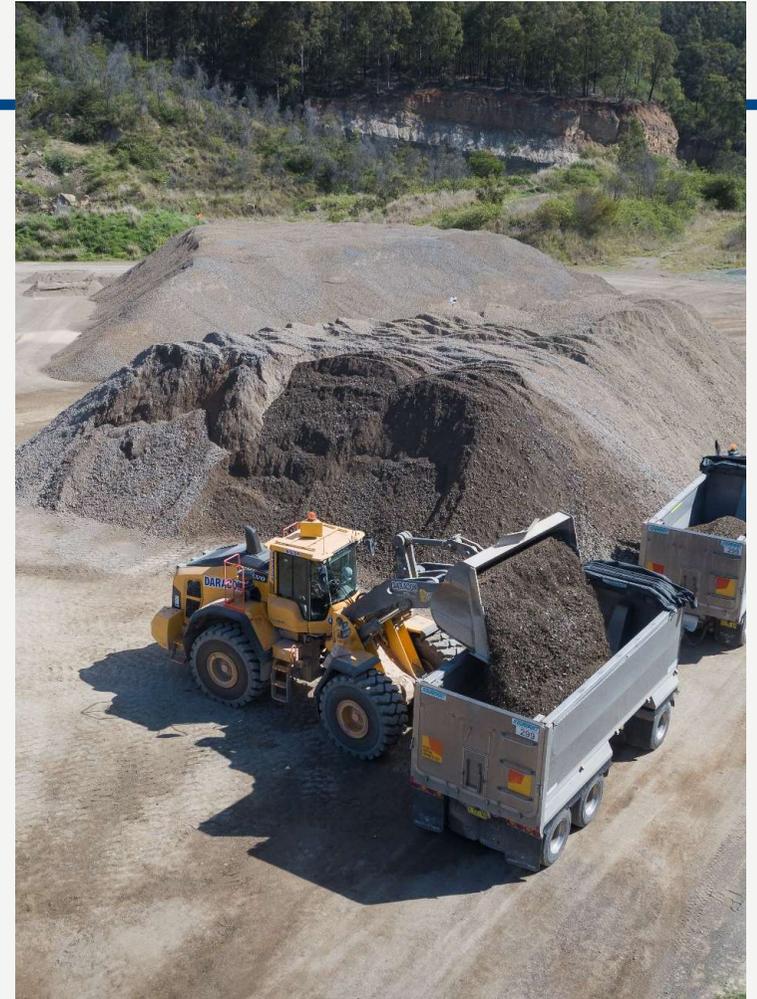


# Martins Creek Quarry Project

Independent Planning Commission - Site Visit

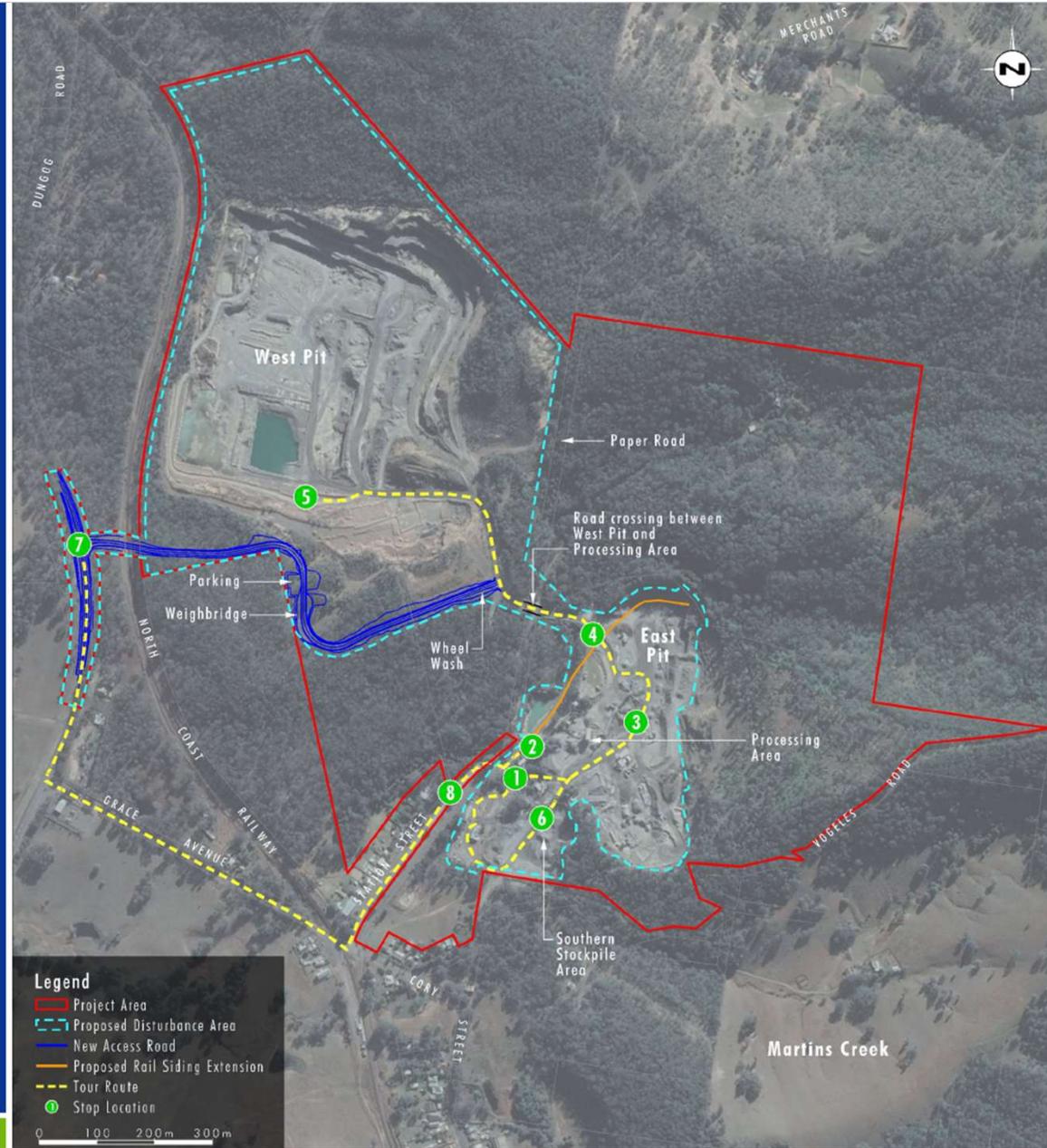
17 October 2022



# Martins Creek Quarry IPC Site Visit Tour

- 1 Martins Creek Quarry Office – Meeting Point for IPC Site Inspection
- 2 Rail Loading Facility
- 3 Processing Area – Adjacent to Secondary Crusher
- 4 Haul road between East Pit and West Pit
- 5 West Pit
- 6 Southern Stockpile
- 7 Dungog Road – Location of New Quarry Access Road
- 8 Station Street – Location of Nearest Residence (R1)

**DARACON**  
Group



**DARACON**  
Group

# Revised Project



## Key Project Changes from Original DA:

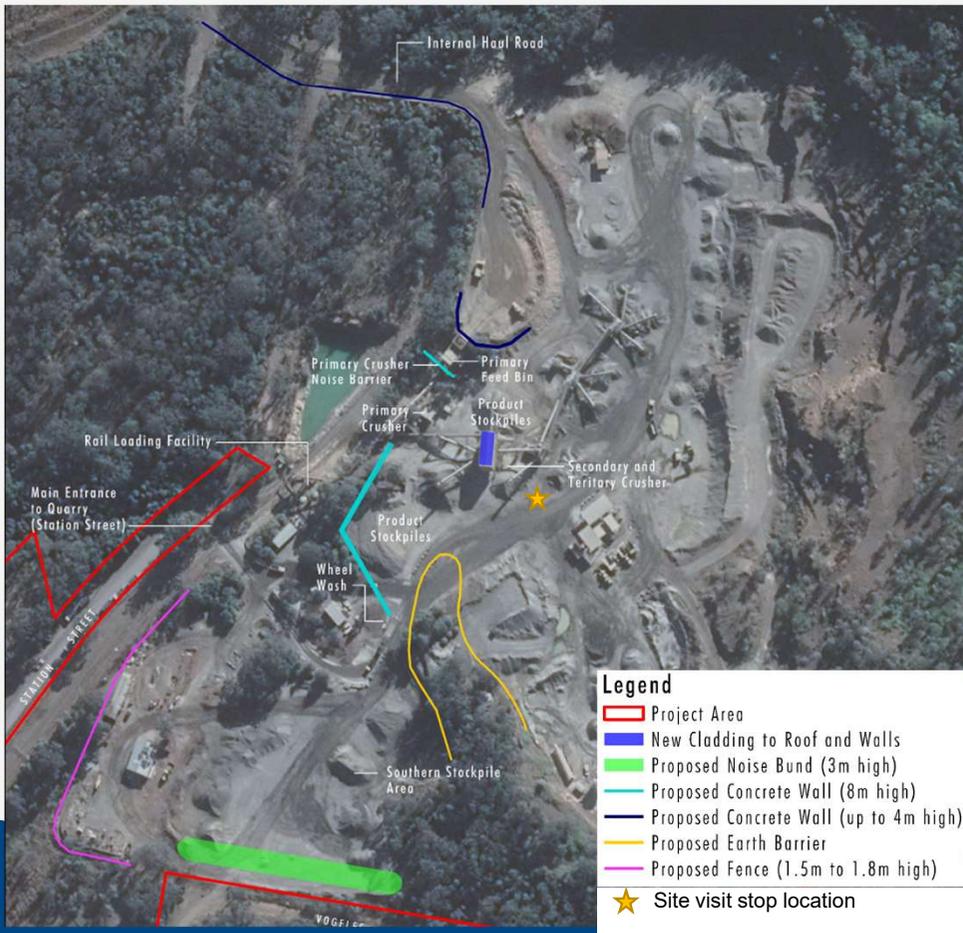
- Refinement of quarry and design of rail spur extension
  - 16.8-hectare reduction in the proposed disturbance footprint
- Reduced production, road haul rates and operating hours
  - Total production reduced from 1.5mtpa to 1.1 Mtpa
  - Reduced road transport to maximum of 500,000 tpa at full production
  - Increased quarry product transported by rail (600,000 tpa)
  - Removal of Haul Route 2 as a primary haul route
  - No haulage of quarry product on Saturday, Sunday or public holidays, and reduced daily and hourly haul rates and times
- Commitment to construct new access road by end Year 2
- Substantial noise and air mitigation commitments, including plant upgrades, rail noise barrier, noise bunds and robust proactive and reactive operational controls
- Further refinement of intersection designs and road upgrades

### Legend

- - - Project Area
- - - Proposed Disturbance Area
- - - Original Project Disturbance Area
- New Access Road
- Proposed Rail Siding Extension
- Reduction in Proposed Disturbance Footprint

# **Site 3 – Processing Area – Adjacent to Secondary Crusher**

# Processing Area

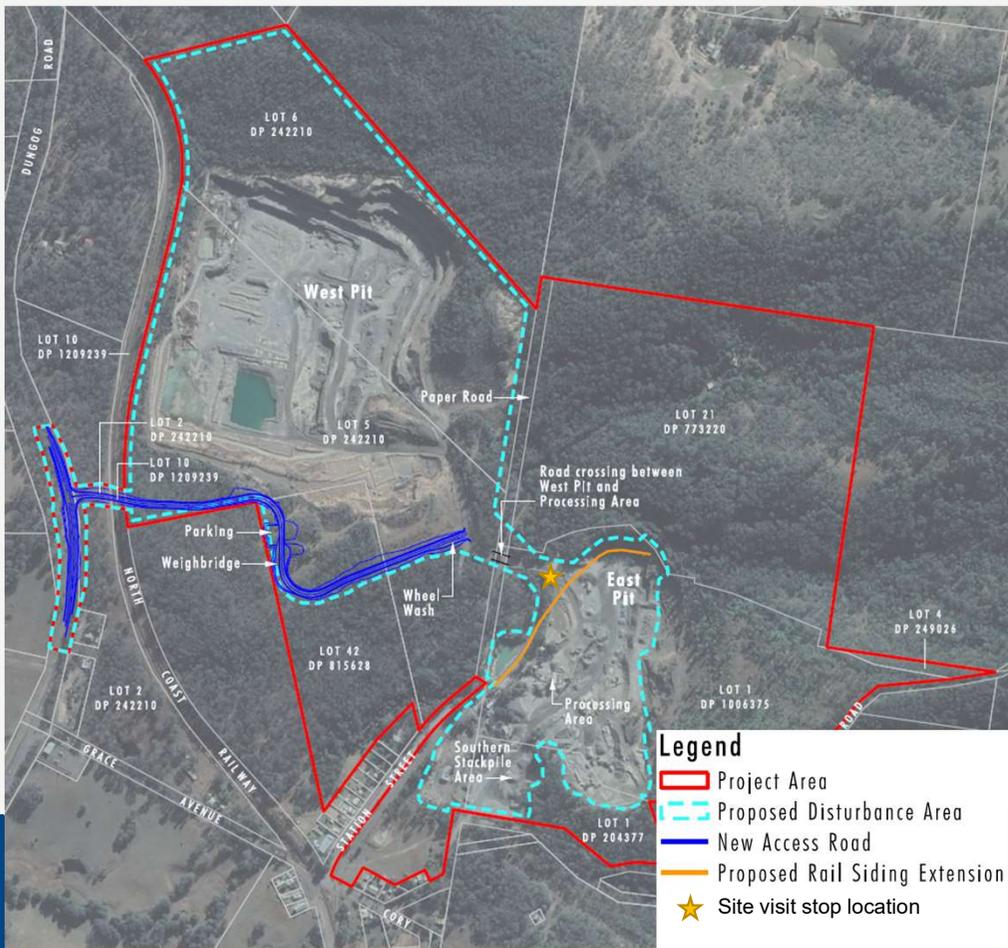


The Project includes a number of physical noise controls to assist in managing noise emissions from the quarry:

- noise barrier adjacent to the primary dump hopper and part of the internal haul road between the West Pit and East Pit
- noise barrier adjacent to the primary crusher
- noise attenuation of the primary surge bin
- 8-metre noise barrier around the southern boundary of the existing East Pit processing plant area to overlap an augmented landform adjacent the existing wheel wash bay
- new cladding of the secondary screen and crusher building. Additionally, cladding of the existing open areas at the base of the building for the northern, western and southern facades
- attenuated replacement of the tertiary crusher and tertiary surge bin
- 3-metre noise barrier around the southern boundary of the Southern Stockpile Area
- installation of a fence between the western boundary of the Southern Stockpile Area and adjacent rail siding.

# Site 4 – Haul Road between East Pit and West Pit

# Rail Spur Extension

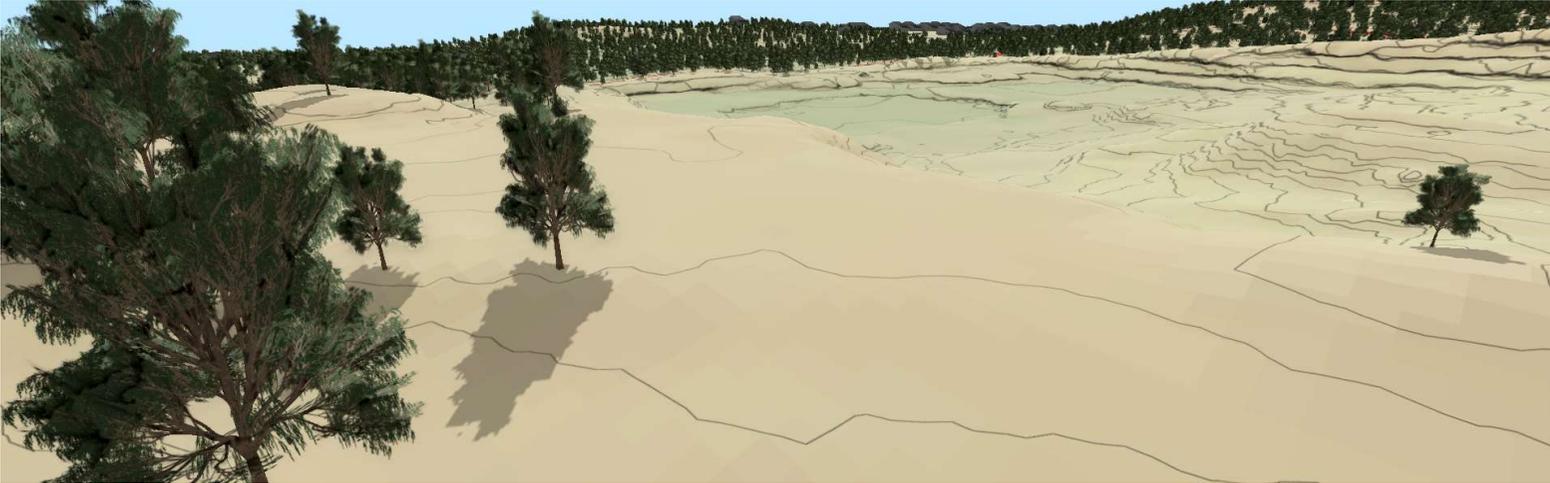


- It is proposed to extend the rail spur by approximately 360 metres to facilitate longer trains to transport more quarry product
- The redesign of the proposed rail spur reduces disturbance area, optimises noise shielding by location in pit, and provides for product loading flexibility
- The proposed changes to the rail spur will enable the full range of quarry products produced by the quarry, not just rail ballast, to be loaded onto trains
- Rail spur construction timing is dependent on quarrying in the East Pit

# Site 5 – West Pit

# Conceptual view of West Pit throughout the Project

Year 2

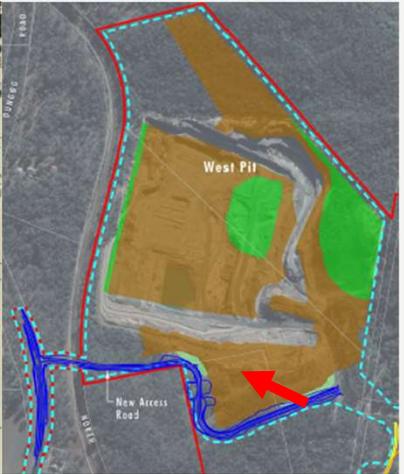
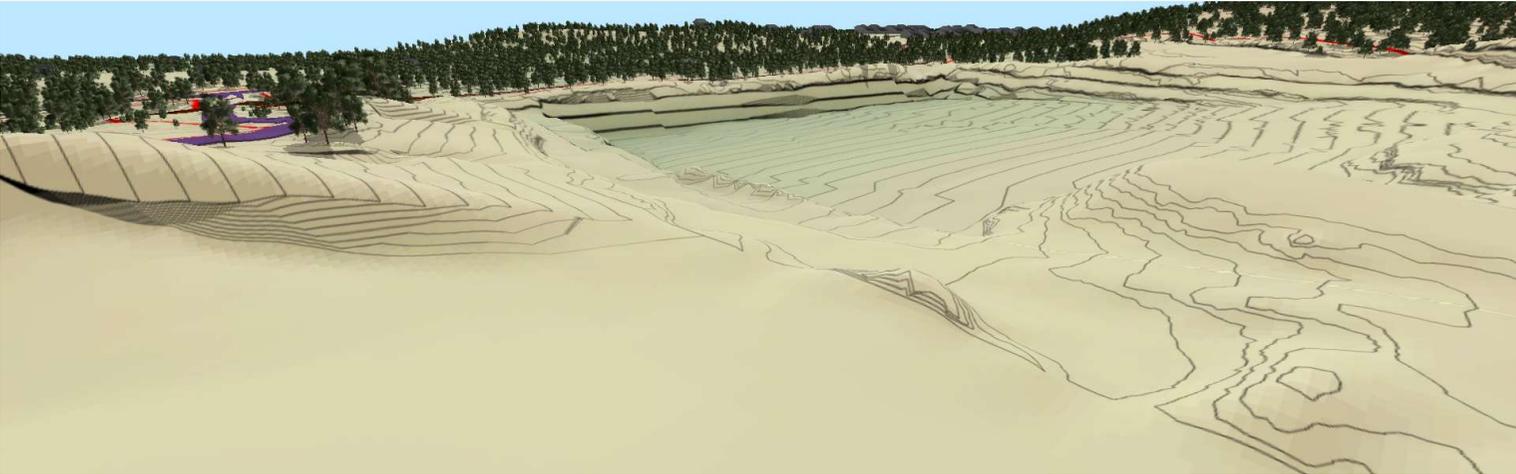


Year 6

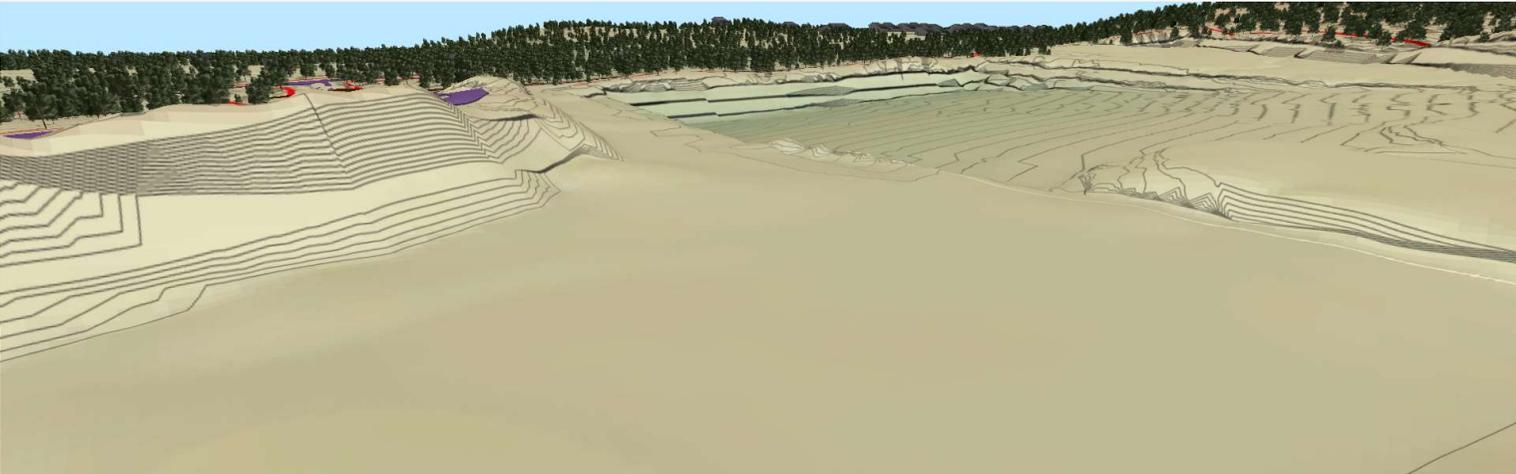


# Conceptual view of West Pit throughout the Project

Year 10



Year 15



# Conceptual view of West Pit throughout the Project

Year 20



# Site 6 – Southern Stockpile

# Southern Stockpile Area



- Legend**
- Project Area
  - New Cladding to Roof and Walls
  - Proposed Noise Bund (3m high)
  - Proposed Concrete Wall (8m high)
  - Proposed Concrete Wall (up to 4m high)
  - Proposed Earth Barrier
  - Proposed Fence (1.5m to 1.8m high)
  - ★ Site visit stop location

# Site 7 – Dungog Road – Location of New Quarry Access Road

# New Quarry Access Road

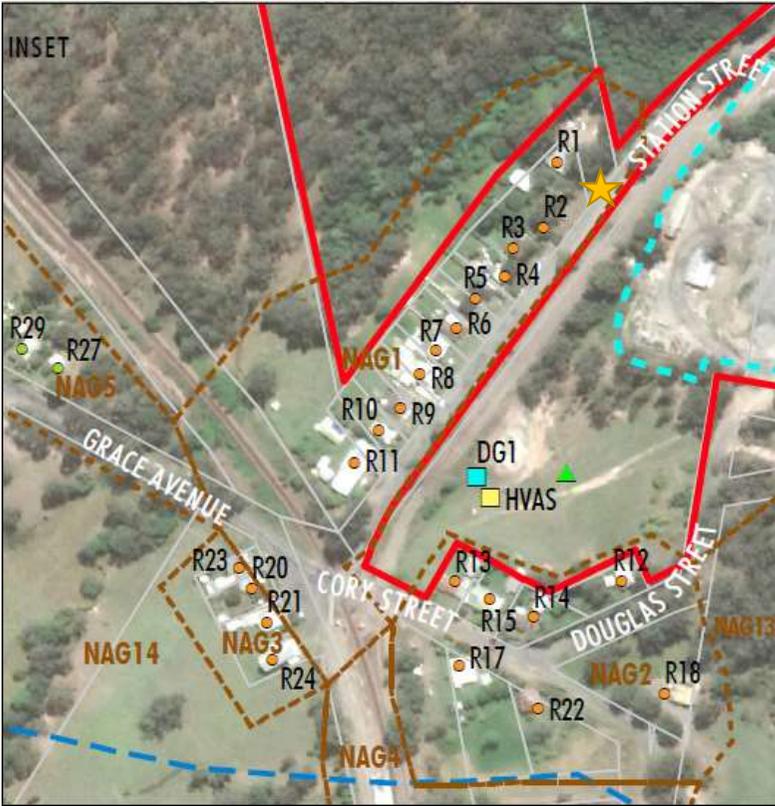
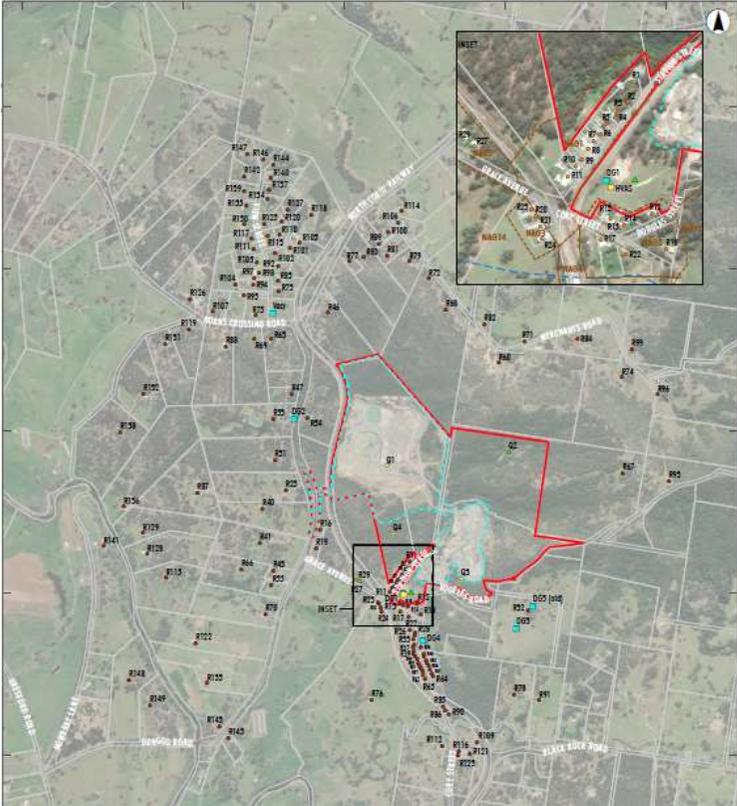


**Legend**

- Project Area
- New Access Road
- Site visit stop location

# Site 8 – Station Street – Location of Nearest Residence (R1)

# Station Street (R1)



★ Site visit stop location

**Thankyou**