



RECORD OF SITE INSPECTION

SITE INSPECTION NOTES		
Project:	Glendell Continued Operations Project (SSD-9349) and Mount Owen Continued Operations Mod 4 Project (SSD-5850-Mod-4)	
Meeting Location:	The Glendell and Mount Owen sites and surrounding areas	
Date:	Friday, 25 March 2022	
Time:	9.00am – 1.30pm	
ATTENDEES		
Commissioners:	Dianne Leeson Professor Snow Barlow Adrian Pilton	Chair
Office of the IPC:	Casey Joshua Jane Anderson	Principal Case Manager Senior Planning Officer
Applicant:	Jason Desmond Brad Snedden Xavier Wagner Mike Carrucan Andrew Roxburgh Tim Walls Barbara Crossley Bridie McWhirter Ian Stapleton	Environment & Community Manager, Mount Owen Complex Approvals Manager, Glendell Continued Operations Project Regional General Manager, Glencore Director of Projects and Technical Support, Glencore General Manager, Business Development and Technical Services, Glencore NSW Approval Manager, Glencore Managing Director, Umwelt Senior Environmental Consultant, Umwelt Heritage Architect, Lucas Stapleton Johnson (part of visit)
Community Group Representatives:	Nil. It is noted that community representatives attended the Virtual Site Inspection as observers on 4 March 2022.	
LOCATIONS AND KEY OBSERVATIONS		
1) Glendell Mine Infrastructure Area <ul style="list-style-type: none">• Chair opening statement.• Introductions and site induction.• Glendell MIA including the car parking area, reception buildings and infrastructure buildings.• Travel by bus to Location 2 – observed temporary rehabilitation mounds for the purpose of air quality, dust suppression, visual barrier and stabilisation – permanent rehabilitation to follow.		



2) Glendell Mine Pit

- Mine plan progression, haul roads, emplacement areas, mining vehicles operating in the pit and the pit walls including the visible coal seams, current water drainage arrangements and water utilised for dust suppression.
- Emplacement areas of the Ravensworth Operations Mine further to the west.
- Heights of the visible rehabilitation areas and the relevant heights (range between 190 metres and 230 metres) of surrounding region.
- Temporary landform to the east of the Glendell Pit.

3) Swamp Creek Diversion

- Existing Swamp Creek diversion located to the south of the Glendell MIA.
- Vegetation surrounding the creek and the form of the creek and species used and method for seeding the creek bank areas.

4) Vantage Point (location in southern part of proposed pit extension area)

- Proposed pit extension area and back towards the MIA and existing Glendell Pit to the south.
- The extent of the proposed pit extension to the north, south, east and west, including the area where the proposed pit would widen and the areas of higher overburden strip ratio.
- The approximate 500m standoff area from the Ravensworth Homestead Complex.
- Heavily grassed open cleared areas with numerous kangaroos grazing the paddocks within view.
- Travelling to Location 5, the Panel observed the former public school ruin on the corner of Hebden Road and the new parts of Hebden Road constructed under the Mount Owen approval (including the rail overpass).

5) Camberwell Village

- Travel along Alpha Street and McInerney Road in Camberwell.
- Glendell air quality monitoring station located on McInerney Road, which provides real-time air quality data to digital devices and is used to trigger dust mitigation procedures in the pit.

6) Ravensworth Homestead

- The Panel were introduced to Mr Ian Stapleton, Heritage Architect, at the gates of the Ravensworth Homestead.
- Distant location of the original hut on the property identified.
- Key observations:
 - driveway and entrance gate;
 - farmyard square;
 - Main House building and Kitchen Wing building exterior (front, sides and rear);
 - Main House front gardens;
 - Main House building interior (all interior rooms and hallways);
 - Kitchen Wing building interior (all interior rooms and hallways);
 - stone privy building;
 - house dam beyond the front gardens;
 - Miss White's grave;
 - Men's Quarters building exterior;



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- Barn exterior;
- farmyard (cattle yards) and surrounding stone walls;
- Stable building exterior (front, sides and rear);
- Stable building interior (all interior rooms and archway); and
- surrounding cleared farmland and remnant trees.

7) Vantage Point (location at western edge of proposed pit extension area)

- Proposed pit extension area and south-east towards the MIA and existing Glendell Pit to the south.
- Bowmans Creek to the west and Hebden Road to the east with the Ravensworth Homestead Complex beyond.
- The extent of the proposed pit extension to the north, south, east and west.
- The proposed realignment location of Hebden Road (as marked by white posts by the Applicant).

8) Ravensworth Farm Site

- The site of the proposed relocation option for the Ravensworth Homestead Complex and Bowmans Creek beyond.
- Approximate location of the new Glendell MIA and clarification that existing derelict farm buildings nearby would be demolished and removed.

9) Mt Owen Mine Rehabilitation Area

- Mount Owen Rehabilitation area.
- Areas of rehabilitation and the variation between older areas of rehabilitation (flat-topped landform with a regular slope) and newer areas (more natural landform design with peaks and troughs). Maturing vegetation in older rehabilitation areas.
- Access roads through the area used for weed management and bushfire access.
- Location of the State Forest land.

10) Mount Owen Coal Handling and Preparation Plant

- Mount Owen water management area and the Mount Owen Coal Handling and Preparation Plant (CHPP).
- Noted the CHPP is 25 years old but capable of prolonged use with modest upgrades.

Return to the Glendell Mine Infrastructure Area

Meeting closed at: 1.45pm

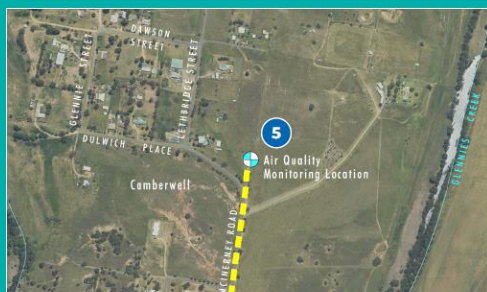


SITE INSPECTION MAP

Glendell Continued Operations Project IPC Site Visit Tour

- 1 Glendell Mine Site – Meeting Point
- 2 Glendell Pit – Inspection Point
- 3 Swamp Creek Diversion – Inspection Point
- 4 GCOP Early Stages - Inspection Point
- 5 Camberwell Community
- 6 Ravensworth Homestead – Inspection Point
- 7 Western edge of Open Cut Extension – Inspection Point looking back to pit
- 7A Western edge of Open Cut Extension – Inspection Point looking North
- 8 Ravensworth Farm Recipient Site – Inspection point
- 9 Mount Owen Mine Rehabilitation Area – Inspection Point
- 10 Mt Owen Water Management Area – Inspection Point

--- Tour route



25th MARCH 2022



SITE INSPECTION PHOTOS

25 March 2022

Location 1

Glendell Mine Infrastructure Area

No photographs recorded of the Glendell Mine Infrastructure Area buildings. The Panel viewed the car parking area, reception buildings and infrastructure buildings.



View of a cleared area and parked mining vehicles to the south of Swamp Creek, near the Glendell Mine Infrastructure Area. View looking west.



View of a cleared area and parked mining vehicles to the south of Swamp Creek, near the Glendell Mine Infrastructure Area. View looking west.

SITE INSPECTION PHOTOS

25 March 2022

Location 2 **Glendell Pit**



View of the existing Glendell Pit looking south-west.



View of the existing Glendell Pit looking north-west.



View of the existing Glendell Pit looking west.

SITE INSPECTION PHOTOS

25 March 2022

Location 3

Swamp Creek Diversion



View of the existing Swamp Creek diversion looking south-east.



View of the existing Swamp Creek diversion looking south-west.



View of the vegetation surrounding the existing Swamp Creek diversion.

SITE INSPECTION PHOTOS

25 March 2022

Location 4

Vantage Point (location in southern part of proposed pit extension area)



View looking north across the proposed pit extension area (with Ravensworth Homestead beyond the visible hills).



View looking east towards the Ravensworth East Emplacement Area and West Pit.



View looking north-east across the proposed pit extension area.

Location 5

Camberwell Village

No photographs recorded at Camberwell Village. The Panel viewed Alpha Street, McInerney Road and the Glendell air quality monitoring station.

SITE INSPECTION PHOTOS

25 March 2022

Location 6

Ravensworth Homestead Complex



View of the main house building (rear) from within the Ravensworth Homestead farmyard square. View looking south.



View of the main house building (rear) and later additions from within the Ravensworth Homestead farmyard square. View looking south-east.



View of the main house building (rear) from within the Ravensworth Homestead farmyard square. View looking south.

SITE INSPECTION PHOTOS

25 March 2022

Location 6

Ravensworth Homestead Complex



View of the main house building (front) looking north-east.



View of the main house building (front) looking north-east.



View of the main house building (front) and surrounding house gardens looking north.

SITE INSPECTION PHOTOS

25 March 2022

Location 6

Ravensworth Homestead Complex



Interior view of the main house building.



Interior view of the main house building.



Interior view of the main house building.

SITE INSPECTION PHOTOS

25 March 2022

Location 6

Ravensworth Homestead Complex



View along the front verandah of the main house building.



View of exterior window on the western elevation of the main house building.



Interior view of the main house building looking south towards the house garden.

SITE INSPECTION PHOTOS

25 March 2022

Location 6

Ravensworth Homestead Complex



View of the stable building (rear) looking east with the farmyard square beyond.



View of the men's quarters cottage looking south-east.



View of the main house building and kitchen wing looking west.

SITE INSPECTION PHOTOS

25 March 2022

Location 6

Ravensworth Homestead Complex



View of the out buildings and farm yards with the barn building (rear) in the foreground and stable building beyond. View looking west.



View looking south-west towards the farm yards and stable building.



Exterior view of the stable building archway.

SITE INSPECTION PHOTOS

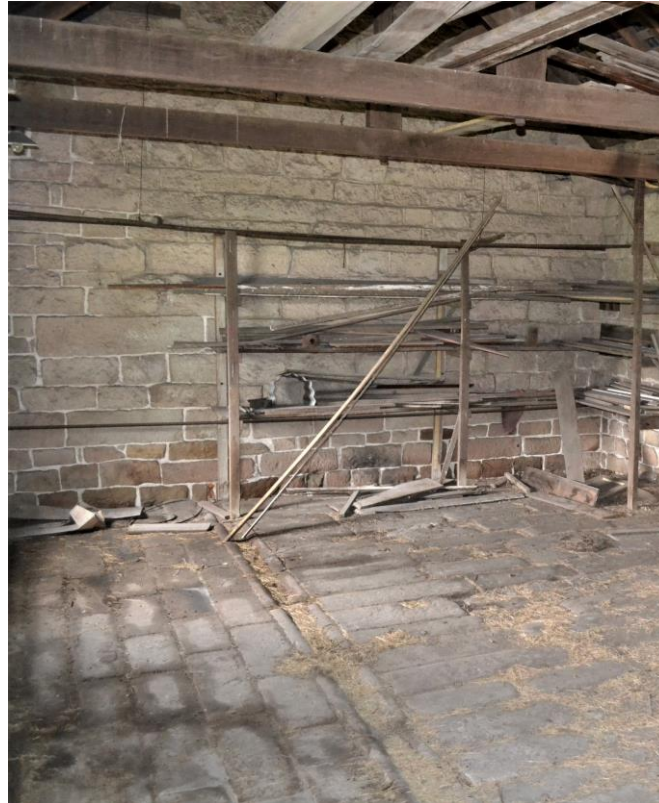
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Location 6

Ravensworth Homestead Complex



Interior view of the stable building rafters.



Interior view of the stable building floor.



Interior view of the stable building archway.

SITE INSPECTION PHOTOS

25 March 2022

Location 6

Ravensworth Homestead Complex



View looking south to the privy (rear) and house dam beyond.



View of the house garden to the south of the main house building. View looking east.



View of the house garden to the south of the main house building. View looking west.

SITE INSPECTION PHOTOS

25 March 2022

Location 7

Vantage Point (location at western edge of proposed pit extension area)



View looking west towards Bowmans Creek.



View looking east across the proposed pit extension area with Yorks Creek and Hebden Road in the foreground and the Ravensworth Homestead Complex in the middle distance.



View looking north-west towards Liddell Power Station and Bayswater Power Station.

25 March 2022

Location 8

Ravensworth Farm Site



*View of the Ravensworth Farm site
(proposed Ravensworth Homestead
Complex relocation site option).*

Location 9

Mount Owen Mine Rehabilitation Area

No photographs recorded. The Panel viewed the Mount Owen Mine Rehabilitation Area. The Panel travelled along the internal road to the north-east corner of the existing Mount Owen Pit.

SITE INSPECTION PHOTOS

25 March 2022

Location 10

Mount Owen Coal Handling and Preparation Plant



View looking west towards the Mount Owen water management area.



View of the Mount Owen Coal Handling and Preparation Plant.