



Annual Compliance Report



EPBC 2012/6472

Austsand Mining

24 December 2025

→ **The Power of Commitment**



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1. Introduction

1.1 Background

In 2012, TT Sands Pty Ltd, trading as AustSand Mining (AustSand) submitted a referral under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) for their Mindijup Silica Sand Mine at Lot 5 on Diagram 62329 (570 Mindijup Road), Palmdale, approximately 40 km north-east of Albany.

The proposed action is: *To clear native vegetation for the extension of silica sand mining on the Mindijup Mine Lease (M70/M793), 40 km north-east of Albany, Western Australia.* The project was approved under the EPBC Act on 27 May 2013 (EPBC 2012/6472). A copy of the approval is included in Appendix A.

1.2 Purpose of this report

This report has been prepared by GHD Pty Ltd (GHD) on behalf of AustSand to demonstrate adherence to conditions of approval granted under the EPBC Act (EPBC 2012/6472) as required under Condition 9 of the above approval, from 1 January 2025 to 31 December 2025.

1.3 Compliance summary

This report provides compliance reporting for EPBC 2012/6472. Under this approval there are 13 conditions with reporting requirements. AustSand was compliant with all conditions listed under EPBC 2012/6472, from 1 January 2025 to 31 December 2025.

1.4 Scope and limitations

This report: has been prepared by GHD for Austsand Mining and may only be used and relied on by Austsand Mining for the purpose agreed between GHD and Austsand Mining as set out in section 1.2 of this report.

GHD otherwise disclaims responsibility to any person other than Austsand Mining arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.

GHD has prepared this report on the basis of information provided by AustSand Mining and others who provided information to GHD (including Government authorities)], which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the report which were caused by errors or omissions in that information.

The opinions, conclusions and any recommendations in this report are based on information obtained from, and testing undertaken at or in connection with, specific sample points. Site conditions at other parts of the site may be different from the site conditions found at the specific sample points.

Investigations undertaken in respect of this report are constrained by the particular site conditions, such as the location of buildings, services and vegetation. As a result, not all relevant site features and conditions may have been identified in this report.

Site conditions (including the presence of hazardous substances and/or site contamination) may change after the date of this Report. GHD does not accept responsibility arising from, or in connection with, any change to the site conditions. GHD is also not responsible for updating this report if the site conditions change.

2. Conditions

2.1 Condition 1

The person taking the action must not clear more than 70 ha of native vegetation within the project area. Clearing must not occur within the 'Site Boundary Buffer (100 m)' identified in Attachment A.

Response: The total area of clearing to date is 48.4264 ha (6 ha in each of 2016, 2017, 2018, 2019, 2020 and 2021, with no clearing undertaken in 2022, 2.7055 ha in 2023, 5.8566 ha in 2024 and 3.8643 ha in 2025), as shown in Figure 1, Appendix B. The boundary of the clearing is surveyed on a yearly basis by Harley Dykstra licenced surveyors and compared to approved clearing boundary areas (Appendix C). This survey indicates that all clearing has been undertaken within the approved area and no clearing has occurred within the Site Boundary Buffer identified in EPBC 2012/6472 (Appendix A).

2.2 Condition 2

To avoid potential impacts to Black Cockatoos, the person taking the action must not undertake any clearing within a 150 m radius of any Black Cockatoo roosting trees identified in Attachment A.

Response: All clearing has been undertaken within the approved area and no clearing has taken place within a 150 m radius of Black Cockatoo roosting trees identified in EPBC 2012/6472 (Appendix A) and Figure 1, Appendix B.

2.3 Condition 3

To avoid potential impacts to Black Cockatoos, the person taking the action must not clear any remnant vegetation within the 25.36 ha 'Wetland area' in the south west corner of the project area identified in Attachment A.

Response: No clearing has taken place within the 'Wetland area' located within the south west corner of the project area, identified in EPBC 2012/6472 (Appendix A) and Figure 1, Appendix B.

2.4 Condition 4

*To prevent the occurrence of Dieback (*Phytophthora cinnamomi*) on site and to mitigate potential impacts to Black Cockatoo roosting habitat to be retained within the Project Area, the person taking the action must ensure that all vehicles being used during operation of the quarry that have come from a Dieback affected area must be washed down prior to entering the project area in accordance with WA DEC best practice guidelines for the management of *Phytophthora cinnamomi*.*

Response: Mobile machinery used in all clearing works were visually inspected prior to being used on site and removed from site. Weed and Seed Certificates are completed for clearing events between 1 to 3 December 2025 and are held on file by AustSands.

Dieback surveys were completed for the mine and rehabilitation areas during September and October 2022 and a report and management plan were prepared by Great Southern Biologic in February 2023 (Great Southern Bio Logic, 2023).

Great Southern Bio Logic Pty Ltd undertook a re-check survey of *Phytophthora* Dieback occurrence data across areas of remnant vegetation in January 2024 and August 2025 (Great Southern Bio Logic, 2024; 2025). The survey included infestations intersecting the mine sites perimeter firebreak and future vegetation programmed to be cleared.

Areas of dieback infestations were disturbed in the 2025 clearing, with weed and seed hygiene certificates completed for plant mobilisations, as per the Site Contractor Hygiene Procedure. Current dieback areas are mapped on the Site Plan (Appendix C).

2.5 Condition 5

To mitigate impacts to Black Cockatoos, the person taking the action must prepare and submit a Rehabilitation and Mine Closure Plan (RMCP). The RMCP must include, but not be limited to:

- a. Details of progressive rehabilitation measures for each cell of annual clearing. These details should include; commencement timeframes, species to be utilised, stocking rates, measures to be utilised to ensure success, success targets, contingency measures in the case of not meeting targets and monitoring requirements;
- b. Measures to exclude weeds and feral animals from rehabilitation areas;
- c. Details of rehabilitation and revegetation measures following the completion of mining operations;
- d. Strategies to prevent the spread of Dieback;
- e. Maps showing where key rehabilitation work is to occur;
- f. Timeframes for the implementation and completion of the above measures or strategies;
- g. Details of monitoring and contingency measures if the performance indicators are not met; and,
- h. Roles and responsibilities of personnel associated with implementing each of the above measures.

The RMCP must be submitted to the Department within 12 months of the commencement of mining operations. If the Minister approves the RMCP, the approved RMCP must be implemented.

Response: AustSand Mining, Rehabilitation and Mine Closure Plan (RMCP) (GHD, 2017) was approved by the then Department of the Environment and Energy (now Department of Climate Change, Energy, the Environment and Water (DCCEEW)) on the 10 May 2017 (Appendix D). Across the entire Mindijup site approximately 81.3682 ha of rehabilitation has been undertaken. Of this, 48.4264 ha has been cleared within the EPBC 2012/6472 approval area and approximately 21.1978 ha has undergone rehabilitation (Figure 1, Appendix B).

Rehabilitation has been undertaken, within the EPBC approval area, in 2017, 2019, 2021, 2023, 2024 and 2025 (no rehabilitation was undertaken in 2022).

As part of the commitment to progressive rehabilitation of the site, the following works have been carried out in accordance with the approved RMCP (GHD, 2017):

- Progressive rehabilitation measures:
 - Stockpiling of topsoil, subsoil and vegetation material
- Strategies to prevent the spread of Dieback:
 - Earthmoving machinery was cleaned prior to access to the site
 - Clean-down certificates were completed and kept as a record of machinery condition on entering site
 - The movement of machines and other vehicles was restricted to the limits of the areas to be cleared
 - Areas of dieback infestations were disturbed in the 2025 clearing, with weed and seed hygiene certificates completed for plant mobilisations, as per the Site Contractor Hygiene Procedure. Note dieback areas are mapped on the Site Plan, with a validation surveys completed in 2024 and 2025 (original surveys completed September–October 2022).
 - Woody weed control of *Acacia longifolia* (Sydney Golden Wattle) and *Gaudium laevigatum* (Victorian tea-tree) has been undertaken in the area north of the screening plant within the rehabilitation areas and along the external boundary on the perimeter.

Monitoring quadrats were established within the 2017 and 2018 rehabilitation areas in October 2021 and within 2020 rehabilitation area in September 2023. Biennial rehabilitation monitoring was undertaken in September 2025, with the report of monitoring results currently pending at the time of this report.

A summary of the previous 2023 rehabilitation monitoring report high species diversity and difficult-to-grow species, such as epicormics, were recorded throughout the rehabilitation area. The cover has generally increased within the ground and shrub layers. Key species in each structural layer, including Eucalypts, Allocasuarina and Banksia in the upper storey, were present; however, plant cover was below interim target levels, but is expected to increase in time to meet the target (GHD, 2024). The species diversity and weed coverage interim targets are being met at all monitoring sites (Table 1). Corrective actions include ongoing measures for direct seeding of Allocasuarina and Banksia species to increase the density of upper storey species. In 2023, the density of Black Cockatoo tree species was below the RMCP interim target of two plants per quadrat. Fertilising, direct seeding and

infill planting was completed to address these targets and includes fertilising, direct seeding and planted tube stock in the 2014 and 2015 rehabilitation areas.

In the current reporting period, AustSands has undertaken additional fertilising, direct seeding and infill planting throughout existing rehabilitation areas to support targets. This includes winter-time direct seeding to the southern section of 2023 rehabilitation areas and planted tube stock in the 2021 and 2020 rehabilitation areas (directly east of the nature strip).

Table 1 Rehabilitation results 2023 monitoring

Rehabilitation Age	Quadrat	Species Diversity Target (27 taxa)	Cover target mid layer (17.5 %)	Cover target ground layer (30 %)	Weed cover (< 5%)	Black Cockatoo – 2 plants
3	MQ21	39	6	14	0	0
5	MQ22	39	5	12	<1 (1 plant)	0
	MQ19	33	4	15	<1 (2 plant)	7
	MQ18	30	5	16	0	0
6	MQ17	31	2	15	<1 (1 plant)	0
	MQ16	27	4	8	<1 (1 plant)	0

Note: Green indicates criteria has been met and orange indicates the criteria has not yet been met.

2.6 Condition 6

To offset the loss of habitat for Black Cockatoos, prior to the commencement of mining operations, the person taking the action must provide the Department with written evidence of provision of funds to WA DEC for the acquisition of the offset property. The written evidence must include a description and map clearing defining the location and boundaries of the offset property and be accompanied with the offset attributes. The person taking the action must provide the Department with written evidence that an area of no less than 600 ha of Lot 51 on Deposited Plan 38521, Branson Road, Takalarup, WA, has been attributed as an offset for this action. The person taking the action must inform the Department how much of this property remains unattributed to any action for the purpose of offsetting.

Response: AustSand submitted an Offset Proposal to the Department of the Environment and Energy in December 2012, providing information relating to the acquisition of an offset property at Lot 51 in Branson Road, Takalarup. The offset property was purchased by AustSand and is now held in the name of the State of Western Australia and is being managed as a nature reserve by the Department of Biodiversity, Conservation and Attractions (Parks and Wildlife Service).

2.7 Condition 7

Within 30 days after the commencement of the action, the person taking the action must advise the Department in writing of the actual date of commencement.

Response: Notification of commencement of the action was provided to the Department of the Environment and Energy in writing on 22 February 2016. The action (native vegetation clearing) commenced on 8 February 2016.

2.8 Condition 8

The person taking the action must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement the RMCP required by this approval, and make them available upon request to the Department. Such records may be subject to audit by the Department or an independent auditor in accordance with section 458 or the EPBC Act, or used to verify compliance with the conditions of approval. Summaries of audits will be posted on the Department's website. The results of audits may also be publicised through the general media.

Response: Clearing records and survey data are maintained by AustSand and are available upon request. A copy of the 2025 mine plan is included in Appendix C. The cleared area for the current mine cell is active.

2.9 Condition 9

By 31 December of each year after the commencement of the action, the person taking the action must publish a report on their website addressing compliance with the conditions of this approval over the previous 12 months, including implementation of any management plans as specified in the conditions. Non-compliance with any of the conditions of this approval must be reported to the Department at the same time as the compliance report is published.

Response: This report serves to fulfil the requirements of Condition 9.

2.10 Condition 10

If the person taking the action wishes to carry out any activity otherwise than in accordance with the RMCP as specified in the conditions, the person taking the action must submit to the Department for the Minister's written approval a revised version of that RMCP. The varied activity shall not commence until the Minister has approved the varied RMCP in writing. The Minister will not approve a varied RMCP unless the revised RMCP would result in an equivalent or improved environmental outcome over time. If the Minister approves the revised RMCP, that RMCP must be implemented in place of the RMCP originally approved.

Response: The RMCP (GHD, 2017) was approved by the then Department of the Environment and Energy (now DCCEE) on the 10 May 2017. AustSands do not propose any changes to the approved RMCP (GHD, 2017).

2.11 Condition 11

If the Minister believes that it is necessary or convenient for the better protection of listed threatened species to do so, the Minister may request that the person taking the action make specified revisions to the RMCP specified in the conditions and submit the revised RMCP for the Minister's written approval. The person taking the action must comply with any such request. The revised approved RMCP must be implemented. Unless the Minister has approved the revised RMCP, then the person taking the action must continue to implement the RMCP originally approved, as specified in the conditions.

Response: No changes to the approved RMCP (GHD, 2017) have been requested by the Minister.

2.12 Condition 12

If, at any time after five (5) years from the date of this approval, the person taking the action has not substantially commenced the action, then the person taking the action must not substantially commence mining operations associated with this action without the written agreement of the Minister.

Response: The action was commenced on 8 February 2016.

2.13 Condition 13

Unless otherwise agreed to in writing by the Minister, the person taking the action must provide a copy of each approved RMCP referred to in these conditions of approval to members of the public upon request. Copies must be provided within a reasonable time of the request.

Response: AustSand will maintain copies of each approved RMCP and will make copies available to members of the public upon request. No requests have been received for copies of the RMCP.

3. References

- GHD. (2017). *Mindijup Silica Sand Mine, Rehabilitation and Mine Closure Plan*. Unpublished report prepared for AustSand Mining.
- GHD. (2024). *Mindijup Silica Sand Project - Rehabilitation Monitoring 2023*. Unpublished report prepared for AustSand Mining.
- Great Southern Bio Logic. (2023). *Phytophthora Dieback Management Plan AustSand Mining - Palmdale*. Unpublished report prepared for AustSand Mining.
- Great Southern Bio Logic. (2024). *2024 Phytophthora Dieback occurrence recheck survey across the AustSand*. Unpublished report prepared for AustSand Mining.
- Great Southern Bio Logic. (2025). *2025 Phytophthora Dieback occurrence recheck survey across the AustSand Mining Site – Palmdale Rd*. Unpublished report prepared for AustSand Mining. Unpublished report prepared for AustSand Mining.

Appendices

Appendix A

EPBC Approval (EPBC 2012/6472)



Approval

Extension of existing Silica Sand Mine, Mindijup, 40 km north-east of Albany, WA (EPBC 2012/6472)

This decision is made under sections 130(1) and 133 of the *Environment Protection and Biodiversity Conservation Act 1999*.

Proposed action

person to whom the approval is granted TT Sands Pty Ltd (trading as Austsand Mining)

proponent's ACN (if applicable) ACN: 064 072 322

proposed action To clear native vegetation for the extension of silica sand mining on the Mindijup Mine Lease (M70/M793), 40 km north-east of Albany, Western Australia [See EPBC Act referral 2012/6472].

Approval decision

Controlling Provision	Decision
Listed threatened species and communities (sections 18 & 18A)	Approved

conditions of approval

This approval is subject to the conditions specified below.

expiry date of approval

This approval has effect until 31 December 2031

Decision-maker

name and position Barbara Jones
Assistant Secretary
North, West and Offshore Assessment Branch

signature

date of decision 27 May 2013

Conditions attached to the approval

1. The person taking the action must not **clear** more than 70 ha of native vegetation within the **project area**. **Clearing** must not occur within the 'Site Boundary Buffer (100m)' identified at Attachment A.
2. To avoid potential impacts to **Black Cockatoos**, the person taking the action must not undertake any **clearing** within a 150 m radius of any **Black Cockatoo roosting trees** identified at Attachment A.
3. To avoid potential impacts to **Black Cockatoos**, the person taking the action must not **clear any remnant vegetation** within the 25.36 ha 'Wetland area' in the south west corner of the **project area** identified at Attachment A.
4. To prevent the occurrence of **Dieback** (*Phytophthora cinnamomi*) on site and to mitigate potential impacts to **Black Cockatoo roosting habitat** to be retained within the **Project Area**, the person taking the action must ensure that all vehicles being used during **operation** of the quarry that have come from a **Dieback** affected area be washed down prior to entering the **project area** in accordance with **WA DEC** best practice guidelines for the management of *Phytophthora cinnamomi*.
5. To mitigate impacts to **Black Cockatoos**, the person taking the action must prepare and submit a Rehabilitation and Mine Closure Plan (RMCP). The RMCP must include, but not be limited to:
 - a. details of progressive rehabilitation measures for each cell of annual clearing. These details should include; commencement timeframes, species to be utilised, stocking rates, measures to be utilised to ensure success, success targets, contingency measures in the case of not meeting targets and monitoring requirements;
 - b. measures to exclude weeds and feral animals from rehabilitation areas;
 - c. details of rehabilitation and revegetation measures following the completion of mining operations;
 - d. strategies to prevent the spread of Dieback;
 - e. maps showing where key rehabilitation work is to occur;
 - f. timeframes for the implementation and completion of the above measures or strategies;
 - g. details of monitoring and contingency measures if performance indicators are not met; and,
 - h. roles and responsibilities of personnel associated with implementing each of the above measures.

The RMCP must be submitted to the **Department** within 12 months of the **commencement** of mining operations. If the **Minister** approves the RMCP, the approved RMCP must be implemented.

6. To offset the loss of habitat for **Black Cockatoos**, prior to the commencement of mining **operations**, the person taking the action must provide the **Department** with written evidence of the provision of funds to **WA DEC** for the acquisition of the **offset property**. The written evidence must include a description and map clearly defining the location and

boundaries of the **offset property** and be accompanied with the **offset attributes**. The person taking the action must provide **the Department** with written evidence that an area of no less than 600 ha of Lot 51 on Deposited Plan 38521, Branson Road, Takalarup, WA, has been attributed as an offset for this action. The person taking the action must inform **the Department** how much of this property remains unattributed to any action for the purpose of offsetting.

7. Within 30 days after the **commencement** of the action, the person taking the action must advise **the Department** in writing of the actual date of commencement.
8. The person taking the action must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement the RMCP required by this approval, and make them available upon request to **the Department**. Such records may be subject to audit by **the Department** or an independent auditor in accordance with section 458 of the EPBC Act, or used to verify compliance with the conditions of approval. Summaries of audits will be posted on **the Department's** website. The results of audits may also be publicised through the general media.
9. By 31 December of each year after the **commencement** of the action, the person taking the action must publish a report on their website addressing compliance with the conditions of this approval over the previous 12 months, including implementation of any management plans as specified in the conditions. Non-compliance with any of the conditions of this approval must be reported to **the Department** at the same time as the compliance report is published.
10. If the person taking the action wishes to carry out any activity otherwise than in accordance with the RMCP as specified in the conditions, the person taking the action must submit to the department for **the Minister's** written approval a revised version of that RMCP. The varied activity shall not commence until **the Minister** has approved the varied RMCP in writing. **The Minister** will not approve a varied RMCP unless the revised RMCP would result in an equivalent or improved environmental outcome over time. If **the Minister** approves the revised RMCP, that RMCP must be implemented in place of the RMCP originally approved.
11. If **the Minister** believes that it is necessary or convenient for the better protection of listed threatened species to do so, **the Minister** may request that the person taking the action make specified revisions to the RMCP specified in the conditions and submit the revised RMCP for **the Minister's** written approval. The person taking the action must comply with any such request. The revised approved RMCP must be implemented. Unless **the Minister** has approved the revised RMCP, then the person taking the action must continue to implement the RMCP originally approved, as specified in the conditions.
12. If, at any time after five (5) years from the date of this approval, the person taking the action has not substantially commenced the action, then the person taking the action must not substantially commence mining **operations** associated with this action without the written agreement of **the Minister**.
13. Unless otherwise agreed to in writing by **the Minister**, the person taking the action must provide a copy of each approved RMCP referred to in these conditions of approval to members of the public upon request. Copies must be provided within a reasonable time of the request.

Definitions

Black Cockatoos is defined as the endangered Carnaby's Black-Cockatoo (*Calyptorhynchus latirostris*), the vulnerable Baudin's Black-Cockatoo (*Calyptorhynchus baudinii*) and the vulnerable Forest Red-tailed Black-Cockatoo (*Calyptorhynchus banksii naso*).

Black Cockatoo roosting trees are located within the remnant wetland vegetation in the south eastern corner of the project area. The trees are individually marked as 'Roosting Site' at Attachment A.

Clear or Clearing is defined as the cutting down, felling, thinning, logging, removing, killing, destroying, poisoning, ringbarking, uprooting or burning of native vegetation.

Commencement includes **clearing** and any preparatory works required to be undertaken including clearing vegetation, the erection of any fences, signage or on-site temporary structures and the use of construction or excavation equipment on site for the purpose of breaking the ground for buildings, infrastructure or resource extraction.

The Department is the Australian Government Department administering the *Environment Protection and Biodiversity Conservation Act 1999*. This includes any future Australian Government Department that becomes responsible for the administration of this approval under any future environmental legislation.

The Minister is the Minister administering the *Environment Protection and Biodiversity Conservation Act 1999* and includes a delegate of the **Minister**. Includes any future **Minister of the Department**.

Project area is defined by the area of mining lease M70/M793 identified as 'Site Boundary' at Attachment A.

Offset attributes must be in the form of an excel file ('.xls') capturing relevant attributes of the Offset Area, including the EPBC reference ID number, the physical address of the offset site, coordinates of the boundary points in decimal degrees, the EPBC protected matters that the offset compensates for, any additional EPBC protected matters that are benefiting from the offset, and the size of the offset in hectares.

The **Offset property** is the property that is approximately 793 ha in size (identified as the 'Proposed Offset Area 2012/6472' at Attachment B) that has been purchased by Austsand Pty Ltd and is being managed for conservation by **WA DEC** on behalf of the person proposing to take the action. The offset property is Lot 51 on Deposited Plan 38521 Branson Road, Takalarup, South Stirling. Six hundred hectares (600 ha) of the offset property is attributed as an offset specifically for the proposed action.

Remnant vegetation is defined by any native vegetation that has not been cleared within the last 20 years.

WA DEC is the Western Australian Department of Environment and Conservation (or equivalent agency).



LEGEND

Trees Identified as >500mm DBH

- Corymbia calophylla*
- Eucalyptus marginata*
- Eucalyptus staeri*
- Roosting Site

Site Boundary

Site Boundary Buffer (100m)

Clearing Area

Approved Clearing Permit (2011)

Potential Impact Avoidance

- Black Cockatoo Roosting - 100m Buffer
- Remnant Vegetation

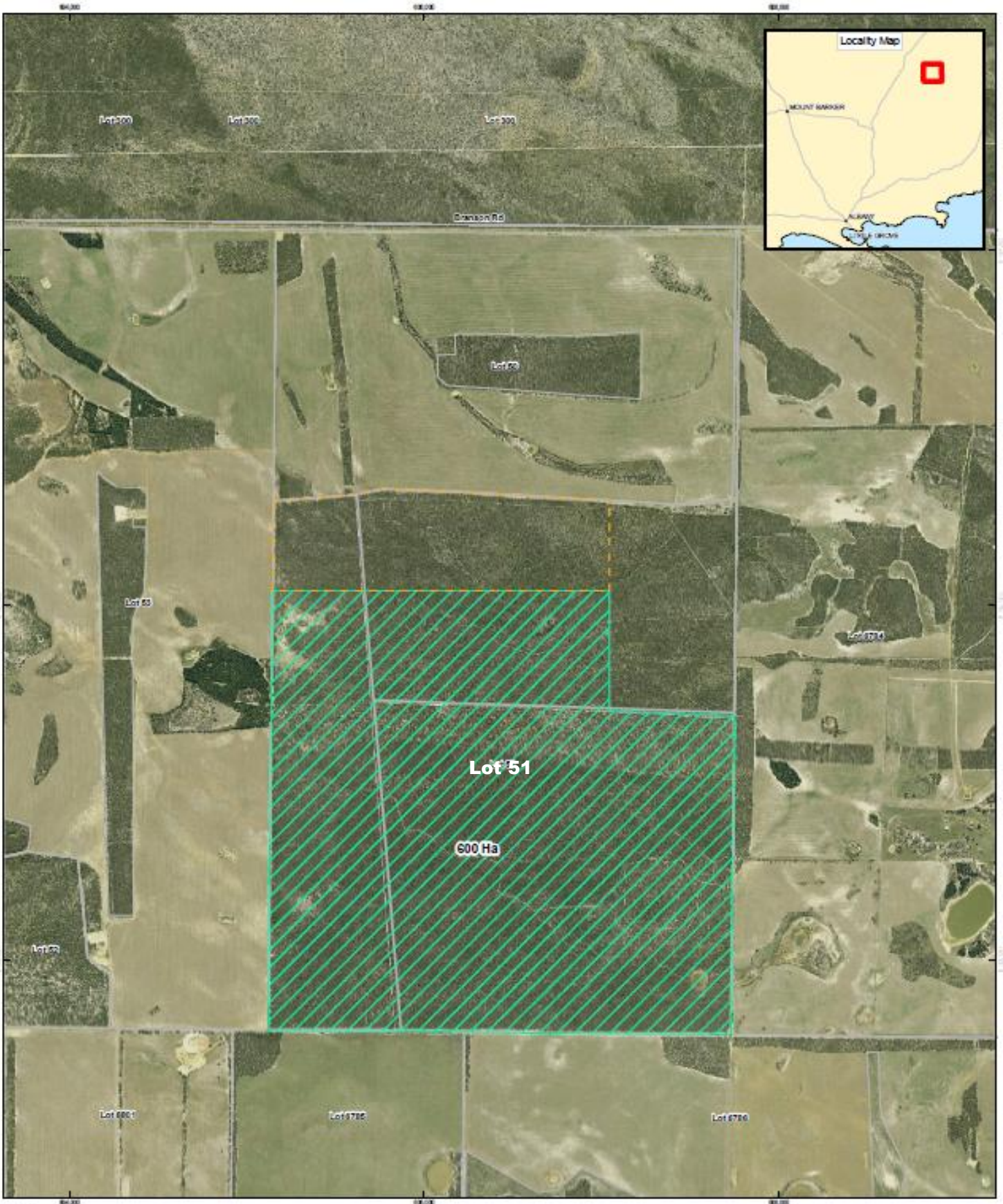
Vegetation Type

- Banksia attenuata*, *Banksia ilicifolia*, *Eucalyptus staeri*, *Avicasianna fraseriana* Low Open Woodland
- Eucalyptus marginata*, *Corymbia calophylla*, *Banksia attenuata*, *Avicasianna fraseriana* Woodland
- Swamp Margin
- Melaleuca* Low Forest
- Melaleuca cuticularis*
- Tall Shrubland
- Cleared/Degraded



TT SANDS
PTY LTD
SLIP ENABLER

TT Sands Pty Ltd
Clearing Permit Application
Supporting Documentation
**Protected Areas -
Black Cockatoos**



- LEGEND**
-  Existing State Offset – TT Sands (Austsands)
 -  Proposed Offset Area
 -  Cadastre



**TT SANDS
PTY LTD**

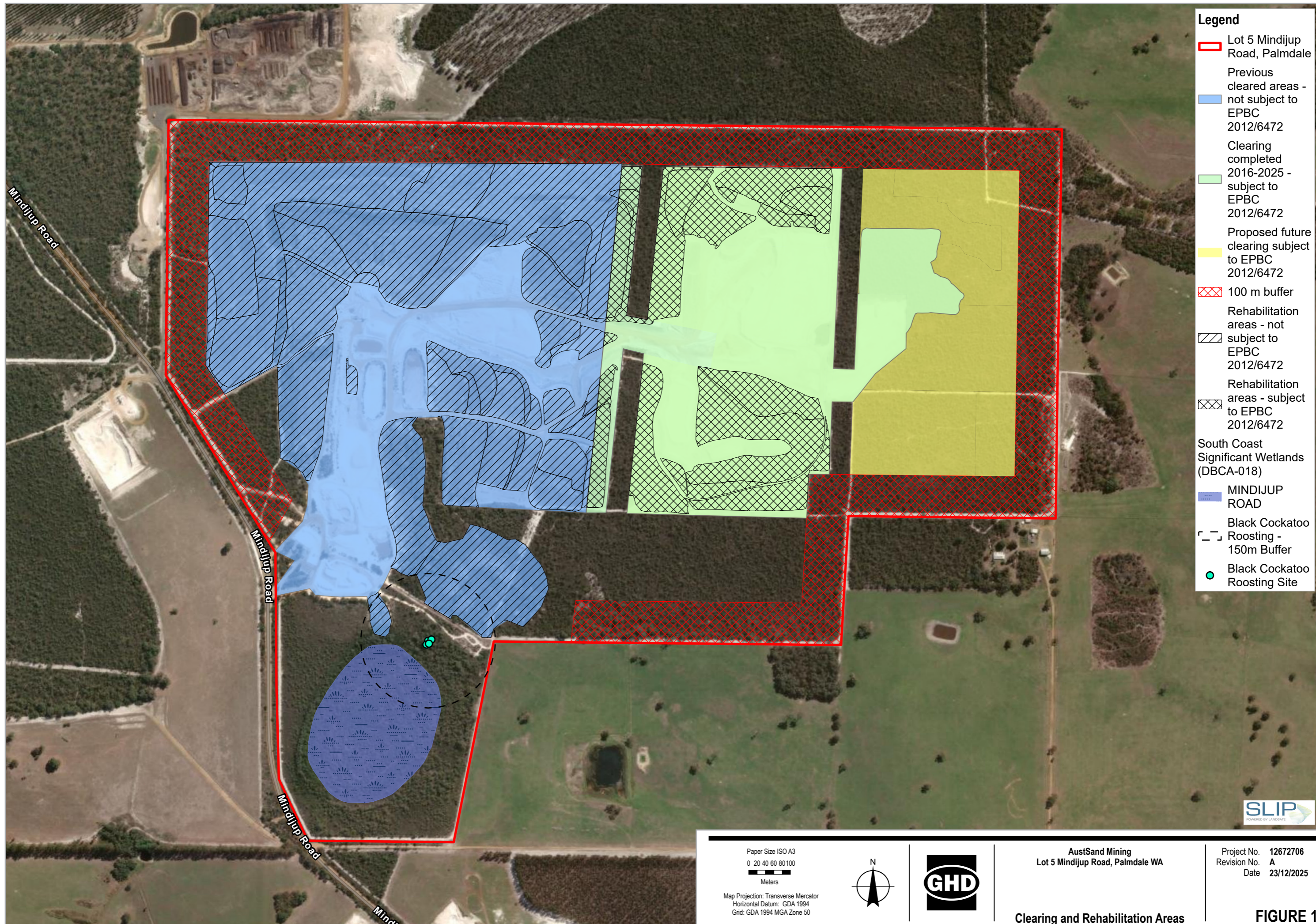
TT Sands Pty Ltd
Clearing Permit Application
Supporting Documentation

Job Number	81-28055
Revision	0
Date	28 Mar 2013

SLIP-ENABLED Offset Portion

Appendix B

Figures



- Legend**
- Lot 5 Mindijup Road, Palmdale
 - Previous cleared areas - not subject to EPBC 2012/6472
 - Clearing completed 2016-2025 - subject to EPBC 2012/6472
 - Proposed future clearing subject to EPBC 2012/6472
 - 100 m buffer
 - Rehabilitation areas - not subject to EPBC 2012/6472
 - Rehabilitation areas - subject to EPBC 2012/6472
 - South Coast Significant Wetlands (DBCA-018)
 - MINDIJUP ROAD
 - Black Cockatoo Roosting - 150m Buffer
 - Black Cockatoo Roosting Site

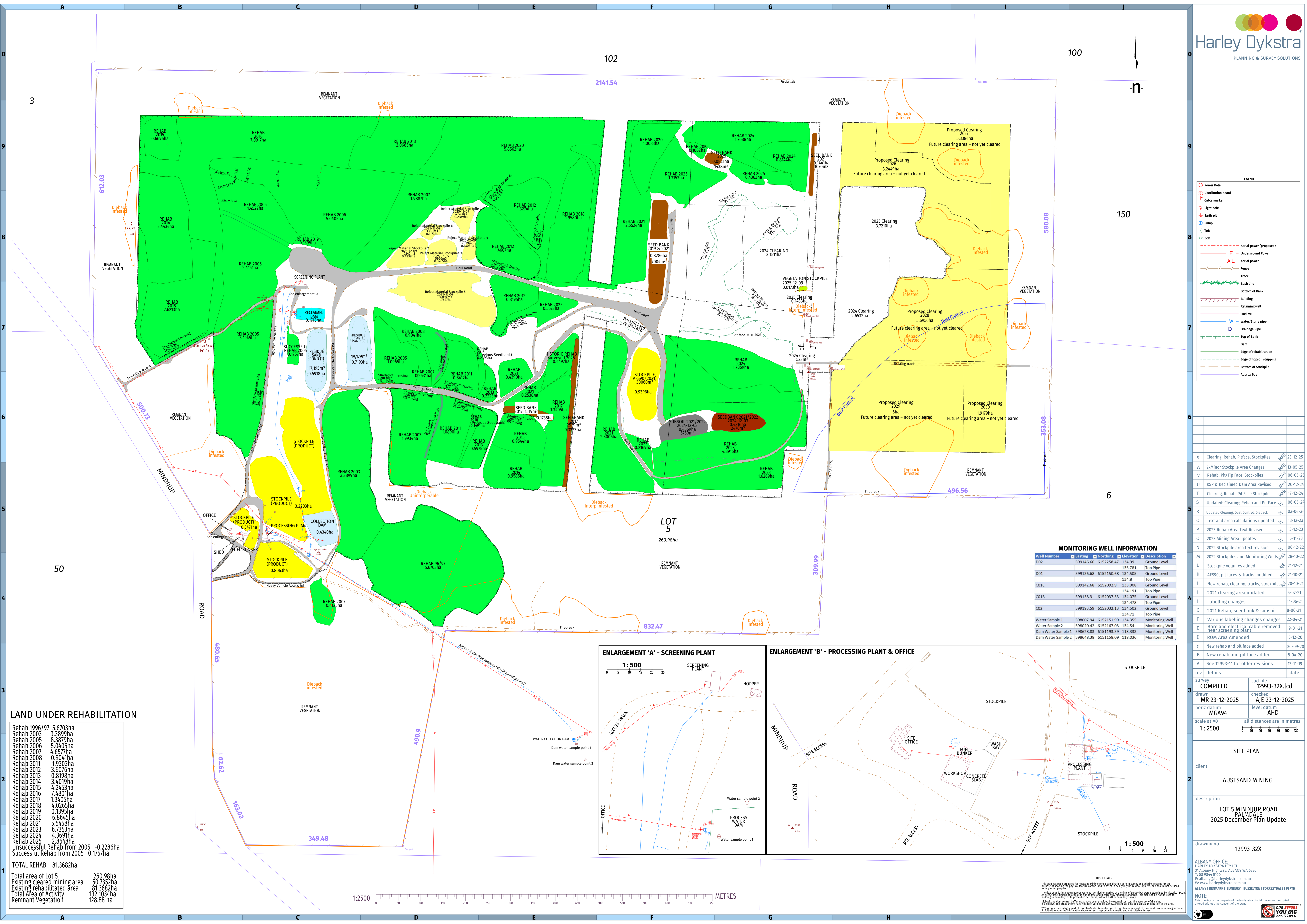
<p>Paper Size ISO A3 0 20 40 60 80 100 Meters</p> <p>Map Projection: Transverse Mercator Horizontal Datum: GDA 1994 Grid: GDA 1994 MGA Zone 50</p>			<p>AustSand Mining Lot 5 Mindijup Road, Palmdale WA</p>	<p>Project No. 12672706 Revision No. A Date 23/12/2025</p>
<p>Clearing and Rehabilitation Areas</p>			<p>FIGURE 1</p>	

\ghdnet\GHD\AU\Perth\Projects\6112672706\GIS\Maps\Working\12672706_EPBC\12672706_EPBC.aprx\12672706_EPBC clearing and rehab areas
 Print date: 23 Dec 2025 - 16:54

Data source: World Imagery: Vector
 Hybrid Reference Layer: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. Created by: vdwaves

Appendix C

December 2025 Site Plan



LEGEND

- Power Pole
- Distribution board
- Cable marker
- Light pole
- Earth pit
- Pump
- ToB
- BoB
- Aerial power (proposed)
- E - Underground Power
- A-E - Aerial power
- Fence
- Track
- Bush line
- Bottom of Bank
- Building
- Retaining wall
- Fuel MH
- W - Water/Sturry pipe
- D - Drainage Pipe
- Top of Bank
- Dam
- Edge of rehabilitation
- Edge of topsoil stripping
- Bottom of Stockpile
- Approx Body

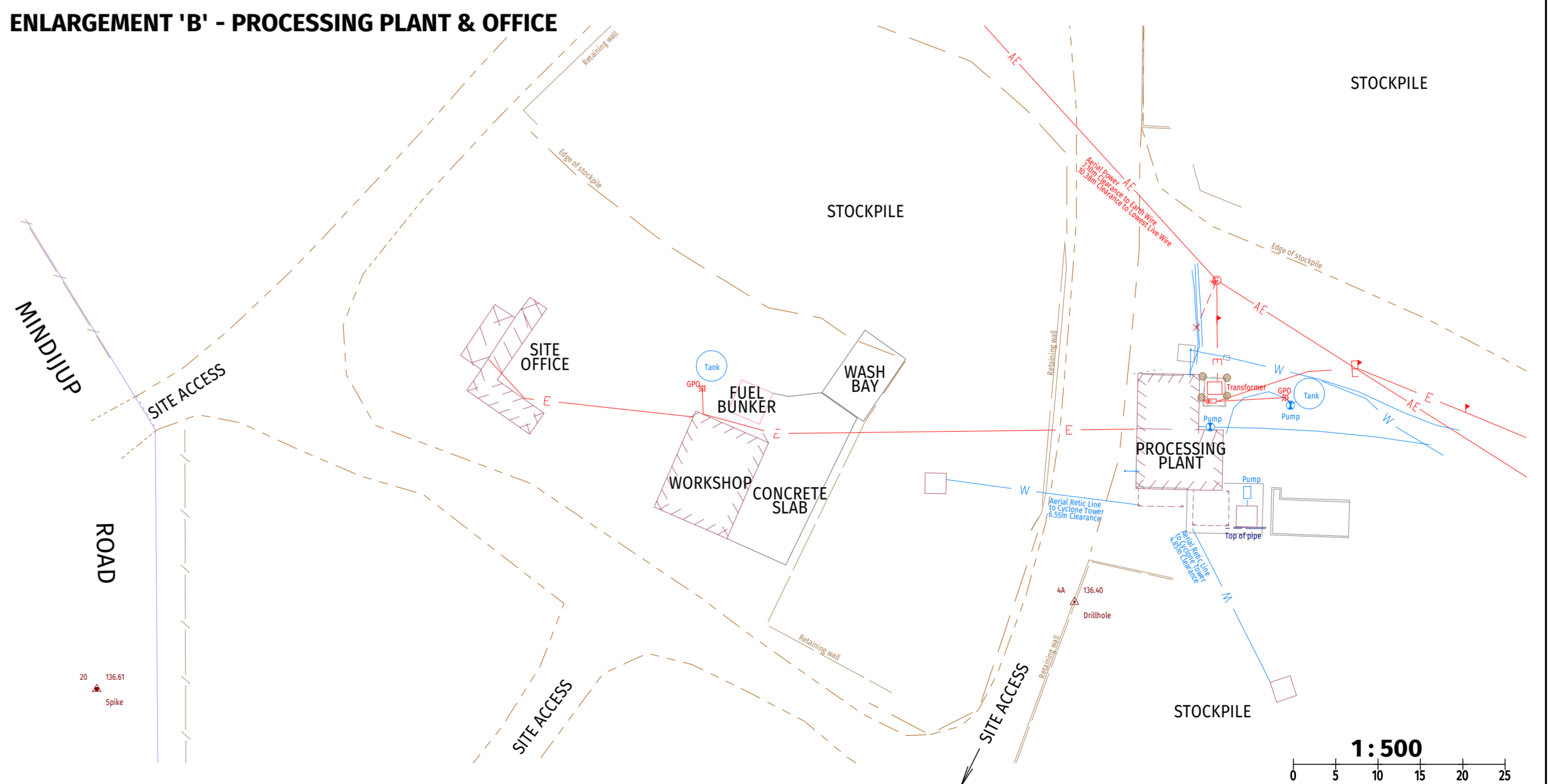
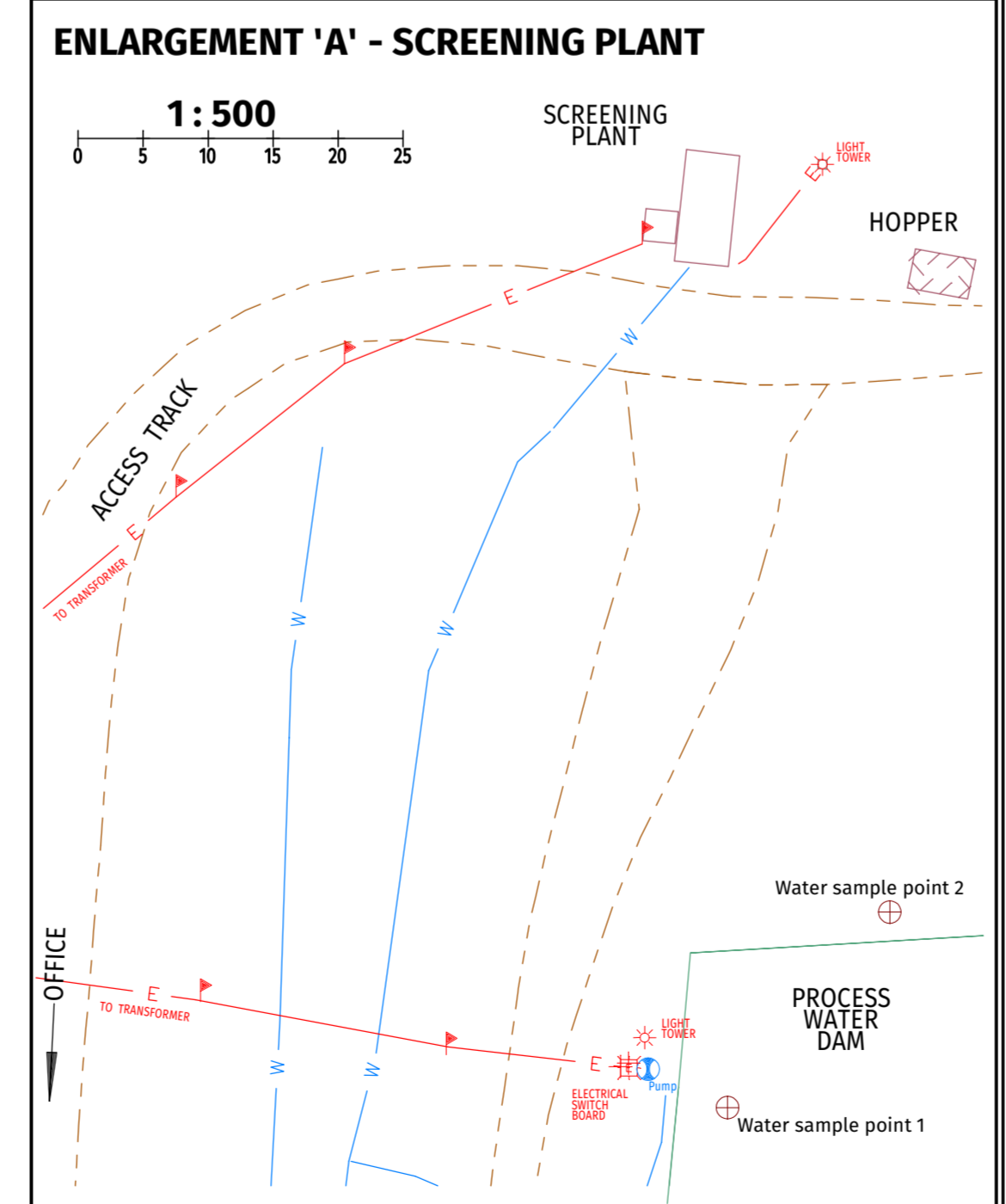
Rev	Description	Date
X	Clearing, Rehab, Pitface, Stockpiles	23-12-25
W	2x Minor Stockpile Area Changes	13-05-25
V	Rehab, Pit-Tip Face, Stockpiles	06-05-25
U	RSP & Reclaimed Dam Area Revised	20-12-24
T	Clearing, Rehab, Pit Face Stockpiles	17-12-24
S	Updated: Clearing, Rehab and Pit Face	06-05-24
R	Updated Clearing, Dust Control, Dieback	02-04-24
Q	Text and area calculations updated	18-12-23
P	2023 Rehab Area Text Revised	13-12-23
O	2023 Mining Area updates	16-11-23
N	2022 Stockpile area text revision	06-12-22
M	2022 Stockpiles and Monitoring Wells	28-10-22
L	Stockpile volumes added	21-12-21
K	AFS90, pit faces & tracks modified	21-10-21
J	New rehab, clearing, tracks, stockpiles	20-10-21
I	2021 clearing area updated	5-07-21
H	Labelling changes	14-06-21
G	2021 Rehab, seedbank & subsoil	8-06-21
F	Various labelling changes	22-04-21
E	Bore and electrical cable removed near screening plant	09-01-21
D	ROM Area Amended	15-12-20
C	New rehab and pit face added	30-09-20
B	New rehab and pit face added	8-04-20
A	See 12993-11 for older revisions	13-11-19
rev	details	date

MONITORING WELL INFORMATION

Well Number	Easting	Northing	Elevation	Description
DO2	599146.65	6152258.47	134.99	Ground Level
DO1	599136.68	6152150.68	134.505	Ground Level
CO1C	599142.68	6152092.9	133.908	Ground Level
CO1B	599138.3	6152037.33	134.075	Ground Level
CO2	599193.59	6152032.13	134.502	Ground Level
Water Sample 1	598007.04	6152153.99	134.355	Monitoring Well
Water Sample 2	598020.42	6152167.03	134.54	Monitoring Well
Dam Water Sample 1	598628.83	6151193.39	118.333	Monitoring Well
Dam Water Sample 2	598648.38	6151158.09	118.036	Monitoring Well

LAND UNDER REHABILITATION

Rehab 1996/97	5.6703ha
Rehab 2003	3.3099ha
Rehab 2005	8.3879ha
Rehab 2006	5.0405ha
Rehab 2007	4.6577ha
Rehab 2008	0.9041ha
Rehab 2011	1.9302ha
Rehab 2012	3.6076ha
Rehab 2013	0.8198ha
Rehab 2014	3.4019ha
Rehab 2015	4.2453ha
Rehab 2016	7.4801ha
Rehab 2017	1.3405ha
Rehab 2018	4.0265ha
Rehab 2019	0.1395ha
Rehab 2020	6.8645ha
Rehab 2021	5.5458ha
Rehab 2022	6.7353ha
Rehab 2023	4.3697ha
Rehab 2024	2.8646ha
Rehab 2025	2.8646ha
Unsuccessful Rehab from 2005	-0.2286ha
Successful Rehab from 2005	0.1757ha
TOTAL REHAB	81.3682ha
Total area of Lot 5	260.98ha
Existing cleared mining area	50.7352ha
Existing rehabilitated area	81.3682ha
Total Area of Activity	132.1034ha
Remnant Vegetation	128.88 ha



DISCLAIMER
This plan has been prepared for the stated purpose and is not to be used for any other purpose. The client is responsible for the accuracy of the data provided. The client is responsible for the accuracy of the data provided. The client is responsible for the accuracy of the data provided.

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NOTE:
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Appendix D

RMCP Approval Letter



Mr Scott Whitbread
Site Manager, Mindijup Silica Sand Mine
Austsand Mining
PO Box 1373
ALBANY WA 6331

Dear Mr Whitbread

EPBC 2012/6472: Extension of existing Silica Sand Mine, Mindijup – revised Rehabilitation and Mine Closure Plan

I refer to the letter dated 16 September 2016, from GHD Pty Ltd to the Department, seeking on behalf of Austsand Mining approval of the revised Rehabilitation and Mine Closure Plan.

Officers of this Department have evaluated the revised Rehabilitation and Mine Closure Plan, with particular regard for the approval conditions for EPBC 2012/6472. On the Department's advice, and as a delegate of the Minister for the Environment and Energy, I have decided to approve the following plan in accordance with condition 10 of the approval:

- *Austsand Mining, Mindijup Silica Sand Mine, Rehabilitation and Mine Closure Plan 2016 Rev D*, dated 12 April 2017 and declared to be accurate by Ryuji Sakizaki of Austsand Mining.

In accordance with condition 5 of EPBC 2012/65472, the *Austsand Mining, Mindijup Silica Sand Mine, Rehabilitation and Mine Closure Plan 2016 Rev D*, dated 12 April 2017 must now be implemented in place of the Rehabilitation and Mine Closure Plan approved by a delegate of the Minister for the Environment on 17 March 2014. If Austsand Mining wishes to implement the approved action in a manner other than in accordance with the approved Rehabilitation and Mine Closure Plan, Austsand Mining must submit a revised Rehabilitation and Mine Closure Plan for approval.

The Department is continuously seeking opportunities to reduce regulatory burden, with a recent initiative being to only require approval of revised management plans where implementing the revised plan may result in a new or increased impact. Please see attached guidance on the "Revised Management Plan" condition and, if you might be interested, submit a request to the Department to vary the conditions of approval for EPBC 2012/6472.

Should you require further information on any of the above please contact Vaughn Cox on 02 6274 2005 or by post.approvals@environment.gov.au.

Yours sincerely

Monica Collins
Assistant Secretary
Compliance & Enforcement Branch
Environment Standards Division

10 May 2017

CC: Anna Napier, GHD Pty Ltd.
Enc. Guidance on new or increased impact



ghd.com

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