Program for Environment Protection and Rehabilitation

Date:	27th June 2025
Version Number:	01
Name of Tenement Holder(s):	M.A. Skinner Contracting Pty Ltd
Name of Operation:	Toole Quarry
Tenement No:	EML 6562
Size (Ha):	23.25
Contact Details for Tenement Holder	Name: Mark Skinner Phone: 0408 810 454 Email: mas@skinners.net.au

Section 1: Mining Operations

This section specifies proposed mining operations as per Section 70B(2)(a) of the *Mining Act 1971*.

1. Mining Operations	
1.1 Resource description, production and mine life.	Following is a geological description of the resource: Calcrete The resource/commodity being extracted and sold is: Calcrete Statement of the estimated resource or reserve and details of the basis of this estimate: The proposed area for extraction will be approximately 22 hectares (area west of existing vegetation) to a depth of 1.5 metres. The estimated resource is: 220,000 m^2 * 1.5m = 330,000 m^3 Based on a specific gravity (SG) of 1.4 for calcrete, the total resource estimated for mining is 462,000 tonnes. The mined resource will be used for the following products, end use: Class 2 roadbase and rubble for construction purposes such as house/shed pads and rubble for construction purposes such as house/shed pads and driveways, road reconstruction, re-sheeting of roads, and general landscaping. The estimated annual production is up to 45,000 tonnes per annum. The mine is estimated to have a life of 10 years.

1.2 Processing	The following is a description of processing: The calcrete will be crushed and screened on site before being loaded onto trucks for delivery within the Yorke Peninsula and surrounding areas or placed on product stockpiles (refer Figure 2 in Section 7 for location). Mobile equipment proposed to be used on site includes: • 25 tonne excavator and 40 tonne excavator • 2 x Rubble Master 100GO crusher • 2 x 25 tonne loader • 2 x Pugmill • 2 x Screening plant All machinery is mobile and diesel powered. There are no requirements for additional services or utilities at the site.
1.3 Product Transport	The estimated size of haulage trucks are: 0-12 tonne Heavy Rigid and 28-32 tonne Heavy Combination The estimated truck movements per operational day is up to 30 loads. As per the Location Plan, Mine trucks will access the site via the following route: Access and egress will be via Kadina-Tickera Road (refer Figure 2 in Section 7). As the traffic will be very minimal at the quarry and multiple trucks are unlikely to be entering and exiting the site at the same time, only one gate will be utilised. No new roads will need to be constructed, nor any existing roads or intersections are required to be upgraded. Trucks will only use roads during daylight hours.
1.4 Water Use	The amount of water required for mine operations is estimated at: 150 Litres per day when producing wet rubble through the pugmill (this will be only occasionally). If dust suppression is required on dry, windy days, the estimated usage rate is 40L/min. Water will be sourced from: When required, water will be trucked to the site via water tanker.

1.6 Mining and Rehabilitation Description

A staged Mining Plan showing how mining and progressive rehabilitation will occur over the life of the mine has been included as Figure 8 in Section 7.

The plans and details provided below demonstrate that there is a reasonable prospect that the land can be effectively and efficiently mined.

The proposed final depth of mining below the surrounding ground level is not greater than 1.5 metres;

The maximum area of un-rehabilitated land will be less than 3 hectares at any one time.

Following is a description of how mining will occur over the life of the mine using a staged approach:

Mining of calcrete will be by open cut excavation up to 1.5 metres below the existing ground level refer Figure 7 in Section 7.
Mining will commence in the northern part of the Mining Lease (west of the stand of vegetation and laydown area, refer Figure 8 in Section 7). The first stage will be immediately west of the laydown area (refer Figure 2 in Section 7) and will proceed west in stages (stages 2 and 3). Once the northern part of the mining lease has been mined; stage 4 will commence in the southern part of the mining lease (west of the stand of native vegetation) and proceed west in west in stages 5 and 6 (refer Figure 8 in Section 7). Stages 1 – 6 are each approximately 2.5 hectares. Once stages 1 – 6 are completed, the remaining application area will be extracted as a final stage. The total area to be extracted is 22 hectares. Native vegetation is not proposed to be removed.
The calcrete will be crushed and screened and then loaded onto trucks for delivery or placed in product stockpiles (refer Figure 2 in Section 7 for location).
Topsoil will be removed and stockpiled for use in rehabilitation (refer Figure 2 in Section 7 for location). Stockpiles will be no more than 2m in height. Vegetative cover will be maintained to protect stockpiles from wind and water erosion. A product stockpile will be located in the northern part of the main area of operations (refer Figure 2 in Section 7 for location) and will be no more than 5 metres in height.

Following is a description of the post mining land use and landform:

At completion of quarrying, the site will be returned to agricultural (cropping) use (refer Figure 11 in Section 7 for Final Landform). The completed ground level will be 1.5 metres below the existing ground surface (refer Figure 12 in Section 7 for cross-section). Final batters around the perimeter of the mined area will be 1 in 3 (1 vertical to 3 horizontal).

Staged progressive rehabilitation is planned in the following sequence to achieve the post mining landform design and allow for the proposed land use:
As each 3-hectare area is removed, stockpiled topsoil will be replaced and vegetative cover encouraged to reduce erosion from wind and rain. This will continue until the calcrete has been removed from the area of proposed mining and all underlying area has been rehabilitated. Upon completion, the site will be returned to agricultural use.

1.7 Hours of operation	
☒ Regular/continuous/ongoing Mining will occur on a regular/ continuous/ ongoing basis with the following operating hours: Monday – Friday: 7am – 4pm Saturday: N/A Sunday: N/A Public Holidays: N/A	☒ Campaign Mining will occur on a campaign basis within the following operating hours during campaigns: Monday – Friday: N/A Saturday: 7am to 4pm Sunday: 8am – 3pm Public Holidays: 7am – 4pm

Section 2: Consultation

The following additional consultation occurred post lease grant:

Landowner: Mitchell Toole (0458 275 571)

Date of consultation: 24th June 2026

Issue(s) raised:

None.

Resolution(s) proposed:

N/A

Adjacent landowner: Rohan Voumard (0418 837 660)

Date of consultation: 24th June 2026

Issue(s) raised:

None.

Resolution(s) proposed:

N/A

Local Council: Tim Neumann (08 8828 1200)

Date of consultation: 27th June 2025

Issue(s) raised:

None.

Resolution(s) proposed:

N/A

Section 3: Management of Environmental Impacts

This section sets out the environmental outcomes, measurement criteria and strategies as per Regulation 63(1) of the Mining Regulations 2020.

3.1 Heritage

Outcome No damage, disturbance or interference to Aboriginal or Non-Aboriginal heritage sites, objects or remains as a result of mining operations unless it is authorised under the relevant legislation.	**Measurement Criteria** Production records and Mine Logbook will demonstrate that upon discovery within the tenement of any possible Aboriginal or Non-Aboriginal: - sites of significance; - objects; - remains; that work ceased until the relevant authorities were notified and work recommenced only once authorisation was received.

Control and Management Strategies

All contractors and employees operating within the tenement will understand their obligations in regard to the *Aboriginal Heritage Act 1988* with regards to the discovery of Aboriginal sites, objects or remains and the *Heritage Places Act 1993* with regards to the discovery of places or objects of significance.

Provide any additional strategies:

N/A

3.2 Traffic

Outcome	**Measurement Criteria**
No traffic accidents involving members of the public and mine related traffic that could have been reasonably prevented by the Tenement Holder.	All traffic accidents involving the public at mine access points are recorded in Mine Logbook. All accidents will be investigated by a suitably qualified independent third party within one calendar month (or other time as agreed with Mining Regulator) and the results of the investigation show that the accident could not have been reasonably prevented by the Tenement Holder.

Control and Management Strategies

All operators will be made aware of the dangers of mine machinery and mine vehicles entering public roads during site induction.

Optional strategies:

Road signs will be displayed at mine entry and exit points, warning the public of the dangers of large trucks entering and exiting the tenement.
Vehicles and machinery will be parked inside the tenement, not along road verges.

Provide any additional strategies:

Vehicles and machinery will be required to adhere to a site speed limit of 10km/hour within the tenement. 10km/hour speed limit will be signposted on entry to site.
Signage will be displayed at mine entry and exit points, warning the public of the dangers of large trucks entering and exiting the tenement.

3.3 Public Safety (Construction and Operation of the Mine)

Outcome	**Measurement Criteria**
No public injuries and/or deaths resulting from unauthorised entry to the Land that could have been reasonably prevented.	All public injuries and/or deaths resulting from unauthorised access to the mine site are recorded in Mine Logbook and investigated by a suitably qualified independent third party within one calendar month (or other time as agreed with Mining Regulator) and the results of the investigation show that the incident could not have been reasonably prevented by the Tenement Holder.

Control and Management Strategies (Construction and Operation Phase)

Access to the Tenement will be controlled through fencing and gates will be locked when not operational

Optional strategy:

Site is sign posted making the public aware of hazards associated with the mine.

Provide any additional strategies

All visitors to site will be required to sign in and out of the onsite diary.

3.3a Public Safety (Post Mine Completion)

Outcome	**Measurement Criteria**
The risks to the health and safety of the public, so far as it may be affected by mining operations, are as low as reasonably practicable.	Following final rehabilitation work an appropriate person will inspect the site and verify in a report (to be stored in the Mining Logbook) that final rehabilitation has been undertaken in accordance with the Mining Plan.

Control and Management Strategies (Post Mine Completion)

Mining operations will be progressively rehabilitated as per Mining Plan

All plant and equipment will be removed from site.

Optional strategies:

All slopes will be battered to a slope ratio of at least 1:3 (18.4 Degrees).

Provide any additional strategies

N/A

3.4 Weeds and Pests

Outcome	**Measurement Criteria**
No introduction of new species of weeds, or pests (including feral animals), nor increase in abundance of existing weed or pest species on the Land.	Mine Logbook records of annual inspections (in Spring) by the Tenement Holder will demonstrate no introduction of new weeds or pests and no increased abundance of existing weeds and/or pests.

Control and Management Strategies

Weed spraying and pest animal control will be conducted by a suitably experience person as required.

Provide any additional Strategies:

N/A

3.5 Soil

Outcome	**Measurement Criteria**
The existing (pre-mining) soil quality and quantity is maintained.	Annual inspection records in the Mine Logbook of all soil stockpiles will demonstrate that all stockpiles are less than 2 metres high and are maintained at the height when established.

Control and Management Strategies

Soil stockpiled to a maximum of 2m in height to preserve seed stock and micro-organism function.

Soil stockpiles vegetated to prevent erosion and retain soil quality.

Optional Strategies:

Prior to mining, the amount of soil required for successful rehabilitation will be calculated.
Machinery will only be refuelled in a bunded area in accordance with EPA requirements.

Provide any additional Strategies

Spill kits will be kept on site for use if fuel spills occur during machinery refuelling.

3.6 Waste

Outcome	**Measurement Criteria**
All commercial, industrial and domestic waste is disposed of in accordance with relevant legislation.	Waste disposal receipts demonstrate that all commercial, industrial (including contaminated soil) and domestic waste within the tenement was disposed of offsite in accordance with *Environment Protection Act 1993* requirements.

Control and Management Strategies

Any general rubbish brought onto the tenement by workers or contractors will be removed on a daily basis or will be stored in rubbish bins and disposed of offsite at an EPA licensed waste facility

Provide any additional Strategies:

N/A

3.7 Noise

Outcome	**Measurement Criteria**
No public nuisance impacts from noise as a result of mining operations.	Records from Mine Logbook will demonstrate that any noise complaints received were resolved with the complainant within 48 hours (or other time as agreed with Mining Regulator). If complaints are not resolved the Tenement Holder will conduct noise monitoring at the sensitive receptor to demonstrate noise emissions comply with the *Environment Protection (Noise) Policy 2007*.

Control and Management Strategies

Optional Strategies:

Mining operations will only be carried out between the hours of 7am and 6pm Monday to Saturday
Trucks will be advised to avoid using air brakes in built up areas.

Provide any additional Strategies:

N/A

3.8 Air Quality

Outcome	**Measurement Criteria**
No public health and/or nuisance impacts from dust generated by mining operations.	Records from Mine Logbook will demonstrate that any dust complaints received were acknowledged within 48 hours and resolved with the complainant within 7 days (or other time as agreed with Mining Regulator). If complaints are not resolved to the satisfaction of the Mining Regulation, air quality monitoring is to occur at locations, and using methods, as agreed with the Mining Regulator, to demonstrate: • PM10* concentrations leaving the tenement are less than 50 µg/m^3, when measured over a 24-hour period (midnight to midnight) as specified in the *Environment Protection (Air Quality) Policy 2016,* **and/or** • dust deposition leaving the tenement does not exceed 4g/m^2/month, when monitored in accordance with Australian Standard AS 3580.10.1 Methods for sampling and analysis of ambient air – Determination of particulates – Deposited matter – Gravimetric method *Particulate matter with an aerodynamic diameter of ten micrometres of less

Control and Management Strategies

Rehabilitation will occur progressively in accordance with the Mining Plan.

All loaded trucks leaving the Tenement will be covered.

Mining will not occur during extreme wind days (i.e. dry conditions and wind speeds over 50km/hr)

Haul roads will be watered when required to control dust.

Provide any additional Strategies:

N/A

3.9 Surface Water

Outcome	**Measurement Criteria**
No adverse impact to surface water quality and water dependent ecosystems on or off the Land as a result of contamination and sedimentation caused by mining operations.	Photographic records in the Mine Logbook, following rainfall events resulting in run-off will demonstrate that surface water coming into contact with mining operations is retained within the tenement.

Control and Management Strategies

Rehabilitation will occur progressively in accordance with the Mining Plan.

Any material amount of surface water impacted by mining operation will be captured and retained within the Tenement.

Optional strategies:

Mining operations will not capture or retain any material amounts of surface water which would require management.
Clean surface water runoff will be diverted around the working area
A sump will be created to capture and hold surface water within the pit.

Provide any additional strategies:

N/A

3.10 Visual Amenity

Outcome	**Measurement Criteria**
The form, contrasting aspects and reflective aspects of mining operations are visually softened to blend in with the surrounding landscape.	Annual site inspection records demonstrate that: • the maximum area of un-rehabilitated land at any one time is 3 hectares; and • progressive and final rehabilitation has been completed in accordance with the approved Mining Plan.

Control and Management Strategies

Mining operations will be progressively rehabilitated as per Mining Plan.

The maximum are of un-rehabilitated land will be less than 3 hectares at any one time.

Provide any additional Strategies:

N/A

3.11 Post Mining Land Use

Outcome	**Measurement Criteria**
All land disturbed by mining operations is rehabilitated to achieve the post mining land use.	Following final rehabilitation work an appropriate person will inspect the site and verify in a report (to be stored in the Mine Logbook) that final rehabilitation has been undertaken in accordance with the Mining Plan to achieve the approved post mining land use.

Control and Management Strategies

Mining operations will be progressively rehabilitated to achieve post mining land use as per the Mining Plan.

Optional Strategies:

The land will be revegetated with:

- native vegetation
- crops
- pasture

Provide any additional Strategies:

N/A

3.12 Groundwater

Outcome	**Measurement Criteria**
No adverse impact to groundwater caused by mining operations.	Annual inspection or survey (as agreed with Mining Regulator) of the pit floor recorded in the Mine Logbook will demonstrate that mining operations do not exceed the mine depth levels stated in the Mining Plan.

Control and Management Strategies

No mining is undertaken within 2 metres of the estimated highest seasonal groundwater level.

Provide any additional Strategies:

N/A

3.13 Protection of Third party Property, Infrastructure and Adjacent Land Use

Potential impacts from mining on third party property and Infrastructure, including adjacent land use, were identified as a concern during stakeholder consultation.

Outcome No unauthorised damage (including that caused by fire) to adjacent public or private property, infrastructure and adjacent land use.	**Measurement Criteria** Any complaints of unauthorised damage to adjacent public or private property, infrastructure or impact to adjacent land use from mining operations will be recorded in the Mine Logbook at time of complaint and investigated within 7 days (or other time as agreed with Mining Regulator) to show that the mine operator did not cause the damage or impact through mining operations.

Control and Management Strategies

Machinery will not be operated on the tenement during total fire ban days.

3.14 Caves
The tenement is located in an area of known caves ☐ Yes ☒ No (No further action required in this table)

3.15 Native Vegetation

Native vegetation is located within the Tenement

Outcome No loss of abundance or diversity of native vegetation on or off the tenement through; • clearance, • dust/contaminant deposition, • fire, • other damage, unless a significant environmental benefit (SEB) has been approved in accordance with the relevant legislation.	**Measurement Criteria** *If native vegetation is retained:* Annual site survey/photographic evidence (stored in the Mine Logbook) will show no clearance of native vegetation identified and shown in the Mining Plan. **AND/OR** *If native vegetation is to be cleared:* Clearance will be undertaken in accordance with the attached Native Vegetation Management Plan.

Control and Management Strategies

Optional Strategies:

If native vegetation is retained:
A buffer zone of a minimum 5m from the canopy drip line of native vegetation will be maintained and flagged during operations, where no excavation or other earthworks will be undertaken within this buffer zone.

Provide any additional Strategies:

N/A

3.16 Blasting
Not applicable

Section 4: Records

Records related to measurement criteria will be kept in a Mine Logbook. All records will be kept for the duration of the lease.

Section 5: Lease Conditions

The following outlines how specific lease conditions or requirements that are not outcomes will be addressed in the PEPR (if relevant) or demonstrate how otherwise they have or will be complied with.

Lease Condition	Where in the PEPR and wow will the lease condition be addressed:

Section 6 Operator Capability

I, the Tenement Holder (and any other person who may be acting on behalf of the tenement holder as an operator), have the following appropriate experience, processes and procedures in place to be able to operate the tenement to achieve the environmental outcomes:

MA Skinner Contracting Pty Ltd is a well-established and reputable civil construction company with over 40 years of experience in the industry. With a strong focus on safety, quality, and environmental sustainability, we have built a reputation for delivering reliable, high-quality services across a range of projects.

Processes and Procedures

We are proud to be certified with the following ISO standards:

- ISO 14001 – Environmental Management
- ISO 45001 – Occupational Health and Safety Management
- ISO 9001 – Quality Management

These certifications demonstrate our commitment to maintaining and continually improving our management systems, ensuring the highest standards of safety, environmental responsibility, and quality across all aspects of our operations.

Our robust Integrated Management System includes a portfolio of policies and procedures to assist our workers with the adherence to legislation, codes of practice and industry standards. We have a comprehensive approach to risk management and safety, prioritizing the well-being of our team and the protection of our stakeholders.

Our commitment to quality and environmental sustainability is reflected in our ISO certifications and daily operations. We follow stringent quality control and environmental procedures on all our projects to minimise our impact and uphold the highest industry standards.

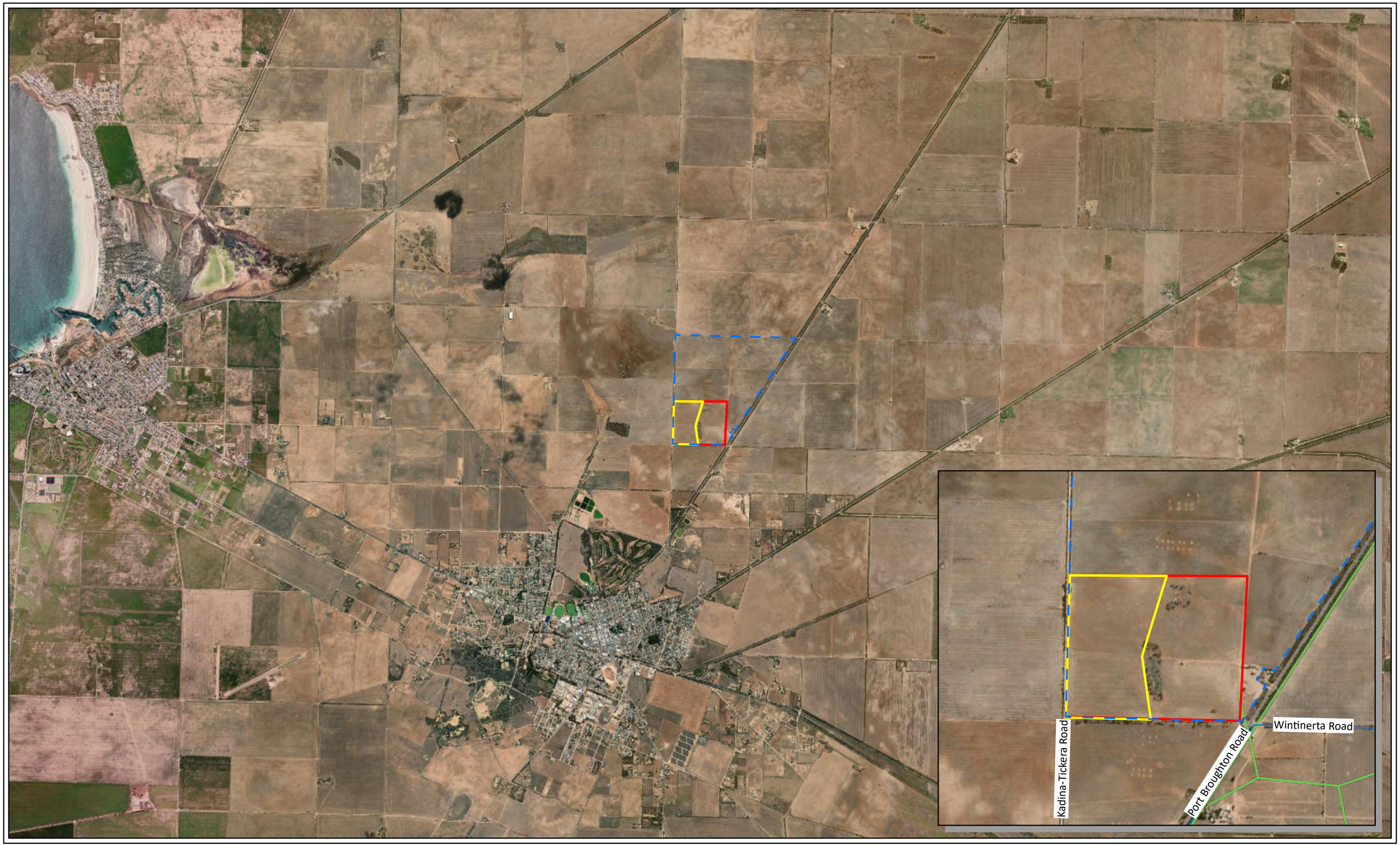
Experience and Expertise

With a team of experienced and skilled plant operators, MA Skinner Contracting is equipped to manage a wide range of construction, crushing, and mining projects. Our operators bring a wealth of knowledge and experience, allowing us to consistently achieve optimal project outcomes.

Mark Skinner, the owner of MA Skinner Contracting, who has been leading the company for over 40 years, brings extensive industry experience, including the operation of a sand quarry in Bute and the current management of a limestone quarry in Kadina and a sand quarry in Ninnes. This hands-on leadership,

combined with a deep understanding of the industry, enables us to approach projects with insight and expertise that ensures success.

Section 7: Maps and Plans



DataGrow DESIGN

Project:DGD2024008_Mining_Toole_Kadina	
Location: 3990 Upper Yorke Road, Ninnes, South Australia	
Drawn By: AS	Client: Kinesis
Version: 1	Date: 22 Jan 2025

Source: Esri Imagery Basemap.

Legend

- EML 6562
- Parcel Boundary
- Revised Application Area
- Water Main
- SAPN Overhead Transmission Line

N

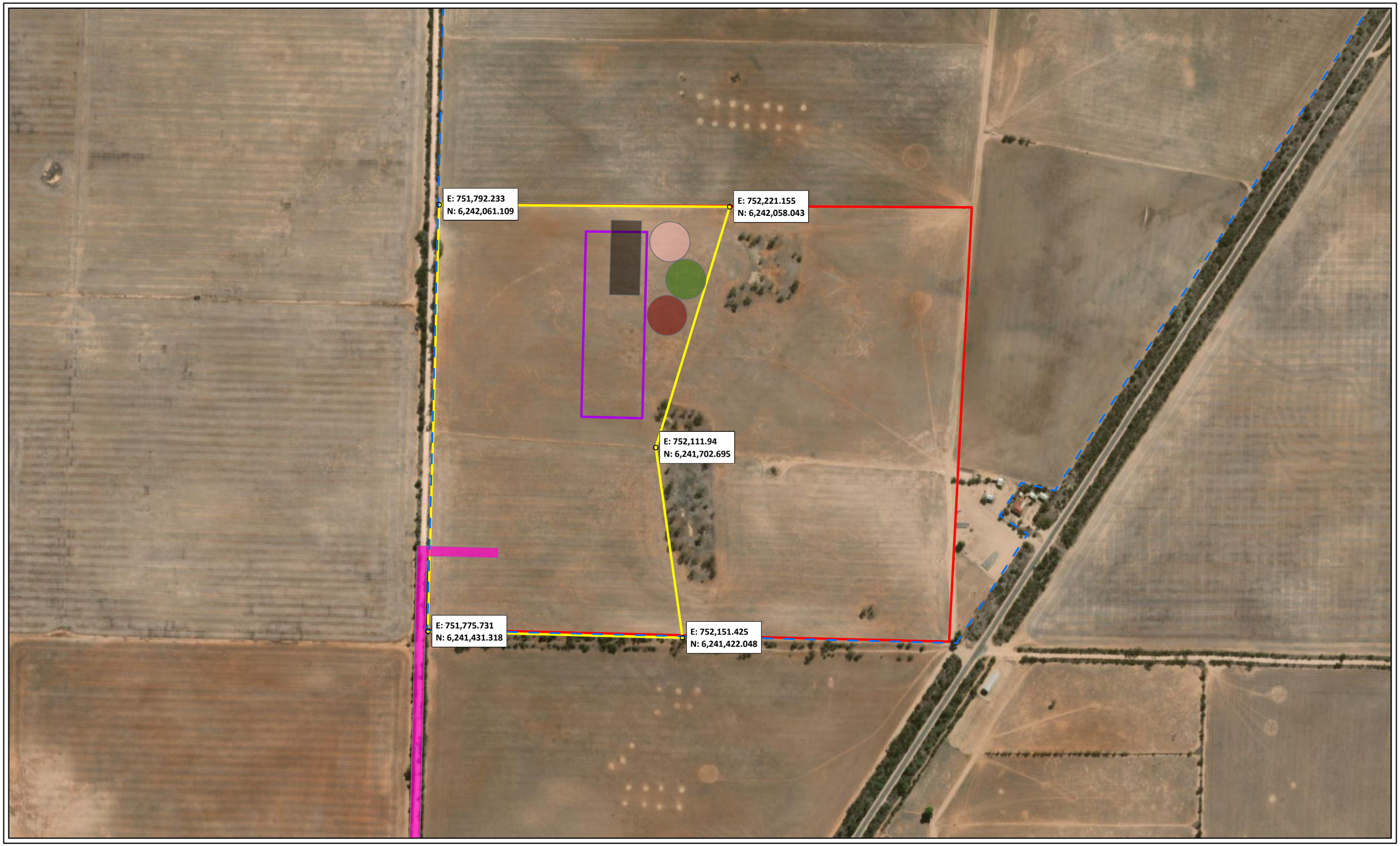
0 362.5 725 1,450 m

Scale A3: 1:50,000

Coordinates: GDA2020 MGA Zone 53

MINE LOCATION

Figure: 1



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Version: 1	Date: 22 Jan 2025

Source: Esri Imagery Basemap.

Legend

- EML 6562
- Parcel Boundary Revised
- Application Area /Deposit Boundary
- Stage 1
- Mobile Plant
- Overburden
- Product Stockpile
- Stockpile Topsoil
- Access Route

N

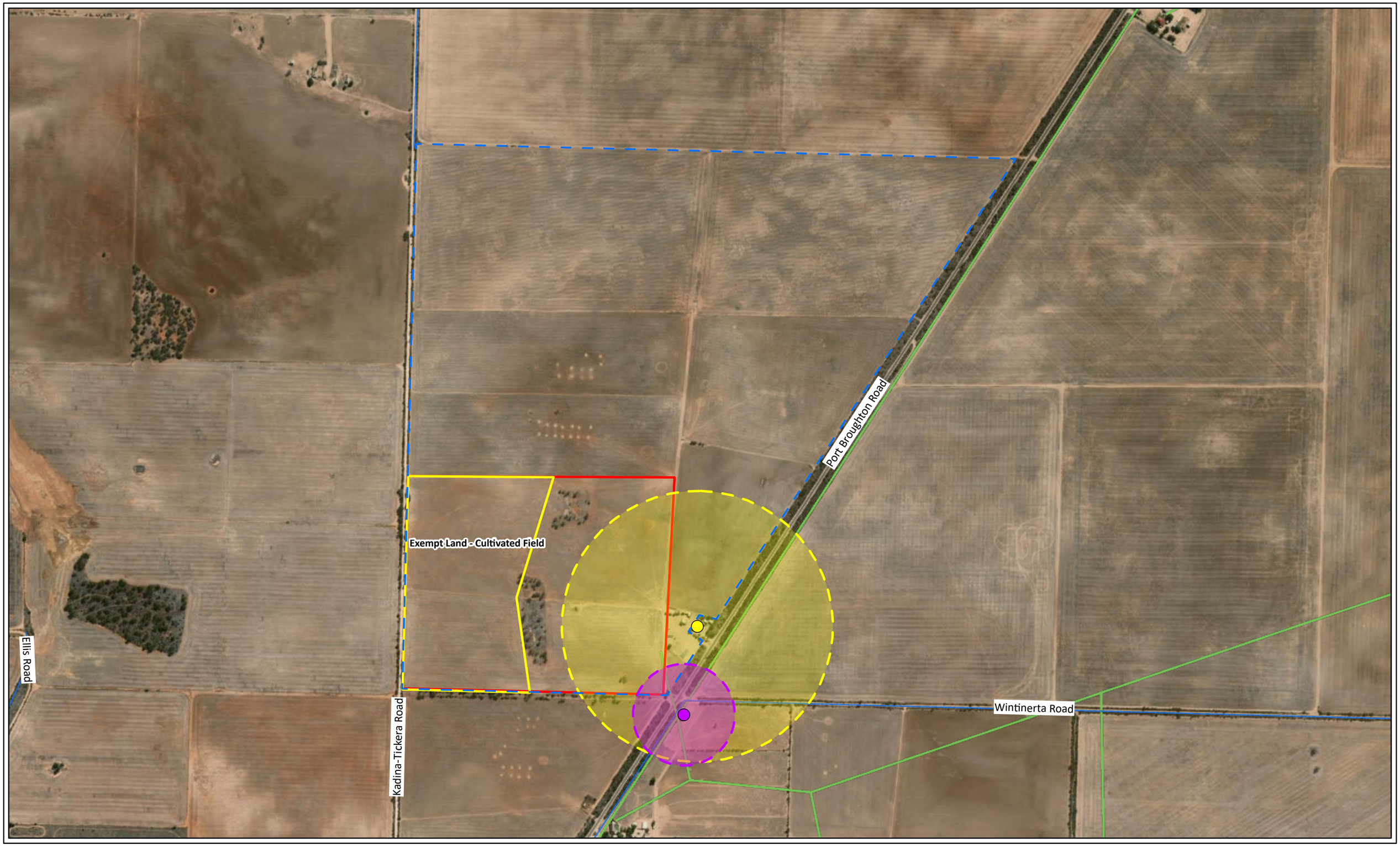
0 35 70 140 m

Scale A3: 1:5,000

Coordinates: GDA2020 MGA Zone 53

PROPOSED MINE LAYOUT

Figure: 2



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Drawn By: AS	Client: Kinesis
Version: 1	Date: 22 Jan 2025

Source: Esri Imagery Basemap.

Legend

- Parcel Boundary
- EML 6562
- Revised Application Area
- Residential Exempt Land Exclusion Zone 400m
- Non-Residential Exempt Land Exclusion Zone 150m
- Landowner with Residence
- Landowner without Residence
- SAPN Power Line
- Water Main

N

0 70 140 280 m

Scale A3: 1:10,000

Coordinates: GDA2020 MGA Zone 53

EXEMPT LAND EXCLUSION ZONES

Figure: 3

DataGrow DESIGN

Project:DGD2024008_Mining_Toole_Kadina	
Location: 3990 Upper Yorke Road, Ninnes, South Australia	
Drawn By: AS	Client: Kinesis
Version: 1	Date: 22 Jan 2025

Source: Esri Imagery Basemap.

Legend

- EML 6562 (1)
- Revised Application Area
- Parcel Boundary (1) Site
- Buffer 5km (1)

Flora

- Aizoaceae (1)
- Asparagaceae (3)
- Asphodelaceae (5)
- Asteraceae (19)
- Brassicaceae (4)
- Casuarinaceae (1)
- Chenopodiaceae (14)
- Cupressaceae (5)
- Fabaceae (30)
- Geraniaceae (1)
- Goodeniaceae (1)
- Lamiaceae (1)
- Loranthaceae (1)
- Myrtaceae (10)
- Nitrariaceae (2)
- Oxalidaceae (4)
- Pinaceae (2)
- Pittosporaceae (3)
- Poaceae (42)
- Rutaceae (2)
- Santalaceae (1)
- Scrophulariaceae (1)
- Solanaceae (1)

Fauna

- Limnodynastidae (3)
- Meliphagidae (1)
- Pardalotidae (1)
- Rallidae (2)
- Unknown (1)

N

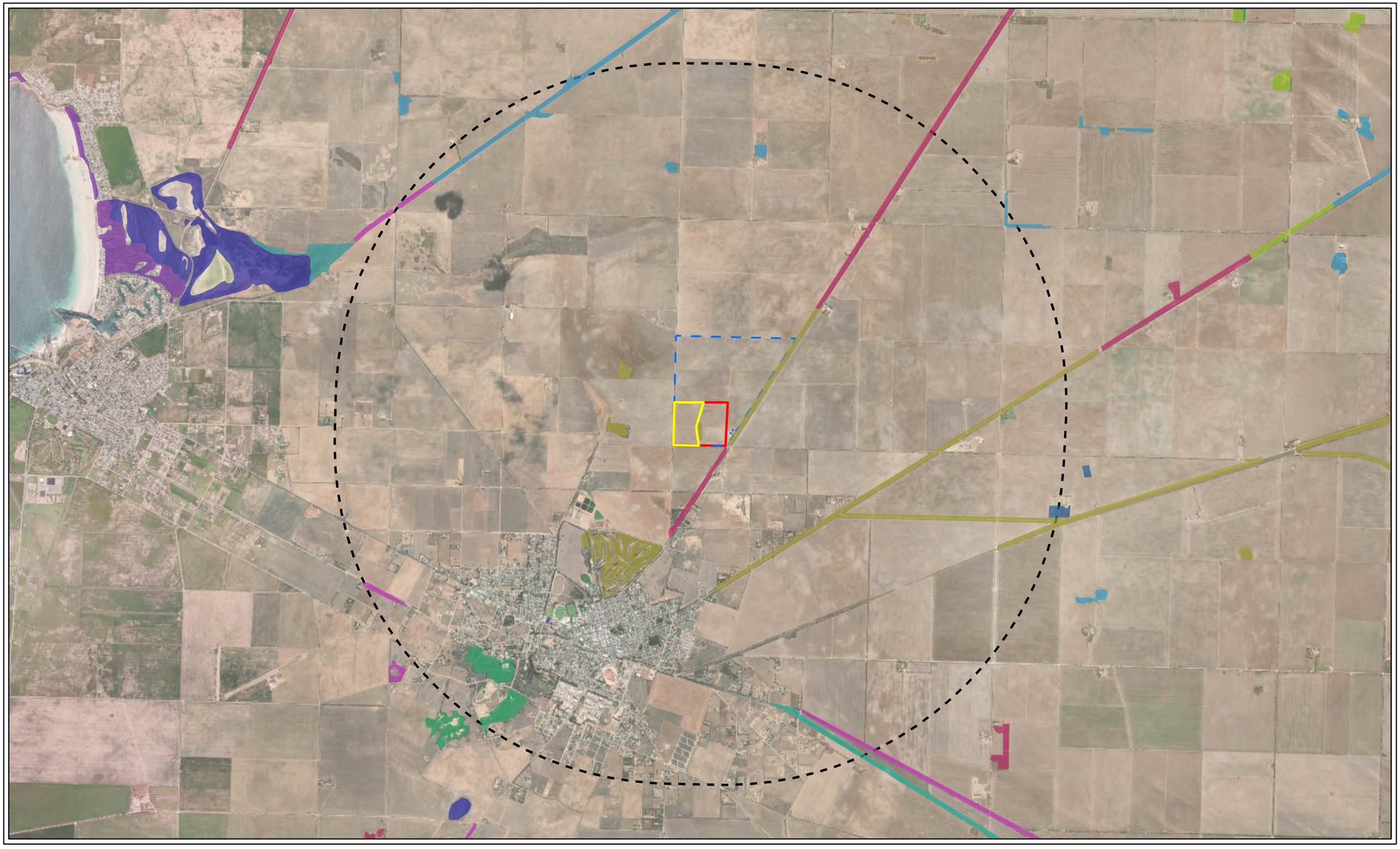
0 362.5 725 1,450 m

Scale A3: 1:50,000

Coordinates: GDA2020 MGA Zone 53

FLORA & FAUNA

Figure: 4



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Version: 1	Date: 22 Jan 2025

Source: Esri Imagery Basemap.

Legend

- EML 6562
- Revised Application Area
- Parcel Boundary
- Site Buffer 5km

Native Vegetation

- Acacia shrubland
- Allocasuarina forest and woodland
- Callitris forest and woodland
- coastal shrubland
- Eucalyptus forest and woodland
- Eucalyptus mallee forest and mallee woodland
- Melaleuca forest and woodland
- samphire shrubland
- shrubland <1m
- shrubland >1m
- Unknown

N

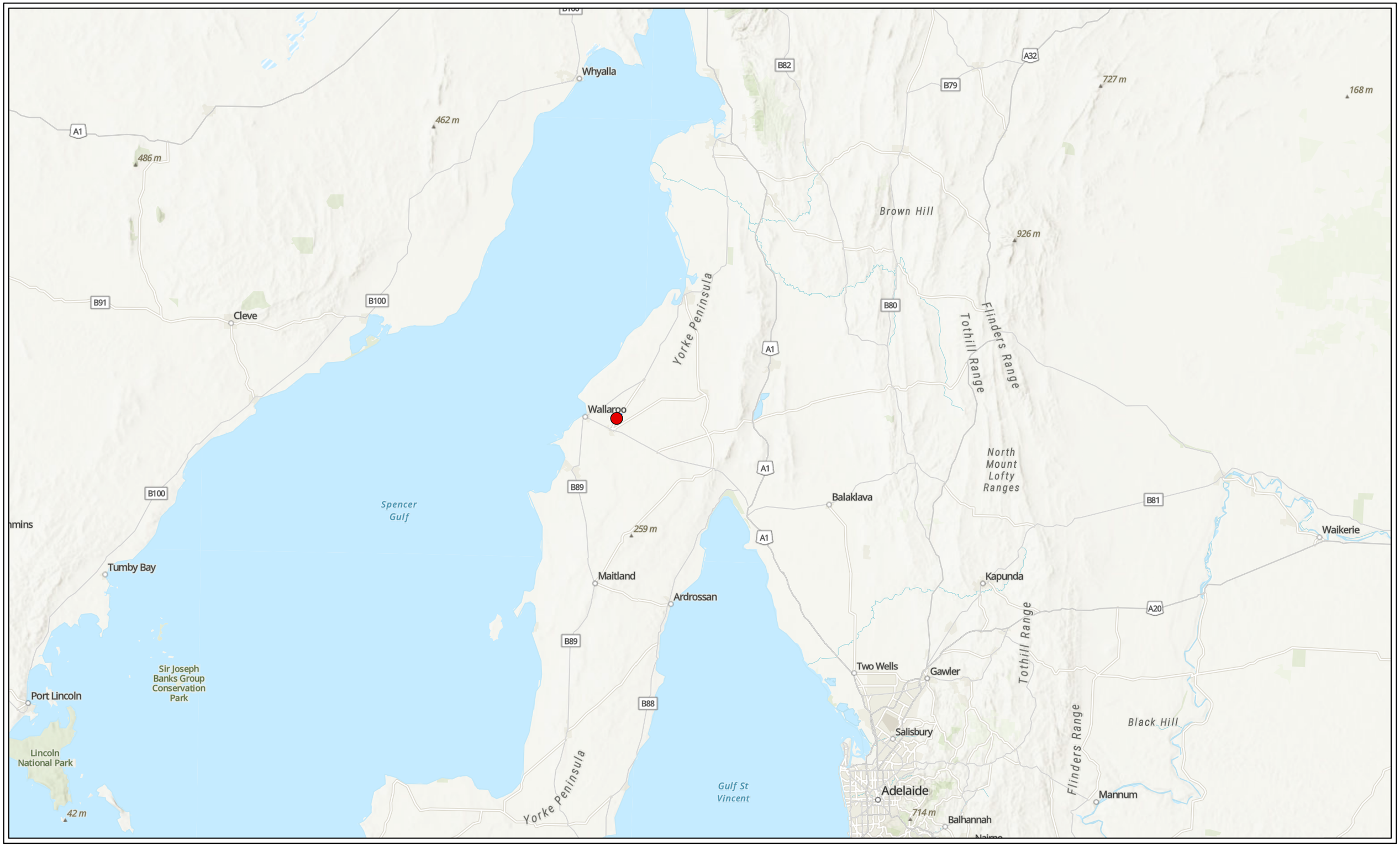
0 362.5 725 1,450 m

Scale A3: 1:50,000

Coordinates: GDA2020 MGA Zone 53

NATIVE VEGETATION

Figure: 5



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Location: 3990 Upper Yorke Road, Ninnes, South Australia	
Drawn By: AS	Client: Kinesis
Version: 1	Date: 22 Jan 2025

Source: Esri Imagery Basemap.

Legend

- EML 6562

N

0 5,000 10,000 20,000

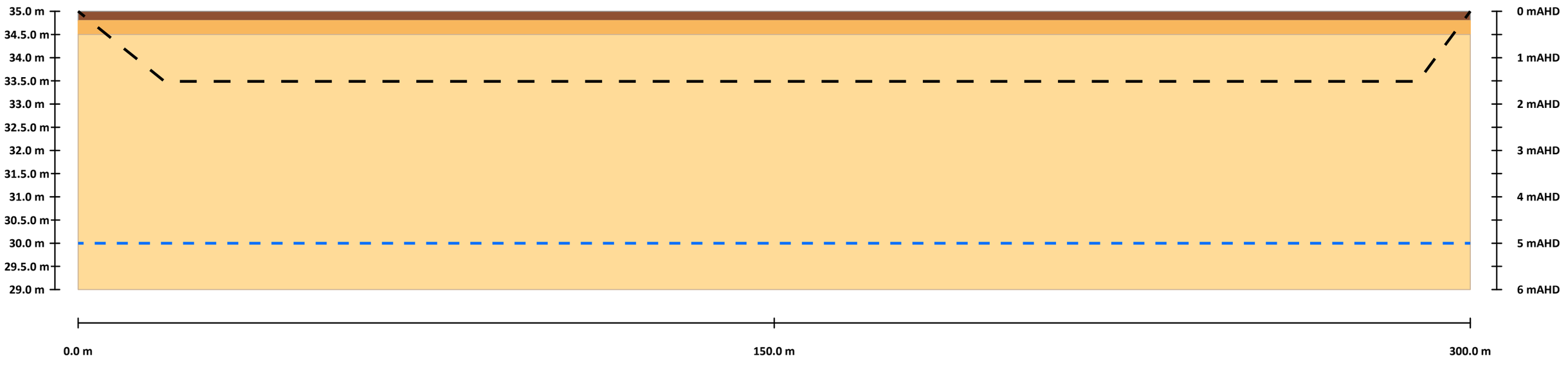
m

Scale A3: 1:1,000,000

Coordinates: GDA2020 MGA Zone 53

IBRA 7.0 REGIONS & SUBREGIONS

Figure: 6



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Location: 3990 Upper Yorke Road, Ninnes, South Australia	
Drawn By: AS	Client: Kinesis
Version: 1	Date: 22 Jan 2025

Source: Esri Imagery Basemap.

Legend

- EML 6562
- Parcel Boundary Revised
- Application Area
- Transect Line
- Groundwater 5 mbgl

Quarry Sequence

- Stage 1
- Stage 2
- Stage 3
- Stage 4
- Stage 5
- Stage 6

Geology

- Topsoil
- Subsoil
- Calcrete

N

0 5 10 20 m

Scale A3: 1:850

Coordinates: GDA2020 MGA Zone 53

QUARRY X-SECTION

Figure: 7

DataGrow DESIGN

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Version: 1	Date: 22 Jan 2025

Source: Esri Imagery Basemap.

Legend

- EML 6562
- Parcel Boundary Revised
- Application Area

Quarry Sequence

- Stage 1
- Stage 2
- Stage 3
- Stage 4
- Stage 5
- Stage 6

N

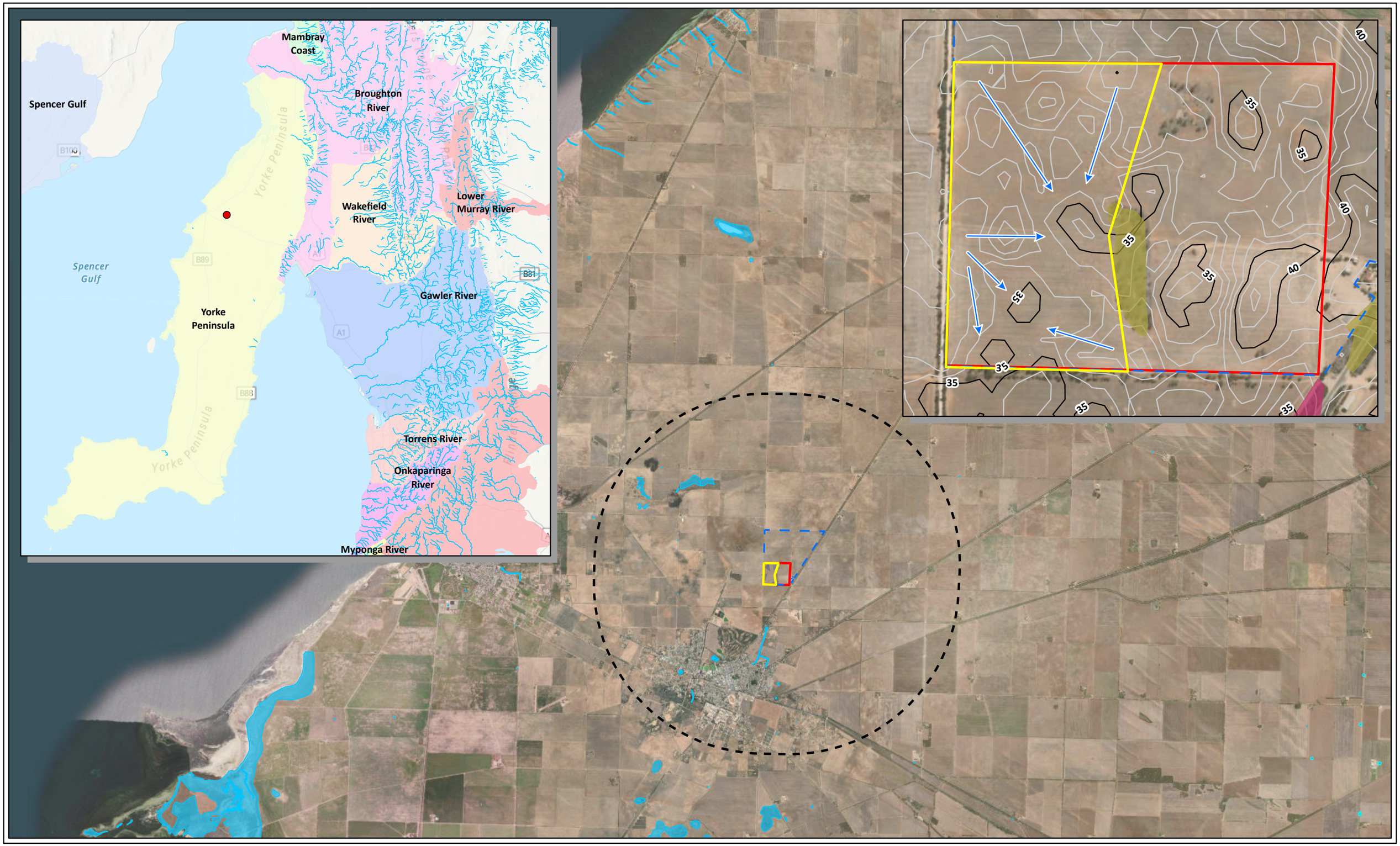
0 35 70 140 m

Scale A3: 1:5,000

Coordinates: GDA2020 MGA Zone 53

QUARRY SEQUENCE

Figure: 8



DataGrow DESIGN

Project:DGD2024008_Mining_Toole_Kadina	
Location: 3990 Upper Yorke Road, Ninnes, South Australia	
Drawn By: AS	Client: Kinesis
Version: 1	Date: 31 Jan 2025

Source: Esri Imagery Basemap.

Legend

- Site Buffer 5km
- Parcel Boundary
- EML 6562
- Revised Application Area
- Waterbody
- Watercourses

Water Catchment

- Broughton River
- Gawler River
- Lower Murray River
- Mambray Coast
- Myponga River
- Onkaparinga River
- Spencer Gulf
- Torrens River
- Wakefield River
- Yorke Peninsula
- Direction of Surface Water Drainage

N

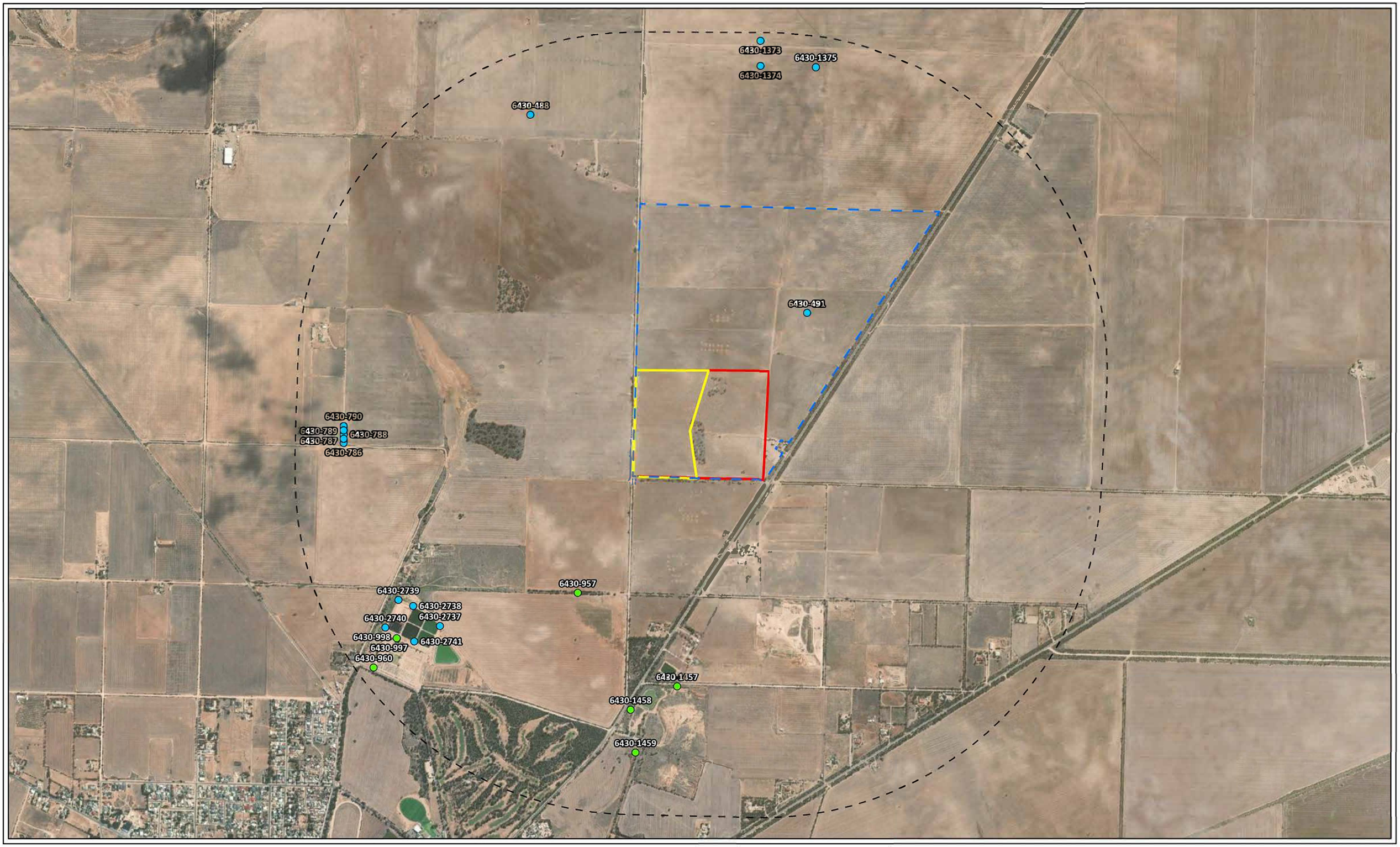
0 0.5 1 2 km

Scale A3: 1:100,000

Coordinates: GDA2020 MGA Zone 53

SURFACE WATER

Figure: 9



DataGrow DESIGN

Project:DGD2024008_Mining_Toole_Kadina	
Location: 3990 Upper Yorke Road, Ninnes, South Australia	
Drawn By: AS	Client: Kinesis
Version: 1	Date: 31 Jan 2025
Source: Esri Imagery Basemap.	

Legend

- E ML 6562
- Revised Application Area
- Parcel Boundary
- Site Buffer 2km

Groundwater Bore

- Bores used to determine seasonally high water table
- Other Bores (15)

N

0 145 290 580 m

Scale A3: 1:20,000

Coordinates: GDA2020 MGA Zone 53

GROUNDWATER WELL LOCATIONS WITHIN 2km

Figure: 10

DataGrow DESIGN

Project:DGD2024008_Mining_Toole_Kadina

Location: 3990 Upper Yorke Road,
Ninnes, South Australia

Drawn By: AS | Client: Kinesis

Version: 1 | Date: 22 Jan 2025

Source: Esri Imagery Basemap.

Legend

- EML 6562
- Parcel Boundary
- Deposit Boundary
- Batter 1:3

N

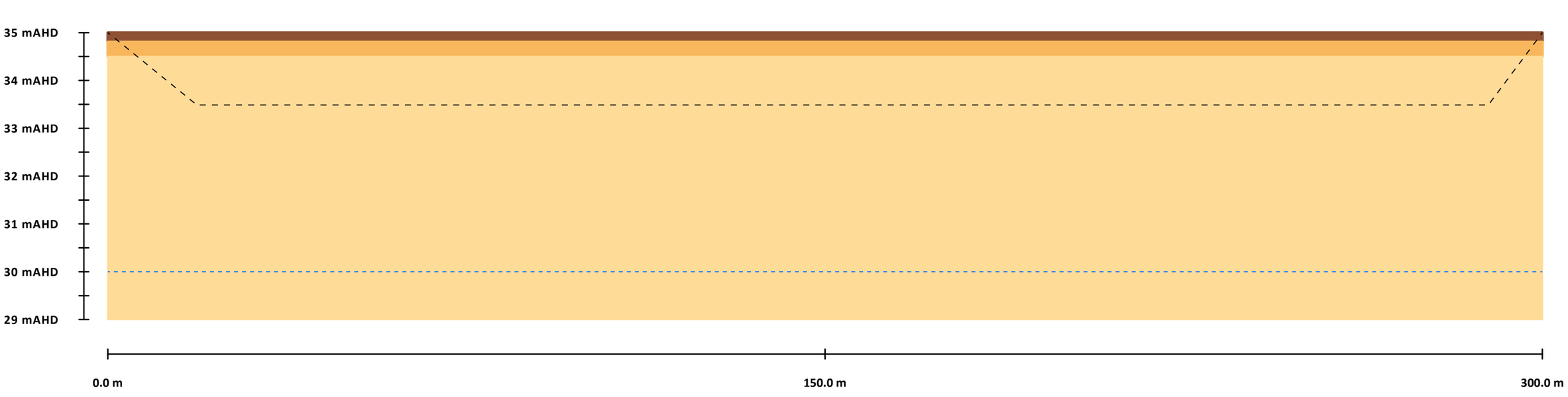
0 35 70 140 m

Scale A3: 1:5,000

Coordinates: GDA2020 MGA Zone 53

PROPOSED FINAL LANDFORM

Figure: 11



DataGrow DESIGN

Project:DGD2024008_Mining_Toole_Kadina	
Location: 3990 Upper Yorke Road, Ninnes, South Australia	
Drawn By: AS	Client: Kinesis
Version: 1	Date: 22 Jan 2025

Source: Esri Imagery Basemap.

Legend

- EML 6562
- Parcel Boundary
- Revised Application Area
- Transect Line
- Groundwater 5 mbgl

Quarry Sequence

- Stage 1
- Stage 2
- Stage 3
- Stage 4
- Stage 5
- Stage 6

Geology

- Topsoil
- Subsoil
- Calcrete

N

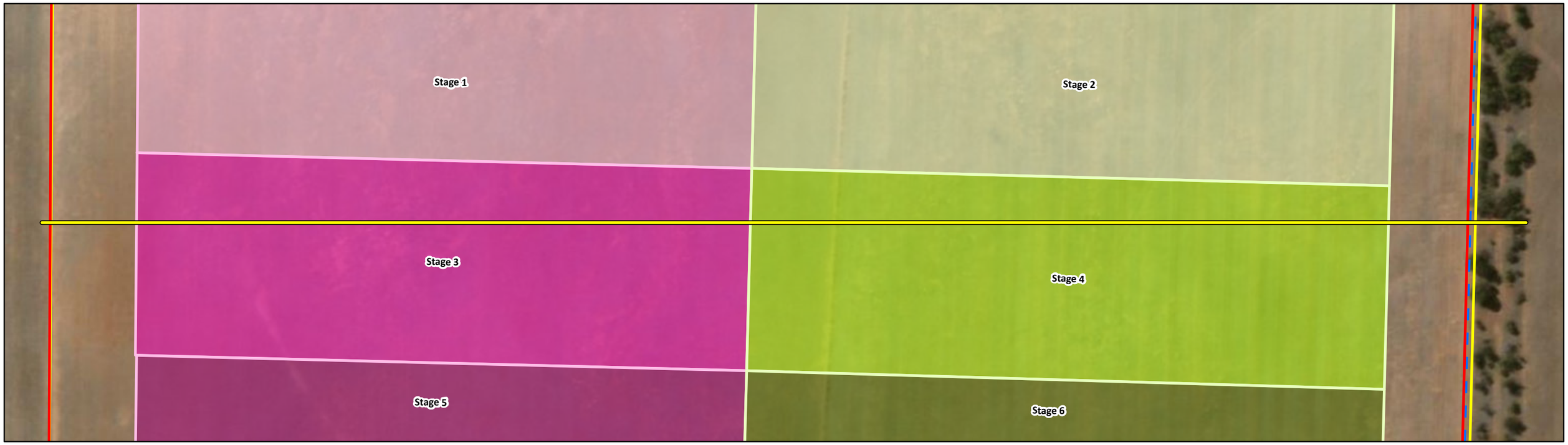
0 5 10 20 m

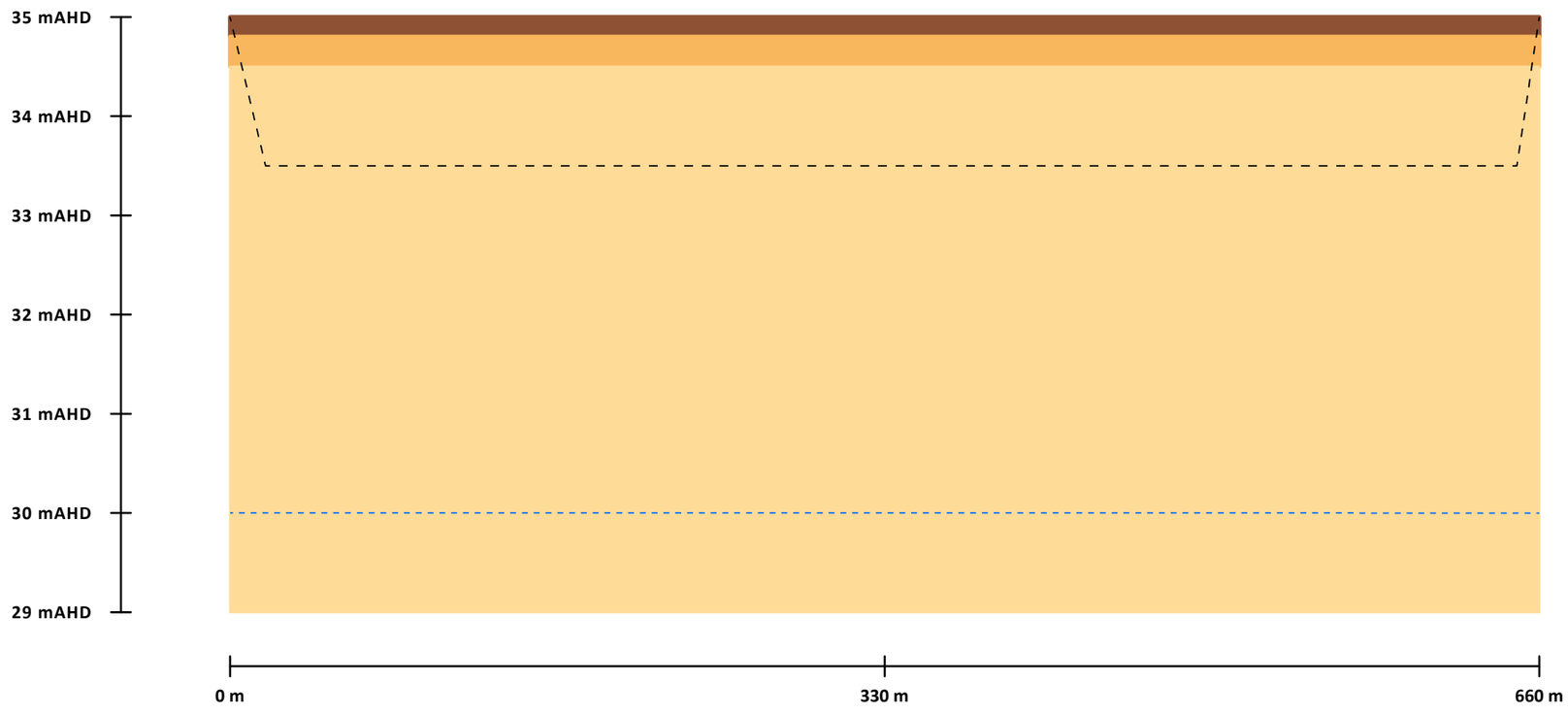
Scale A3: 1:850

Coordinates: GDA2020 MGA Zone 53

QUARRY X-SECTION WEST TO EAST

Figure: 12





DataGrow DESIGN

Project:DGD2024008_Mining_Toole_Kadina	
Location: 3990 Upper Yorke Road, Ninnes, South Australia	
Drawn By: AS	Client: Kinesis
Version: 1	Date: 22 Jan 2025

Source: Esri Imagery Basemap.

Legend

- EML 6562
- Parcel Boundary
- Deposit Boundary
- Transect Line
- Groundwater 5 mbgl

Quarry Sequence
- Stage 1
- Stage 2
- Stage 3
- Stage 4
- Stage 5
- Stage 6

Geology
- Topsoil
- Subsoil
- Calcrete

N

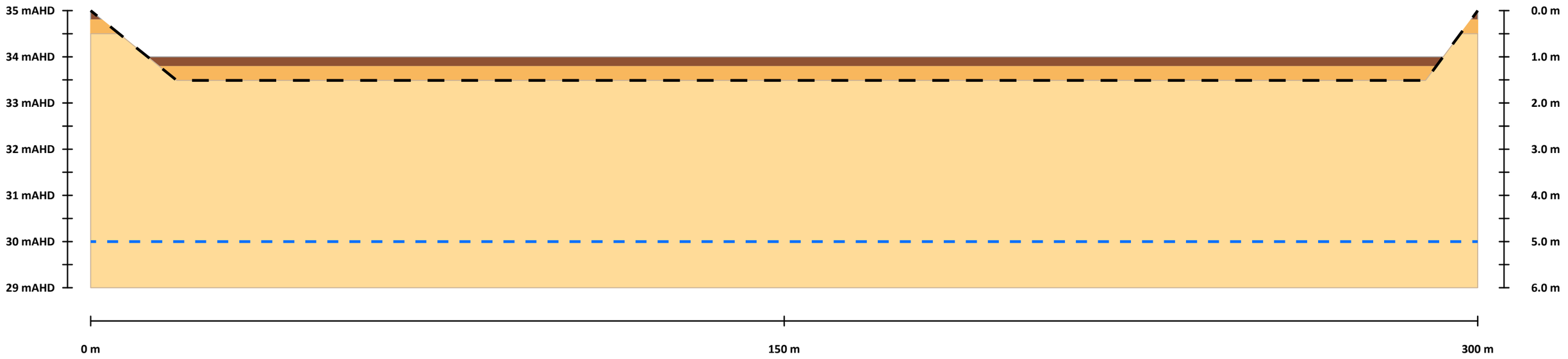
0 10 20 40 m

Scale A3: 1:1,700

Coordinates: GDA2020 MGA Zone 53

QUARRY X-SECTION NORTH SOUTH

Figure: 13



DataGrow DESIGN

Project:DGD2024008_Mining_Toole_Kadina	
Location: 3990 Upper Yorke Road, Ninnes, South Australia	
Drawn By: AS	Client: Kinesis
Version: 1	Date: 22 Jan 2025

Source: Esri Imagery Basemap.

Legend

- EML 6562
- Parcel Boundary
- Deposit Boundary
- Batter 1:3 Transect
- Line Groundwater 5
- mbgl

Geology
- Topsoil
- Subsoil
- Calcrete

Quarry Sequence
- Stage 1
- Stage 2
- Stage 3
- Stage 4
- Stage 5
- Stage 6

N

0 5 10 20 m

Scale A3: 1:850

Coordinates: GDA2020 MGA Zone 53

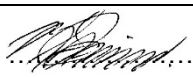
QUARRY REHABILITATION X-SECTION

Figure: 14

Section 8: Tenement Holder Declaration

This declaration must be signed by all tenement holders.

☒ We/ I have taken reasonable steps to review the information to ensure its accuracy and all statements made and information given in this application is true and correct.

Signature:  .....

Print name: Mark Skinner

Date: 27th June 2025

Position: Managing Director

Appendix 1 – Native Vegetation Assessment and Native Vegetation Management Plan

If native vegetation will be cleared, please provide the native vegetation assessment undertaken by a Native Vegetation Council Accredited Consultant.

If the Significant Environmental Benefit (SEB) will be met via provided an on ground off-set, please provide a Native Vegetation Management Plan

Not required