ^	379	mg/kg	04-065-ACTIVE_C	8/09/2020 to 9/09/2020
Nitrate Nitrogen	41	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	16	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Total Carbon (combustion)	1.5	%	04-086-TC	8/09/2020 to 8/09/2020
Sulphur (KCl40)	14	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	35	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	93		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	5.3	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	3.0	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.10	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	13	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.14	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	9.75	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	1.0	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635123

Sample Number: 022071984	Paddock Name: MT04205	Date Received: 2-Sep-2020
Test Code: CT170		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.5	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.8		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	5.7		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.14	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	13	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	3.3	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.56	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	82	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	37	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl2)	0.93	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Phosphorus Environmental Risk Index ^	0.38		04-020-ICP17	7/09/2020 to 7/09/2020
Sand (Coarse) ^	17.5	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	32.6	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	15.8	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Clay ^	34.1	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635124

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071980	Paddock Name: MT042515	Date Received: 2-Sep-2020
Test Code: CT170		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	320	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	58	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.10		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	31	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	9.0	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Red		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	4.9		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Active (labile) Carbon ^	220	mg/kg	04-065-ACTIVE_C	8/09/2020 to 9/09/2020
Nitrate Nitrogen	13	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.8	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Total Carbon (combustion)	1.1	%	04-086-TC	8/09/2020 to 8/09/2020
Sulphur (KCl40)	6.6	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	18	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	88		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	0.82	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	5.3	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	2.8	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.072	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	14	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.16	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	9.12	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	0.79	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635124

Sample Number: 022071980	Paddock Name: MT042515	Date Received: 2-Sep-2020
Test Code: CT170		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.7	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.9		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	5.8		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	3.3	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.19	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	34	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	24	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl2)	0.84	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Phosphorus Environmental Risk Index ^	0.20		04-020-ICP17	7/09/2020 to 7/09/2020
Sand (Coarse) ^	16.3	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	30.2	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	16.2	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Clay ^	37.3	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635125

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Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071974	Paddock Name: MT0421530	Date Received: 2-Sep-2020
Test Code: CT172		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
Available Potassium ^	170	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	56	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.036		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	38	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	3.4	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	6.2		04-031-PH	4/09/2020 to 7/09/2020
Active (labile) Carbon ^	167	mg/kg	04-065-ACTIVE_C	8/09/2020 to 9/09/2020
Nitrate Nitrogen	9.7	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Total Carbon (combustion)	0.69	%	04-086-TC	8/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.43	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	7.1	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	4.8	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.092	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	13	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.15	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	12.6	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	0.73	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	1.2	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.5		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	7.1		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sand (Coarse) ^	15.9	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020

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SOIL ANALYSIS REPORT

Report Number: 635125

Sample Number: 022071974	Paddock Name: MT0421530	Date Received: 2-Sep-2020
Test Code: CT172		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Sand (Fine) ^	25.1	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	11.3	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Clay ^	47.7	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635126

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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071973	Paddock Name: MT0423060	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	130	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	48	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.020		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	49	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	1.9	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	6.8		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	12	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.33	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	8.3	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	8.4	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.13	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	15	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.16	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	17.4	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	0.77	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	0.94	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	0.99		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	7.6		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sand (Coarse) ^	16.0	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	18.4	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	8.8	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020

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SOIL ANALYSIS REPORT

Report Number: 635126

Sample Number: 022071973	Paddock Name: MT0423060	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	56.8	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635127

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Sample Number: 022071972	Paddock Name: MT04260100	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	92	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	42	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	6			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.0092		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	56	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	0.92	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	6.7		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	2.7	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.6	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.23	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	11	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	14	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.18	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	14	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.15	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	25.5	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	0.72	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	0.60	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	0.79		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	7.7		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sand (Coarse) ^	29.9	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	17.3	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	9.8	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020

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SOIL ANALYSIS REPORT

Report Number: 635127

Sample Number: 022071972	Paddock Name: MT04260100	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	43.0	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635128

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071971	Paddock Name: MT04305	Date Received: 2-Sep-2020
Test Code: CT170		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	560	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	58	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.15		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	27	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	13	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
Soil Colour	Red		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	5.2		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Active (labile) Carbon ^	406	mg/kg	04-065-ACTIVE_C	8/09/2020 to 9/09/2020
Nitrate Nitrogen	8.1	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.5	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Total Carbon (combustion)	1.8	%	04-086-TC	8/09/2020 to 8/09/2020
Sulphur (KCl40)	2.2	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	28	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	79		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	6.2	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	2.9	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.025	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	11	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.12	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	10.7	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	0.23	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635128

Sample Number: 022071971	Paddock Name: MT04305	Date Received: 2-Sep-2020
Test Code: CT170		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	2.1		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.3		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	3.0	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.54	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	54	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	38	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl2)	0.87	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Phosphorus Environmental Risk Index ^	0.35		04-020-ICP17	7/09/2020 to 7/09/2020
Sand (Coarse) ^	13.6	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	37.3	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	16.4	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Clay ^	32.7	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635129

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071970	Paddock Name: MT043515	Date Received: 2-Sep-2020
Test Code: CT170		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	400	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	59	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.10		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	31	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	9.4	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Red		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	5.5		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Active (labile) Carbon ^	211	mg/kg	04-065-ACTIVE_C	8/09/2020 to 9/09/2020
Nitrate Nitrogen	3.3	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Total Carbon (combustion)	0.99	%	04-086-TC	8/09/2020 to 8/09/2020
Sulphur (KCl40)	4.0	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	6.9	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	100		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	6.3	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.028	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	13	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.14	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	10.8	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	0.26	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635129

Sample Number: 022071970	Paddock Name: MT043515	Date Received: 2-Sep-2020
Test Code: CT170		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.3	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.9		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.4		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	2.9	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.061	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	31	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	17	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl2)	0.93	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Phosphorus Environmental Risk Index ^	0.07		04-020-ICP17	7/09/2020 to 7/09/2020
Sand (Coarse) ^	11.4	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	31.1	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	14.7	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Clay ^	42.8	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635130

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Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071969	Paddock Name: MT0431530	Date Received: 2-Sep-2020
Test Code: CT172		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	310	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	56	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.064		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	37	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	5.9	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	6.1		04-031-PH	4/09/2020 to 7/09/2020
Active (labile) Carbon ^	133	mg/kg	04-065-ACTIVE_C	8/09/2020 to 9/09/2020
Nitrate Nitrogen	1.5	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.1	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Total Carbon (combustion)	0.62	%	04-086-TC	8/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.79	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	7.4	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	5.0	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.046	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	12	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.13	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	13.4	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	0.35	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	0.99	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.5		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	7.1		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sand (Coarse) ^	7.8	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020

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Report Number: 635130

Sample Number: 022071969	Paddock Name: MT0431530	Date Received: 2-Sep-2020
Test Code: CT172		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Sand (Fine) ^	-479.5	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	517.4	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Clay ^	54.3	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635131

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Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071968	Paddock Name: MT0433060	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	270	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	53	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.049		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	41	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	4.6	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	6.6		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	1.6	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.6	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.69	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	7.9	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	6.2	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.096	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	13	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.14	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	15.1	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	0.63	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	0.95	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	7.6		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sand (Coarse) ^	7.7	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	23.6	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	12.5	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020

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SOIL ANALYSIS REPORT

Report Number: 635131

Sample Number: 022071968	Paddock Name: MT0433060	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	56.2	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635132

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071967	Paddock Name: MT04360100	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	240	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	48	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.041		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	46	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	3.8	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	7.1		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	0.66	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.6	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.62	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	7.7	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	7.5	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.16	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	11	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.13	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	16.2	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	0.97	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	0.78	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.0		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	8.1		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sand (Coarse) ^	6.2	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	26.9	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	12.4	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020

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SOIL ANALYSIS REPORT

Report Number: 635132

Sample Number: 022071967	Paddock Name: MT04360100	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	54.5	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635133

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071965	Paddock Name: MT04405	Date Received: 2-Sep-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	620	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	45	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.11		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	43	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	3.0	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	9.8	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Brown		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	5.8		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	1.72	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	11	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	2.3	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sulphur (KCl40)	1.7	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	36	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	77		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	7.3	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	6.9	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.22	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	10	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.12	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	16.2	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	1.4	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635133

Sample Number: 022071965	Paddock Name: MT04405	Date Received: 2-Sep-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	0.72	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.1		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.8		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	3.1	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.92	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	57	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	52	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl2)	1.1	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.47		04-020-ICP17	7/09/2020 to 7/09/2020
Sand (Coarse) ^	8.0	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	41.2	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	13.6	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Clay ^	37.2	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635134

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071964	Paddock Name: MT044515	Date Received: 2-Sep-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	4			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	360	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	48	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.040		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	45	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	1.2	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	3.8	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
Soil Colour	Red-brown		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	6.8		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	0.71	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	4.0	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sulphur (KCl40)	<1.0	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	95		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	0.91	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	12	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	11	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.64	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	10	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.12	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	24.3	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	2.6	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635134

Sample Number: 022071964	Paddock Name: MT044515	Date Received: 2-Sep-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	0.48	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.1		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	7.9		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	1.9	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.13	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	18	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	14	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl2)	1.4	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.05		04-020-ICP17	7/09/2020 to 7/09/2020
Sand (Coarse) ^	5.4	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	36.1	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	12.2	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Clay ^	46.3	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635135

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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071963	Paddock Name: MT0441530	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	190	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	62	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.013		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	34	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	1.3	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	8.1		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	4.9	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.9	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.48	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	23	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	13	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	37.5	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	3.2	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.8		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	8.9		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.21	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	14	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sand (Coarse) ^	6.4	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	28.8	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	13.7	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020

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SOIL ANALYSIS REPORT

Report Number: 635135

Sample Number: 022071963	Paddock Name: MT0441530	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	51.1	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635136

Sustainable Soils Management P/L
PO Box 130
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071962	Paddock Name: MT0443060	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	140	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	51	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.011		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	40	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	1.0	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	8.5		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	2.8	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	2.7	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.37	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	19	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	15	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	3.0	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	36.8	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	8.1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	9.4		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.29	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sand (Coarse) ^	6.8	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	28.1	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	14.7	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020

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SOIL ANALYSIS REPORT

Report Number: 635136

Sample Number: 022071962	Paddock Name: MT0443060	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	50.4	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635137

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071966	Paddock Name: MT04460100	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	2			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
Available Potassium ^	170	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	42	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.014		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	42	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	1.1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	8.8		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	2.0	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.7	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.44	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	16	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	16	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	5.8	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	9.3	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	38.5	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	15	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	0.27	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.0		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	9.7		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.52	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	130	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sand (Coarse) ^	6.5	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	28.9	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	11.2	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020

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SOIL ANALYSIS REPORT

Report Number: 635137

Sample Number: 022071966	Paddock Name: MT04460100	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	53.4	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635138

Sustainable Soils Management P/L
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Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071961	Paddock Name: MT04505	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	2			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	2			4/09/2020 to 4/09/2020
Available Potassium ^	710	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	56	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.15		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	29	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	2.6	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	13	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Brown		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	6.3		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.9	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	1.54	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	9.1	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.8	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sulphur (KCl40)	4.3	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	64		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.8	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	7.9	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	4.1	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.35	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	14.2	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	2.4	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635138

Sample Number: 022071961	Paddock Name: MT04505	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.9		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.8		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.15	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	2.5	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.67	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	73	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	56	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl ₂)	1.1	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.08		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635139

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Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071960	Paddock Name: MT045515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
Available Potassium ^	530	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	50	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.048		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	36	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	0.95	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	4.0	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Brown		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	8.2		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	2.5	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	0.55	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	26	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.5	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sulphur (KCl40)	9.6	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	6.0	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	100		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	17	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	12	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	3.2	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	9.3	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	33.7	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	9.4	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Incitec Pivot Limited - ABN 42 004 080 264
8 South Rd, Werribee Vic 3030
Toll-free: 1800 803 453 Fax: (61 3) 9974 0699
Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635139

Sample Number: 022071960	Paddock Name: MT045515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	0.31	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.4		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	9.0		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.41	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	140	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	2.1	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.11	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	11	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	13	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl ₂)	3.4	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.06		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635140

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071959	Paddock Name: MT0451530	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
Available Potassium ^	300	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	43	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.025		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	37	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	2.0	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	8.6		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	38	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.4	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.76	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	16	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	14	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	6.5	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	9.5	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	37.3	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	17	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	0.28	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.1		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	9.4		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.74	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	460	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Report Number: 635140

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Report Number: 635141

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071958	Paddock Name: MT0453060	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
Available Potassium ^	260	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	35	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	3			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.022		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	36	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	1.6	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	8.7		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	14	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	2.2	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.67	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	15	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	15	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	11	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	9.4	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	42.0	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	27	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	0.25	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.0		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	9.3		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	1.48	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	920	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Report Number: 635142

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071957	Paddock Name: MT04560100	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	280	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	33	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	6			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.029		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	35	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	1.9	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	8.7		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	6.0	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.4	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.72	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	12	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	13	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	11	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	11	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.12	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	37.0	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	30	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	0.33	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	0.92		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	9.1		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	1.80	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	1100	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Report Number: 635143

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071955	Paddock Name: MT04605	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	2			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	2			4/09/2020 to 4/09/2020
Available Potassium ^	480	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	55	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.27		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	21	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	2.6	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	20	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Red-brown		04-042-PHYS	7/09/2020 to 7/09/2020
Soil Texture	Clay		04-042-PHYS	7/09/2020 to 7/09/2020
pH (1:5 CaCl2)	4.9		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	7/09/2020 to 7/09/2020
Organic Carbon (W&B)	1.49	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	12	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	3.6	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sulphur (KCl40)	4.3	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	15	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	35		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.12	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	10	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	5.99	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	2.0	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635143

Sample Number: 022071955	Paddock Name: MT04605	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.9	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	2.8		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.0		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	1.1	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.96	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	47	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	87	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl ₂)	0.69	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.43		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635144

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071954	Paddock Name: MT046515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	450	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	54	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.30		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	17	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	1.7	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	22	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Red-brown		04-042-PHYS	8/09/2020 to 8/09/2020
Soil Texture	Clay Loam		04-042-PHYS	8/09/2020 to 8/09/2020
pH (1:5 CaCl2)	4.7		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	8/09/2020 to 8/09/2020
Organic Carbon (W&B)	0.96	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	4.9	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	2.3	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sulphur (KCl40)	<1.0	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	14	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	63		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	2.8	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	0.88	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.059	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	21	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.24	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	5.08	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	1.2	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635144

Sample Number: 022071954	Paddock Name: MT046515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	4.7	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	3.2		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.1		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	1.1	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.22	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	45	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	61	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl ₂)	0.55	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.22		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635145

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071953	Paddock Name: MT0461530	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	250	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	59	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.18		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	21	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	14	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	4.8		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	1.9	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.5	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.65	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	2.7	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	0.96	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.075	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	19	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.21	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	4.62	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	1.6	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	4.6	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	2.8		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.1		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Report Number: 635145

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Report Number: 635146

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071952	Paddock Name: MT0463060	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
Available Potassium ^	200	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	34	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.057		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	47	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	4.7	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	6.8		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	0.98	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.2	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.50	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	3.6	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	5.1	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	1.5	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	15	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.17	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	10.8	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	14	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	1.6	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	0.71		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	8.5		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Report Number: 635147

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071951	Paddock Name: MT04660100	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	230	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	25	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.071		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	47	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	5.1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	7.5		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	1.9	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.58	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	2.8	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	5.4	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	2.5	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	11	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.12	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	11.4	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	22	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	1.0	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	0.52		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	9.2		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	15	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Report Number: 635147

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Report Number: 635148

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072196	Paddock Name: MT04705	Date Received: 2-Sep-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
Available Potassium ^	590	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	47	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.34		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	21	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	2.4	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	24	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Red-brown		04-042-PHYS	8/09/2020 to 8/09/2020
Soil Texture	Clay Loam		04-042-PHYS	8/09/2020 to 8/09/2020
pH (1:5 CaCl2)	4.6		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.6	dS/m	04-054-WCALC	8/09/2020 to 8/09/2020
Organic Carbon (W&B)	1.42	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	19	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	11	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sulphur (KCl40)	2.8	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	47	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	61		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.5	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	3.0	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.13	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	29	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.32	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	6.35	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	2.1	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635148

Sample Number: 022072196	Paddock Name: MT04705	Date Received: 2-Sep-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	5.1	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	2.1		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	5.6		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	15	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	1.6	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.78	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	56	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	110	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl2)	0.88	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.77		04-020-ICP17	7/09/2020 to 7/09/2020
Sand (Coarse) ^	21.8	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	47.8	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	13.9	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Clay ^	16.5	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635149

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072195	Paddock Name: MT047515	Date Received: 2-Sep-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	390	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	55	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.19		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	23	%	04-026-ICP8	9/09/2020 to 9/09/2020
Organic Matter (W&B * 1.72) ^	1.6	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	15	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Red-brown		04-042-PHYS	8/09/2020 to 8/09/2020
Soil Texture	Clay		04-042-PHYS	8/09/2020 to 8/09/2020
pH (1:5 CaCl2)	4.7		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	8/09/2020 to 8/09/2020
Organic Carbon (W&B)	0.93	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	5.9	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.9	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sulphur (KCl40)	2.9	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	17	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	75		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	3.7	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	1.5	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	0.23	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	22	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.24	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	6.70	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	3.5	%	04-026-ICP8	9/09/2020 to 9/09/2020

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Report Number: 635149

Sample Number: 022072195	Paddock Name: MT047515	Date Received: 2-Sep-2020
Test Code: 2017-082		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	3.6	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	2.5		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	6.1		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	1.9	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.12	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	33	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	49	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl2)	0.72	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl2) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.23		04-020-ICP17	7/09/2020 to 7/09/2020
Sand (Coarse) ^	17.1	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	46.0	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	16.0	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Clay ^	20.9	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635150

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072194	Paddock Name: MT0471530	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	4			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	270	mg/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium % of Cations	44	%	04-026-ICP8	9/09/2020 to 9/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.064		04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium % of Cations	39	%	04-026-ICP8	9/09/2020 to 9/09/2020
Potassium % of Cations	5.3	%	04-026-ICP8	9/09/2020 to 9/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	6.2		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	5.2	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.68	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Calcium (Amm-acet.)	5.6	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Magnesium (Amm-acet.)	5.1	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Sodium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	4/09/2020 to 9/09/2020
Aluminium (KCl)	13	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.15	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	12.8	cmol(+)/kg	04-026-ICP8	9/09/2020 to 9/09/2020
Sodium % of cations	10	%	04-026-ICP8	9/09/2020 to 9/09/2020
Aluminium % of Cations	1.2	%	04-026-ICP8	9/09/2020 to 9/09/2020
Calcium/Magnesium Ratio	1.1		04-026-ICP8	4/09/2020 to 9/09/2020
pH (1:5 Water)	7.7		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sand (Coarse) ^	17.3	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	43.4	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	9.8	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020

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SOIL ANALYSIS REPORT

Report Number: 635150

Sample Number: 022072194	Paddock Name: MT0471530	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	29.5	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635151

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072193	Paddock Name: MT0473060	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	340	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	29	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.061		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	47	%	04-026-ICP8	8/09/2020 to 8/09/2020
Potassium % of Cations	4.6	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	7.5		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	4.2	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.4	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.88	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	5.5	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	9.0	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	3.4	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	16	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.17	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	19.0	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	18	%	04-026-ICP8	8/09/2020 to 8/09/2020
Aluminium % of Cations	0.91	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	0.61		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	8.8		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.12	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sand (Coarse) ^	11.0	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	32.3	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	8.8	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020

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SOIL ANALYSIS REPORT

Report Number: 635151

Sample Number: 022072193	Paddock Name: MT0473060	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	47.9	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635152

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072192	Paddock Name: MT04760100	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	410	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	27	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.064		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	48	%	04-026-ICP8	8/09/2020 to 8/09/2020
Potassium % of Cations	4.6	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	8.0		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	3.3	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	6.1	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	11	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	4.7	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	12	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.13	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	22.8	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	21	%	04-026-ICP8	8/09/2020 to 8/09/2020
Aluminium % of Cations	0.59	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	0.55		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	9.2		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.19	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sand (Coarse) ^	7.9	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Sand (Fine) ^	32.9	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Silt ^	15.1	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020

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SOIL ANALYSIS REPORT

Report Number: 635152

Sample Number: 022072192	Paddock Name: MT04760100	Date Received: 2-Sep-2020
Test Code: 2017-064		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Clay ^	44.1	%	04-001-SANSILCLAY	3/09/2020 to 7/09/2020
Texture (Calculated) ^			04-001-SANSILCLAY	3/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635153

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072191	Paddock Name: MT04805	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	580	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	47	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.17		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	37	%	04-026-ICP8	8/09/2020 to 8/09/2020
Organic Matter (W&B * 1.72) ^	2.1	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	14	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Brown		04-042-PHYS	8/09/2020 to 8/09/2020
Soil Texture	Clay		04-042-PHYS	8/09/2020 to 8/09/2020
pH (1:5 CaCl2)	5.6		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	8/09/2020 to 8/09/2020
Organic Carbon (W&B)	1.20	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	6.1	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.8	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sulphur (KCl40)	2.9	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	40	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	46		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.5	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	5.0	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	4.0	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	0.12	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	12	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.14	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	10.7	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	1.1	%	04-026-ICP8	8/09/2020 to 8/09/2020

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Report Number: 635153

Sample Number: 022072191	Paddock Name: MT04805	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.3	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	6.5		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	11	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	1.8	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.44	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	25	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	44	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl ₂)	1.0	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.87		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635154

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072190	Paddock Name: MT048515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	2			4/09/2020 to 4/09/2020
Available Potassium ^	500	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	52	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.088		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	38	%	04-026-ICP8	8/09/2020 to 8/09/2020
Organic Matter (W&B * 1.72) ^	1.6	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	7.8	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Brown		04-042-PHYS	8/09/2020 to 8/09/2020
Soil Texture	Clay		04-042-PHYS	8/09/2020 to 8/09/2020
pH (1:5 CaCl2)	6.9		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.5	dS/m	04-054-WCALC	8/09/2020 to 8/09/2020
Organic Carbon (W&B)	0.91	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	4.8	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	2.0	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Sulphur (KCl40)	2.6	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	14	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	68		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	8.5	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	6.2	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	0.28	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	11	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.13	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	16.4	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	1.7	%	04-026-ICP8	8/09/2020 to 8/09/2020

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Report Number: 635154

Sample Number: 022072190	Paddock Name: MT048515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	0.77	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	1.4		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	7.8		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.08	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	1.7	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.13	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	12	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	23	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl ₂)	1.4	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.21		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635155

Sustainable Soils Management P/L
PO Box 130
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072189	Paddock Name: MT0481530	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	270	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	59	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.024		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	35	%	04-026-ICP8	8/09/2020 to 8/09/2020
Potassium % of Cations	2.3	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	8.2		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	4.9	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	2.3	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.70	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	18	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	11	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	9.6	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	31.0	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	3.2	%	04-026-ICP8	8/09/2020 to 8/09/2020
Aluminium % of Cations	0.35	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	1.6		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	9.0		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.19	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	<10	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Report Number: 635155

Sample condition on receipt: Suitable for testing.

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Report Number: 635156

Sustainable Soils Management P/L
PO Box 130
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072188	Paddock Name: MT0483060	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	190	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	44	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.016		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	43	%	04-026-ICP8	8/09/2020 to 8/09/2020
Potassium % of Cations	1.4	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	8.6		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	2.6	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	2.2	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.50	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	16	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	15	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	3.9	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	10	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.12	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	35.8	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	11	%	04-026-ICP8	8/09/2020 to 8/09/2020
Aluminium % of Cations	0.33	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	1.1		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	9.5		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.36	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	62	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Report Number: 635156

Sample condition on receipt: Suitable for testing.

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Report Number: 635157

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072187	Paddock Name: MT04860100	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	3			4/09/2020 to 4/09/2020
Available Potassium ^	200	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	39	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.017		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	41	%	04-026-ICP8	8/09/2020 to 8/09/2020
Potassium % of Cations	1.3	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	8.7		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	3.1	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	1.8	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.52	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	15	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	16	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	7.2	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	9.3	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	38.6	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	19	%	04-026-ICP8	8/09/2020 to 8/09/2020
Aluminium % of Cations	0.27	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	0.94		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	9.5		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.66	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	300	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020

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Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635157

Sample condition on receipt: Suitable for testing.

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Report Number: 635158

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072185	Paddock Name: MT04905	Date Received: 2-Sep-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	3			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	310	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	40	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.084		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	46	%	04-026-ICP8	8/09/2020 to 8/09/2020
Potassium % of Cations	7.2	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
Soil Colour	Brown		04-042-PHYS	8/09/2020 to 8/09/2020
Soil Texture	Clay		04-042-PHYS	8/09/2020 to 8/09/2020
pH (1:5 CaCl2)	6.1		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.6	dS/m	04-054-WCALC	8/09/2020 to 8/09/2020
Active (labile) Carbon ^	370	mg/kg	04-065-ACTIVE_C	8/09/2020 to 9/09/2020
Nitrate Nitrogen	4.0	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Ammonium Nitrogen	2.7	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Total Carbon (combustion)	1.2	%	04-086-TC	8/09/2020 to 8/09/2020
Sulphur (KCl40)	8.4	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	6.4	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	63		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	0.80	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	4.4	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	5.1	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	0.78	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	11.1	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	7.0	%	04-026-ICP8	8/09/2020 to 8/09/2020

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Report Number: 635158

Sample Number: 022072185	Paddock Name: MT04905	Date Received: 2-Sep-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	0.86		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	7.1		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.10	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	26	mg/kg	04-063-FIA3	7/09/2020 to 8/09/2020
Copper (DTPA)	1.5	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.18	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	35	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	48	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl2)	0.97	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Phosphorus Environmental Risk Index ^	0.10		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635159

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072184	Paddock Name: MT049515	Date Received: 2-Sep-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	4			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	330	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	35	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	8			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.045		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	48	%	04-026-ICP8	8/09/2020 to 8/09/2020
Potassium % of Cations	3.7	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	1			4/09/2020 to 4/09/2020
Soil Colour	Brown		04-042-PHYS	8/09/2020 to 8/09/2020
Soil Texture	Clay		04-042-PHYS	8/09/2020 to 8/09/2020
pH (1:5 CaCl2)	7.2		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	1.0	dS/m	04-054-WCALC	8/09/2020 to 8/09/2020
Active (labile) Carbon ^	216	mg/kg	04-065-ACTIVE_C	8/09/2020 to 9/09/2020
Nitrate Nitrogen	2.3	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Ammonium Nitrogen	2.1	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Total Carbon (combustion)	0.94	%	04-086-TC	8/09/2020 to 8/09/2020
Sulphur (KCl40)	3.7	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	86		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	0.85	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	8.1	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	11	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	3.0	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	10	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	23.3	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	13	%	04-026-ICP8	8/09/2020 to 8/09/2020

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Report Number: 635159

Sample Number: 022072184	Paddock Name: MT049515	Date Received: 2-Sep-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	0.48	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	0.74		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	8.5		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.16	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	68	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Copper (DTPA)	1.5	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	0.070	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	17	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	25	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl2)	2.2	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Phosphorus Environmental Risk Index ^	0.06		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635160

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072183	Paddock Name: MT0491530	Date Received: 2-Sep-2020
Test Code: CT173		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	2			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	4			4/09/2020 to 4/09/2020
Available Potassium ^	230	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	40	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.021		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	40	%	04-026-ICP8	8/09/2020 to 8/09/2020
Potassium % of Cations	1.7	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	8.5		04-031-PH	4/09/2020 to 7/09/2020
Active (labile) Carbon ^	91.4	mg/kg	04-065-ACTIVE_C	8/09/2020 to 9/09/2020
Nitrate Nitrogen	1.9	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Ammonium Nitrogen	1.1	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Total Carbon (combustion)	0.77	%	04-086-TC	8/09/2020 to 8/09/2020
Potassium (Amm-acet.)	0.60	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	14	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	14	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	6.4	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	11	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.12	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	35.0	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	18	%	04-026-ICP8	8/09/2020 to 8/09/2020
Aluminium % of Cations	0.35	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	1.0		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	9.2		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.68	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	410	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020

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Report Number: 635160

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Report Number: 635161

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Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072182	Paddock Name: MT0493060	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
Available Potassium ^	210	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	24	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	2			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.025		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	43	%	04-026-ICP8	8/09/2020 to 8/09/2020
Potassium % of Cations	1.7	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	8.4		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	3.1	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Ammonium Nitrogen	1.5	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Potassium (Amm-acet.)	0.54	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	8.0	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	14	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	9.9	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	12	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.14	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	32.7	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	30	%	04-026-ICP8	8/09/2020 to 8/09/2020
Aluminium % of Cations	0.42	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	0.57		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	8.9		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	1.53	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	900	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020

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Report Number: 635161

Sample condition on receipt: Suitable for testing.

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Report Number: 635162

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072186	Paddock Name: MT04960100	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	1			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	1			4/09/2020 to 4/09/2020
Available Potassium ^	220	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	13	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	3			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.031		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	45	%	04-026-ICP8	8/09/2020 to 8/09/2020
Potassium % of Cations	1.7	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	7.7		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	5.5	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Ammonium Nitrogen	1.7	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Potassium (Amm-acet.)	0.56	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	4.3	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	14	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	13	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	12	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.14	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	32.4	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	40	%	04-026-ICP8	8/09/2020 to 8/09/2020
Aluminium % of Cations	0.42	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	0.31		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	8.1		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	2.01	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	1200	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020

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Report Number: 635162

Sample condition on receipt: Suitable for testing.

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Report Number: 635163

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072181	Paddock Name: MT05005	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	110	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	87	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	6			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.014		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	9.9	%	04-026-ICP8	8/09/2020 to 8/09/2020
Organic Matter (W&B * 1.72) ^	1.9	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	1.4	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Yellow-brown		04-042-PHYS	8/09/2020 to 8/09/2020
Soil Texture	Clay		04-042-PHYS	8/09/2020 to 8/09/2020
pH (1:5 CaCl2)	8.1		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	0.9	dS/m	04-054-WCALC	8/09/2020 to 8/09/2020
Organic Carbon (W&B)	1.12	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	3.6	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Ammonium Nitrogen	1.8	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Sulphur (KCl40)	13	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	9.4	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	59		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	0.28	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	18	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	2.0	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	0.14	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	11	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.12	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	20.3	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	0.70	%	04-026-ICP8	8/09/2020 to 8/09/2020

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Report Number: 635163

Sample Number: 022072181	Paddock Name: MT05005	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	0.61	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	9.0		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	8.8		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.14	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	13	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Copper (DTPA)	4.1	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	5.7	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	4.4	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	54	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl ₂)	0.52	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	0.031	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.16		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635164

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072180	Paddock Name: MT050515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	110	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	82	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	6			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.014		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	14	%	04-026-ICP8	8/09/2020 to 8/09/2020
Organic Matter (W&B * 1.72) ^	0.76	%	04-054-WCALC	9/09/2020 to 9/09/2020
Potassium % of Cations	1.3	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
Soil Colour	Yellow-brown		04-042-PHYS	8/09/2020 to 8/09/2020
Soil Texture	Clay		04-042-PHYS	8/09/2020 to 8/09/2020
pH (1:5 CaCl2)	8.3		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (Sat. Ext.) ^	1.5	dS/m	04-054-WCALC	8/09/2020 to 8/09/2020
Organic Carbon (W&B)	0.44	%	04-018-UV1	7/09/2020 to 9/09/2020
Nitrate Nitrogen	1.2	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Ammonium Nitrogen	1.6	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Sulphur (KCl40)	67	mg/kg	04-021-ICP2	7/09/2020 to 8/09/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	3/09/2020 to 7/09/2020
Phosphorus Buffer Index (PBI-Col)	110		04-020-ICP17	7/09/2020 to 7/09/2020
Potassium (Amm-acet.)	0.29	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	18	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	3.1	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	0.29	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	11	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.12	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	21.6	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	1.4	%	04-026-ICP8	8/09/2020 to 8/09/2020

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Report Number: 635164

Sample Number: 022072180	Paddock Name: MT050515	Date Received: 2-Sep-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	0.57	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	5.8		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	8.9		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	0.24	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	34	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Copper (DTPA)	4.0	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Zinc (DTPA)	4.5	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Manganese (DTPA)	3.4	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Iron (DTPA)	42	mg/kg	04-024-ICP6	7/09/2020 to 8/09/2020
Boron (Hot CaCl ₂)	0.37	mg/kg	04-025-ICP7	7/09/2020 to 8/09/2020
Molybdenum (Hot CaCl ₂) ^	0.029	mg/kg	04-083-ICP27	8/09/2020 to 9/09/2020
Phosphorus Environmental Risk Index ^	0.05		04-020-ICP17	7/09/2020 to 7/09/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635165

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072179	Paddock Name: MT0501530	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	140	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	74	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	6			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.013		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	16	%	04-026-ICP8	8/09/2020 to 8/09/2020
Potassium % of Cations	1.2	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl2)	8.4		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	2.4	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Potassium (Amm-acet.)	0.36	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	22	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	5.0	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	2.5	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	30.2	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	8.2	%	04-026-ICP8	8/09/2020 to 8/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	4.4		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	8.6		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	1.93	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	440	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020

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Report Number: 635165

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Report Number: 635166

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072178	Paddock Name: MT0503060	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	110	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	62	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	6			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.0087		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	21	%	04-026-ICP8	8/09/2020 to 8/09/2020
Potassium % of Cations	0.74	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	8.6		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	6.7	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Potassium (Amm-acet.)	0.28	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	24	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	8.1	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	5.8	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	13	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	0.15	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	38.3	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	15	%	04-026-ICP8	8/09/2020 to 8/09/2020
Aluminium % of Cations	0.38	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	3.0		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	8.7		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	2.89	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	1200	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020

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8 South Rd, Werribee Vic 3030

Toll-free: 1800 803 453 Fax: (61 3) 9974 0699

Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635167

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071956	Paddock Name: MT05060100	Date Received: 2-Sep-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
2 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
20 hour natural aggregate ^	0			4/09/2020 to 4/09/2020
20 hour remoulded aggregate ^	0			4/09/2020 to 4/09/2020
Available Potassium ^	73	mg/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium % of Cations	72	%	04-026-ICP8	8/09/2020 to 8/09/2020
Emerson Class ^	6			4/09/2020 to 4/09/2020
Grass Tetany Risk Index ^	0.0043		04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium % of Cations	18	%	04-026-ICP8	8/09/2020 to 8/09/2020
Potassium % of Cations	0.38	%	04-026-ICP8	8/09/2020 to 8/09/2020
Slaking ^	0			4/09/2020 to 4/09/2020
pH (1:5 CaCl ₂)	8.5		04-031-PH	4/09/2020 to 7/09/2020
Nitrate Nitrogen	27	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020
Potassium (Amm-acet.)	0.19	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Calcium (Amm-acet.)	35	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Magnesium (Amm-acet.)	9.0	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Sodium (Amm-acet.)	4.7	cmol(+)/kg	04-026-ICP8	7/09/2020 to 8/09/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	7/09/2020 to 8/09/2020
Cation Exchange Capacity (Amm-acet.)	49.1	cmol(+)/kg	04-026-ICP8	8/09/2020 to 8/09/2020
Sodium % of cations	9.6	%	04-026-ICP8	8/09/2020 to 8/09/2020
Aluminium % of Cations	<1	%	04-026-ICP8	8/09/2020 to 8/09/2020
Calcium/Magnesium Ratio	3.9		04-026-ICP8	7/09/2020 to 8/09/2020
pH (1:5 Water)	8.6		04-031-PH	4/09/2020 to 7/09/2020
Electrical Conductivity (1:5 water)	3.36	dS/m	04-031-PH	4/09/2020 to 7/09/2020
Chloride	1300	mg/kg	04-063-FIA3	7/09/2020 to 9/09/2020

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Report Number: 635167

Sample condition on receipt: Suitable for testing.

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Report Number: 635039

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071696	Paddock Name: MT10605	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	2			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
Available Potassium ^	300	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	43	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.10		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	8.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	4.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Active (labile) Carbon ^	252	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	11	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.8	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	1.5	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	3.7	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	33	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	130		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.77	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.23	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	8.67	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.7	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635039

Sample Number: 022071696	Paddock Name: MT10605	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.97		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	2.4	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.36	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	50	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	170	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl2)	0.99	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.25		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635040

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071695	Paddock Name: MT106515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	200	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	44	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.054		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	5.3		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Active (labile) Carbon ^	260	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	4.8	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	1.1	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	5.5	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	11	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	120		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.51	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.34	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	10.3	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	3.3	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635040

Sample Number: 022071695	Paddock Name: MT106515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.90		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.5		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	2.4	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.19	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	61	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	110	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl2)	1.2	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.09		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635041

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071694	Paddock Name: MT1061530	Date Received: 18-Aug-2020
Test Code: CT173		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	200	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	40	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.036		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	52	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	3.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	6.9		04-031-PH	20/08/2020 to 24/08/2020
Active (labile) Carbon ^	127	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	1.9	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.0	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.61	%	04-086-TC	20/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.51	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	8.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.73	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	15.4	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	4.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.78		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.1		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635041

Sample condition on receipt: Suitable for testing.

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Report Number: 635042

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071693	Paddock Name: MT1063060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
Available Potassium ^	160	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.019		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	46	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	1.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	8.3		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	0.94	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.90	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.40	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	10	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	11	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	23.2	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	7.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.91		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.1		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.18	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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8 South Rd, Werribee Vic 3030
Toll-free: 1800 803 453 Fax: (61 3) 9974 0699
Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635042

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635043

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071692	Paddock Name: MT10660100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	150	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.027		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	53	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	1.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	8.7		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	1.8	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.85	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.38	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	11	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	6.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	20.0	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	30	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.27		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.23	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	22	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635043

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Report Number: 635044

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071691	Paddock Name: MT10705	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	420	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	46	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.31		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	26	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
Soil Colour	Red-brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	4.7		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Active (labile) Carbon ^	208	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	3.6	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	1.1	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	3.1	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	42	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	67		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.14	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	15	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	0.17	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	4.98	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.7	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635044

Sample Number: 022071691	Paddock Name: MT10705	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	3.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.8		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.0		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.91	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.20	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	35	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	57	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl2)	0.70	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.63		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635045

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071690	Paddock Name: MT107515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	280	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	43	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.11		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	42	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	9.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Red-brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	5.5		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Active (labile) Carbon ^	108	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	3.8	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.69	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.63	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	1.0	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	7.5	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	60		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.71	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.43	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	7.75	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	5.5	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635045

Sample Number: 022071690	Paddock Name: MT107515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.1		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.83	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	<0.020	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	20	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	19	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.84	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.13		04-020-ICP17	21/08/2020 to 21/08/2020

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Report Number: 635046

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071689	Paddock Name: MT1071530	Date Received: 18-Aug-2020
Test Code: CT173		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	300	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	39	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.081		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	46	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	6.4		04-031-PH	20/08/2020 to 24/08/2020
Active (labile) Carbon ^	61.7	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	2.4	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.41	%	04-086-TC	20/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.76	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.91	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	11.1	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	8.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.84		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.0		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635046

Sample condition on receipt: Suitable for testing.

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Report Number: 635047

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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071688	Paddock Name: MT1073060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	270	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	33	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.051		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	51	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	7.2		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.70	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.69	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	8.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	16.0	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	11	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.65		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.8		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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8 South Rd, Werribee Vic 3030
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Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635047

Sample condition on receipt: Suitable for testing.

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Report Number: 635048

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071687	Paddock Name: MT10760100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	240	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	30	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.039		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	47	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	3.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	8.5		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	1.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.61	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	9.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	4.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	20.1	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.63		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.6		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.25	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635048

Sample condition on receipt: Suitable for testing.

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Report Number: 635049

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071686	Paddock Name: MT10805	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
Available Potassium ^	450	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	46	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.31		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	24	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.7	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	4.6		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.7	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	1.58	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	26	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	23	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	6.4	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	19	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	60		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.15	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	28	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	0.32	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	5.52	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.6	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635049

Sample Number: 022071686	Paddock Name: MT10805	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	5.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.4		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.12	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	59	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.87	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.68	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	38	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	130	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.62	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.32		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635050

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071685	Paddock Name: MT108515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	2			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
Available Potassium ^	310	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.24		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	26	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.4	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Red-brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	4.5		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	0.79	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	6.0	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.95	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	4.8	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	6.5	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	76		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.80	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.044	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	48	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	0.53	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	4.72	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.93	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635050

Sample Number: 022071685	Paddock Name: MT108515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	11	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.8		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.7		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.94	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.13	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	24	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	67	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.47	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.09		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635051

Sustainable Soils Management P/L
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NSW 2824



Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072205	Paddock Name: MT10905	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	2			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	2			21/08/2020 to 21/08/2020
Available Potassium ^	520	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	58	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.25		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	19	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.9	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	4.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	1.10	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	14	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.0	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	8.3	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	11	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	61		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.059	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	10	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	0.11	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	6.73	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.87	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635051

Sample Number: 022072205	Paddock Name: MT10905	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	1.3	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.67	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	35	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	68	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.83	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.18		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635052

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072204	Paddock Name: MT109515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	540	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	64	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.17		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.7	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	14	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
Soil Colour	Red-brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	5.3		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	1.00	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	2.9	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.64	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.0	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	5.2	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	74		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.089	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	9.59	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.93	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635052

Sample Number: 022072204	Paddock Name: MT109515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.5		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	1.5	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.16	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	25	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	24	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	1.0	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.07		04-020-ICP17	21/08/2020 to 21/08/2020

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Report Number: 635053

Sustainable Soils Management P/L
PO Box 130
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072203	Paddock Name: MT1091530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	410	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	64	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.14		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	23	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	5.7		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	3.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.99	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.099	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	8.52	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.9		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635054

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072202	Paddock Name: MT1093060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	500	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	47	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.086		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	42	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	7.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	6.4		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	2.0	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.76	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	8.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	7.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.44	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	17.0	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.6		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635054

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Report Number: 635055

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072201	Paddock Name: MT10960100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
Available Potassium ^	400	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.037		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	46	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	3.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	8.1		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	2.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.81	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	13	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	14	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	29.8	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	5.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.93		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.8		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.20	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635055

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Report Number: 635056

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071684	Paddock Name: MT11005	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	2			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
Available Potassium ^	350	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	60	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.25		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	19	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	19	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Red-brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	5.0		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Active (labile) Carbon ^	165	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	8.0	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.86	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	1.0	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	2.6	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	15	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	55		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.90	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.86	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.089	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	4.62	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.9	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635056

Sample Number: 022071684	Paddock Name: MT11005	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.1		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.94	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.25	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	27	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	33	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.60	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.27		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635057

Sustainable Soils Management P/L
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071683	Paddock Name: MT110515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
Available Potassium ^	220	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	62	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.14		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	24	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	13	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Red-brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	4.8		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.1	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Active (labile) Carbon ^	93.6	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	2.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.62	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.74	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	<1.0	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	71		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.55	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.066	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	4.37	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.5	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635057

Sample Number: 022071683	Paddock Name: MT110515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.5		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.2		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	1.2	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.049	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	26	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	21	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.61	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.07		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635058

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071682	Paddock Name: MT1101530	Date Received: 18-Aug-2020
Test Code: CT173		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	150	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.090		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	39	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	7.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	5.4		04-031-PH	20/08/2020 to 24/08/2020
Active (labile) Carbon ^	70.5	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	1.4	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.48	%	04-086-TC	20/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.38	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.26	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	4.81	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	5.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.2		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.1		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635058

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Report Number: 635059

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071681	Paddock Name: MT1103060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	330	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	33	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.090		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	51	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	7.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	6.9		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	1.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.85	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.93	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	11.1	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	8.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.65		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.5		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635060

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Report Authorised
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071680	Paddock Name: MT11060100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	410	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	38	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.10		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	44	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	7.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	8.3		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	1.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	5.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	13.3	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	9.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.86		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.3		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.15	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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8 South Rd, Werribee Vic 3030
Toll-free: 1800 803 453 Fax: (61 3) 9974 0699
Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635060

Sample condition on receipt: Suitable for testing.

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Report Number: 635061

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071678	Paddock Name: MT11105	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	380	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	54	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.24		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	25	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	19	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	4.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Active (labile) Carbon ^	201	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	12	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	1.2	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	2.0	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	11	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	63		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.97	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.060	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	4.99	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.2	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635061

Sample Number: 022071678	Paddock Name: MT11105	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.1		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.60	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.28	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	28	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	44	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.71	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.17		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635062

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071677	Paddock Name: MT111515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	250	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	56	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.079		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	35	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	7.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Red-brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	5.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.1	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Active (labile) Carbon ^	84.2	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	0.54	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.44	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	1.0	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	62		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.64	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.15	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	8.95	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.7	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635062

Sample Number: 022071677	Paddock Name: MT111515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.2		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.62	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.032	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	8.6	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	18	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl2)	0.76	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.08		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635063

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071676	Paddock Name: MT1111530	Date Received: 18-Aug-2020
Test Code: CT173		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	300	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	54	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.072		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	37	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	6.2		04-031-PH	20/08/2020 to 24/08/2020
Active (labile) Carbon ^	52.8	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	<0.50	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.37	%	04-086-TC	20/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.78	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	4.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.28	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	12.0	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	2.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.5		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635063

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Report Number: 635064

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071675	Paddock Name: MT1113060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	380	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	40	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.071		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	49	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	6.4		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	6.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.78	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.98	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	7.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.77	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	15.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	5.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.81		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.8		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635064

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Report Number: 635065

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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071679	Paddock Name: MT11160100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	420	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	36	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.075		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	52	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	6.9		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	1.6	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.64	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	8.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.92	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	16.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	5.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.69		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.2		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635065

Sample condition on receipt: Suitable for testing.

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Report Number: 635066

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071674	Paddock Name: MT11205	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
Available Potassium ^	500	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	59	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.28		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.5	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Red-brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	4.8		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.6	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	0.87	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	31	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.8	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	13	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	9.9	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	60		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.038	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	5.99	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.63	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635066

Sample Number: 022071674	Paddock Name: MT11205	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.9		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.6		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.10	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	1.2	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.42	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	63	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	28	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.90	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.17		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635067

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071673	Paddock Name: MT112515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
Available Potassium ^	530	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	65	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.17		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	19	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.1	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Red-brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	5.7		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.6	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	0.65	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	41	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	3.3	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	58		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.082	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	8.90	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.93	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635067

Sample Number: 022071673	Paddock Name: MT112515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.4		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.09	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	1.2	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.20	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	28	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	12	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.92	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.09		04-020-ICP17	21/08/2020 to 21/08/2020

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Report Number: 635068

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071672	Paddock Name: MT1121530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	380	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	63	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.14		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	24	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	6.4		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	26	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.98	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.066	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	7.88	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.83	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.1		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635068

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Report Number: 635069

Sustainable Soils Management P/L
PO Box 130
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071671	Paddock Name: MT1123060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	420	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	53	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.12		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	35	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	10	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	7.1		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	3.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.17	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	10.3	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.6	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.5		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.2		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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8 South Rd, Werribee Vic 3030

Toll-free: 1800 803 453 Fax: (61 3) 9974 0699

Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635070

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071670	Paddock Name: MT11260100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	560	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	47	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.10		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	42	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	9.5	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	7.8		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	1.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	7.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.20	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	15.0	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.7		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635070

Sample condition on receipt: Suitable for testing.

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Report Number: 635071

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071669	Paddock Name: MT11305	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	2			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	2			21/08/2020 to 21/08/2020
Available Potassium ^	280	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	55	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.34		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	25	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Sandy Loam		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	4.8		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Active (labile) Carbon ^	183	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	9.0	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	5.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.92	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	1.8	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	29		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.73	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.57	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	<0.022	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	2.88	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635071

Sample Number: 022071669	Paddock Name: MT11305	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.8		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.1		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.40	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.44	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	27	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	60	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl2)	0.36	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.17		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635072

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071668	Paddock Name: MT113515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	250	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	61	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.26		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	19	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Red-brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay Loam		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	5.2		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Active (labile) Carbon ^	75.6	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	1.4	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.46	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	<1.0	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	33		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.64	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	0.58	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	<0.022	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	3.09	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635072

Sample Number: 022071668	Paddock Name: MT113515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.6		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.02	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.32	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.099	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	18	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	17	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.39	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.15		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635073

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071667	Paddock Name: MT1131530	Date Received: 18-Aug-2020
Test Code: CT173		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	310	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	63	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.19		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	21	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	16	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	6.3		04-031-PH	20/08/2020 to 24/08/2020
Active (labile) Carbon ^	52.3	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	2.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	0.28	%	04-086-TC	20/08/2020 to 20/08/2020
Potassium (Amm-acet.)	0.80	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.026	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	5.04	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.52	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.9		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.5		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635073

Sample condition on receipt: Suitable for testing.

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Report Number: 635074

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071666	Paddock Name: MT1133060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	320	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	57	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.12		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	32	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	11	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	6.9		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	15	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.82	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.049	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	7.51	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.66	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.8		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.8		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Toll-free: 1800 803 453 Fax: (61 3) 9974 0699
Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635074

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635075

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071665	Paddock Name: MT11360100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	340	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	45	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.13		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	42	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	11	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	7.2		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	1.9	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.86	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.14	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	7.52	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.9	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.1		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.4		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635075

Sample condition on receipt: Suitable for testing.

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Report Number: 635076

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071664	Paddock Name: MT11405	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	400	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	65	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.14		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	22	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	2.1	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	5.6		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	1.22	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	9.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	6.8	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	3.8	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	8.3	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	55		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.052	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	8.28	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.63	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635076

Sample Number: 022071664	Paddock Name: MT11405	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.8		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.6		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.77	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.53	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	25	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	41	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.64	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.15		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635077

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071663	Paddock Name: MT114515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	2			21/08/2020 to 21/08/2020
Available Potassium ^	290	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	59	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.12		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	29	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.2	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	10	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	5.4		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	0.70	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	16	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.0	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.6	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	5.1	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	71		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.74	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.11	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	7.21	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.6	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635077

Sample Number: 022071663	Paddock Name: MT114515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.4		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	13	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.94	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.21	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	37	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	41	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.61	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.07		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635078

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071662	Paddock Name: MT1141530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	240	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	48	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.069		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	41	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.2	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	5.8		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	24	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.91	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.60	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	4.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.46	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	9.72	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	4.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.2		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.07	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	15	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635078

Sample condition on receipt: Suitable for testing.

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Report Number: 635079

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071661	Paddock Name: MT1143060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	330	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	41	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.064		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	47	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	6.9		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	2.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.73	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.84	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	7.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.87	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	14.8	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	5.8	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.87		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.3		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.05	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635079

Sample condition on receipt: Suitable for testing.

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Report Number: 635080

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071660	Paddock Name: MT11460100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	300	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	31	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.051		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	53	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	4.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	8.2		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	1.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.76	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	9.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	2.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	17.5	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	11	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.59		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	9.2		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.20	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	63	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635080

Sample condition on receipt: Suitable for testing.

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Report Number: 635081

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071659	Paddock Name: MT11505	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	370	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	65	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.16		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	20	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.5	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	13	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	5.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	0.85	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	2.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	2.4	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	56		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.93	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.11	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	6.99	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.5	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635081

Sample Number: 022071659	Paddock Name: MT11505	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	3.2		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.0		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.61	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.27	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	26	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	42	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.67	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.09		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635082

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071658	Paddock Name: MT115515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	290	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	62	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.14		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	24	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	0.72	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Red-brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	6.2		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.2	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	0.42	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	0.77	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.66	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	1.1	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	45		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.73	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.11	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	6.22	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.7	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635082

Sample Number: 022071658	Paddock Name: MT115515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.4		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.03	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	0.44	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.099	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	11	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	23	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.70	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.11		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635083

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071657	Paddock Name: MT1151530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	270	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	49	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.085		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	38	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	7.4	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	6.6		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	0.76	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.70	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	3.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.50	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	9.39	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	5.3	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.0		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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8 South Rd, Werribee Vic 3030
Toll-free: 1800 803 453 Fax: (61 3) 9974 0699
Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635083

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635084

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071656	Paddock Name: MT1153060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	330	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	38	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.070		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	47	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	6.0	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	7.0		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	0.70	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.84	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	5.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	6.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	14.1	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	9.1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.82		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.5		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.06	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635084

Sample condition on receipt: Suitable for testing.

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Report Number: 635085

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071655	Paddock Name: MT11560100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	4			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	320	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	29	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	1			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.069		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	53	%	04-026-ICP8	24/08/2020 to 24/08/2020
Potassium % of Cations	5.7	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	7.4		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	<0.50	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.83	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	7.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	14.6	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	12	%	04-026-ICP8	24/08/2020 to 24/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	0.54		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.8		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.08	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635085

Sample condition on receipt: Suitable for testing.

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Report Number: 635086

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071654	Paddock Name: MT11605	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	2			21/08/2020 to 21/08/2020
Available Potassium ^	310	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	55	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.21		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	27	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	1.1	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	17	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay Loam		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	5.5		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.3	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	0.66	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	6.5	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	2.2	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	3.5	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	<5.0	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	45		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.80	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.031	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	4.70	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.66	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635086

Sample Number: 022071654	Paddock Name: MT11605	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.0		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.6		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	1.3	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.27	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	8.4	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	29	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.43	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.11		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635087

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071653	Paddock Name: MT116515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
Available Potassium ^	240	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	56	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.17		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	28	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	0.72	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	15	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Sandy Loam		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	5.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	0.4	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	0.42	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	7.3	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	2.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	3.2	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	6.0	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	44		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	0.61	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	2.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.2	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.045	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	4.09	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	1.1	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635087

Sample Number: 022071653	Paddock Name: MT116515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	1.9		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	1.1	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.15	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	5.9	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	32	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.35	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.14		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635088

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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071652	Paddock Name: MT11705	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 24/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 24/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 24/08/2020
20 hour remoulded aggregate ^	0			21/08/2020 to 24/08/2020
Available Potassium ^	1100	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	50	%	04-026-ICP8	24/08/2020 to 24/08/2020
Emerson Class ^	7			21/08/2020 to 24/08/2020
Grass Tetany Risk Index ^	0.44		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	19	%	04-026-ICP8	24/08/2020 to 24/08/2020
Organic Matter (W&B * 1.72) ^	4.4	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	30	%	04-026-ICP8	24/08/2020 to 24/08/2020
Slaking ^	2			21/08/2020 to 24/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay Loam		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	4.7		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	2.6	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	2.53	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	120	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	3.9	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	24	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	97	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	62		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	2.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.5	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.062	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 21/08/2020
Cation Exchange Capacity (Amm-acet.)	8.99	cmol(+)/kg	04-026-ICP8	24/08/2020 to 24/08/2020
Sodium % of cations	0.69	%	04-026-ICP8	24/08/2020 to 24/08/2020

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Report Number: 635088

Sample Number: 022071652	Paddock Name: MT11705	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	<1	%	04-026-ICP8	24/08/2020 to 24/08/2020
Calcium/Magnesium Ratio	2.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.3		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.32	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	49	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	1.2	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	1.9	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	39	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	110	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	1.6	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	1.56		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

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Report Number: 635089

Sustainable Soils Management P/L
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Report Authorised
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NATA Accredited Laboratory
Number: 11958

Sample Number: 022071651	Paddock Name: MT117515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
Available Potassium ^	1000	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	44	%	04-026-ICP8	25/08/2020 to 25/08/2020
Emerson Class ^	7			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.50		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	20	%	04-026-ICP8	25/08/2020 to 25/08/2020
Organic Matter (W&B * 1.72) ^	2.4	%	04-054-WCALC	25/08/2020 to 25/08/2020
Potassium % of Cations	32	%	04-026-ICP8	25/08/2020 to 25/08/2020
Slaking ^	2			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	4.6		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	1.7	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Organic Carbon (W&B)	1.39	%	04-018-UV1	24/08/2020 to 25/08/2020
Nitrate Nitrogen	100	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	4.1	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Sulphur (KCl40)	16	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	28	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	100		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	2.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	3.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.073	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	29	mg/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Aluminium (KCl)	0.32	cmol(+)/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Cation Exchange Capacity (Amm-acet.)	8.17	cmol(+)/kg	04-026-ICP8	25/08/2020 to 25/08/2020
Sodium % of cations	0.89	%	04-026-ICP8	25/08/2020 to 25/08/2020

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Report Number: 635089

Sample Number: 022071651	Paddock Name: MT117515	Date Received: 18-Aug-2020
Test Code: 2017-083		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	4.0	%	04-026-ICP8	25/08/2020 to 25/08/2020
Calcium/Magnesium Ratio	2.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.2		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.28	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	48	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	1.4	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.29	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	36	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	94	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	1.4	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Molybdenum (Hot CaCl ₂) ^	<0.010	mg/kg	04-083-ICP27	20/08/2020 to 21/08/2020
Phosphorus Environmental Risk Index ^	0.28		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635090

Sustainable Soils Management P/L
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Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071650	Paddock Name: MT1171530	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	2			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	910	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	52	%	04-026-ICP8	25/08/2020 to 25/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.34		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	22	%	04-026-ICP8	25/08/2020 to 25/08/2020
Potassium % of Cations	26	%	04-026-ICP8	25/08/2020 to 25/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	5.3		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	39	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	2.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.0	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.055	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Cation Exchange Capacity (Amm-acet.)	9.06	cmol(+)/kg	04-026-ICP8	25/08/2020 to 25/08/2020
Sodium % of cations	0.61	%	04-026-ICP8	25/08/2020 to 25/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	25/08/2020 to 25/08/2020
Calcium/Magnesium Ratio	2.4		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	6.2		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.13	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	15	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Sample condition on receipt: Suitable for testing.

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Report Number: 635091

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Number: 11958

Sample Number: 022071649	Paddock Name: MT1173060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	750	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	50	%	04-026-ICP8	25/08/2020 to 25/08/2020
Emerson Class ^	8			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.25		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	29	%	04-026-ICP8	25/08/2020 to 25/08/2020
Potassium % of Cations	20	%	04-026-ICP8	25/08/2020 to 25/08/2020
Slaking ^	1			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	6.4		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	21	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.95	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.8	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.090	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Cation Exchange Capacity (Amm-acet.)	9.71	cmol(+)/kg	04-026-ICP8	25/08/2020 to 25/08/2020
Sodium % of cations	0.93	%	04-026-ICP8	25/08/2020 to 25/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	25/08/2020 to 25/08/2020
Calcium/Magnesium Ratio	1.7		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.4		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.08	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635091

Sample condition on receipt: Suitable for testing.

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Report Number: 635092

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NATA Accredited Laboratory
Number: 11958

Sample Number: 022071648	Paddock Name: MT11760100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	3			21/08/2020 to 21/08/2020
Available Potassium ^	430	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	33	%	04-026-ICP8	25/08/2020 to 25/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.051		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	59	%	04-026-ICP8	25/08/2020 to 25/08/2020
Potassium % of Cations	4.7	%	04-026-ICP8	25/08/2020 to 25/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	7.5		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	<0.60	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	7.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	14	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.84	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Cation Exchange Capacity (Amm-acet.)	23.1	cmol(+)/kg	04-026-ICP8	25/08/2020 to 25/08/2020
Sodium % of cations	3.6	%	04-026-ICP8	25/08/2020 to 25/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	25/08/2020 to 25/08/2020
Calcium/Magnesium Ratio	0.54		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.4		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.15	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	18	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Enquiries: lab.feedback@incitecpivot.com.au

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Report Number: 635092

Sample condition on receipt: Suitable for testing.

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Report Number: 635093

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022071647	Paddock Name: MT11805	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 24/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 24/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 24/08/2020
20 hour remoulded aggregate ^	0			21/08/2020 to 24/08/2020
Available Potassium ^	730	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	53	%	04-026-ICP8	25/08/2020 to 25/08/2020
Emerson Class ^	7			21/08/2020 to 24/08/2020
Grass Tetany Risk Index ^	0.28		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	24	%	04-026-ICP8	25/08/2020 to 25/08/2020
Potassium % of Cations	21	%	04-026-ICP8	25/08/2020 to 25/08/2020
Slaking ^	2			21/08/2020 to 24/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	4.5		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	1.6	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Active (labile) Carbon ^	401	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	120	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	22	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	2.4	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	14	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	56	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	74		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	4.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.058	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	13	mg/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Aluminium (KCl)	0.15	cmol(+)/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Cation Exchange Capacity (Amm-acet.)	8.85	cmol(+)/kg	04-026-ICP8	25/08/2020 to 25/08/2020
Sodium % of cations	0.65	%	04-026-ICP8	25/08/2020 to 25/08/2020

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Report Number: 635093

Sample Number: 022071647	Paddock Name: MT11805	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.7	%	04-026-ICP8	25/08/2020 to 25/08/2020
Calcium/Magnesium Ratio	2.2		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.1		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.26	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	13	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	2.1	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	1.3	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	70	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	88	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	1.1	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.76		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635094

Sustainable Soils Management P/L
PO Box 130
WARREN
NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072200	Paddock Name: MT118515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
Available Potassium ^	620	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	60	%	04-026-ICP8	25/08/2020 to 25/08/2020
Emerson Class ^	6			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.17		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	23	%	04-026-ICP8	25/08/2020 to 25/08/2020
Potassium % of Cations	14	%	04-026-ICP8	25/08/2020 to 25/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
Soil Colour	Brown		04-042-PHYS	25/08/2020 to 25/08/2020
Soil Texture	Clay		04-042-PHYS	25/08/2020 to 25/08/2020
pH (1:5 CaCl2)	4.9		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (Sat. Ext.) ^	1.2	dS/m	04-054-WCALC	25/08/2020 to 25/08/2020
Active (labile) Carbon ^	345	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	93	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.7	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	2.0	%	04-086-TC	20/08/2020 to 20/08/2020
Sulphur (KCl40)	5.7	mg/kg	04-021-ICP2	24/08/2020 to 25/08/2020
Phosphorus (Colwell)	21	mg/kg	04-013-COL_P	19/08/2020 to 21/08/2020
Phosphorus Buffer Index (PBI-Col)	76		04-020-ICP17	21/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.048	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	18	mg/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Aluminium (KCl)	0.20	cmol(+)/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Cation Exchange Capacity (Amm-acet.)	11.1	cmol(+)/kg	04-026-ICP8	25/08/2020 to 25/08/2020
Sodium % of cations	0.43	%	04-026-ICP8	25/08/2020 to 25/08/2020

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Report Number: 635094

Sample Number: 022072200	Paddock Name: MT118515	Date Received: 18-Aug-2020
Test Code: CT171		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
Aluminium % of Cations	1.8	%	04-026-ICP8	25/08/2020 to 25/08/2020
Calcium/Magnesium Ratio	2.6		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.6		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.20	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Copper (DTPA)	2.4	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Zinc (DTPA)	0.66	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Manganese (DTPA)	79	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Iron (DTPA)	39	mg/kg	04-024-ICP6	21/08/2020 to 24/08/2020
Boron (Hot CaCl ₂)	0.98	mg/kg	04-025-ICP7	21/08/2020 to 24/08/2020
Phosphorus Environmental Risk Index ^	0.28		04-020-ICP17	21/08/2020 to 21/08/2020

Sample condition on receipt: Suitable for testing.

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Report Number: 635095

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072199	Paddock Name: MT1181525	Date Received: 18-Aug-2020
Test Code: CT173		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	0			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	0			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	1			21/08/2020 to 21/08/2020
Available Potassium ^	510	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	61	%	04-026-ICP8	25/08/2020 to 25/08/2020
Emerson Class ^	3			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.14		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	27	%	04-026-ICP8	25/08/2020 to 25/08/2020
Potassium % of Cations	12	%	04-026-ICP8	25/08/2020 to 25/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	5.2		04-031-PH	20/08/2020 to 24/08/2020
Active (labile) Carbon ^	252	mg/kg	04-065-ACTIVE_C	21/08/2020 to 25/08/2020
Nitrate Nitrogen	65	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.74	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Total Carbon (combustion)	1.6	%	04-086-TC	20/08/2020 to 20/08/2020
Potassium (Amm-acet.)	1.3	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	6.6	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	2.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.064	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Cation Exchange Capacity (Amm-acet.)	10.9	cmol(+)/kg	04-026-ICP8	25/08/2020 to 25/08/2020
Sodium % of cations	0.59	%	04-026-ICP8	25/08/2020 to 25/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	25/08/2020 to 25/08/2020
Calcium/Magnesium Ratio	2.3		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	5.8		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.14	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635095

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Report Number: 635096

Sustainable Soils Management P/L
PO Box 130
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NSW 2824



Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072198	Paddock Name: MT1183060	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	1			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	2			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	410	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	43	%	04-026-ICP8	25/08/2020 to 25/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.070		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	49	%	04-026-ICP8	25/08/2020 to 25/08/2020
Potassium % of Cations	6.1	%	04-026-ICP8	25/08/2020 to 25/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl2)	6.4		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	5.9	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	0.75	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	7.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	8.4	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	0.44	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Cation Exchange Capacity (Amm-acet.)	17.3	cmol(+)/kg	04-026-ICP8	25/08/2020 to 25/08/2020
Sodium % of cations	2.5	%	04-026-ICP8	25/08/2020 to 25/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	25/08/2020 to 25/08/2020
Calcium/Magnesium Ratio	0.88		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	7.7		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.04	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

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Report Number: 635096

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Report Number: 635097

Sustainable Soils Management P/L
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Report Authorised
Paul Kennelly
Laboratory Manager
NATA Accredited Laboratory
Number: 11958

Sample Number: 022072197	Paddock Name: MT11860100	Date Received: 18-Aug-2020
Test Code: 2017-065		Date of Report: 27-Oct-2020
Purchase Order No: TPG		
Grower Name: SUSTAINABLE SOIL MANAG		

Analyte	Result	Units	Method Code	Analyte Testing Period
2 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
2 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
20 hour natural aggregate ^	3			21/08/2020 to 21/08/2020
20 hour remoulded aggregate ^	4			21/08/2020 to 21/08/2020
Available Potassium ^	450	mg/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium % of Cations	31	%	04-026-ICP8	25/08/2020 to 25/08/2020
Emerson Class ^	2			21/08/2020 to 21/08/2020
Grass Tetany Risk Index ^	0.048		04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium % of Cations	59	%	04-026-ICP8	25/08/2020 to 25/08/2020
Potassium % of Cations	4.4	%	04-026-ICP8	25/08/2020 to 25/08/2020
Slaking ^	0			21/08/2020 to 21/08/2020
pH (1:5 CaCl ₂)	7.8		04-031-PH	20/08/2020 to 24/08/2020
Nitrate Nitrogen	3.4	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Ammonium Nitrogen	1.0	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020
Potassium (Amm-acet.)	1.1	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Calcium (Amm-acet.)	7.9	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Magnesium (Amm-acet.)	15	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Sodium (Amm-acet.)	1.7	cmol(+)/kg	04-026-ICP8	20/08/2020 to 24/08/2020
Aluminium (KCl)	<9.0	mg/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Aluminium (KCl)	<0.10	cmol(+)/kg	04-027-ICP9	20/08/2020 to 25/08/2020
Cation Exchange Capacity (Amm-acet.)	25.8	cmol(+)/kg	04-026-ICP8	25/08/2020 to 25/08/2020
Sodium % of cations	6.4	%	04-026-ICP8	25/08/2020 to 25/08/2020
Aluminium % of Cations	<1	%	04-026-ICP8	25/08/2020 to 25/08/2020
Calcium/Magnesium Ratio	0.53		04-026-ICP8	20/08/2020 to 24/08/2020
pH (1:5 Water)	8.8		04-031-PH	20/08/2020 to 24/08/2020
Electrical Conductivity (1:5 water)	0.15	dS/m	04-031-PH	20/08/2020 to 24/08/2020
Chloride	<10	mg/kg	04-063-FIA3	19/08/2020 to 21/08/2020

Nutrient Advantage Laboratory Services

Nutrient Advantage is a trademark of Incitec Pivot Limited
Incitec Pivot Limited - ABN 42 004 080 264
8 South Rd, Werribee Vic 3030
Toll-free: 1800 803 453 Fax: (61 3) 9974 0699
Enquiries: lab.feedback@incitecpivot.com.au

Disclaimer: This analysis report is prepared solely for the client listed above. To the extent permitted by law, Incitec Pivot Limited excludes all liability in connection with this report and, where liability cannot be excluded, limits its liability, at its election, to the re-supply of the analysis services or the cost of the re-supply of such services.

Report Number: 635097

Sample condition on receipt: Suitable for testing.

The results pertain only to the sample submitted.

This document shall not be reproduced except in full.

Analyses performed on soil dried at 40°C and ground to 2mm or less.

^ NATA accreditation does not cover the performance of this service.

Accredited for compliance with ISO/IEC 17025 - Testing.

This results of the tests, calibrations and/or measurements included in this document are traceable to Australian/International standards.

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APPENDIX III

Incitec Pivot Ltd QA Certificates

NATA Accredited Laboratory

National Association of Testing Authorities, Australia
(ABN 59 004 379 748)

has accredited

Incitec Pivot Ltd
Incitec Pivot Laboratory
Nutrient Advantage Laboratory Services

following demonstration of its technical competence
to operate in accordance with

ISO/IEC 17025

This facility is accredited in the field of

Chemical Testing

for the tests shown on the *Scope of Accreditation* issued by NATA



A J Russell
Chief Executive

Date of accreditation: 7 November 1996
Accreditation number: 11958



**WORLD RECOGNISED
ACCREDITATION**

NATA is Australia's government-endorsed laboratory accreditor, and a leader in accreditation internationally. NATA is a signatory to the international mutual recognition arrangements of the International Laboratory Accreditation Cooperation (ILAC) and the Asia Pacific Laboratory Accreditation Cooperation (APLAC).



Scope of Accreditation

ACCREDITATION NO: 11958

**Incitec Pivot Ltd
Nutrient Advantage Laboratory Services**

Incitec Pivot Laboratory
8 South Road
WERRIBEE VIC 3030

CONTACT: Mr P Williams
PHONE: (03) 9731 3100 FAX: (03) 9974 0699 MOBILE:
EMAIL: lab.feedback@incitecpivot.com.au
WEB SITE: www.incitecpivot.com.au/nutrientadvantage2.asp

FACILITIES: Public testing service

This facility complies with the requirements of ISO/IEC 17025:2005

7.61 Agricultural products and materials

.22 Soils

listed as determination(s) by technique(s) using method(s) -

Aluminium - exchangeable (potassium chloride extractable) by AAS (flame) using in-house Incitec Pivot 04-027

Boron (hot calcium chloride extractable) by ICP-AES using in-house Incitec Pivot 04-025

Chloride by SFA using in-house Incitec Pivot 04-052

Colour and texture by classical using in-house Incitec Pivot 04-042

DTPA trace elements - copper, iron, manganese, zinc by ICP-AES using in-house Incitec Pivot 04-024

Electrical conductivity by classical using in-house Incitec Pivot 04-031

Exchangeable cations - calcium, magnesium, potassium, sodium (ammonium acetate) by ICP-AES using in-house Incitec Pivot 04-026

Exchangeable cations - aluminium, calcium, magnesium, potassium, sodium (ammonium chloride/barium chloride) by ICP/AES using in-house Incitec Pivot 04-022

Mehlich III - aluminium, boron, calcium, copper, iron, magnesium, manganese, potassium, phosphorus, sodium, sulfur, zinc by ICP-AES using in-house Incitec Pivot 04-035

Moisture by classical using in-house Incitec Pivot 04-029

Nitrogen - ammonium (potassium chloride/sulphuric acid extractable) by FIA using in-house Incitec Pivot 04-043

Nitrogen - nitrate by SFA using in-house Incitec Pivot 04-052

Nitrogen - total Kjeldahl by FIA using in-house Incitec Pivot 04-040

Organic carbon - oxidisable by UV-vis spectrophotometric using in-house Incitec Pivot 04-018

pH (calcium chloride) by classical using in-house Incitec Pivot 04-031

pH (water) by classical using in-house Incitec Pivot 04-031

pH buffer by classical using in-house Incitec Pivot 04-047

Phosphorus - available (Bray) by FIA using in-house Incitec Pivot 04-002

Phosphorus - available (BSES) by FIA using in-house Incitec Pivot 04-004

Phosphorus - available (Colwell) by FIA using in-house Incitec Pivot 04-013

Phosphorus - available (Lactate) by UV-vis spectrophotometric using in-house Incitec Pivot 04-050



Scope of Accreditation

Phosphorus - available (Olsen) by FIA using in-house Incitec Pivot 04-030
Phosphorus - total (Kjeldahl) by FIA using in-house Incitec Pivot 04-040
Phosphorus buffer index (PBI) by ICP-AES using in-house Incitec Pivot 04-020
Potassium - exchangeable (Colwell) by AAS (flame) using in-house Incitec Pivot 04-044
Potassium - exchangeable (nitric acid) by ICP-AES using in-house Incitec Pivot 04-015
Silicon - available (BSES) by FIA using in-house Incitec Pivot 04-004
Silicon - available (calcium chloride) by FIA using in-house Incitec Pivot 04-046
Slaking and dispersion by classical using in-house Incitec Pivot 04-041
Sulfur - available (calcium dihydrogen orthophosphate) by ICP-AES using in-house Incitec Pivot 04-016
Sulfur - available (potassium chloride) by ICP-AES using in-house Incitec Pivot 04-021
Zinc (hydrochloric acid) by ICP-AES using in-house Incitec Pivot 04-014

.23 Plant tissue

listed as determination(s) by technique(s) using method(s) -
Boron by ICP-AES using in-house Incitec Pivot 04-023
Calcium by ICP-AES using in-house Incitec Pivot 04-023
Chloride (hot and cold extraction) by SFA using in-house Incitec Pivot 04-045
Copper by ICP-AES using in-house Incitec Pivot 04-023
Iron by ICP-AES using in-house Incitec Pivot 04-023
Magnesium by ICP-AES using in-house Incitec Pivot 04-023
Manganese by ICP-AES using in-house Incitec Pivot 04-023
Nitrogen - nitrate (hot and cold extraction) by SFA using in-house Incitec Pivot 04-045
Nitrogen - total Kjeldahl by FIA using in-house Incitec Pivot 04-011
Phosphorus by ICP-AES using in-house Incitec Pivot 04-023
Potassium by ICP-AES using in-house Incitec Pivot 04-023
Sodium by ICP-AES using in-house Incitec Pivot 04-023
Sulfur by ICP-AES using in-house Incitec Pivot 04-023
Zinc by ICP-AES using in-house Incitec Pivot 04-023

Accreditation No: 11958

Corporate Site No: 11951

(Scope Last Changed 03/09/09)



Australasian Soil and Plant Analysis Council Inc.

This is to certify that

Nutrient Advantage Laboratory Services #CMA-054

meets ASPAC's proficiency criteria for the following methods conducted in the Soil Proficiency Testing Program, 2016

• Ammonium Nitrogen (mg/kg)	7C2
• CaCl ₂ Extractable B (mg/kg)	12C2
• Exch Aluminium (cmol+/kg)	15G1
• Exch Calcium (cmol+/kg)	15D3
• Exch Potassium (cmol+/kg)	15D3
• Exch Magnesium (cmol+/kg)	15D3
• Exch Sodium (cmol+/kg)	15D3
• Ext Copper (mg/kg)	12A1
• Ext Iron (mg/kg)	12A1
• Ext Manganese (mg/kg)	12A1
• Acid P (mg/kg)	9G2
• Bray P (mg/kg)	9E2
• Colwell P (mg/kg)	9B2
• Olsen P (mg/kg)	9C2
• Ext Sulphur (mg/kg)	10B1
• Ext Sulphur (mg/kg)	10D1
• Ext Zinc (mg/kg)	12A1
• M3-Aluminium (mg/kg)	18F1
• M3-Boron (mg/kg)	18F1
• M3-Calcium (mg/kg)	18F1
• M3-Copper (mg/kg)	18F1
• M3-Iron (mg/kg)	18F1
• M3-Potassium (mg/kg)	18F1
• M3-Magnesium (mg/kg)	18F1
• M3-Manganese (mg/kg)	18F1
• M3-Sodium (mg/kg)	18F1
• M3-Phosphorus (mg/kg)	18F1
• M3-Sulphur (mg/kg)	18F1
• M3-Zinc (mg/kg)	18F1
• Nitrate Nitrogen (mg/kg)	7C2
• Organic Carbon W&B (%)	6A1
• PBI Colwell (L/kg)	9I2a
• pH CaCl ₂ (pH units)	4B2
• pH Water (pH units)	4A1
• Total Nitrogen (%)	7A2
• Total Nitrogen (%)	7A5
• Total Phosphorus (%)	Not Specified
• Water Ext Cl (mg/kg)	5A2

Method codes are from Rayment and Lyons (2011)

D. Lyons
Chairperson, ASPAC

R. Hill
Convenor, Lab Proficiency Committee