



Part 1: Application type

INSTRUCTIONS:

- Completion of this form is a statutory requirement under s.54(1)(a) of the *Environmental Protection Act 1986 (WA) (EP Act)* for works approval applications; s.57(1)(a) for licence and licence renewal applications; s.59B(1)(a) for applications for an amendment; and under r.5B(2)(a) of the *Environmental Protection Regulations 1987 (WA) (EP Regulations)* for applications for registration of premises.
- The instructions set out in this application form are general in nature.
- A reference to 'you' in these instructions is a reference to the applicant.
- The information provided to you by the Department of Water and Environmental Regulation (DWER) in relation to making applications does not constitute legal advice. DWER recommends that you obtain independent legal advice.
- Applicants seeking further information relating to requirements under the EP Act and/or EP Regulations are directed to the Parliamentary Counsel's Office website (www.legislation.wa.gov.au). Schedule 1 of the EP Regulations contains the categories of prescribed premises.
- For prescribed premises where activities fall within more than one category, ALL applicable categories must be identified. This applies for existing prescribed premises seeking renewal or amendment, as well as new prescribed premises.
- The application form must be completed with all relevant information attached. Attachments can be combined and submitted as one or more consolidated documents if desired, provided it is clear which section of the application form the information / attachments relate to. Where attachments are submitted separately, avoid duplicating information. Ensure that any cross-references between the application form and the supporting document(s) are accurate.
- If an application form has been submitted which is incomplete or materially incorrect, the Chief Executive Officer of DWER (CEO) will decline to deal with the application and advise the applicant accordingly.
- On completing this application form, please submit it to DWER in line with the instructions in Part 15 of the form.

1.1 **This is an application for:**
[Select one option only. Your application may be returned if multiple options are selected.]

under Part V, Division 3 of the EP Act.

Please see the:

- [Guideline: Industry Regulation Guide to Licensing](#)
- [Procedure: Prescribed premises works approvals and licences](#)

for more information to assist in understanding DWER's regulatory regime for prescribed premises.

- Works approval
- Licence
Existing registration number(s): []
Existing works approval number(s): []
- Renewal
Existing licence number: []
- Amendment
Number of the existing licence or works approval to be amended: [L4557/1986/19]
- Registration (works approval already obtained)
Existing works approval number(s): []

1.2 **For a works approval amendment or licence amendment, are there less than 90 business days until the expiry of the existing works approval or licence?**

Only active instruments can be amended. Applications to amend a works approval or licence must be made 90 business days or more prior to the existing works approval or licence expiring to ensure there is adequate time to assess the amendment.

Yes

1.3 **This application is for the following categories of prescribed premises:**
(specify all prescribed premises category numbers)

Category 8: Mineral sands mining or processing
Category 31: Chemical manufacturing
Category 37: Char Manufacturing

- All activities that meet the definition of a prescribed premises as set out in Schedule 1 of the EP Regulations have been specified above (tick, if yes).

Completion Matrix

The matrix below explains what sections are required to be completed for different types of applications.

Application form section	New application / registration	Renewal	Amendment
Part 1: Application type	•	•	•
Part 2: Applicant details	•	•	•
Part 3: Premises details	•	•	△
Part 4: Proposed activities	•	•	•
Part 5: Index of Biodiversity Surveys for Assessment and Index of Marine Surveys for Assessment	If required.	If required.	If required.
Part 6: Other DWER approvals	•	•	•
Part 7: Other approvals and consultation	•	•	•
Part 8: Applicant history	•	•	△
Part 9: Emissions, discharges, and waste	•	•	△
Part 10: Siting and location	•	•	△
Part 11: Submission of any other relevant information	•	•	If required.
Part 12: Category checklist(s)	•	•	•
Part 13: Proposed fee calculation	•	•	•
Part 14: Commercially sensitive or confidential information	•	•	•
Part 15: Submission of application	•	•	•
Part 16: Declaration and signature	•	•	•
Attachment 1A: Proof of occupier status	•	•	N/A
Attachment 1B: ASIC company extract	•	•	N/A
Attachment 1C: Authorisation to act as a representative of the occupier	•	•	•
Attachment 2: Premises map/s	•	•	△
Attachment 3A: Environmental commissioning plan	If required.	N/A	If required
Attachment 3B: Proposed activities	•	•	△
Attachment 3C: Map of area proposed to be cleared (only applicable if clearing is proposed)	•	•	•
Attachment 3D: Additional information for clearing assessment	If required.	If required.	If required.
Attachment 4: Marine surveys (only applicable if marine surveys included in application)	•	•	•
Attachment 5: Other approvals and consultation documentation	•	•	△
Attachment 6A: Emissions and discharges	If required.	If required.	If required.
Attachment 6B: Waste acceptance	If required.	If required.	If required.
Attachment 7: Siting and location	•	•	△
Attachment 8: Additional information submitted	If required.	If required.	If required.
Attachment 9: Category-specific checklist(s)	•	If required.	If required.
Attachment 10: Proposed fee calculation	•	•	•
Attachment 11: Request for exemption from publication	If required.	If required.	If required.

Key:

- **Must be completed / submitted.**
- △ **To the extent changed / required in relation to the amendment.**
- N/A **Not required with application, but may be requested subsequently depending on DWER records.**
- “If required” **Sections for applicants to determine.**

Part 2: Applicant details																	
<p>INSTRUCTIONS:</p> <ul style="list-style-type: none"> The applicant (the occupier of the premises) must be an individual(s), a company, body corporate, or public authority, but not a partnership, trust, or joint-venture name. Applications made by or on behalf of business names or unincorporated associations will not be accepted. If applying as an individual, your full legal name must be provided. If applying as a company, body corporate, or public authority, the full legal entity name must be inserted. Australian Company Number's (ACN) must be provided for all companies or body corporates. DWER prefers to send all correspondence electronically via email. We request that you consent to receiving all correspondence relating to instruments and notices under Part V of the EP Act (Part V documents) electronically via email, by indicating your consent in Section 2.3. Companies or body corporates making an application must nominate an authorised representative from within their organisation. Proof of authorisation must be submitted with the application (see Section 2.10). If you are applying as an individual, you are the representative. Details of a contact person must be provided for DWER enquiries in relation to your application. This contact person can be a consultant if authorised to represent the applicant. Written evidence of this authorisation must be provided. Details of the occupier of the premises must be provided. One of the options must be selected and if you have been asked to specify, please provide details. For example, if 'lease holder' has been selected, please specify the type of lease (for example, pastoral lease, mining lease, or general lease) and provide a copy of the lease document(s). Note that contracts for sale of land will not be sufficient evidence of occupancy status. 																	
2.1	<p>Applicant name/s (full legal name/s): The proposed holder of the works approval, licence or registration.</p>	Iluka Resources Limited															
	ACN (if applicable):	008 675 018															
2.2	Trading as (if applicable):	Iluka Resources Limited															
2.3	<p>Authorised representative details: The person authorised to receive correspondence and Part V documents on behalf of the applicant under the EP Act.</p> <p>Where 'yes' is selected, all correspondence will be sent to you via email, to the email address provided in this section.</p> <p>Where 'no' has been selected, Part V documents will be posted to you in hard copy to the postal / business address specified in Section 2.4, below. Other general correspondence may still be sent to you via email.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">Name</td> <td style="background-color: black;"></td> </tr> <tr> <td style="padding: 5px;">Position</td> <td style="background-color: black;"></td> </tr> <tr> <td style="padding: 5px;">Telephone</td> <td style="background-color: black;"></td> </tr> <tr> <td style="padding: 5px;">Email</td> <td style="background-color: black;"></td> </tr> </table>	Name		Position		Telephone		Email		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 5px;"><i>I consent to all written correspondence between myself (the applicant) and DWER, regarding the subject of this application, being exclusively via email, using the email address I have provided above.</i></td> <td style="width: 10%; text-align: center; padding: 5px;">Yes</td> <td style="width: 10%; text-align: center; padding: 5px;">No</td> </tr> <tr> <td style="padding: 5px;"></td> <td style="text-align: center; padding: 5px;"><input checked="" type="checkbox"/></td> <td style="text-align: center; padding: 5px;"><input type="checkbox"/></td> </tr> </table>	<i>I consent to all written correspondence between myself (the applicant) and DWER, regarding the subject of this application, being exclusively via email, using the email address I have provided above.</i>	Yes	No		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Name																	
Position																	
Telephone																	
Email																	
<i>I consent to all written correspondence between myself (the applicant) and DWER, regarding the subject of this application, being exclusively via email, using the email address I have provided above.</i>	Yes	No															
	<input checked="" type="checkbox"/>	<input type="checkbox"/>															
2.4	<p>Registered office address, as registered with the Australian Securities and Investments Commission (ASIC): This must be a physical address to which a Part V document may be delivered.</p>	Level 17, 240 St Georges Terrace, Perth, WA 6000															
2.5	<p>Postal address for all other correspondence: If different from Section 2.4.</p>	PO Box 96, Capel WA 6271															

Part 2: Applicant details				
2.6	Contact person details for DWER enquiries relating to the application (if different from the authorised representative): For example, could be a consultant or a site-based employee.	Name		
		Position		
		Organisation		
		Address		
		Telephone		
		Email		
2.7	Occupier status: Occupier is defined in s.3 of the EP Act and includes a person in occupation or control of the premises, or occupying a different part of the premises whether or not that person is the owner. Note: if a lease holder, the applicant must be the holder of an executed lease, not just an agreement to lease.	Registered proprietor on certificate of title.	<input checked="" type="checkbox"/>	
		Lease holder (please specify, including date of expiry of lease).	<input type="checkbox"/>	
		Public authority that has care, control, or management of the land.	<input type="checkbox"/>	
		Other evidence of legal occupation or control (please specify – for example, joint venture operating entity, contract, letter of operational control, or other legal document or evidence of legal occupation).	<input type="checkbox"/>	
Attachments			N/A	Yes
2.8	Attachment 1A: Proof of occupier status	Copies of certificate of title, lease, or other instruments evidencing proof of occupier status, including the expiry date or confirmation that there is no expiry date, have been provided and labelled as Attachment 1A.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.9	Attachment 1B: ASIC company extract	A current company information extract (not the company information summary) purchased from the ASIC website(s) for all new applications / registrations has been provided and labelled as Attachment 1B.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.10	Attachment 1C: Authorisation to act as representative of the occupier	A copy of the documentation authorising the applicant to act on the occupier's behalf as their authorised agent/representative has been provided and labelled as Attachment 1C.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Part 3: Premises details			
3.1	Premises description (whole or part to be specified): Include the land description (volume and folio number, lot, or location number/s); Crown lease or reserve number; pastoral lease number; or mining tenement number (as appropriate), of all properties, as shown on title details registered with Landgate.	North Capel Operations Yearly Road Capel WA 6271 Being all of mining tenements M70/257, M70/651, M70/959, M70/962, M70/970, M70/978, M70/990, M70/1083 and M70/1128, and part of mining tenements M70/279, M70/386 & M70/1082.	
	Premises street address Include the suburb.	North Capel Operations, Yearly Road, Capel, WA 6271	
	Premises name (if applicable):	Iluka Resources Limited, North Capel Operations	
3.2	Local Government Authority area: City, Town, or Shire.	Shire of Capel	
3.3	GPS (latitude and longitude) coordinates: GPS coordinates determined using the GDA 2020 (Geographic latitude / longitude) coordinate system and datum must be provided for all points around the proposed premises boundary, where the entirety of the cadastral (land parcel) or mining tenements are not used as the premises boundary.	As per the current EP Act Part V Licence L4557/1986/19	
Attachments		N/A	Yes
3.4	Attachment 2: Premises map(s) You must provide as an attachment to this application form, labelled Attachment 2, either: <ol style="list-style-type: none"> 1. an aerial photograph, map, and site plan of sufficient scale showing the proposed prescribed premises boundary or 2. where available, a map of the proposed premises boundary and site plan as an ESRI shapefile (accepted file types include .dbf, .shp, .prj, and .shx) with the following properties (provided on a suitable portable digital storage device, if submitting application in hard copy form): <ul style="list-style-type: none"> • Geometry type: Polygon Shape • Coordinate system: GDA 2020 (Geographic latitude / longitude) • Datum: GDA 2020 (Geocentric Datum of Australia 2020). You must also provide a map or maps of the prescribed premises, clearly identifying and labelling: <ul style="list-style-type: none"> • layout of key infrastructure and buildings, clearly labelled; • the premises boundary (where the premises boundary does not align with the entirety of the cadastral boundary, identify the Lot Number for which the premises is part of); • emission and discharge points (with precise GPS coordinates where available); • monitoring points (with precise GPS coordinates where available); • sensitive receptors and land uses • all areas proposed to be cleared (if applicable). Maps must contain a north arrow, clearly marking the area in which the activities are carried out. The map or maps must be of reasonable clarity and have a visible scale.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Part 4: Proposed activities

- INSTRUCTIONS:**
- You must provide a description and the scope, size and scale of all prescribed activities of Schedule 1 to the EP Regulations including the maximum production or design capacity of each prescribed activity.
 - If applying for a works approval or licence amendment involving the construction of new infrastructure, you must provide information on infrastructure to be constructed and how long construction is expected to take. You must confirm if commissioning is to occur and how long it will take.
 - If applying for a works approval or licence amendment *not* involving the construction of new infrastructure, provide details of the proposed amendment.
 - You must identify all emission sources on the premises map/s.
 - You must also provide information on activities which directly relate to the prescribed premises category which have, or are likely to result in, an emission or discharge.
 - If clearing activities are proposed provide a description and details. If a relevant exemption under Schedule 6 of the EP Act or r.5 of the Environmental Protection (Clearing of Native Vegetation) Regulations 2004 (WA) (Clearing Regulations) may apply, provide details.
 - Note that in some cases, DWER may require that the clearing components of a works approval or licence (or amendment) application be submitted separately through the clearing permit application process. Refer to the [Procedure: Prescribed premises works approvals and licences](#) for further guidance.
 - Please note that the requested information is critical to DWER’s understanding of the proposed activities. The more accurate, specific, and complete the information provided in the application, the less uncertainty that DWER may identify in the application, therefore facilitating completion of the assessment in a more efficient and timely manner.

4.1 Prescribed premises infrastructure and equipment

In Table 4.1 (below), provide a list of all items of infrastructure and equipment within the boundary of the prescribed premises relevant to this application, and include the following details for each:

- **relevant categories (if known)** – the categories of prescribed premises (as listed under Schedule 1 of the EP Regulations) that relate to that infrastructure or equipment;
- **site plan reference** – the location of that infrastructure or equipment (with reference to the site plan map or maps provided above in Section 3.4 and labelled as Attachment 2 – e.g. use GPS coordinates or a clear description such as “labelled as [label on premises map] on Map A”);
- **is it critical containment infrastructure (CCI)?** – indicate if the identified infrastructure or equipment would be categorised as CCI. Refer to the [Guideline: Industry Regulation Guide to Licensing](#) for further information on CCI; and
- **is environmental commissioning required?** – indicate if environmental commissioning is intended to be undertaken for that item of infrastructure or equipment. Refer to the [Guideline: Industry Regulation Guide to Licensing](#) for further information on environmental commissioning.

Add additional rows to Table 4.1 (below) as required.

Table 4.1: Infrastructure and equipment

	Infrastructure and equipment	Relevant categories (if known)	Site plan reference	CCI? (mark if yes)	Environmental commissioning? (mark if yes)
1.	Stockpile Storage Area (SSA)		See Att 2A and 2B	<input type="checkbox"/>	<input type="checkbox"/>
2.	Ryans Road Stockpile Area (RRSA)		See Att 2A and 2B	<input type="checkbox"/>	<input type="checkbox"/>
3.	IMG storage pad		See Att 2A and 2B	<input type="checkbox"/>	<input type="checkbox"/>
4.	Synthetic Rutile Plant		See Att 2A and 2B	<input type="checkbox"/>	<input type="checkbox"/>
5.				<input type="checkbox"/>	<input type="checkbox"/>
6.				<input type="checkbox"/>	<input type="checkbox"/>
7.				<input type="checkbox"/>	<input type="checkbox"/>
8.				<input type="checkbox"/>	<input type="checkbox"/>
9.				<input type="checkbox"/>	<input type="checkbox"/>
10.				<input type="checkbox"/>	<input type="checkbox"/>

Part 4: Proposed activities	
4.2	<p>Detailed description of proposed activities or proposed changes (if an amendment): You must provide details of proposed activities relevant to this application within the boundary of the prescribed premises, identifying:</p> <ul style="list-style-type: none"> • scope, size, and scale of the project, including details as to production or design capacity (and/or frequency, if applicable); • key infrastructure and equipment; • description of processes or operations (a process flow chart may be included as an attachment); • emission / discharge points; • locations of waste storage or disposal • activities occurring during construction, environmental commissioning, and operation (if applicable). <p>If assessment and imposition of conditions to allow environmental commissioning to be undertaken are requested, please provide an environmental commissioning plan as Attachment 3A (see 4.11 below). Additional information relating to the proposed activities may be included in Attachment 3B (see 4.12 below).</p> <hr/> <p>Construction activities (if applicable):</p> <p>na</p> <hr/> <p>Environmental commissioning activities (if applicable): Refer to the Guideline: Industry Regulation Guide to Licensing for further guidance.</p> <p>na</p> <hr/> <p>Time limited operations activities (if applicable): Different elements of the premises may require time limited operations to commence at different times. In these circumstances, please specify the infrastructure and/or equipment for which time limited operations authorisation is being applied for. If time limited operations are expected to differ from future licensed operations, specify how and why this would be the case. Refer to the Guideline: Industry Regulation Guide to Licensing for further guidance.</p> <hr/> <p>Operations activities (for a licence):</p> <p>This licence amendment has been compiled to authorize the ongoing operation of the following infrastructure currently under time limited operations in accordance with W2964/2025/1:</p> <ul style="list-style-type: none"> • Stockpile Storage Area (SSA); • Ryan’s Road Stockpile Area (RRSA); and • Iron-man Gypsum (IMG) Pad. <p>In addition Iluka wish to extend the prescribed premises boundary to the tenements north of Cable Mine Road (M70/914, M70/295 and M70/959 as per attachment 2A) for future operational flexibility. The proposed boundary reverts to the original boundary that was amended by the DWER back in 2014. Lastly, Iluka intend to run a series of kiln trials utilising alternative fuels in place of injection coal with the intention reduce CO2 emissions. Refer to Attachment 8 (Licence Amendment - Supporting Document) for further details on proposed activities.</p>
4.3	<p>Estimated operating period of the project / premises (e.g. based on estimated infrastructure life):</p> <p>10 years</p>
4.4	<p>Proposed date(s) for commencement of works (if applicable):</p> <p>Na</p>
4.5	<p>Proposed date(s) for conclusion of works construction (if applicable):</p> <p>This date should coincide with the submission to DWER of an Environmental Compliance Report(s) and/or a Critical Containment Infrastructure Report(s) as required. Refer to the Guideline: Industry Regulation Guide to Licensing.</p>

Part 4: Proposed activities				
4.6	Proposed date(s) for environmental commissioning of works (if applicable): Refer to the Guideline: Industry Regulation Guide to Licensing .	Na		
4.7	Proposed date/s for commencement of time limited operations under works approval (if applicable): Refer to the Guideline: Industry Regulation Guide to Licensing .	Na		
4.8	Maximum production or design capacity for each category applied for (based on infrastructure operating 24 hours a day, 7 days a week): Provide figures for all categories listed in Section 1.2. Units of measurement must be the same as the units of measurement associated with the relevant category as identified in Schedule 1 of the EP Regulations.	Under approved licence L4557/1986/19 approved production/design capacity is: Category 8: Mineral sands mining and processing = 730 000T/yr Category 31: Chemical manufacturing = 380,000T/yr Category 37: Char Manufacturing = 30,000 T/yr No changes to production/design capacity are sought.		
4.9	Estimated / actual throughput for each category applied for: Provide figures for all categories listed in Section 1.2. Units of measurement must be the same as the units of measurement associated with the relevant category as identified in Schedule 1 of the EP Regulations.	No changes to actual throughput are sought.		
Attachments			N/A	Yes
4.10	Attachment 2: Premises map	Emission/discharge points are clearly labelled on the map/s required for Part 3.4 (Attachment 2).	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.11	Attachment 3A: Environmental commissioning plan	If applying to construct works or install equipment, and environmental commissioning of the works or equipment is planned, an environmental commissioning plan has been included in Attachment 3A. The environmental commissioning plan is expected to include, at minimum, identification of: <ul style="list-style-type: none"> • the sequence of commissioning activities to be undertaken, including details on whether they will be done in stages; • a summary of the timeframes associated with the identified sequence of commissioning activities; • the inputs and outputs that will be used in the commissioning process; • the emissions and/or discharges expected to occur during commissioning; • the emissions and/or discharges that will be monitored and/or confirmed to establish or test a steady-state operation (e.g. identifying emissions surrogates, etc.), including a detailed emissions monitoring program for the measurement of those emissions and/or discharges; • the controls (including management actions) that will be put in place to address the expected emissions and/or discharges; • any contingency plans for if emissions exceedances or unplanned emissions and/or discharges occur • how any of the above would differ from standard operations once commissioning is complete. Note that DWER will not include conditions on a granted instrument that authorise environmental commissioning activities where it is not satisfied that the risks associated with environmental commissioning can be adequately addressed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.12	Attachment 3B: Proposed activities	Additional information relating to the proposed activities has been included in Attachment 3B (if required).	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Part 4: Proposed activities			
Clearing activities			
4.13 to 4.19 are only required if the application includes clearing of native vegetation.			
4.13	Proposed clearing area (hectares and/or number of individual trees to be removed):	na	
4.14	Details of any relevant exemptions: Refer to DWER's A guide to the exemptions and regulations for clearing native vegetation .	na	
4.15	Proposed method of clearing:	na	
4.16	Period within which clearing is proposed to be undertaken: For example, May 2020 – June 2020.	na	
4.17	Purpose of clearing:		
Clearing activities – Attachments			
		N/A	Yes
4.18	Attachment 3C: Map of area proposed to be cleared You must provide: an aerial photograph or map of sufficient scale showing the proposed clearing area and prescribed premises boundary <i>OR</i> if you have the facilities, a suitable portable digital storage device of the area proposed to be cleared as an ESRI shapefile with the following properties: <ul style="list-style-type: none"> Geometry type: Polygon Shape Coordinate system: GDA 2020 (Geographic latitude / longitude) Datum: 2020 1994 (Geocentric Datum of Australia 2020). 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.19	Attachment 3D: Additional information for clearing assessment Additional information to assist in the assessment of the clearing proposal may be attached to this application (for example, reports on salinity, fauna or flora studies or other environmental reports conducted for the site).	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Part 5: Index of Biodiversity and Marine Surveys for Assessments (IBSA and IMSA)			
INSTRUCTIONS:			
<ul style="list-style-type: none"> Biodiversity surveys should be submitted through the IBSA Submissions Portal at ibsasubmissions.dwer.wa.gov.au Biodiversity surveys submitted to support this application must meet the requirements of the EPA's <i>Instructions for the preparation of data packages for the Index of Biodiversity Surveys for Assessments (IBSA)</i>. Marine surveys submitted to support this application must meet the requirements of the EPA's <i>Instructions for the preparation of data packages for the Index of Marine Surveys for Assessments (IMSA)</i>. If these requirements are not met, DWER will decline to deal with the application. 			
Attachments			
		N/A	Yes
5.1	All biodiversity surveys submitted with this application meet the requirements of the EPA's Instructions for the preparation of data packages for the Index of Biodiversity Surveys for Assessments (IBSA) .	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Submission number(s)		

Part 5: Index of Biodiversity and Marine Surveys for Assessments (IBSA and IMSA)				
<p>INSTRUCTIONS:</p> <ul style="list-style-type: none"> Biodiversity surveys should be submitted through the IBSA Submissions Portal at ibasubmissions.dwer.wa.gov.au Biodiversity surveys submitted to support this application must meet the requirements of the EPA's <i>Instructions for the preparation of data packages for the Index of Biodiversity Surveys for Assessments (IBSA)</i>. Marine surveys submitted to support this application must meet the requirements of the EPA's <i>Instructions for the preparation of data packages for the Index of Marine Surveys for Assessments (IMSA)</i>. If these requirements are not met, DWER will decline to deal with the application. 				
	<p>Biodiversity surveys</p> <p>Please provide the IBSA number(s) (or submission number(s) if IBSA number has not yet been issued) in the space provided.</p> <p>Note that a submission number is not a confirmation of acceptance of a biodiversity survey and is not the same as an IBSA number. IBSA numbers are only issued once a survey has been accepted. Once an IBSA number is issued, please notify the department.</p>	<p style="text-align: center;">IBSA number(s)</p>		
5.2	<p>Attachment 4:</p> <p>Marine surveys</p>	<p>All marine surveys submitted with this application meet the requirements of the EPA's Instructions for the preparation of data packages for the Index of Marine Surveys for Assessments (IMSA).</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Part 6: Other DWER approvals	
INSTRUCTIONS:	
<ul style="list-style-type: none"> If you have applied, or intend to apply, for other approvals within DWER that may be relevant to this application, you must provide relevant details. If you have referred, or intend to refer, your proposal to the Environmental Protection Authority (EPA), you must provide the requested details. 	
Pre-application scoping	
<p>6.1 Have you had any pre-application / pre-referral / scoping meetings with DWER regarding any planned applications?</p>	<p><input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes – provide details:</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Consultation during the works approval application process.</p> <p>Regarding the alternative fuel trial, an information memorandum was shared with DWER on 24/10/2025, with the intention to run a 12 hour trial in late November 2025. A meeting was held with DWER representatives on 27/10/2025, DWER advised that the trial would trigger Section 53 of the EP Act and would require DWER assessment and authorization.</p> </div>
Environmental impact assessment (Part IV of the EP Act)	
<p>6.2 Have you referred or do you intend to refer the proposal to the EPA?</p> <p>Section 37B(1) of the EP Act defines a 'significant proposal' as "a proposal likely, if implemented, to have a significant effect on the environment".</p> <p>If DWER considers that the proposal in this application is likely to constitute a 'significant proposal', DWER is required under s.38(5) of the EP Act to refer the proposal to the EPA for assessment under Part IV, if such a referral has not already been made.</p> <p>If a relevant Ministerial Statement already exists, please provide the MS number in the space provided.</p>	<p><input type="checkbox"/> Yes (referred) – reference (if known): []</p> <p><input type="checkbox"/> Yes – intend to refer (proposal is a 'significant proposal') <input type="checkbox"/> Yes – intend to refer (proposal will require a s.45C amendment to the current Ministerial Statement): MS []</p> <p><input type="checkbox"/> No – a valid Ministerial Statement applies: MS []</p> <p><input checked="" type="checkbox"/> No – not a 'significant proposal'</p>
Clearing of native vegetation (Part V Division 2 of the EP Act and Country Area Water Supply Act 1947)	

Part 6: Other DWER approvals	
<p>6.3 Have you applied or do you intend to apply for a native vegetation clearing permit?</p> <p>In accordance with the Guideline: Industry Regulation Guide to Licensing and Procedure: Native vegetation clearing permits, where clearing of native vegetation:</p> <ul style="list-style-type: none"> is exempt under Schedule 6 of the EP Act or the Environmental Protection (Clearing of Native Vegetation) Regulations 2004 (WA) (refer to A guide to the exemptions and regulations for clearing native vegetation) is being assessed by a relevant authority which would lead to an exemption under Schedule 6 of the EP Act, or has been referred under s.51DA of the EP Act and a determination made that a clearing permit is not required (refer to the Guideline: Native vegetation clearing referrals), <p>the clearing will not be reassessed by DWER or be subject to any additional controls by DWER.</p> <p>If the proposed clearing action is to be assessed in accordance with, or under, an <i>Environment Protection and Biodiversity Conservation Act</i> (Cth) (EPBC Act) accredited process, such as the assessment bilateral agreement, the clearing permit application Form Annex C7 – Assessment bilateral agreement must be completed and attached to your clearing permit application.</p>	<p><input type="checkbox"/> Yes – clearing application reference (if known): CPS []</p> <p><input type="checkbox"/> Yes – a valid EP Act clearing permit already applies: CPS []</p> <p><input type="checkbox"/> No – this application includes clearing (please complete Sections 4.13 to 4.19 above)</p> <p><input checked="" type="checkbox"/> No – permit not required (no clearing of native vegetation)</p> <p><input type="checkbox"/> No – permit not required (clearing referral decision): CPS []</p> <p><input type="checkbox"/> No – an exemption applies (explain why):</p> <div style="border: 1px solid black; height: 40px; width: 100%; margin-top: 5px;"></div>
<p>6.4 Have you applied or do you intend to apply for a Country Area Water Supply Act 1947 licence?</p> <p>If a clearing exemption applies in a <i>Country Area Water Supply Act 1947</i> (CAWS Act) controlled catchment, or if compensation has previously been paid to retain the subject vegetation, a CAWS Act clearing licence is required.</p> <p>If yes, contact the relevant DWER regional office for a Form 1 <i>Application for licence</i>.</p> <p>Map of CAWS Act controlled catchments</p>	<p><input type="checkbox"/> Yes – application reference (if known): []</p> <p><input type="checkbox"/> No – a valid licence applies: []</p> <p><input checked="" type="checkbox"/> No – licence not required</p>
Water licences and permits (<i>Rights in Water and Irrigation Act 1914</i>)	
<p>6.5 Have you applied, or do you intend to apply for:</p> <ol style="list-style-type: none"> 1. a licence or amendment to a licence to take water (surface water or groundwater); or 2. a licence to construct wells (including bores and soaks); or 3. a permit or amendment to a permit to interfere with the bed and banks of a watercourse? <p>For further guidance on water licences and permits under the <i>Rights in Water and Irrigation Act 1914</i>, refer to the Procedure: Water licences and permits.</p>	<p><input type="checkbox"/> Yes – application reference (if known): []</p> <p><input checked="" type="checkbox"/> No – a valid licence / permit applies: [GWL161847]</p> <p><input type="checkbox"/> No – an exemption applies (explain why):</p> <div style="border: 1px solid black; height: 40px; width: 100%; margin-top: 5px;"></div> <p><input type="checkbox"/> No – licence / permit not required</p>
Part 7: Other approvals and consultation	
<p>INSTRUCTIONS:</p> <ul style="list-style-type: none"> Please provide copies of all relevant documentation indicated below, including any conditions, exclusions, or expiry dates. “Major Project” means: <ul style="list-style-type: none"> ➢ A State Development Project, where the lead agency is the Department of Jobs, Tourism, Science and Innovation (including projects to which a State Agreement applies); or ➢ A Level 2 or 3 proposal, as defined in the Department of Premier and Cabinet’s Lead Agency Framework. 	

Part 7: Other approvals and consultation				
		N/A	No	Yes
7.1	Is the proposal a Major Project?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.2	Is the proposal subject to a State Agreement Act?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
If yes, specify which Act:				
7.3	Has the proposal been allocated to a “Lead Agency” (as defined in the Lead Agency Framework)?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
If yes, specify Lead Agency contact details:				
7.4	Has the proposal been referred and/or assessed under the EPBC Act (Commonwealth)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If yes, please specify referral, assessment and/or approval number:				
7.5	Has the proposal obtained all relevant planning approvals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If planning approval is necessary but has not been obtained, please provide details indicating why:				
If planning approval is not necessary, please provide details indicating why:				
Existing landuse				
7.6	For renewals or amendment applications, are the relevant planning approvals still valid (that is, not expired)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.7	Has the proposal obtained all other necessary statutory approvals (not including any other DWER approvals identified in Part 6 of this application)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If no, please provide details of approvals already obtained, outstanding approvals, and expected dates for obtaining these outstanding approvals:				
Revision 4.0 of the North Capel Mine Closure Plan was approved in by DMPE July 2025 with the Mining Proposal – Stockpile Storage Area and Product Storage Shed North Capel, Reg ID: 500455				
		N/A	No	Yes
7.8	Has consultation been undertaken with parties considered to have a direct interest in the proposal (that is, interested parties or persons who are considered to be directly affected by the proposal)? DWER will give consideration to submissions from interested parties or persons in accordance with the Guideline: Industry Regulation Guide to Licensing .	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Attachments			N/A	Yes
7.9	Attachment 5: Other approvals and consultation documentation	Details of other approvals specified in Part 7 of this application, including copies of relevant decisions and any consultation undertaken with direct interest stakeholders have been provided and labelled Attachment 5.		<input type="checkbox"/>

Part 8: Applicant history				
Note:				
<ul style="list-style-type: none"> DWER will undertake an internal due diligence of the applicant’s fitness and competency based on DWER’s compliance records and the responses to Part 8 of the form. If you wish to provide additional information for DWER to consider in making this assessment, you may provide that information as a separate attachment (see Part 11). 				
		N/A	No	Yes
8.1	If the applicant is an individual, has the applicant previously held, or do they currently hold, a licence or works approval under Part V of the EP Act?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Part 8: Applicant history				
8.2	If the applicant is a corporation, has any director of that corporation previously held, or do they currently hold, a licence or works approval under Part V of the EP Act?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.3	If yes to 8.1 or 8.2 above, specify the name of company and/or licence or works approval number: Iluka Resources Limited L4557/1986/19			
8.4	If the applicant is an individual, has the applicant ever been convicted, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.5	If the applicant is a corporation, has any director of that corporation ever been convicted, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.6	If the applicant is a corporation, has any person concerned in the management of the corporation, as referred to in s.118 of the EP Act, ever been convicted of, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.7	If the applicant is a corporation, has any director of that corporation ever been a director of another corporation that has been convicted, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.8	With regards to the questions posed in 8.4 to 8.7 above, have any legal proceedings been commenced, whether convicted or not, against the applicant for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.9	Has the applicant had a licence or other authority suspended or revoked due to a breach of conditions or an offence under the EP Act or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.10	If the applicant is a corporation, has any director of that corporation ever had a licence or other authority suspended or revoked due to a breach of conditions or an offence under the EP Act or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.11	If the applicant is a corporation, has any director of that corporation ever been a director of another corporation that has ever had a licence or other authorisation suspended or revoked due to a breach of conditions or an offence under the EP Act or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.12	If yes to any of 8.4 to 8.11 above, you must provide details of any charges, convictions, penalties paid for an offence, and/or licences or other authorisations suspended or revoked: Iluka Resources Limited is an ASX listed company. Iluka is unable to provide details on Director histories for other companies.			

Part 9: Emissions, discharges, and waste

INSTRUCTIONS:

- Please see [Guideline: Risk Assessments](#) and provide all information relating to emission sources, pathways and receptors relevant to the application.
- You must provide details on sources of emissions (for example, kiln stack, baghouses or discharge pipelines) including fugitive emissions (for example, noise, dust or odour), types of emissions (physical, chemical, or biological), and volumes, concentrations and durations of emissions.
- The potential for emissions should be considered for all stages of the proposal (where relevant), including during construction, commissioning and operation of the premises.

Part 9: Emissions, discharges, and waste													
		No	Yes										
9.1	Are there potential emissions or discharges arising from the proposed activities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>										
If yes, identify all potential emissions and discharges arising from the proposed activities and complete Table 9.1: Emissions and discharges (below).													
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input checked="" type="checkbox"/> Gaseous and particulate emissions (e.g. emissions from stacks, chimneys or baghouses) </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Dust (e.g. from equipment, unsealed roads and/or stockpiles, etc.) </td> </tr> <tr> <td style="vertical-align: top;"> <input type="checkbox"/> Wastewater discharges (e.g. treated sewage, wash water, or process water discharged to lands or waters) </td> <td style="vertical-align: top;"> <input checked="" type="checkbox"/> Waste and leachate (e.g. emissions through seepage, leaks and spills of waste from storage, process and handling areas, etc.) </td> </tr> <tr> <td style="vertical-align: top;"> <input checked="" type="checkbox"/> Noise (e.g. from machinery operations and/or vehicle operations) </td> <td style="vertical-align: top;"> <input type="checkbox"/> Odour (e.g. from wastes accepted at putrescible landfills, storage or processing of waste or other odorous materials, etc.) </td> </tr> <tr> <td style="vertical-align: top;"> <input checked="" type="checkbox"/> Contaminated or potentially contaminated stormwater (e.g. stormwater with the potential to come into contact with chemicals or waste materials, etc.) </td> <td style="vertical-align: top;"> <input type="checkbox"/> Electromagnetic radiation¹ </td> </tr> <tr> <td style="vertical-align: top;"> <input type="checkbox"/> Other (please specify): [</td> <td style="vertical-align: top;">] </td> </tr> </table>				<input checked="" type="checkbox"/> Gaseous and particulate emissions (e.g. emissions from stacks, chimneys or baghouses)	<input type="checkbox"/> Dust (e.g. from equipment, unsealed roads and/or stockpiles, etc.)	<input type="checkbox"/> Wastewater discharges (e.g. treated sewage, wash water, or process water discharged to lands or waters)	<input checked="" type="checkbox"/> Waste and leachate (e.g. emissions through seepage, leaks and spills of waste from storage, process and handling areas, etc.)	<input checked="" type="checkbox"/> Noise (e.g. from machinery operations and/or vehicle operations)	<input type="checkbox"/> Odour (e.g. from wastes accepted at putrescible landfills, storage or processing of waste or other odorous materials, etc.)	<input checked="" type="checkbox"/> Contaminated or potentially contaminated stormwater (e.g. stormwater with the potential to come into contact with chemicals or waste materials, etc.)	<input type="checkbox"/> Electromagnetic radiation ¹	<input type="checkbox"/> Other (please specify): []
<input checked="" type="checkbox"/> Gaseous and particulate emissions (e.g. emissions from stacks, chimneys or baghouses)	<input type="checkbox"/> Dust (e.g. from equipment, unsealed roads and/or stockpiles, etc.)												
<input type="checkbox"/> Wastewater discharges (e.g. treated sewage, wash water, or process water discharged to lands or waters)	<input checked="" type="checkbox"/> Waste and leachate (e.g. emissions through seepage, leaks and spills of waste from storage, process and handling areas, etc.)												
<input checked="" type="checkbox"/> Noise (e.g. from machinery operations and/or vehicle operations)	<input type="checkbox"/> Odour (e.g. from wastes accepted at putrescible landfills, storage or processing of waste or other odorous materials, etc.)												
<input checked="" type="checkbox"/> Contaminated or potentially contaminated stormwater (e.g. stormwater with the potential to come into contact with chemicals or waste materials, etc.)	<input type="checkbox"/> Electromagnetic radiation ¹												
<input type="checkbox"/> Other (please specify): []												
<p>¹ Note that for electromagnetic radiation, copies/details of other relevant approvals (such as from the Department of Mines, Industry Regulation and Safety or the Radiological Council) must be provided where applicable.</p>													

Part 9: Emissions, discharges, and waste

Details of any pollution control equipment or waste treatment system, including any control mechanisms used to ensure proper operation of this equipment, must be included in the proposed controls column of the 'Emissions and discharges table' below. Details of management measures employed to control emissions should also be included. Please provide / attach any relevant documents (e.g. management plans, etc.). Additional rows may be added as required and/or further information may be included as an attachment (see Section 9.3).

Table 9.1: Emissions and discharges

	Source of emission or discharge	Emission or discharge type	Volume and frequency	Proposed controls (include in Attachment 6A if extensive or complex)	Location (on site layout plan – see 3.4)
1.	Dust – from SSA, RRSA & coal storage on IMG pad	Emissions to air	24 hrs/day	Distance to closest sensitive receptor (farmhouse to west of SSA on western side of Bussell Hwy) is over 1.1 km, consequently, impacts from dust are considered unlikely. Refer to supporting information in Attachment 8 for controls	
2.	Noise – from machinery operations and/or vehicle operations	Emissions to air	24 hrs/day	Impacts from noise emissions from the SSA, RRSA and IMG storage pad are unlikely to be significant. Iluka holds significant buffer lands around the operation and has a hotline for community complaints.	
3.	Stormwater - with the potential to come into contact with stockpile materials	Emissions to water	During high rainfall events	Refer to supporting information in Attachment 8 for controls.	
4.	Leachate - emissions to groundwater through seepage, from storage and handling areas	Emissions to water	During high rainfall events	Refer to supporting information in Attachment 8 for controls. Leach analysis for coal and overburden sand demonstrate low leachate risk. All material stored on compacted limestone base.	
5.	Gaseous and particulate emission – from proposed TDF trial program	Emissions to air	24 hrs/day (or duration of the trial)	As per SR2 plant emission controls specified with L4557/1986/19)	
6.					
7.					
8.					
9.					
10.					
11.					
12.					

Part 9: Emissions, discharges, and waste																																									
9.2	Waste-related activities at the premises²			No	Yes																																				
	Answer "yes" or "no" for the following questions and complete Table 9.2 (below).																																								
(a)	Is waste accepted at the premises?			<input checked="" type="checkbox"/>	<input type="checkbox"/>																																				
(b)	Is waste produced on the premises?			<input type="checkbox"/>	<input checked="" type="checkbox"/>																																				
(c)	Is waste processed on the premises?			<input checked="" type="checkbox"/>	<input type="checkbox"/>																																				
(d)	Is waste stored on the premises?			<input type="checkbox"/>	<input checked="" type="checkbox"/>																																				
(e)	Is waste buried on the premises?			<input type="checkbox"/>	<input checked="" type="checkbox"/>																																				
(f)	Is waste recycled on the premises?			<input checked="" type="checkbox"/>	<input type="checkbox"/>																																				
(g)	Is any of the waste listed in Table 9.2 (below) also considered a 'dangerous good' for the purposes of the Dangerous Goods Safety (Storage and Handling of Non-Explosives) Regulations 2007? ³			<input checked="" type="checkbox"/>	<input type="checkbox"/>																																				
	Specify, if yes:	Note – The primary waste generated, stored and buried at the site is solid kiln waste. The onsite disposal of the solid kiln waste at the premises is regulated by the Department of Water and Environmental Regulation (DWER) under L4557/1986/19. The outcome of the proposed alternate fuel trial will determine if there are changes to the waste stream.																																							
<p>² Copies / details of any other relevant approvals (e.g. from the Department of Health) must be provided where applicable.</p> <p>³ Wastes derived from the storage, handling, and use of dangerous goods may be considered hazardous and may need to be handled with the same precautions. Please refer to the Department of Mines, Industry Regulation and Safety's Dangerous Goods Safety information sheet for more information.</p> <p>Solid waste types must be described with reference to <i>Landfill Waste Classification and Waste Definitions 1996</i> (as amended from time to time) and the Environmental Protection (Controlled Waste) Regulations 2004 (Controlled Waste Regulations).</p> <p>Liquid waste types must be described with reference to the Controlled Waste Regulations.</p> <p>For further guidance on the definition of waste, refer to Fact Sheet: Assessing whether material is waste.</p>																																									
<p>Detail must be provided on storage type (for example, hardstand and containment infrastructure), capacity, likely storage volumes, and containment features (for example, lining and bunding).</p> <p>Additional rows may be added as required and/or further information may be included as an attachment (see Section 9.4).</p> <p>Table 9.2 Waste types</p> <table border="1"> <thead> <tr> <th></th> <th>Waste type</th> <th>Quantity (e.g. tonnes, litres, cubic metres)</th> <th>Waste activity infrastructure (including specifications)</th> <th>Monitoring (if applicable)</th> <th>Location (on site layout plan – see 3.4)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>							Waste type	Quantity (e.g. tonnes, litres, cubic metres)	Waste activity infrastructure (including specifications)	Monitoring (if applicable)	Location (on site layout plan – see 3.4)	1.						2.						3.						4.						5.					
	Waste type	Quantity (e.g. tonnes, litres, cubic metres)	Waste activity infrastructure (including specifications)	Monitoring (if applicable)	Location (on site layout plan – see 3.4)																																				
1.																																									
2.																																									
3.																																									
4.																																									
5.																																									
Attachments				N/A	Yes																																				
9.3	Attachment 6A: Emissions and discharges (if required)	If required, further information for Section 9.1 has been included as an attachment labelled Attachment 6A.		<input type="checkbox"/>	<input type="checkbox"/>																																				
9.4	Attachment 6B: Waste acceptance (if required)	If required, further information for Section 9.2 has been included as an attachment labelled Attachment 6B.		<input type="checkbox"/>	<input type="checkbox"/>																																				

Part 10: Siting and location
10.1 Sensitive land uses

What is/are the distance(s) to the nearest sensitive land use(s)?
A sensitive land use is a residence or other land use which may be affected by an emission or discharge associated with the proposed activities.

The closest sensitive receptors to the project site include the following distances: rural residences >1.1km, watercourse ~ 400m from SSA. Townsites, PDWSAs and ESAs are also identified and outlined in Table 10.2 below and in Attachment 7.

10.2 Nearby environmentally sensitive receptors and aspects

Identify in Table 10.2 (below):

- all instances of environmentally sensitive receptors that are known or suspected to be present within, or within close proximity to, the proposed prescribed premises boundary;
- the nature of the sensitive receptors (e.g. type of Threatened Ecological Community, species or threatened flora or fauna, etc.);
- their actual or approximate known distance and direction from the premises boundary (at the closest point/s); and
- if applicable, what measures have been or will be taken to ensure that sensitive receptors are not adversely impacted by any emissions or discharges from the premises.

Refer to the [Guideline: Environmental siting](#) for further guidance.

Table 10.2: Nearby environmentally sensitive receptors and aspects

Type / classification	Description	Distance + direction to premises boundary	Proposed controls to prevent or mitigate adverse impacts (if applicable)
Environmentally Sensitive Areas ¹	Wetland	1.5 km	No impacts expected however stormwater and dust controls will be in place.
Threatened Ecological Communities	Na		
Threatened and/or priority fauna	Na		
Threatened and/or priority flora	Na		
Aboriginal and other heritage sites ²	Capel 01/Northern Creek (Place ID 22161)	0.5 km	No impact on Northern Creek from construction of SSA expected; 500 m buffer. No impacts expected however stormwater and groundwater controls and monitoring will be in place.
Public drinking water source areas ³	Protection areas	>5 km	No impacts expected however stormwater controls will be in place. The North Capel site is subject to stringent ground and surface water monitoring under its current DWER license.
Rivers, lakes, oceans, and other bodies of surface water, etc.	Gynudup Brook and Northern Creek	~400 m	Stormwater and runoff management from Stockpile Storage Area. The North Capel site is subject to stringent ground and surface water monitoring under its current DWER license. Refer to Supporting Document (Attachment 8, section 5) for further environmental threat and management details.
Acid sulfate soils	Moderate to low risk of ASS occurring within 3m of the natural soil surface High to moderate risk of ASS beyond 3m of natural soil surface	Na	ASS were not intercepted during the construction of the SSA. The majority of the site has been previously mined and ASS are not expected to be encountered.

Part 10: Siting and location				
	Other			
<p>¹ Environmentally Sensitive Areas are as declared under the <i>Environmental Protection (Environmentally Sensitive) Notice 2005</i>. Refer to DWER's website ("Environmentally Sensitive Areas") for further information.</p> <p>² Refer to the Department of Planning, Lands and Heritage website for further information about Aboriginal heritage and other heritage sites.</p> <p>³ Refer to Water Quality Protection Note No.25: Land use compatibility tables for public drinking water source areas for further information.</p>				
10.3	Environmental siting context details	Provide further information including details on topography, climate, geology, soil type, hydrology, and hydrogeology at the premises. Refer section 3 (Existing Environment) in Attachment 8.		
Attachments		N/A	Yes	
10.4	Attachment 7: Siting and location	You must provide details and a map describing the siting and location of the premises, including identification of distances to sensitive land uses and/or any specified ecosystems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Part 11: Submission of any other relevant information				
Attachments		No	Yes	
11.1	Attachment 8: Additional information submitted	Applicants seeking to submit further information may include information labelled Attachment 8. If submitting multiple additional attachments, label them 8A, 8B, etc. Where additional documentation is submitted, please specify the name of documents below.	<input type="checkbox"/>	<input type="checkbox"/>
List title of additional document(s) attached:				

Part 12: Category checklist(s)				
Attachments		N/A	Yes	
12.1	Attachment 9: Category checklist(s)	DWER has developed category checklists to assist applicants with preparing their application. These checklists are available on DWER's website . The relevant category-specific checklist(s) must be completed and included with the application, labelled as Attachment 9. If attaching multiple category checklists, label them 9A, 9B, etc. Do not select "N/A" unless: <ul style="list-style-type: none"> a relevant category checklist is not yet published on DWER's website, or the application is for an amendment that does not propose changes to the method of operation, or change the inputs, outputs, infrastructure, equipment, emissions, or discharges of / from the premises. Note that that a category checklist(s) may still be required for renewal applications. You will be advised in your renewal notification letter (sent approximately twelve months before the licence expiry date) if you are required to provide the information identified in a category checklist. Where a category checklist is submitted, please specify which checklist(s) in the space below.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
List title(s) of category checklists attached:				

Part 13: Proposed fee calculation	
<p>INSTRUCTIONS: Different fee units apply for different fee components. Fee units may also have different amounts depending on the period in which the calculation is made. Once DWER has confirmed that the application submitted meets the relevant requirements of the EP Act, you will be issued an invoice with instructions for paying your application fee. Further information on fees can be found in the Fact Sheet: Industry Regulation fees, and on DWER's website.</p>	
13.1 Only the relevant fee calculations are to be completed as follows: <i>[mark the box to indicate section s completed]</i>	<input type="checkbox"/> Section 13.3 for works approval applications <input type="checkbox"/> Section 13.4 for licence / renewal applications <input type="checkbox"/> Section 13.5 for registration applications <input checked="" type="checkbox"/> Section 13.6 for amendment applications <input type="checkbox"/> Section 13.7 for applications requiring clearing of native vegetation
13.2 All information and data used for the calculation of proposed fees has been provided in accordance with Section 13.8.	<input type="checkbox"/>
13.3 Proposed works approval fee	
Proposed works approval fee (see Schedule 3 of the EP Regulations) Fees relate to the cost of the works, including all capital costs (inclusive of GST) associated with the construction and establishment of the works proposed under the works approval application. This includes, for example, costs associated with earth works, hard stands, drainage, plant hire, equipment, processing plant, relocation of equipment and labour hire. Costs exclude: - the cost of land - the cost of buildings to be used for purposes unrelated to the purposes in respect of which the premises are, or will become, prescribed premises - costs for buildings unrelated to the prescribed premises activity or activities - consultancy fees relating to the works.	
Fee component	Proposed fee
Cost of works: \$	\$

13.4 Proposed licence fee (new licences and licence renewals)		
Detailed licence fee calculations		
<p>Part 1 Premises component (see r.5D and Part 1 of Schedule 4 of the EP Regulations)</p> <p>The production or design capacity should be the maximum capacity of the premises. For most categories, the production or design capacity refers to an annual rate. The figure should be based on 24 hour operation for 365 days, unless there is another regulatory approval or technical reason that restricts operation.</p> <p>The premises component fee applies to the category in Part 1, Schedule 4 incurring the higher or highest amount of fee units in accordance with r.5D(2) of the EP Regulations.</p> <p>List all categories (insert additional rows as required). Use only the higher or highest amount of fee units to determine the Part 1 fee component.</p>		
Category	Production or design capacity	Fee units
Using the higher or highest amount of fee units, Part 1 component subtotal		\$
<p>Part 2 Waste (see r.5D(1a)(b) and Part 2 of Schedule 4 of the EP Regulations)</p> <p>If your premises includes one or more of the following categories specify any applicable Part 2 waste amounts. Do not include Part 3 waste components of these discharges in the below calculations.</p> <p>Categories: 5, 6, 7, 8, 9, 12, 14, 44, 46, 53, 54A, 70, 80, or 85B</p> <p>Part 2 waste means waste consisting of –</p> <ul style="list-style-type: none"> (a) tailings; or (b) bitterns; or (c) water to allow mining of ore; or (d) flyash; or (e) waste water from a desalination plant. <p>If the premises does not fall into one of the categories listed above, or there are no applicable Part 2 waste amounts, the sub total for this section will be \$0.</p> <p>Insert additional rows as required. Sum all Part 2 waste fees to determine the sub total.</p>		
Discharge quantity (tonnes/year)	Fee units	
Part 2 component subtotal		\$
<p>Part 3 Waste – Discharges to air, onto land, into waters (see Part 3 of Schedule 4 of the EP Regulations)</p> <p>Choose the appropriate location of the discharge and enter the discharge amount(s) in the units specified in the EP Regulations. This should be the amount of waste expected to be discharged over the next 12 months, expressed in the units and averaging period applicable for that waste kind (for example, g/minute or kg/day). Amounts can be measured, calculated, or estimated and can be based on data acquired over the previous 12 months, but should be based on the maximum premises capacity and not the forecast operating hours.</p> <p>Where there are discharges, all prescribed waste types must be considered in the fee calculation. If a specified waste type is not present in the discharge, this must be justified using an appropriate emission estimation technique (for example, sampling data, industry sector guidance notes, National Pollution Inventory guides and emission factors).</p>		

Discharges to air			
Discharges to air	Discharge rate (g/min)	Discharges to air	Discharge rate (g/min)
Carbon monoxide		Nickel	
Oxides of nitrogen		Vanadium	
Sulphur oxides		Zinc	
Particulates (Total PM)		Vinyl chloride	
Volatile organic compounds		Hydrogen sulphide	
Inorganic fluoride		Benzene	
Pesticides		Carbon oxysulphide	
Aluminium		Carbon disulphide	
Arsenic		Acrylates	
Chromium		Beryllium	
Cobalt		Cadmium	
Copper		Mercury	
Lead		TDI (toluene-2, 4-di-iso-cyanate)	
Manganese		MDI (diphenyl-methane di-iso-cyanate)	
Molybdenum		Other waste	
Part 3 component subtotal		\$	
Discharges onto land or into waters			Discharge rate
1. Liquid waste that can potentially deprive receiving waters of oxygen (for each kilogram discharged per day) —	(a) biochemical oxygen demand (in the absence of chemical oxygen demand limit)		
	(b) chemical oxygen demand (in the absence of total organic carbon limit)		
	(c) total organic carbon		
2. Bio-stimulants (for each kilogram discharged per day) —	(a) phosphorus		
	(b) total nitrogen		
3. Liquid waste that physically alters the characteristics of naturally occurring waters —	(a) total suspended solids (for each kilogram discharged per day)		
	(b) surfactants (for each kilogram discharged per day)		
	(c) colour alteration (for each platinum cobalt unit of colour above the ambient colour of the waters in each megalitre discharged per day)		
	(d) temperature alteration (for each 1°C above the ambient temperature of the waters in each megalitre discharged per day) — (i) in the sea south of the Tropic of Capricorn (ii) in other waters		

4. Waste that can potentially accumulate in the environment or living tissue (for each kilogram discharged per day) —	(a) aluminium	
	(b) arsenic	
	(c) cadmium	
	(d) chromium	
	(e) cobalt	
	(f) copper	
	(g) lead	
	(h) mercury	
	(i) molybdenum	
	(j) nickel	
	(k) vanadium	
	(l) zinc	
	(m) pesticides	
	(n) fish tainting wastes	
(o) manganese		
5. <i>E. coli</i> bacteria as indicator species (in each megalitre discharged per day) —	(a) 1,000 to 5,000 organisms per 100 ml	
	(b) 5,000 to 20,000 organisms per 100 ml	
	(c) more than 20,000 organisms per 100 ml	
6. Other waste (per kilogram discharged per day) —	(a) oil and grease	
	(b) total dissolved solids	
	(c) fluoride	
	(d) iron	
	(e) total residual chlorine	
	(f) other	
Part 3 component subtotal		\$
Summary – Proposed licence fee		
Part 1 Component		
Part 2 Component		
Part 3 Component		
Total proposed licence fees:		\$
13.5 Prescribed fee for registration		
A fee of 24 units applies for an application for registration of premises, unless the occupier of the premises holds a licence in respect of the premises, in accordance with r.5B(2)(c) of the EP Regulations.		<input type="checkbox"/> (Tick to acknowledge)

13.6 Amendment fee (works approval or licence)		
The fee prescribed for an application for an amendment to a works approval or licence is calculated in accordance with r.5BB(1)(a) of the EP Regulations: <ul style="list-style-type: none"> for a single category of prescribed premises to which the works approval or licence relates, by using the fee unit number corresponding to the prescribed premises category and relevant design capacity threshold in Schedule 4 Part 1 of the EP Regulations. for multiple categories of prescribed premises to which the works approval or licence relates, by using the highest fee unit number corresponding to the prescribed premises categories and design capacity threshold in Schedule 4 Part 1 of the EP Regulations. 		
Fee Units	Proposed fee	
13.7 Prescribed fee for clearing permit		
In accordance with the Guideline: Industry Regulation Guide to Licensing and Procedure: Native vegetation clearing permits , where approval to clear native vegetation is sought as part of an application for a works approval or licence, DWER may elect to either jointly or separately determine the clearing component of the application. Where DWER separately determines the clearing component of an application, the application will be deemed to be an application for a clearing permit under s.51E of the EP Act and processed accordingly. Note: If a clearing permit application has been separately submitted and accepted by DWER, a refund for the clearing permit application will not be provided where DWER determines to address clearing requirements as part of a related works approval application.	<input checked="" type="checkbox"/> (Tick to acknowledge)	
13.8 Information and data used to calculate proposed fees		
The detailed calculations of fee components, including all information and data used for the calculations are to be provided as attachments to this application, labelled as Attachment 10 , with an appropriate suffix (for example 10A, 10B etc.). Please specify the relevant attachment number in the space/s provided below.		
Proposed fee for works approval	Attachment No.	
Details for cost of works		
Proposed fee for licence	Attachment No.	
Part 1: Premises		
Part 2: Waste types		
Part 3: Discharges to air, onto land, into waters		
Part 14: Commercially sensitive or confidential information		
<p>NOTE: Information submitted as part of this application will be made publicly available. If you wish to submit commercially sensitive or confidential information, please identify the information in Attachment 11, and include a written statement of reasons why you request each item of information be kept confidential. Information submitted later in the application process may also be made publicly available at DWER's discretion. For any commercially sensitive or confidential information, please follow the same process as described above. DWER will take reasonable steps to protect genuinely confidential or commercially sensitive information. However, please note that DWER cannot commit to redacting all personal information from all supporting documents. You are advised to ensure that all personal information, including signatures, are removed from supporting documents prior to submitting them to the department. Please note that all submitted information may be the subject of an application for release under the <i>Freedom of Information Act 1992</i>.</p>		
All information which you would propose to be exempt from public disclosure has been separately placed in a redacted version of the application form and its supporting documentation. Note that this is in addition to the unredacted version(s) provided to DWER for its assessment. Grounds for claiming exemption in accordance with Schedule 1 to the <i>Freedom of Information Act 1992</i> must be specified in Attachment 11 (located at the end of this form).	Attached <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Part 15: Submission of application

INSTRUCTIONS:

Check one of the boxes below to nominate how you will submit your application.

Files larger than 50MB cannot be received via email by DWER. Files larger than 50MB can be sent via File Transfer. Alternatively, email DWER to make other arrangements.

A full, signed, electronic copy of the application form including all attachments has been submitted via email to info@dwer.wa.gov.au;

OR

A signed, electronic copy of the application form has been submitted via email to info@dwer.wa.gov.au and attachments have been submitted via File Transfer, or electronically by other means as arranged with DWER;

OR

A full, signed hard copy has been sent to:
 APPLICATION SUBMISSIONS
 Department of Water and Environmental Regulation
 Locked Bag 10
 Joondalup DC WA 6919

Part 16: Declaration and signature

General

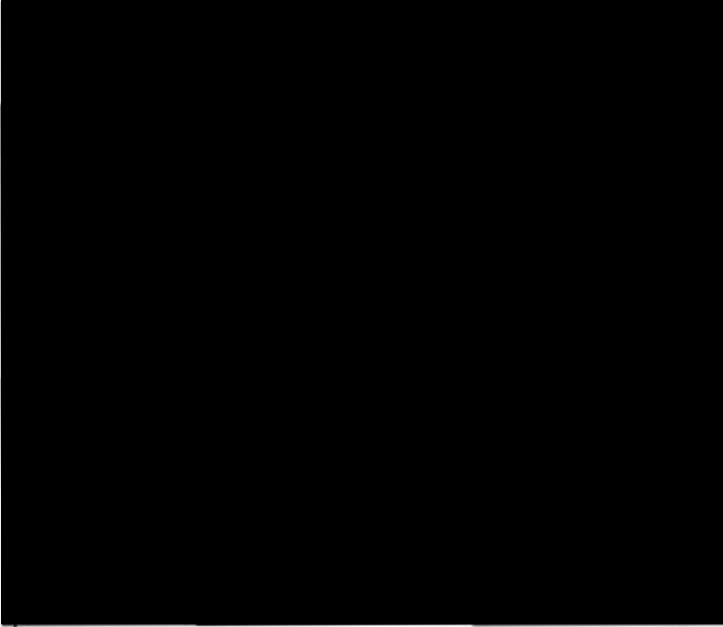
I / We confirm and acknowledge that:

- the information contained in this application is true and correct;
- I / we have legal authority to sign on behalf of the applicant (where authorisation provided);
- I / we have not altered the requirements and instructions set out in this application form;
- I / we have provided a valid email address in Section 2.3 for receipt of correspondence electronically via email from DWER in relation to this application;
- that successful delivery to my / our server constitutes receipt of correspondence sent electronically via email from DWER in relation to this application; and
- I / we have provided a valid postal and/or business address in Section 2.4 for the service of all Part V documents.
- giving or causing to be given information that to my knowledge is false or misleading is an offence under s.112 of the EP Act and may incur a penalty of up to \$100,000.

Publication

I / We confirm and acknowledge:

- this application (including all attachments apart from the sections identified in Attachment 11) is a public document and may be published;
- marine surveys provided in accordance with Part 5 will be published and used, for the purposes of the IMSA project, in accordance with your declaration made in the *Metadata and Licensing Statement*;
- all necessary consents for the publication of information have been obtained from third parties;
- information considered exempt from public disclosure has been noted by redaction of a separately provided copy of the completed application form and its supporting documentation (in accordance with Part 14), with reasons as to why the information should be exempt in accordance with the grounds specified in Schedule 1 to the *Freedom of Information Act 1992 (WA)* being provided in Attachment 11;
- subsequent information provided in relation to this application will be a public document and may be published unless written notice has been given to DWER by the applicant, at the time the information is provided, claiming that the information is considered exempt from public disclosure; and
- the decision to not publish information will be at the discretion of the CEO of DWER and will be made consistently with the provisions of the *Freedom of Information Act 1992 (WA)*.



10 December 2025

Date

Date

NOTE: This form may be signed:

- if the applicant is an individual, by the individual;
- if the applicant is a corporation, by:
 - the common seal being affixed in accordance with the *Corporations Act 2001 (Cth)*; or
 - two directors; or
 - a director and a company secretary; or
 - if a proprietary company has a sole director who is also the sole company secretary, by that director; and
- by a person with legal authority to sign on behalf of the applicant.

ATTACHMENT 11 – Confidential or commercially sensitive information

Request for exemption from publication			
Information which you consider should not be published, on the grounds of a relevant exemption found in Schedule 1 to the <i>Freedom of Information Act 1992</i> (WA), must be specified in this Attachment. Add additional rows as required.			
NOT FOR PUBLICATION IF GROUNDS FOR EXEMPTION ARE DETERMINED TO BE ACCEPTABLE			
Section of this form:		Grounds for claiming exemption:	
Section of this form:		Grounds for claiming exemption:	
Section of this form:		Grounds for claiming exemption:	
<div style="border-bottom: 1px solid black; margin-bottom: 10px;"></div> Full Name			
Signature		Date	

Attachment 1A – Proof of occupier status

9-8 761

DATED 20th April 1926

Wellington Location 3345

A. 221 — R. 0 — P. 0

GRANT

TO

Mary Gillman Gutmanson
of Brooks Farm
Capel

FEE PAID
A6/6143
9/8

WMS-48



Instrument stamped 3/9.
Mortgage 1626/1933 Mary Collier Gutmann to The Union Bank of
Australia Limited Registered 24th April 1933 at [REDACTED]

Discharge 3303 1933 of Mortgage 1626
10th November 1933 at 12.15 oc [REDACTED]

Instrument stamped £117.6.
Mortgage 3809/1949 Colin James Forrest to
The Commercial Bank of Australia Limited Registered 24th May 1949 at 10.20 oc [REDACTED]

DISCHARGE 10469/1950 of Mortgage 3809/1949
Registered 24th November 1950 at 9.50 oc [REDACTED]

General Lien stamped £4-12-6
MORTGAGE 14884/1950 Colin James Forrest
to
The Commercial Bank of Australia Limited
Registered 24th November 1950 at 9.50 oc [REDACTED]

DISCHARGE 27024/1954 of Mortgage 14884/1950
Registered 18th March 1954 at 12.15 oc [REDACTED]

MORTGAGE 2022/1954 Colin James Forrest
to
The Bunbury Diocesan Trustees.
to secure £3500.
Registered 18th March 1954 at 12.15 oc [REDACTED]

Discharge 4705/1961 of Mortgage 2022/1954 Registered
2nd May 1961 at 10.34 oc [REDACTED]

WESTERN AUSTRALIA.

George the Fifth by the Grace of God, of the United Kingdom of Great Britain and Ireland, and of the British Dominions beyond the Seas, King, Defender of the Faith, Emperor of India. To all to whom these Presents shall come, GREETING: Know Ye that We, of our especial Grace, certain knowledge, and mere motion have given and granted, and We do by these Presents, for Us, Our heirs and successors, in consideration of the payment of the sum of £110:10:0 and the fulfilment of the prescribed conditions to the satisfaction of Our Governor of Our State of Western Australia, Give and Grant unto Mary Ellenor Gutmann of Capel in Our said State, Married Woman

(hereinafter called the Grantee), ALL THAT Tract or Parcel of Land situate and being in the District of Wellington in Our said State, containing Two hundred and twenty one acres more or less and marked and distinguished in the Maps and Books of the Survey Office of Our said State as Wellington Location 3345 as the same is delineated and coloured green in the plan drawn in the margin hereof; TOGETHER with all Profits, Commodities, Hereditaments, and Appurtenances whatsoever thereunto belonging, or in anywise appertaining. To HAVE AND TO HOLD the said Tract or Parcel of Land, and all and singular the Premises hereby granted, with their appurtenances, unto the said Grantee, her heirs, and assigns for ever; she and they yielding and paying for the same to Us, Our heirs and successors, one peppercorn of yearly rent on the twenty-fifth day of March in each year, or so soon thereafter as the same shall be lawfully demanded. PROVIDED, NEVERTHELESS, that it shall at all times be lawful for Us, Our heirs and successors, or for any person or persons acting in that behalf by our or their authority, to resume and enter upon possession of any part of the said Lands which it may at any time by Us, Our heirs and successors, be deemed necessary to resume for making any roads, tramways, railways, railway stations, bridges, canals, towing paths, or other works of public utility or convenience, and such Lands so resumed to hold to Us, Our heirs and successors, as of Our or their former estate without making to the said Grantee, her heirs and assigns, any compensation in respect thereof; so, nevertheless, that the Lands so to be resumed shall not exceed one-twentieth part in the whole of the Lands aforesaid, and that no such resumption be made of any Lands upon which any buildings may have been erected, or which may be in use as gardens, or otherwise, for the more convenient occupation of any such buildings; and provided, also, that it shall be lawful at all times for Us, Our heirs and successors, or for any person or persons acting in that behalf by Our or their authority, to cut and take away any such indigenous timber, and to carry away, search, and dig for any stones or other materials which may be required for making or keeping in repair any roads, tramways, railways, railway stations, bridges, canals, towing paths, or other works of public utility or convenience: And we do hereby save and reserve to Us, Our heirs and successors, all mines of Gold, Silver, and other precious metals, in and under the said Land, with full liberty at all times to search and dig for, and carry away the same; and for that purpose to enter upon the said Lands or any part thereof.

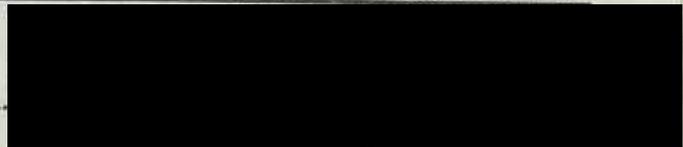
IN WITNESS whereof We have caused Our trusty and well-beloved, COLONEL SIR WILLIAM ROBERT CAMPION, Knight Commander of the Most Distinguished Order of Saint Michael and Saint George, Distinguished Service Order, Governor in and over the State of Western Australia and its Dependencies, in the Commonwealth of Australia, to affix to these Presents the Public Seal of the said State.

Sealed this Twentieth day of April, One thousand nine hundred and twenty-four



S. 2.

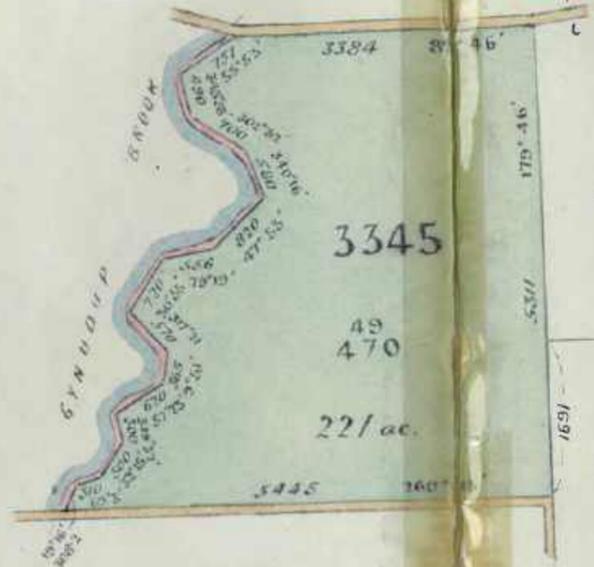
Grant under "Land Regulations of Western Australia."



The bearings on the Plan below are true or thereabouts, the measurements more or less, and a post has been placed at each corner of the lot

Sec. 187

Application 112/1946 - On the 26th June 1945 Mary Ellenor Gutmann died and on the 30th August 1945 probate of her will was granted to Mary Kristabel Edwards of 23 Bay Road Claremont, married woman and Margaret Ellen Forrest of Bowden via Doonbrook, married woman, the executrices therein named.



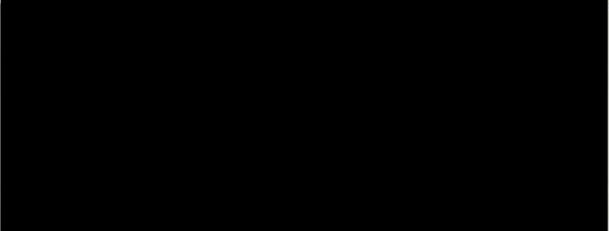
Scale: 20 chains to an inch.
 Surveyed by G. A. Turner
 Dtd: 6/1/19. Cont: 186/92
 D.R. Esd. Cav

Transfer 635/1946 Transferred to Margaret Ellen Forrest of Loddon via Downy Brook
 Married Woman Registered 16th January 1946 at 3.28 o'clock

Transfer 4584/1949 Transferred to Colin J. Farmer. Registered 31st March 1949 at 4

Transfer 7427/1962 to Australian Oil & Gas Place, Perth. Registered 2nd May 1962, at 11.15

Transfer 35564/63 to Western Mining Proprietary Limited of Perth. Registered 18th June 1963



112
 56
 4

WHEREUPON WE SAID, by the Grace of God, of certain Hereditary Tenements, and more motion, have given and granted, and We do by these Presents, for Us, Our heirs and successors, it shall come, GRANTING: Know Yethat We, of Our especial Grace, certain knowledge, and mere motion, have given and granted, and We do by these Presents, for Us, Our heirs and successors, it of the payment of the sum of £60 8 6 and the fulfilment of the prescribed conditions to the satisfaction of Our Governor of Our State of West Give and Grant unto Sarah Jane Davis of Capel, in Our said State, W

(Administration of the Estate of Joseph Davis, deceased)

hereinafter called the Grantee, the natural surface and so much of the land as is below the natural surface to a depth of 200 feet of all that Tract or Parcel of Land situate the District of Wellington, in Our said State, containing 98 acres 2 roods 25 perches 3719 -

and marked and distinguished in the Maps and Books of the Department of Lands and Surveys of Our said State as Wellington Location 3719 - and as the same is delineated and coloured green in the plan drawn hereon; together with all Profits, Commodities, Hereditaments, and Appurtenances whatsoever thereto belonging, or in anywise To HAVE AND TO HOLD the said Tract or Parcel of Land to the depth aforesaid, and all and singular the Premises hereby granted, with their appurtenances, unto the said Grantee, in fee simple. PAYING for the same to Us, our heirs and successors, one peppercorn of yearly rent on the twenty-fifth day of March in each year, or so soon thereafter as the same shall be lawfully demanded NEVERTHELESS, that it shall at all times be lawful for Us, Our heirs and successors, or for any person or persons acting in that behalf by Our or their authority, to resume and enter upon possession of said land which it may at any time by Us, Our heirs and successors, be deemed necessary to resume for roads, tramways, railways, railway stations, bridges, canals, towing paths, harbour or river imp drainage, or irrigation works, or quarries, and generally for any other works or purposes of public use, utility, or convenience, and for the purpose of exercising the power to search for minerals hereinaft such Lands so resumed to hold to Us, Our heirs and successors, as of Our or their former estate without making to the said Grantee, or any person claiming under her, any compensation in otherwise than is provided by Section 4 of the Land Act Amendment Act, 1920, so nevertheless, that the land so to be resumed shall not exceed one-twentieth part in the whole of the lands aforesaid such resumption be made of the part of any lands upon which any buildings may have been erected, or which may be in use as gardens, or otherwise, for the more convenient occupation of any such building compensation: AND PROVIDED, Also, that it shall be lawful at all times for Us, Our heirs and successors, or for any person or persons acting in that behalf, by Our or their authority, to cut and take indigenous timber, and to search and dig for and carry away any stones or other materials which may be required for making or keeping in repair any roads, tramways, railways, railway stations, bridges paths, harbour works, breakwaters, river improvements, drainage or irrigation works, and generally for any other works or purposes of public use, utility, or convenience, without making to the said person claiming under her, any compensation in respect thereof; and We do hereby save and reserve to Us, Our heirs and successors, all Mines of Gold, Silver, Copper, Tin, or other minerals, or other substances containing metals, and all gems or precious stones and coal or mineral oil and all phosphatic substances in and under the said land, with full liberty at all time dig for and carry away the same; and for that purpose to enter upon the said lands or any part thereof.

In WITNESS whereof We have caused Our trusty and well-beloved THE HONOURABLE SIR JAMES MCGOWAN, Knight Commander of the Most Distinguished Michael and Saint George, Lieutenant-Governor in and over the State of Western Australia and its Dependencies, in the Commonwealth of Australia these Presents the Public Seal of the said State.

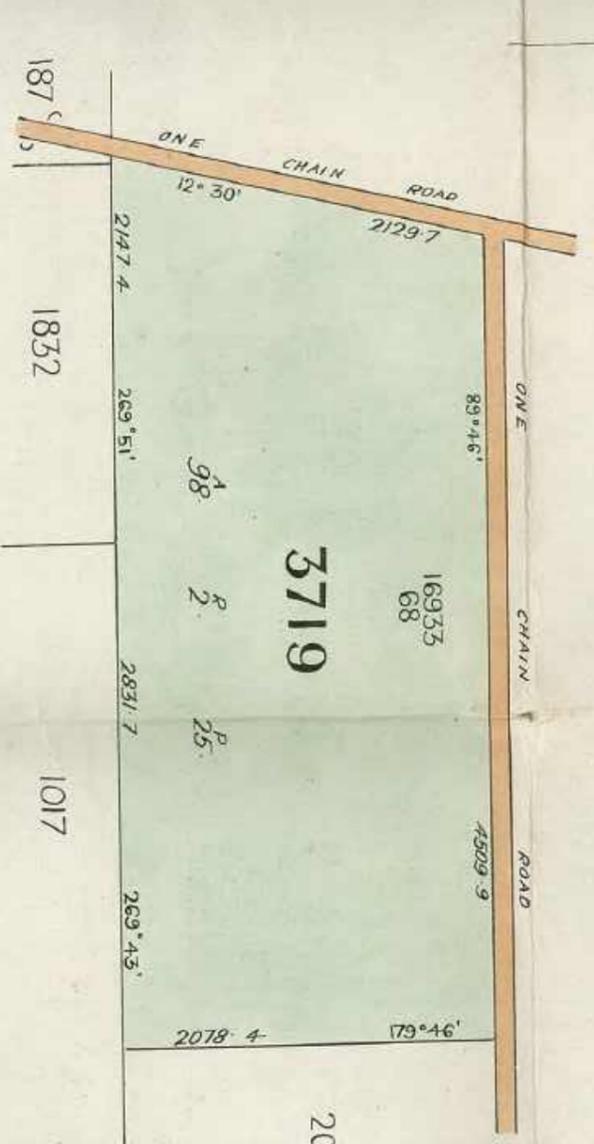
Scaled this thirteenth day of July One thousand nine hundred and eighty three Miss M. J. L.

Transfer 9962/1938. Transferred to Cecil Leonard Sutton of B
Registered 16th November 1938 at 2.50 a/c.

Transfer 16375/1947. Transferred to Beverly A. S.
of Capel, Farmer. Registered 14th November
at 10.45 a/c.

Transfer 14608/1961 to Australasia C
44 Parliament Place, Perth, W
September 1961 at 9.36 a/c

Transfer 355 64/63 to Australasia
Prohibitory Limited of 1944 for
said Registered 18th June



Scale 10 chains to the inch.
Surveyed by F.K.P.H.
Corr: 6389/22 Diag: 40588
4/30/40 F.I. 2/28/28 Ex'd

Acting Surveyor General

Mortgage 6810/1938. Cecil Leonard Nutton to The Bunbury Diocesan
the Diocesan Registry Stephen Street Bunbury to secure £250. Re
16th November 1938 at 2.50 0/0

Discharge 2970/1940 of Mortgage 6810/1938. Registered 16th July 1940 at 10.35 0/0

Collateral to General Lien stamped £1
Mortgage 3313/1940 Cecil Leonard Nutton to The Commercial Bank of Australia Limited
16th July 1940 at 10.35 0/0

Discharge 8770/1947 of Mortgage 3313/1940. Registered
1947 at 10.45 0/0

Collateral to guarantee stamped £2.15.0
Mortgage 9600/1947 Beverly Arthur Eaton to The Union
of Australia Limited. Registered 16th November 1947 at 10.45 0/0

TRANSFER 5469/1952 of Mortgage 9600/1947 to
Australia and New Zealand Bank Limited of 84
Saint George's Terrace, Perth.
Registered 1st April 1952 at 3.40 0/0

Discharge 9132/1961 of Mortgage
9600/1947. Registered 29th
1961 at 9.36 0/0

H. Blackmore
Assistant Registrar of Titles

WMS-49.

DATED

19th

July

1938

Wellington Pasakom 3719

A

R.

P.

GRANT

14313 1/2

TO

56th Vict., No. 14, Section 18, and registered.

Vol.

1057

Folio 527

Date 25th July 1938

INDEXED.
B.M.
LANDS.

S. 2.

WESTERN



AUSTRALIA.

INDEXED.

REGISTER BOOK.

Land *Chs. 10/2*
Permit *Chs. 10/2*
Lease *5/17/00*
Name *J. W. B.*
Vol. *1063* Fol. *762*
RECEIPT.
C.L. No.

George the Sixth, by the Grace of God, of Great Britain, Ireland, and the British Dominions beyond the Seas, King, Defender of the Faith, Emperor of India. To all to whom these Presents shall come, GREETING: Know Ye that We, of Our especial Grace, certain knowledge, and mere motion, have given and granted, and We do by these Presents, for Us, Our heirs and successors, in consideration of the payment of the sum of £ 50 " 0 " 0 and the fulfilment of the prescribed conditions to the satisfaction of Our Governor of Our State of Western Australia, Give and Grant unto

Felix Guy Roberts and Maxwell Gordon Bentley, both of Capel, in Our said State, Farmers (Executors of the Will of Frank Albert Roberts, deceased) (hereinafter called the Grantee; ALL THAT Tract or Parcel of Land situate and being in the District of Wellington

in Our said State, containing one hundred acres more or less and marked and distinguished in the Maps and Books of the Survey Office of Our said State as Wellington location 4453 as the same is delineated and coloured green in the plan drawn in the margin hereof; TOGETHER with all Profits, Commodities, Hereditaments, and Appurtenances whatsoever thereunto belonging, or in anywise appertaining. To HAVE AND TO HOLD the said Tract or Parcel of Land, and all and singular the Premises hereby granted, with their appurtenances, unto the said Grantee, in fee simple, ^{as joint tenants} holding and paying for the same to Us, Our heirs and successors, one peppercorn of yearly rent on the twenty-fifth day of March in each year, or so soon thereafter as the same shall be lawfully demanded. PROVIDED, NEVERTHELESS, that it shall at all times be lawful for Us, Our heirs and successors, or for any person or persons acting in that behalf by Our or their authority, to resume and enter upon possession of any part of the said Lands which it may at any time by Us, Our heirs and successors, be deemed necessary to resume for making any roads, tramways, railways, railway stations, bridges, canals, towing paths, or other works of public utility or convenience, and such Lands so resumed to hold to Us, Our heirs and successors, as of Our or their former estate without making to the said Grantee or any person claiming under them, any compensation in respect thereof; so, nevertheless, that the Lands so to be resumed shall not exceed one-twentieth part in the whole of the Lands aforesaid, and that no such resumption be made of any Lands upon which any buildings may have been erected, or which may be in use as gardens, or otherwise, for the more convenient occupation of any such buildings; and provided, also, that it shall be lawful at all times for Us, Our heirs and successors, or for any person or persons acting in that behalf by Our or their authority, to cut and take away any such indigenous timber, and to carry away, search, and dig for any stones or other materials which may be required for making or keeping in repair any roads, tramways, railways, railway stations, bridges, canals, towing-paths, or other works of public utility or convenience: And we do hereby save and reserve to Us, Our heirs and successors, all Mines of Gold, Silver, and other Precious Metals, in and under the said Land, with full liberty at all times to search and dig for, and carry away the same; and for that purpose to enter upon the said Lands or any part thereof.

IN WITNESS whereof We have caused Our trusty and well-beloved THE HONOURABLE SIR JAMES MITCHELL, Knight Commander of the Most Distinguished Order of Saint Michael and Saint George, Lieutenant-Governor in and over the State of Western Australia and its Dependencies, in the Commonwealth of Australia, to affix to these Presents the Public Seal of the said State.

Scaled this Tenth day of November, One thousand nine hundred and thirty-nine.

Grant under Land Regulations of Western Australia, 1887.

ENTERED ON
day of
[Redacted]

J. W. B.
Minister for Lands.

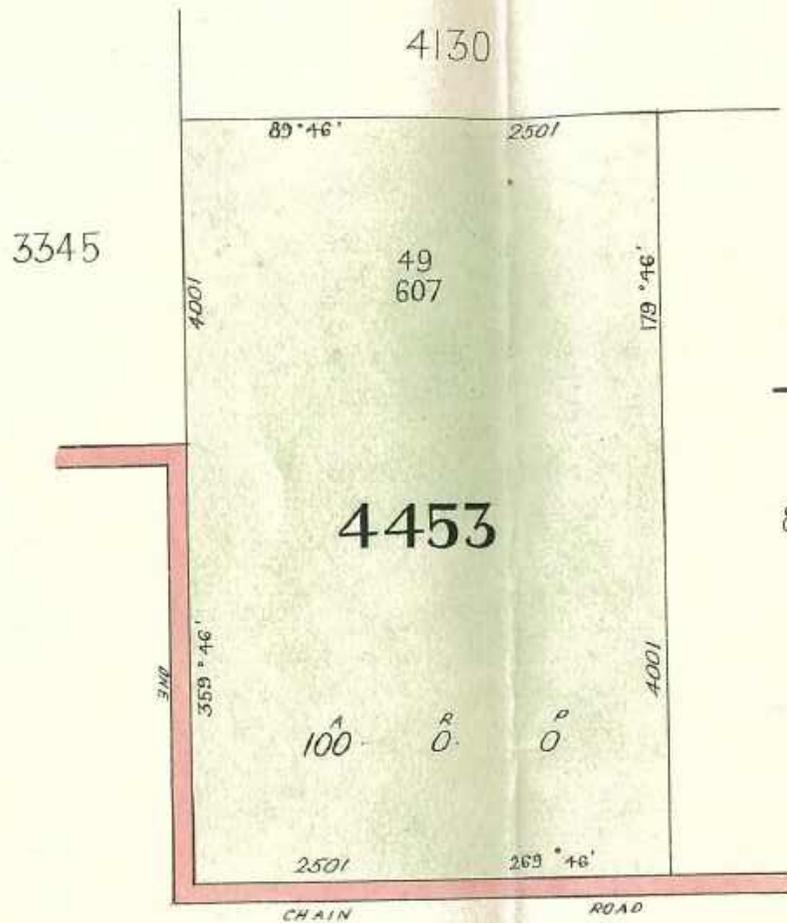
Certificate of Title under the Transfer of Land Act, 1893.

THE above-named Grantee is now the registered proprietor of an estate in fee simple subject to the easements and encumbrances notified hereunder in all the land d
Dated the fifteenth day of November, One thousand nine hundred and thirty-nine.

The bearings on the Plan below are true or thereabouts, the measurements more or less, and a post has been placed at each corner of the location.....

PLAN HEREIN REFERRED TO :

TRANSFER 17583/1955 to Felix Guy Roberts of Capel, Farmer
Registered 15th November 1955 at 90 Assd



Application A76248 - On the 24th February 1966 Felix Guy Roberts died and on the 31st August 1967 Probate of his Will was granted to Maisie Roberts of Flat 2, 58 Hale Road, Wembley Downs, Widow, one of the executrices therein named, Mary Jane Roberts, the other executrix therein named, having predeceased the said deceased.

28th August, 1968. A [redacted] LES.

840
Transfer E575209 to Westralian Sands Limited of Jenkin Road, Capel.
Registered 18th April, 1991 at 15.41 hrs.



Scale 10 chains to the inch
Surveyed by G.R. Turner
Corr: 1093/94 - Diag. 59/139
4130/40 F.I.
F.20

[redacted signature]

Surveyor General

For encumbrances and other matters affecting the land see back.



Application A749794 WESTERN
Volume 1098 Folio 160

AUSTRALIA

REGISTER BOOK VOL. FOL.
1365 874

CERTIFICATE OF TITLE

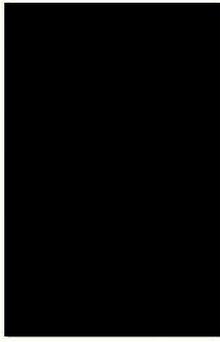
UNDER THE "TRANSFER OF LAND ACT, 1893" AS AMENDED

874
FOL.

I certify that the person described in the First Schedule hereto is the registered proprietor of the undermentioned estate in the undermentioned land subject to the easements and encumbrances shown in the Second Schedule hereto.

1365
VOL.

DATED 13th November, 1973



Page 1 (of 2 pages)

ESTATE AND LAND REFERRED TO

Estate in fee simple in portion of Wellington Location 4130 and being Lot 7 the subject of Diagram 45177, delineated and coloured green on the map in the Third Schedule hereto.

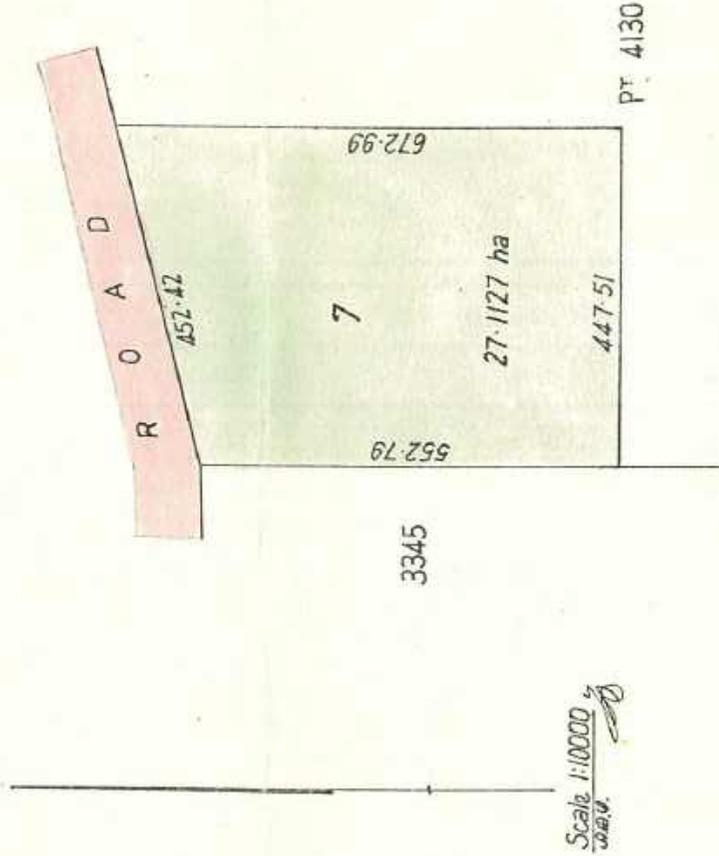
FIRST SCHEDULE (continued overleaf)

Douglas Bruce Scott of Irwin Paddy Elgin, Farmer.

SECOND SCHEDULE (continued overleaf)



THIRD SCHEDULE



NOTE: RULING THROUGH AND SEALING WITH THE OFFICE SEAL INDICATES THAT AN ENTRY NO LONGER HAS EFFECT. ENTRIES NOT RULED THROUGH MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS.

WMS - 42

FIRST SCHEDULE (continued)		NOTE: RULING THROUGH AND SEALING WITH THE OFFICE SEAL INDICATES THAT AN ENTRY NO LONGER HAS EFFECT. ENTRIES NOT RULED THROUGH MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS.						
REGISTERED PROPRIETOR		INSTRUMENT		REGISTERED	TIME	SEAL	INITIALS	
		NATURE	NUMBER					
<u>Western Mineral Sands Proprietary Limited of Capel.</u>		Transfer	A749795	13.11.73	2.53			

SECOND SCHEDULE (continued)		NOTE: RULING THROUGH AND SEALING WITH THE OFFICE SEAL INDICATES THAT AN ENTRY NO LONGER HAS EFFECT. ENTRIES NOT RULED THROUGH MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS.									
INSTRUMENT		PARTICULARS	REGISTERED	TIME	SEAL	INITIALS	CANCELLATION	NUMBER	REGISTERED OR LODGED	SEAL	INITIALS
NATURE	NUMBER										



Application A749796 WESTERN
Volume 1098 Folio 160

REGISTER BOOK VOL. 1365 FOL. 875

CERTIFICATE OF TITLE

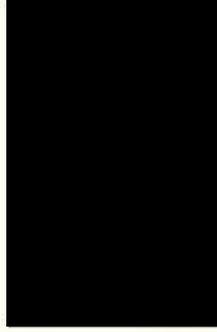
UNDER THE "TRANSFER OF LAND ACT, 1893" AS AMENDED

875
FOL.

I certify that the person described in the First Schedule hereto is the registered proprietor of the undermentioned estate in the undermentioned land subject to the easements and encumbrances shown in the Second Schedule hereto.

1365
VOL.

DATED 13th November, 1973



ESTATE AND LAND REFERRED TO

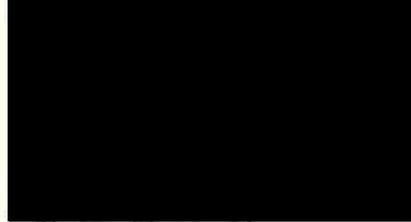
Estate in fee simple in portion of Wellington Location 4130, delineated and coloured green on the map in the Third Schedule hereto.

FIRST SCHEDULE (continued overleaf)

~~Douglas Bruce Scott of Irwin Farm, Elgin, Farmer.~~

SECOND SCHEDULE (continued overleaf)

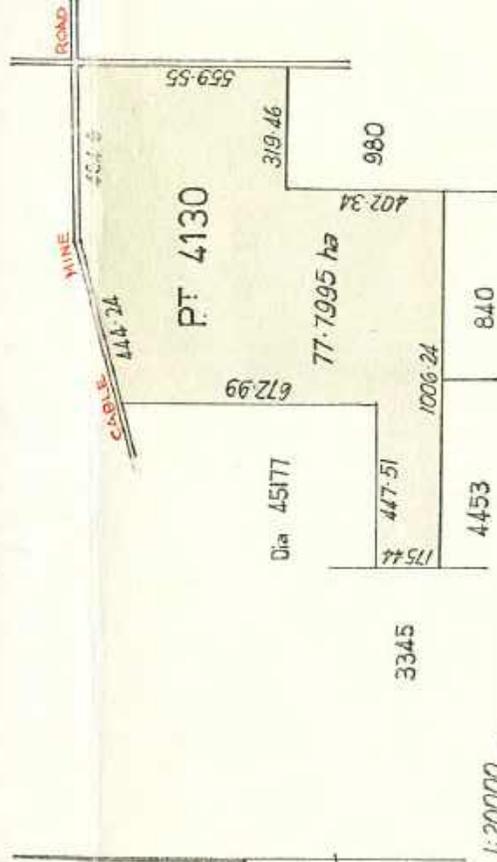
1. MORTGAGE 75271/64 to ~~Australian Mutual Provident Society~~. Registered 3.11.64 at 9.36 o'clock. Discharged C939946 18.1.85
2. MORTGAGE A344172 to ~~Australia and New Zealand Bank Limited~~. Registered 11.11.70 at 11.21 o'clock. Discharged B574706 17.8.78
3. MORTGAGE A344173 to ~~Australia and New Zealand Banking Group Limited~~. Registered 11.11.70 at 11.22 o'clock. Discharged B574706 17.8.78
4. MORTGAGE A344174 to ~~Sunny West Co-operative Dairies Limited~~. Registered at 11.22 o'clock. Discharged B613744 2.11.78



Medwards

REGISTRAR OF TITLES

THIRD SCHEDULE



Scale 1:20000

NOTE: RULING THROUGH AND SEALING WITH THE OFFICE SEAL INDICATES THAT AN ENTRY NO LONGER HAS EFFECT. ENTRIES NOT RULED THROUGH MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS.

FIRST SCHEDULE (continued)		NOTE: RULING THROUGH AND SEALING WITH THE OFFICE SEAL INDICATES THAT AN ENTRY NO LONGER HAS EFFECT. ENTRIES NOT RULED THROUGH MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS.						
REGISTERED PROPRIETOR		INSTRUMENT		REGISTERED	TIME	SEAL	INITIALS	
		NATURE	NUMBER					
Douglas Bruce Scott, Douglas MacArthur Scott, and Ashley William Scott, all of Irwin Farm, Elgin, Farmers, as tenants in common in equal shares.		Transfer	B273633	11.1.77	3.14			
Ashley William Scott of Irwin Farm Elgin, Farmer.		Transfer	B574708	17.8.78	9.21			
Westralian Sands Ltd of Jenkin Road, Capel.		Transfer	G662007	12.12.97	14.46			

SECOND SCHEDULE (continued)		NOTE: RULING THROUGH AND SEALING WITH THE OFFICE SEAL INDICATES THAT AN ENTRY NO LONGER HAS EFFECT. ENTRIES NOT RULED THROUGH MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS.									
INSTRUMENT		PARTICULARS	REGISTERED	TIME	SEAL	INITIALS	CANCELLATION	NUMBER	REGISTERED OR LODGED	SEAL	INITIALS
NATURE	NUMBER										
Mortgage	A889651	to Commonwealth Development Bank of Australia.	4.11.74	2.35		J	Discharged	B388574	17.8.77		
Mortgage	B388575	to Commonwealth Development Bank of Australia.	17.8.77	3.38		J	Discharged	C939949	18.1.85		
Mortgage	B574711	to Australia and New Zealand Banking Group Limited.	17.8.78	9.21		J	Discharged	C939944	18.1.85		
Mortgage	B682206	to Australia and New Zealand Banking Group Limited	21.3.79	9.17		J	Discharged	C939943	18.1.85		
Mortgage	C939950	to The Equity Trustees Executors & Agency Co. Ltd.	12.2.85	9.12		J	Discharged	F367024	16.11.93		
Extension	D837413	of Mortgage C939950.	5.8.88	14.53		J	By Discharge	F367024	16.11.93		
Extension	E529159	of Mortgage C939950.	17.1.91	10.48		J	By Discharge	F367024	16.11.93		
Mortgage	F511542	to Australia & New Zealand Banking Group Ltd.	11.4.94	8.58		J	Discharged	G662006	12.12.97		

*(B555) 6662007
Steve Anderson + Pidgeon*

Application C542491
Volume 1643 Folio 614

WESTERN



AUSTRALIA

REGISTER BOOK
VOL. 1643 FOL. 615

CERTIFICATE OF TITLE

UNDER THE "TRANSFER OF LAND ACT, 1893" AS AMENDED

Page 1 (of 2 pages)
VOL. 1643 FOL. 615

I certify that the person described in the First Schedule hereto is the registered proprietor of the undermentioned estate in the undermentioned land subject to the easements and encumbrances shown in the Second Schedule hereto



Dated 2nd May, 1983

VOL. 1643

REGISTRAR OF TITLES

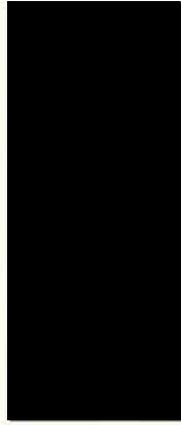
ESTATE AND LAND REFERRED TO

Estate in fee simple in portion of each of Wellington Locations 188 and 1056 and being Lot 1 on Plan 14174, delineated and coloured green on the map in the Third Schedule hereto.

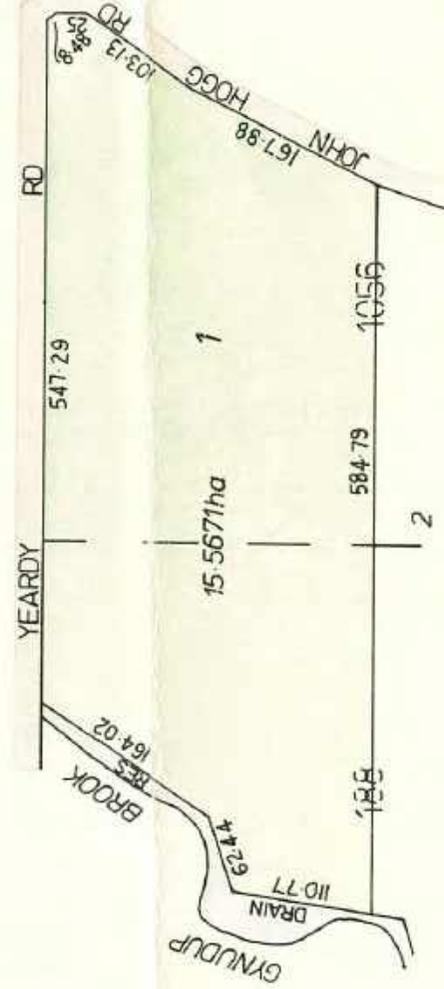
FIRST SCHEDULE (continued overleaf)

Western Mineral Sands Proprietary Limited of Darwin Road, Capei.

SECOND SCHEDULE (continued overleaf)



THIRD SCHEDULE



SCALE 1:6000
JH

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

NOTE: RULING THROUGH AND SEALING WITH THE OFFICE SEAL INDICATES THAT AN ENTRY NO LONGER HAS EFFECT. ENTRIES NOT RULED THROUGH MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS.

Application C542491

WESTERN

AUSTRALIA

REGISTER BOOK
VOL. FOL.

Volume 1643 Folio 614

1643 616



CERTIFICATE OF TITLE

UNDER THE "TRANSFER OF LAND ACT, 1893" AS AMENDED

Page 1 (of 2 pages)
FOL. 616

VOL. 1643

I certify that the person described in the First Schedule hereto is the registered proprietor of the undermentioned estate in the undermentioned land subject to the easements and encumbrances shown in the Second Schedule hereto.



Dated 2nd May, 1983

ESTATE AND LAND REFERRED TO

Estate in fee simple in portion of each of Wellington Locations 95, 188 and 1056 and being Lot 2 on Plan 14174, delineated and coloured green on the map in the Third Schedule hereto.



FIRST SCHEDULE (continued overleaf)

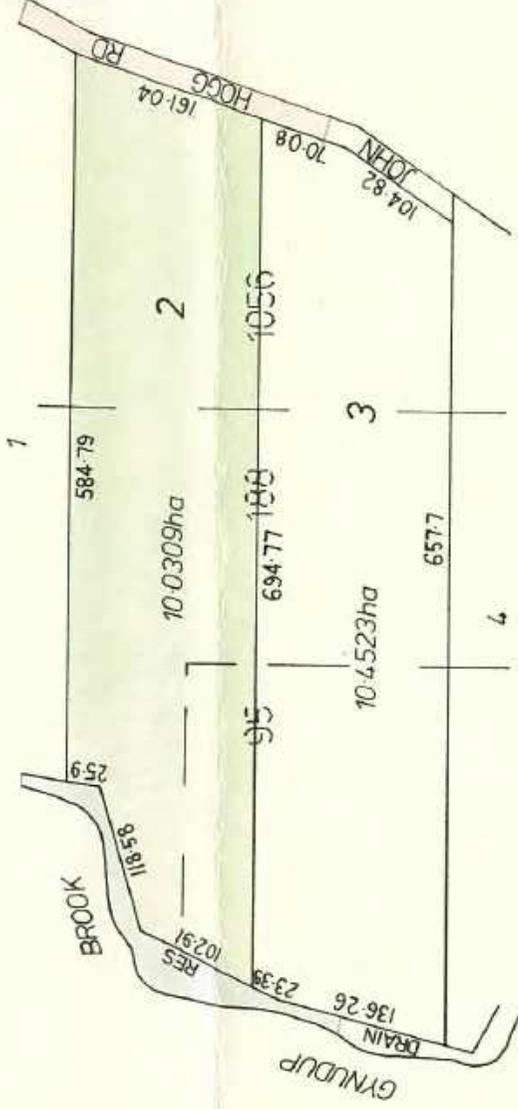
Western Mineral Sands Proprietary Limited of Jenkin Road, Capel.

SECOND SCHEDULE (continued overleaf)

NIL



THIRD SCHEDULE



SCALE 1:6000
JH

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

NOTE: RULING THROUGH AND SEALING WITH THE OFFICE SEAL INDICATES THAT AN ENTRY NO LONGER HAS EFFECT. ENTRIES NOT RULED THROUGH MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS.

REGISTER BOOK
VOL. FOL.
1643 - 617



AUSTRALIA

Application C542491
Volume 1643 Folio 614
WESTERN

CERTIFICATE OF TITLE

UNDER THE 'TRANSFER OF LAND ACT, 1893' AS AMENDED

FOL. 617

I certify that the person described in the First Schedule hereto is the registered proprietor of the undermentioned estate in the undermentioned land subject to the easements and encumbrances shown in the Second Schedule hereto.

VOL. 1643

Dated 2nd May, 1983



ES

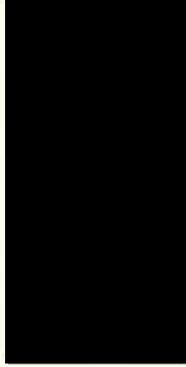
ESTATE AND LAND REFERRED TO

Estate in fee simple in portion of each of Wellington Locations 95, 188 and 1056 and being Lot 3 on Plan 14174, delineated and coloured green on the map in the Third Schedule hereto.

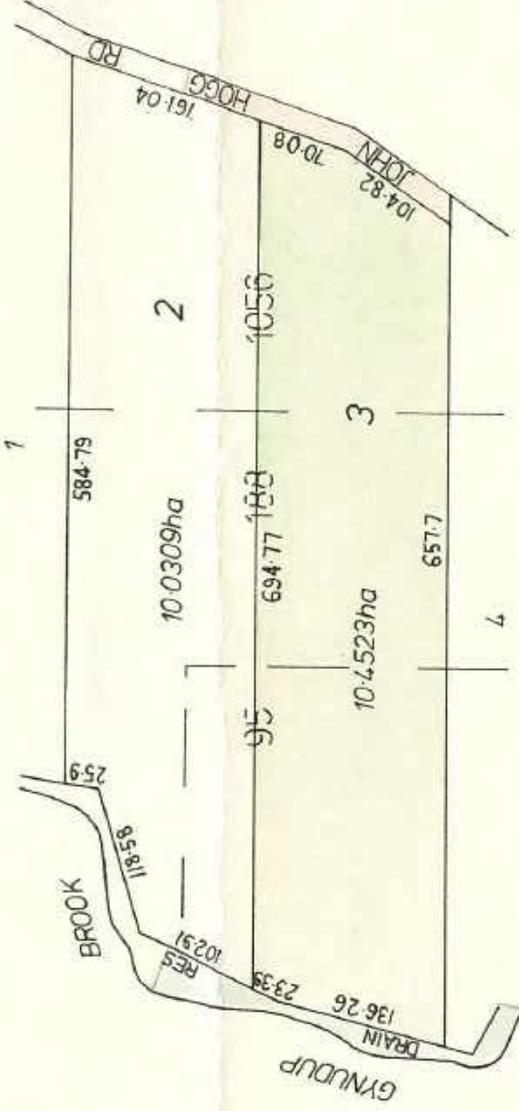
FIRST SCHEDULE (continued overleaf)

Western Mineral Sands Proprietary Limited of Jenkin Road, Capel.

SECOND SCHEDULE (continued overleaf)



THIRD SCHEDULE



SCALE 1:6000

Application C542491

Volume 1643 Folio 614

WESTERN

AUSTRALIA



REGISTER BOOK
VOL. FOL.
1643 618

CERTIFICATE OF TITLE

UNDER THE "TRANSFER OF LAND ACT, 1893" AS AMENDED

Page 1 (of 2 pages)
VOL. 1643
FOL. 618

I certify that the person described in the First Schedule hereto is the registered proprietor of the undermentioned estate in the undermentioned land subject to the easements and encumbrances shown in the Second Schedule hereto.



Dated 2nd May, 1983

REGISTRAR OF TITLES

ESTATE AND LAND REFERRED TO

Estate in fee simple in portion of each of Wellington Locations 95, 188, 1056 and 2628 and being Lot 4 on Plan 14174, delineated and coloured green on the map in the Third Schedule hereto.

As to the said Location 2628 only: limited however to the natural surface and therefrom to a depth of 60.96 metres.

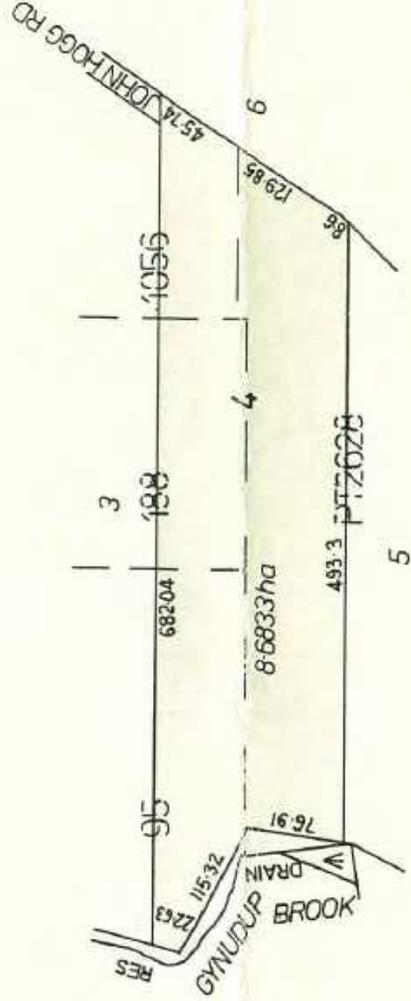
FIRST SCHEDULE (continued overleaf)

Western Mineral Sands Proprietary Limited of Jenkin Road, Capel.

SECOND SCHEDULE (continued overleaf)

NIL.
[Redacted]

THIRD SCHEDULE



SCALE 1:6000
JH

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

NOTE: RULING THROUGH AND SEALING WITH THE OFFICE SEAL INDICATES THAT AN ENTRY NO LONGER HAS EFFECT. ENTRIES NOT RULED THROUGH MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS.

Application C542491

Volume 1643 Folio 614

WESTERN



AUSTRALIA

REGISTER BOOK VOL. 1643 FOL. 619

CERTIFICATE OF TITLE

UNDER THE "TRANSFER OF LAND ACT, 1893" AS AMENDED

Page 1 (of 2 pages)

1643 VOL.

Dated 2nd May, 1983

ESTATE AND LAND REFERRED TO

REGISTRAR OF TITLES



Estate in fee simple in portion of each of Wellington Locations 2628 and 4417 and being Lot 5 on Plan 14174, delineated and coloured green on the map in the Third Schedule hereto, limited however to the natural surface and therefrom to a depth of 60.96 metres.

FIRST SCHEDULE (continued overleaf)

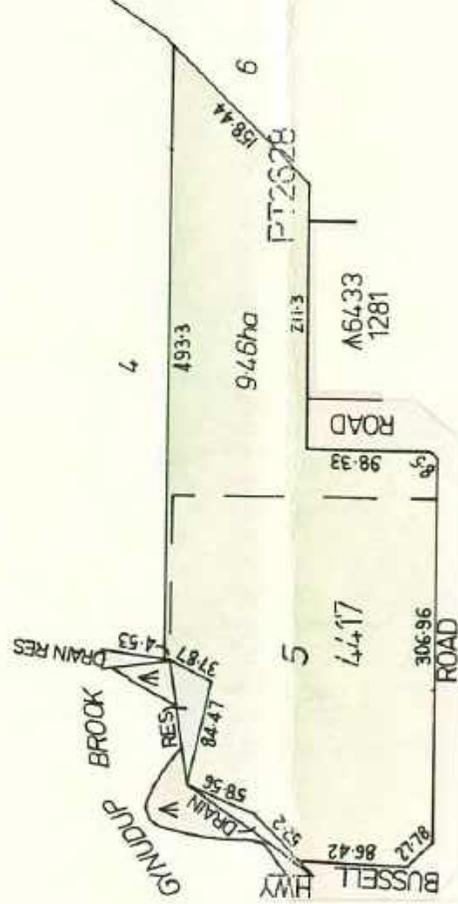
Western Mineral Sands Proprietary Limited of Jenkin Road, Capel.

SECOND SCHEDULE (continued overleaf)

NIL.

THIRD SCHEDULE

I certify that the person described in the First Schedule hereto is the registered proprietor of the undermentioned estate in the undermentioned land subject to the easements and encumbrances shown in the Second Schedule hereto.



SCALE 1:6000
JH

555A
Exam - Bunbury
L267980



WESTERN



AUSTRALIA

REGISTER NUMBER 2029/DP140136	
DUPLICATE EDITION 1	DATE DUPLICATE ISSUED 16/7/2010

DUPLICATE CERTIFICATE OF TITLE
UNDER THE TRANSFER OF LAND ACT 1893

VOLUME
1812

FOLIO
809

The person described in the first schedule is the registered proprietor of an estate in fee simple in the land described below subject to the reservations, conditions and depth limit contained in the original grant (if a grant issued) and to the limitations, interests, encumbrances and notifications shown in the second schedule.



LAND DESCRIPTION:

LOT 2029 ON DEPOSITED PLAN 140136

REGISTERED PROPRIETOR:
(FIRST SCHEDULE)

ILUKA RESOURCES LTD OF PO BOX 96, CAPEL

(AN L267979) REGISTERED 24 MARCH 2010

LIMITATIONS, INTERESTS, ENCUMBRANCES AND NOTIFICATIONS:
(SECOND SCHEDULE)

1. THE LAND THE SUBJECT OF THIS CERTIFICATE OF TITLE EXCLUDES ALL PORTIONS OF THE LOT DESCRIBED ABOVE EXCEPT THAT PORTION SHOWN IN THE SKETCH OF THE SUPERSEDED PAPER VERSION OF THIS TITLE.
2. F277798 LEASE TO WA CHIP AND PULP CO PTY LTD OF 12TH FLOOR, 263 ADELAIDE TERRACE, PERTH EXPIRES: SEE LEASE. AS TO PORTION ONLY. REGISTERED 13.8.1993.
L267980 EXTENSION OF LEASE F277798 . REGISTERED 24.3.2010.
L267980 THE ADDRESS OF THE LESSEE IS NOW POST OFFICE BOX 2453, BUNBURY REGISTERED 24.3.2010.

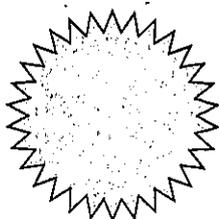
Warning: A current search of the certificate of title held in electronic form should be obtained before dealing on this land.
Lot as described in the land description may be a lot or location.

-----END OF DUPLICATE CERTIFICATE OF TITLE-----

STATEMENTS:

The statements set out below are not intended to be nor should they be relied on as substitutes for inspection of the land and the relevant documents or for local government, legal, surveying or other professional advice.

SKETCH OF LAND: 1812-809 (2029/DP140136).
PREVIOUS TITLE: 1313-850.
PROPERTY STREET ADDRESS: NO STREET ADDRESS INFORMATION AVAILABLE.
LOCAL GOVERNMENT AREA: SHIRE OF CAPEL.



Certificate of Title

Certificate of Title

This certificate of title is a valuable document that is protected by overt and covert security features, including a thermochromic icon on the front of this document. To test, gently rub the icon. The icon should momentarily disappear then return. The absence of this feature could indicate a fraudulent certificate of title.

WA0635971

555A
Exam - Bunbury
L267981



WESTERN



AUSTRALIA

REGISTER NUMBER 557/DP251582	
DUPLICATE EDITION 1	DATE DUPLICATE ISSUED 16/7/2010

DUPLICATE CERTIFICATE OF TITLE
UNDER THE TRANSFER OF LAND ACT 1893

VOLUME
1812

FOLIO
811

The person described in the first schedule is the registered proprietor of an estate in fee simple in the land described below subject to the reservations, conditions and depth limit contained in the original grant (if a grant issued) and to the limitations, interests, encumbrances and notifications shown in the second schedule.



LAND DESCRIPTION:

LOT 557 ON DEPOSITED PLAN 251582

REGISTERED PROPRIETOR:
(FIRST SCHEDULE)

ILUKA RESOURCES LTD OF PO BOX 96, CAPEL

(AN L267979) REGISTERED 24 MARCH 2010

LIMITATIONS, INTERESTS, ENCUMBRANCES AND NOTIFICATIONS:
(SECOND SCHEDULE)

1. THE LAND THE SUBJECT OF THIS CERTIFICATE OF TITLE EXCLUDES ALL PORTIONS OF THE LOT DESCRIBED ABOVE EXCEPT THAT PORTION SHOWN IN THE SKETCH OF THE SUPERSEDED PAPER VERSION OF THIS TITLE.
2. D545212 EASEMENT BURDEN SEE SKETCH ON VOL 1812 FOL 811. REGISTERED 16.9.1987.
3. TITLE EXCLUDES THE LAND SHOWN ON S.O. DIAGRAM 89510.

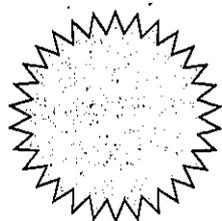
Warning: A current search of the certificate of title held in electronic form should be obtained before dealing on this land.
Lot as described in the land description may be a lot or location.

-----END OF DUPLICATE CERTIFICATE OF TITLE-----

STATEMENTS:

The statements set out below are not intended to be nor should they be relied on as substitutes for inspection of the land and the relevant documents or for local government, legal, surveying or other professional advice.

SKETCH OF LAND: 1812-811 (557/DP251582).
PREVIOUS TITLE: 1313-851.
PROPERTY STREET ADDRESS: LOT 557 BENTLEY DR, CAPEL.
LOCAL GOVERNMENT AREA: SHIRE OF CAPEL.



Certificate of Title

Certificate of Title

This certificate of title is a valuable document that is protected
by overt and covert security features,
including a thermochromic icon on the front of this document.
To test, gently rub the icon. The icon should momentarily disappear then return.
The absence of this feature could indicate a fraudulent certificate of title.

WA0635972

LT. 38
PRP31 (CPR)

Transfer E723175
Volume 675 Folio 62

WESTERN



AUSTRALIA

REGISTER BOOK
VOL. 1918 FOL. 538

CERTIFICATE OF TITLE

UNDER THE "TRANSFER OF LAND ACT, 1893" AS AMENDED

I certify that the person described in the First Schedule hereto is the registered proprietor of the undermentioned estate in the undermentioned land subject to the easements and encumbrances shown in the Second Schedule hereto.

Dated 23rd October, 1991



ESTATE AND LAND REFERRED TO

Estate in fee simple in Wellington Location 840, delineated on the map in the Third Schedule hereto.

FIRST SCHEDULE (continued overleaf)

~~Christopher Lindsay Scott and Christine Jessie Scott, both of R.M.B. 406, Boyanup, as joint tenants.~~

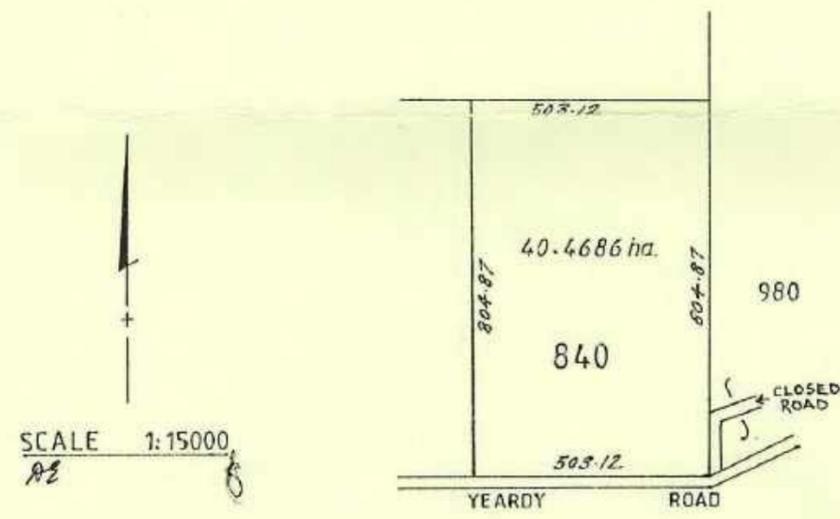
SECOND SCHEDULE (continued overleaf)

NIL

THIRD SCHEDULE

Page 1 (of 2 pages)
1918 VOL.
538 FOL.

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON



NOTE: ENTRIES MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS.

Hold

FIRST SCHEDULE (continued)		NOTE: ENTRIES MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS					
REGISTERED PROPRIETOR		INSTRUMENT		REGISTERED	TIME	SEAL	CERT. OFFICER
		NATURE	NUMBER				
Westralian Sands Limited of Jenkin Road, Capel.		Transfer	F807581	17.3.95	15.15		

SECOND SCHEDULE (continued)		NOTE: ENTRIES MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS									
INSTRUMENT		PARTICULARS	REGISTERED	TIME	SEAL	CERT. OFFICER	CANCELLATION	NUMBER	REGISTERED OR LODGED	SEAL	CERT. OFFICER
NATURE	NUMBER										
		<p><i>Stee Anderson & Ridgeon</i> <i>F 807581</i> <i>(B555) 28/3/95</i></p>									

CERTIFICATE OF TITLE VOL. ^{SAP}1918 FOL ^{HL 275}538

Transfer F609921
Volume 1266 Folio 505

WESTERN



AUSTRALIA

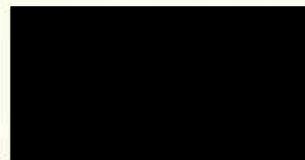
REGISTER BOOK
VOL. FOL.

2015 91

CERTIFICATE OF TITLE

UNDER THE "TRANSFER OF LAND ACT, 1893" AS AMENDED

I certify that the person described in the First Schedule hereto is the registered proprietor of the undermentioned estate in the undermentioned land subject to the easements and encumbrances shown in the Second Schedule hereto.



Dated 26th August, 1994

ESTATE AND LAND REFERRED TO

Estate in fee simple in Wellington Location 979, delineated on the map in the Third Schedule hereto, limited however to the natural surface and therefrom to a depth of 60.96 metres.

FIRST SCHEDULE (continued overleaf)

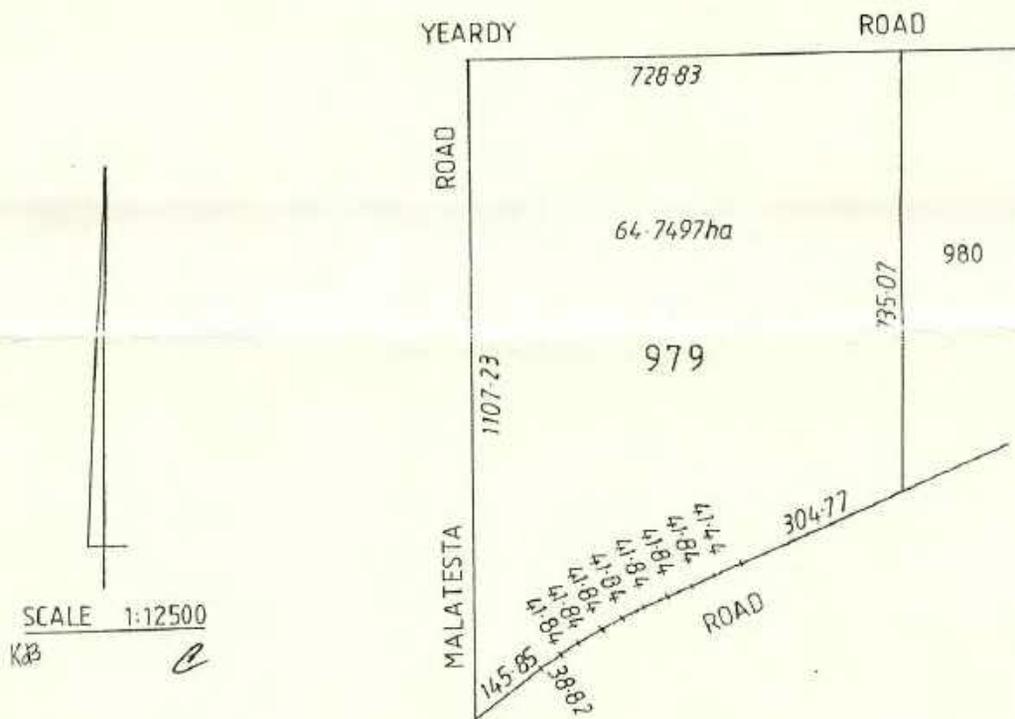
Andrew James Higgins of Capel

SECOND SCHEDULE (continued overleaf)

- MORTGAGE F609923 to Norman John Hart of 17 Cooke Street, Bunbury.

Discharged F937484 21.8.95

THIRD SCHEDULE



Page 1 (of 2 pages) 2015 VOL. 91 FOL.

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

Application 991683

WESTERN



AUSTRALIA

REGISTER BOOK VOL. FOL.

Volume 1779 Folio 964

2054 896

INCLUDES CLOSED ROAD LAND ACT 1933

CERTIFICATE OF TITLE

UNDER THE "TRANSFER OF LAND ACT, 1893" AS AMENDED

Page 1 (of 2 pages) 2054 896 VOL. FOL.

I certify that the person described in the First Schedule hereto is the registered proprietor of the undermentioned estate in the undermentioned land subject to the easements and encumbrances shown in the Second Schedule hereto.

Dated 27th September, 1995



PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

ESTATE AND LAND REFERRED TO

Estate in fee simple in portion of each of Wellington Locations 1056 and 2628 and being part of Lot 6 on Plan 14174, delineated on the map in the Third Schedule hereto. As to the said Location 2628 only: limited however to the natural surface and therefrom to a depth of 60.96 metres.

FIRST SCHEDULE (continued overleaf)

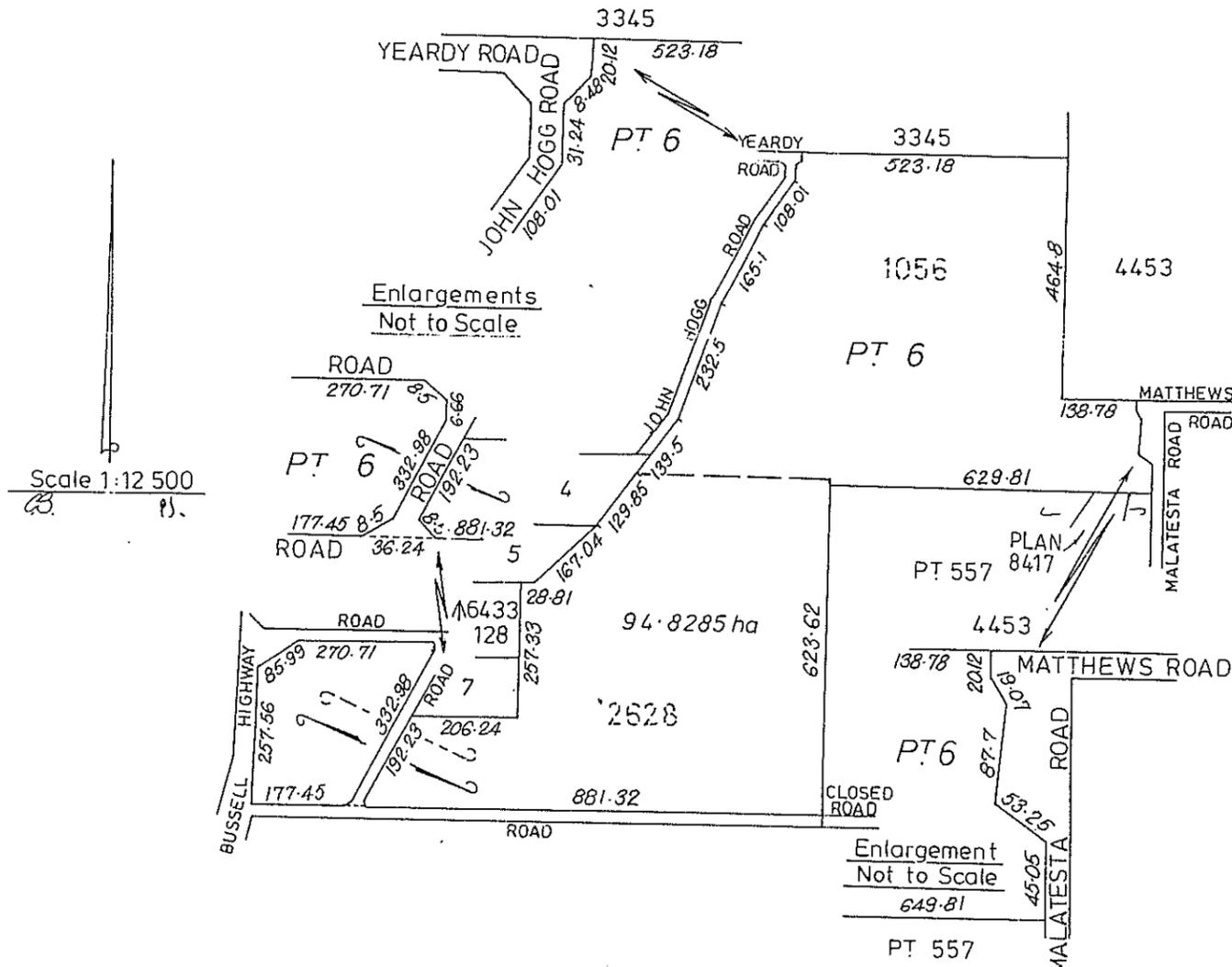
Westralian Sands Ltd., of Jenkin Road, Capel.

SECOND SCHEDULE (continued overleaf)

1. ~~MORTGAGE D173763 to National Australia Bank Ltd., Australia & New Zealand Banking Group Ltd. and The Long-Term Credit Bank of Japan Ltd., of 2-4 Otemachi 1-Chome, Chiyoda-Ku, Tokyo, Japan. Registered 24.12.85 at 10.53 o.d.~~

Discharged G478648 19.5.97

THIRD SCHEDULE



NOTE: ENTRIES MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS.

FIRST SCHEDULE (continued)		NOTE: ENTRIES MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS				
REGISTERED PROPRIETOR	INSTRUMENT		REGISTERED	TIME	SEAL	CERT. OFFICER
	NATURE	NUMBER				

SECOND SCHEDULE (continued)		NOTE: ENTRIES MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS									
INSTRUMENT		PARTICULARS	REGISTERED	TIME	SEAL	CERT. OFFICER	CANCELLATION	NUMBER	REGISTERED OR LODGED	SEAL	CERT. OFFICER
NATURE	NUMBER										
		<p style="text-align: center;">P4 6478648</p>									

CERTIFICATE OF TITLE

CT 2054 896


** PARLAIRS - INFORMATION RETRIEVAL SEARCH RESULT ** 27/06/97 12:36 PAGE 1
VIEW : FILE WS USER : LIBRARY STAFF
DISPLAY : 016/BD/ALL SEARCH NUMBER : 016
SEARCH : TITLE DEEDS\

1 REFERENCE FILE WS (0006053)
FILE NO. TEN796
*FILE TITLE TENEMENTS - E63/323 - HOWICK - TITLE DEEDS
LOCATION TNM

2 REFERENCE FILE WS (0006051)
FILE NO. TEN794
*FILE TITLE TENEMENTS - E63/322 - HOWICK - TITLE DEEDS
LOCATION TNM

3 REFERENCE FILE WS (0006036)
FILE NO. TEN779
*FILE TITLE TENEMENTS - E70/959 - BADGINGARRA HERSCHELL COWALLA COOM ALLO -
* TITLE DEEDS SUMMARIES
LOCATION TNM

4 REFERENCE FILE WS (0005798)
FILE NO. TEN432
*FILE TITLE TENEMENTS - M70/448 - GINGIN - TITLE DEEDS SUMMARIES
LOCATION TNM

5 REFERENCE FILE WS (0004633)
FILE NO. PRP108
*FILE TITLE PROPERTIES - TITLE DEEDS PLANS - COPIES
LOCATION TNM

6 REFERENCE FILE WS (0004628)
FILE NO. PRP103
*FILE TITLE PROPERTIES - TITLE DEEDS - CAVEATS CROWN GRANTS PLANS LEASES -
COPIES
LOCATION TNM

7 REFERENCE FILE WS (0004624)
FILE NO. PRP100
FILE TITLE PROPERTIES - MANAGEMENT - SUMMARIES OF CROWN GRANTS
LOCATION TNM
*SUPP TERMS DEEDS MINERALS OWNER TITLE WA

8 REFERENCE FILE WS (0004620)
FILE NO. PRP96
*FILE TITLE PROPERTIES - TITLE DEEDS - ADM - TITLE DEEDS SUMMARIES AND MAPS -
FEB 1990 TO NOV 1993 - SOLD 1996
LOCATION MQV
SUPP TERMS MLA214 MLA215 PLA246 PLA247 PLA249 PLA250

9 REFERENCE FILE WS (0004558)
FILE NO. PRP31

** PARLAIRS - INFORMATION RETRIEVAL SEARCH RESULT ** 27/06/97 12:36 PAGE 2
*FILE TITLE PROPERTIES - TITLE DEEDS - WSL OWNED PROPERTIES - ORIGINALS
LOCATION* FPR
*SUPP TERMS CERTIFICATE OF TITLE, CT.
CERTIFICATES. VOLUME AND FOLIO.

END OF DISPLAY FOR VIEW FILE WS

Attachment 1B ASIC company extract



ASIC

Australian Securities & Investments Commission

Current Company Extract

Name: ILUKA RESOURCES LIMITED

ACN: 008 675 018

Date/Time: 19 February 2025 AEST 01:07:09 PM

This extract contains information derived from the Australian Securities and Investments Commission's (ASIC) database under section 1274A of the Corporations Act 2001.

Please advise ASIC of any error or omission which you may identify.

EXTRACT

Organisation Details	Document Number
Current Organisation Details	
Name: ILUKA RESOURCES LIMITED	015460078
ACN: 008 675 018	
ABN: 34008675018	
Registered in: Western Australia	
Registration date: 21/07/1954	
Next review date: 21/07/2025	
Name start date: 24/05/1999	
Previous state number: C0540143F	
Status: Registered	
Company type: Australian Public Company	
Class: Limited By Shares	
Subclass: Listed Public Company	
DISCLOSING ENTITY	

Address Details	Document Number
Current	
Registered address: Level 17, 240 St Georges Terrace, PERTH WA 6000	0EMQ84484
Start date: 05/06/2019	
Principal Place Of Business address: Level 17, 240 St Georges Terrace, PERTH WA 6000	0EMQ84484
Start date: 27/05/2019	

Contact Address
Section 146A of the Corporations Act 2001 states 'A contact address is the address to which communications and notices are sent from ASIC to the company'.
Current
Address: GPO BOX U1988, PERTH WA 6845
Start date: 20/09/2018

Officeholders and Other Roles	Document Number
Director	
Name: [REDACTED]	7E8789078
Address: [REDACTED]	
Born: [REDACTED]	
Appointment date: 13/10/2016	
Name: [REDACTED]	7EAL93257
Address: [REDACTED]	
Born: [REDACTED]	
Appointment date: 01/06/2019	
Name: [REDACTED]	7EAQ59788
Address: [REDACTED]	
Born: [REDACTED]	
Appointment date: 24/10/2019	
Name: [REDACTED]	7EBF51445

Address:	[REDACTED]	
Born:	[REDACTED]	
Appointment date:	11/03/2021	
Name:	[REDACTED]	7ECU87368
Address:	[REDACTED]	
Born:	[REDACTED]	
Appointment date:	28/06/2024	
Secretary		
Name:	[REDACTED]	7E5112229
Address:	[REDACTED]	
Born:	[REDACTED]	
Appointment date:	12/03/2013	
Name:	[REDACTED]	7EBL68970
Address:	[REDACTED]	
Born:	[REDACTED]	
Appointment date:	24/09/2021	

Share Information**Share Structure**

Class	Description	Number issued	Total amount paid	Total amount unpaid	Document number
ORD	ORDINARY SHARES	4282493 35	1220934366.70	0.00	7EDC23553

Documents

Note: Where no Date Processed is shown, the document in question has not been processed. In these instances care should be taken in using information that may be updated by the document when it is processed. Where the Date Processed is shown but there is a zero under No Pages, the document has been processed but a copy is not yet available.

Date received	Form type	Date processed	Number of pages	Effective date	Document number
22/02/2022	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	22/02/2022	9	22/02/2022	5EFP29007
22/02/2022	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	22/02/2022	12	22/02/2022	5EFP29139
24/02/2022	03014 Disclosure Notice - Ex Australian Stock Exchange Asx Periodic Reports - Other	24/02/2022	15	24/02/2022	5EFP43754
24/02/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 03024 Asx Corporate	24/02/2022	43	24/02/2022	5EFP43751

	Governance 03025 Appendix 4g				
24/02/2022	11001 Disclosure Notice - Ex Australian Stock Exchange Asx Progress Report	24/02/2022	46	24/02/2022	5EFP43750
24/02/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 03026 Company Presentation 03003 Asx Preliminary - Final Report	24/02/2022	35	24/02/2022	5EFP43749
24/02/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 14014 Web Cast 03003 Asx Preliminary - Final Report 10003 Asx Dividend Rate	24/02/2022	3	24/02/2022	5EFP43748
24/02/2022	12001 Disclosure Notice - Ex Australian Stock Exchange Asx Director Appointment/resignation	24/02/2022	1	24/02/2022	5EFP43747
24/02/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date 10003 Asx Dividend Rate	24/02/2022	5	24/02/2022	5EFP43746
24/02/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 03002 Asx Top 20 Shareholders 03003 Asx Preliminary - Final Report 03011 Asx Full Year Accounts 03012 Asx Full Year Audit Review 03013 Asx Full Year Directors' Statement 03020 Asx Full Year Director's Report 10001 Asx	24/02/2022	164	24/02/2022	5EFP43745

	Dividend Record Date 10002 Asx Dividend Pay Date 10003 Asx Dividend Rate				
24/02/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 03026 Company Presentation 03003 Asx Preliminary - Final Report	24/02/2022	36	24/02/2022	5EFP52876
25/02/2022	06020 Disclosure Notice - Ex Australian Stock Exchange Appendix 2a (Application For Quotation Of Securities)	25/02/2022	7	25/02/2022	5EFP65199
28/02/2022	484 Change To Company Details 484O Changes To Share Structure 484G Notification Of Share Issue	28/02/2022	2	28/02/2022	7EBQ15457
02/03/2022	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	02/03/2022	3	02/03/2022	5EFQ20178
07/03/2022	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	07/03/2022	6	07/03/2022	5EFQ73514
07/03/2022	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	07/03/2022	3	07/03/2022	5EFQ74020
08/03/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 08001 Asx Notice Of Annual Meeting 08004 Asx Proxy Form	08/03/2022	20	08/03/2022	5EFQ90253
11/03/2022	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	11/03/2022	7	11/03/2022	5EFR35598
28/03/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date	28/03/2022	5	28/03/2022	5EFW2282 4

	10003 Asx Dividend Rate				
01/04/2022	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	01/04/2022	5	01/04/2022	5EFX30643
04/04/2022	03026 Disclosure Notice - Ex Australian Stock Exchange Company Presentation	04/04/2022	26	04/04/2022	5EFX61844
04/04/2022	11001 Disclosure Notice - Ex Australian Stock Exchange Asx Progress Report	04/04/2022	3	04/04/2022	5EFX61842
04/04/2022	14014 Disclosure Notice - Ex Australian Stock Exchange Web Cast	04/04/2022	1	04/04/2022	5EFX65678
06/04/2022	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	06/04/2022	77	06/04/2022	5EFX90032
07/04/2022	10006 Disclosure Notice - Ex Australian Stock Exchange Asx Dividend Reinvestment Plan	07/04/2022	1	07/04/2022	5EFY07511
07/04/2022	06020 Disclosure Notice - Ex Australian Stock Exchange Appendix 2a (Application For Quotation Of Securities)	07/04/2022	6	07/04/2022	5EFY07508
08/04/2022	484 Change To Company Details 484O Changes To Share Structure 484G Notification Of Share Issue	08/04/2022	2	08/04/2022	7EBR40722
08/04/2022	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	08/04/2022	2	08/04/2022	5EFY20158
08/04/2022	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	08/04/2022	12	08/04/2022	5EFY20927
12/04/2022	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	12/04/2022	3	12/04/2022	5EFY59515
13/04/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 07002 Asx Asset Disposal 12008 Asx Company Administration - Other	13/04/2022	3	13/04/2022	5EFY61615

13/04/2022	15002 Disclosure Notice - Ex Australian Stock Exchange Asx Chairman's Address To Shareholder	13/04/2022	6	13/04/2022	5EFY66331
13/04/2022	08003 Disclosure Notice - Ex Australian Stock Exchange Asx Results Of Meeting	13/04/2022	2	13/04/2022	5EFY70802
14/04/2022	484E Change To Company Details Appointment Or Cessation Of A Company Officeholder	14/04/2022	2	14/04/2022	7EBR58385
14/04/2022	02010 Disclosure Notice - Ex Australian Stock Exchange Asx Final Director's Interest Notice	14/04/2022	2	14/04/2022	5EFY80565
14/04/2022	06027 Disclosure Notice - Ex Australian Stock Exchange Appendix 3h (Notification Of Cessation Of Securities)	14/04/2022	4	14/04/2022	5EFY82412
14/04/2022	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	14/04/2022	6	14/04/2022	5EFY82410
14/04/2022	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	14/04/2022	6	14/04/2022	5EFY82409
27/04/2022	04001 Disclosure Notice - Ex Australian Stock Exchange Asx First Quarter Activities Report	27/04/2022	7	27/04/2022	5EGA83692
27/04/2022	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	27/04/2022	30	27/04/2022	5EGA84888
17/05/2022	03026 Disclosure Notice - Ex Australian Stock Exchange Company Presentation	17/05/2022	24	17/05/2022	5EGD29454
17/05/2022	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	17/05/2022	2	17/05/2022	5EGD33709
20/05/2022	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	20/05/2022	78	20/05/2022	5EGD68945
31/05/2022	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	31/05/2022	4	31/05/2022	5EGE89507
01/06/2022	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To	01/06/2022	3	01/06/2022	5EGF04659

	Be A Substantial Shareholder				
06/06/2022	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	06/06/2022	3	06/06/2022	5EGF48619
06/06/2022	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	06/06/2022	7	06/06/2022	5EGF48617
10/06/2022	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	10/06/2022	2	10/06/2022	5EGG07317
14/06/2022	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	14/06/2022	32	14/06/2022	5EGG37174
17/06/2022	7111 Notice Of Exemption Re Fundraising Chapter 6d	17/06/2022	2	17/06/2022	501555410
17/06/2022	7113 Notice Of Declaration Re Fundraising Chapter 6d	17/06/2022	2	17/06/2022	501555411
17/06/2022	5120 Notice Of Exemption Re Managed Investment Scheme	17/06/2022	3	17/06/2022	501555412
17/06/2022	FR1AB Notice Of Exemption S926a(2)(A) Notice Of Exemption S926a(2)(A) - Person	17/06/2022	3	17/06/2022	501555413
17/06/2022	FR11E Notice Of Exemption/declaration Fsr Licensees Notice Of Exemption S1020f	17/06/2022	3	17/06/2022	501555414
20/06/2022	06005 Disclosure Notice - Ex Australian Stock Exchange Asx Capital Reconstruction	20/06/2022	11	20/06/2022	5EGH05132
20/06/2022	08004 Disclosure Notice - Ex Australian Stock Exchange Asx Proxy Form	20/06/2022	4	20/06/2022	5EGH05131
20/06/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 06010 Asx Prospectus 07002 Asx Asset Disposal	20/06/2022	250	20/06/2022	5EGH05130
20/06/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 03026 Company Presentation 07002 Asx Asset Disposal	20/06/2022	39	20/06/2022	5EGH05129
20/06/2022	7053A Disclosure Notice - Ex Australian Stock Exchange	20/06/2022	2	20/06/2022	5EGH05128

	14014 Web Cast 07002 Asx Asset Disposal				
21/06/2022	2560A Notification Of Reduction In Share Capital Details For Equal Reduction	07/07/2022	257	21/06/2022	031607221
22/06/2022	11001 Disclosure Notice - Ex Australian Stock Exchange Asx Progress Report	22/06/2022	1	22/06/2022	5EGH3043 3
23/06/2022	355 Revocation Deed Relating To Class Order	07/07/2022	18	23/06/2022	031542206
23/06/2022	2560A Notification Of Reduction In Share Capital Details For Equal Reduction	08/07/2022	257	23/06/2022	031563602
27/06/2022	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	27/06/2022	99	27/06/2022	5EGH9072 4
20/07/2022	04002 Disclosure Notice - Ex Australian Stock Exchange Asx Second Quarter Activities Report	20/07/2022	9	20/07/2022	5EGK51685
21/07/2022	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	21/07/2022	6	21/07/2022	5EGK79579
21/07/2022	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	21/07/2022	3	21/07/2022	5EGK79576
22/07/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 14014 Web Cast 15002 Asx Chairman's Address To Shareholder	22/07/2022	3	22/07/2022	5EGK85853
22/07/2022	08003 Disclosure Notice - Ex Australian Stock Exchange Asx Results Of Meeting	22/07/2022	2	22/07/2022	5EGK90871
22/07/2022	06002 Disclosure Notice - Ex Australian Stock Exchange Appendix 3a.5 (Notification Of Return Of Capital)	22/07/2022	11	22/07/2022	5EGK91005
25/07/2022	14012 Disclosure Notice - Ex Australian Stock Exchange Standard And Poor's Announcement	25/07/2022	2	25/07/2022	5EGL14178
25/07/2022	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	25/07/2022	3	25/07/2022	5EGL14376

27/07/2022	2205E Notification Of Resolution Relating To Shares Reduction Of Share Capital - Schedule 5	02/08/2022	2	22/07/2022	031674547
27/07/2022	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	27/07/2022	4	27/07/2022	5EGL37679
29/07/2022	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	29/07/2022	16	29/07/2022	5EGL62926
02/08/2022	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	02/08/2022	7	02/08/2022	5EGM02319
03/08/2022	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	03/08/2022	1	03/08/2022	5EGM12856
24/08/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 03026 Company Presentation 03004 Asx Half-Yearly Report	24/08/2022	28	24/08/2022	5EGP59081
24/08/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 03004 Asx Half-Yearly Report 03014 Asx Periodic Reports - Other	24/08/2022	2	24/08/2022	5EGP59079
24/08/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date 10003 Asx Dividend Rate	24/08/2022	5	24/08/2022	5EGP59078
24/08/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 03004 Asx Half-Yearly Report 03009 Asx Half-Yearly Audit Review 03010 Asx Half-Yearly Director's	24/08/2022	36	24/08/2022	5EGP59077

	Statement 03015 Asx Half Year Accounts 03019 Asx Half Year Directors' Report 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date 10003 Asx Dividend Rate				
13/09/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date 10003 Asx Dividend Rate	13/09/2022	5	13/09/2022	5EGT42889
20/09/2022	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	20/09/2022	2	20/09/2022	5EGU4307 5
27/09/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date 10003 Asx Dividend Rate	27/09/2022	5	27/09/2022	5EGV26351
30/09/2022	10006 Disclosure Notice - Ex Australian Stock Exchange Asx Dividend Reinvestment Plan	30/09/2022	1	30/09/2022	5EGV69602
30/09/2022	06020 Disclosure Notice - Ex Australian Stock Exchange Appendix 2a (Application For Quotation Of Securities)	30/09/2022	6	30/09/2022	5EGV69600
30/09/2022	12008 Disclosure Notice - Ex Australian Stock Exchange Asx Company Administration - Other	30/09/2022	1	30/09/2022	5EGV71532
30/09/2022	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	30/09/2022	3	30/09/2022	5EGV72532

30/09/2022	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	30/09/2022	7	30/09/2022	5EGV72525
03/10/2022	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	03/10/2022	2	03/10/2022	5EGV95561
06/10/2022	484 Change To Company Details 484O Changes To Share Structure 484G Notification Of Share Issue	06/10/2022	2	06/10/2022	7EBX12228
11/10/2022	06027 Disclosure Notice - Ex Australian Stock Exchange Appendix 3h (Notification Of Cessation Of Securities)	11/10/2022	4	11/10/2022	5EGW97600
11/10/2022	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	11/10/2022	6	11/10/2022	5EGW97599
25/10/2022	352 Assumption Deed Relating To Class Order	03/11/2022	8	25/10/2022	031542892
26/10/2022	11001 Disclosure Notice - Ex Australian Stock Exchange Asx Progress Report	26/10/2022	6	26/10/2022	5EGY73741
26/10/2022	03026 Disclosure Notice - Ex Australian Stock Exchange Company Presentation	26/10/2022	32	26/10/2022	5EGY73795
26/10/2022	7053A Disclosure Notice - Ex Australian Stock Exchange 06003 Asx Placement 11001 Asx Progress Report 06017 Asx Security Purchase Plan	26/10/2022	13	26/10/2022	5EGY73790
28/10/2022	04003 Disclosure Notice - Ex Australian Stock Exchange Asx Third Quarter Activities Report	28/10/2022	9	28/10/2022	5EGY97402
01/11/2022	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	01/11/2022	2	01/11/2022	5EGZ43097
06/12/2022	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	06/12/2022	2	06/12/2022	5EHD03672
15/12/2022	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A	15/12/2022	3	15/12/2022	5EHD95746

	Substantial Shareholder				
13/01/2023	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	13/01/2023	6	13/01/2023	5EHG35772
13/01/2023	06027 Disclosure Notice - Ex Australian Stock Exchange Appendix 3h (Notification Of Cessation Of Securities)	13/01/2023	4	13/01/2023	5EHG35770
25/01/2023	04004 Disclosure Notice - Ex Australian Stock Exchange Asx Fourth Quarter Activities Report	25/01/2023	9	25/01/2023	5EHH36908
03/02/2023	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	03/02/2023	43	03/02/2023	5EHI20779
21/02/2023	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date 10003 Asx Dividend Rate	21/02/2023	5	21/02/2023	5EHJ88745
21/02/2023	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 03029 Sustainability/climate Action Report 03001 Asx Annual Report 03002 Asx Top 20 Shareholders 03003 Asx Preliminary - Final Report 03011 Asx Full Year Accounts 03012 Asx Full Year Audit Review 03013 Asx Full Year Directors' Statement 03020 Asx Full Year Director's Report 10001 Asx Dividend Record Date	21/02/2023	180	21/02/2023	5EHJ88744

21/02/2023	7053A Disclosure Notice - Ex Australian Stock Exchange 14014 Web Cast 03003 Asx Preliminary - Final Report 10003 Asx Dividend Rate	21/02/2023	3	21/02/2023	5EHJ88870
21/02/2023	7053A Disclosure Notice - Ex Australian Stock Exchange 03024 Asx Corporate Governance 03025 Appendix 4g	21/02/2023	45	21/02/2023	5EHJ88910
21/02/2023	11001 Disclosure Notice - Ex Australian Stock Exchange Asx Progress Report	21/02/2023	44	21/02/2023	5EHJ88907
21/02/2023	11001 Disclosure Notice - Ex Australian Stock Exchange Asx Progress Report	21/02/2023	43	21/02/2023	5EHJ88903
21/02/2023	7053A Disclosure Notice - Ex Australian Stock Exchange 03026 Company Presentation 03003 Asx Preliminary - Final Report	21/02/2023	32	21/02/2023	5EHJ88902
22/02/2023	11001 Disclosure Notice - Ex Australian Stock Exchange Asx Progress Report	22/02/2023	47	22/02/2023	5EHK06870
01/03/2023	03026 Disclosure Notice - Ex Australian Stock Exchange Company Presentation	01/03/2023	27	01/03/2023	5EHK59477
02/03/2023	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	02/03/2023	8	02/03/2023	5EHK78572
03/03/2023	06020 Disclosure Notice - Ex Australian Stock Exchange Appendix 2a (Application For Quotation Of Securities)	03/03/2023	7	03/03/2023	5EHK81222
07/03/2023	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	07/03/2023	2	07/03/2023	5EHL20938
08/03/2023	484 Change To Company Details 484O Changes To Share Structure 484G Notification Of Share Issue	08/03/2023	2	08/03/2023	7ECB80030
08/03/2023	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A	08/03/2023	73	08/03/2023	5EHL30861

	Substantial Shareholder				
09/03/2023	7053A Disclosure Notice - Ex Australian Stock Exchange 14014 Web Cast 08006 Asx Notice Of Meeting - Other 12008 Asx Company Administration - Other	09/03/2023	1	09/03/2023	5EHL39479
13/03/2023	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	13/03/2023	6	13/03/2023	5EHL71911
13/03/2023	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	13/03/2023	7	13/03/2023	5EHL71926
13/03/2023	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	13/03/2023	3	13/03/2023	5EHL71920
16/03/2023	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	16/03/2023	6	16/03/2023	5EHM03156
20/03/2023	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	20/03/2023	54	20/03/2023	5EHM35200
24/03/2023	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date 10003 Asx Dividend Rate	24/03/2023	5	24/03/2023	5EHM75016
24/03/2023	7053A Disclosure Notice - Ex Australian Stock Exchange 14014 Web Cast 08001 Asx Notice Of Annual Meeting 08004 Asx Proxy Form 16002 Asx Letter To Shareholders	24/03/2023	24	24/03/2023	5EHM75060
30/03/2023	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	30/03/2023	2	30/03/2023	5EHN27512

30/03/2023	10006 Disclosure Notice - Ex Australian Stock Exchange Asx Dividend Reinvestment Plan	30/03/2023	1	30/03/2023	5EHN27511
30/03/2023	06020 Disclosure Notice - Ex Australian Stock Exchange Appendix 2a (Application For Quotation Of Securities)	30/03/2023	6	30/03/2023	5EHN27509
31/03/2023	484 Change To Company Details 484O Changes To Share Structure 484G Notification Of Share Issue	31/03/2023	2	31/03/2023	7ECC56876
11/04/2023	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	11/04/2023	6	11/04/2023	5EHO23658
11/04/2023	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	11/04/2023	6	11/04/2023	5EHO23647
11/04/2023	06027 Disclosure Notice - Ex Australian Stock Exchange Appendix 3h (Notification Of Cessation Of Securities)	11/04/2023	4	11/04/2023	5EHO23714
14/04/2023	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	14/04/2023	2	14/04/2023	5EHO54933
20/04/2023	04001 Disclosure Notice - Ex Australian Stock Exchange Asx First Quarter Activities Report	20/04/2023	8	20/04/2023	5EHO99442
03/05/2023	03026 Disclosure Notice - Ex Australian Stock Exchange Company Presentation	03/05/2023	30	03/05/2023	5EHQ11650
04/05/2023	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	04/05/2023	22	04/05/2023	5EHQ28775
05/05/2023	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	05/05/2023	22	05/05/2023	5EHQ31073
10/05/2023	15002 Disclosure Notice - Ex Australian Stock Exchange Asx Chairman's Address To Shareholder	10/05/2023	8	10/05/2023	5EHQ80344
10/05/2023	08003 Disclosure Notice - Ex Australian Stock Exchange Asx Results Of Meeting	10/05/2023	2	10/05/2023	5EHQ81794
14/07/2023	06027 Disclosure Notice - Ex	14/07/2023	4	14/07/2023	5EHX22929

	Australian Stock Exchange Appendix 3h (Notification Of Cessation Of Securities)				
14/07/2023	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	14/07/2023	6	14/07/2023	5EHX22928
14/07/2023	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	14/07/2023	6	14/07/2023	5EHX22926
26/07/2023	04002 Disclosure Notice - Ex Australian Stock Exchange Asx Second Quarter Activities Report	26/07/2023	9	26/07/2023	5EHY62090
23/08/2023	7053A Disclosure Notice - Ex Australian Stock Exchange 03026 Company Presentation 03004 Asx Half-Yearly Report	23/08/2023	25	23/08/2023	5EIC16440
23/08/2023	7053A Disclosure Notice - Ex Australian Stock Exchange 14014 Web Cast 03004 Asx Half-Yearly Report 03014 Asx Periodic Reports - Other	23/08/2023	3	23/08/2023	5EIC16439
23/08/2023	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date 10003 Asx Dividend Rate	23/08/2023	5	23/08/2023	5EIC16436
23/08/2023	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 03004 Asx Half-Yearly Report 03009 Asx Half-Yearly Audit Review 03010 Asx Half-Yearly Director's Statement 03015 Asx Half Year Accounts 03019 Asx Half Year Directors'	23/08/2023	32	23/08/2023	5EIC16433

	Report 10003 Asx Dividend Rate				
30/08/2023	352 Assumption Deed Relating To Class Order	13/09/2023	7	30/08/2023	031768396
01/09/2023	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	01/09/2023	4	01/09/2023	5EID23805
07/09/2023	12004 Disclosure Notice - Ex Australian Stock Exchange Asx Details Pf Share Registry Address	07/09/2023	1	07/09/2023	5EIE34034
20/09/2023	992 Notification Of Change Of Place Of Inspection Of Books Kept On Computer	05/01/2024	2	18/09/2023	031957453
20/09/2023	909 Notice Of Address Of Branch Register	05/01/2024	1	18/09/2023	031957452
21/09/2023	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date 10003 Asx Dividend Rate	21/09/2023	5	21/09/2023	5EIF66817
22/09/2023	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	22/09/2023	6	22/09/2023	5EIF83369
25/09/2023	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	25/09/2023	2	25/09/2023	5EIG06330
25/09/2023	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	25/09/2023	478	25/09/2023	5EIG07553
27/09/2023	06020 Disclosure Notice - Ex Australian Stock Exchange Appendix 2a (Application For Quotation Of Securities)	27/09/2023	6	27/09/2023	5EIG29471
27/09/2023	10006 Disclosure Notice - Ex Australian Stock Exchange Asx Dividend Reinvestment Plan	27/09/2023	1	27/09/2023	5EIG29488
27/09/2023	484 Change To Company Details 484O Changes To	27/09/2023	2	27/09/2023	7ECJ24555

	Share Structure 484G Notification Of Share Issue				
27/09/2023	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	27/09/2023	2	27/09/2023	5EIG29504
28/09/2023	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	28/09/2023	21	28/09/2023	5EIG40870
02/10/2023	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	02/10/2023	2	02/10/2023	5EIG75144
06/10/2023	06027 Disclosure Notice - Ex Australian Stock Exchange Appendix 3h (Notification Of Cessation Of Securities)	06/10/2023	4	06/10/2023	5EIH17227
06/10/2023	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	06/10/2023	6	06/10/2023	5EIH17224
12/10/2023	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	12/10/2023	4	12/10/2023	5EIH80346
13/10/2023	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	13/10/2023	145	13/10/2023	5EIH96556
17/10/2023	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	17/10/2023	6	17/10/2023	5EII31266
18/10/2023	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	18/10/2023	3	18/10/2023	5EII32988
18/10/2023	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	18/10/2023	625	18/10/2023	5EII41545
18/10/2023	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	18/10/2023	4	18/10/2023	5EII41491
18/10/2023	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	18/10/2023	7	18/10/2023	5EII41570
18/10/2023	06021 Disclosure Notice - Ex	18/10/2023	7	18/10/2023	5EII41569

	Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)				
19/10/2023	04003 Disclosure Notice - Ex Australian Stock Exchange Asx Third Quarter Activities Report	19/10/2023	9	19/10/2023	5EII43487
19/10/2023	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	19/10/2023	6	19/10/2023	5EII51776
19/10/2023	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	19/10/2023	17	19/10/2023	5EII51955
20/10/2023	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	20/10/2023	609	20/10/2023	5EII62312
26/10/2023	12018 Disclosure Notice - Ex Australian Stock Exchange Details Of Auditor Appointment/resignation	26/10/2023	1	26/10/2023	5EIJ09121
27/10/2023	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	27/10/2023	17	27/10/2023	5EIJ28049
02/11/2023	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	02/11/2023	4	02/11/2023	5EIK69849
06/11/2023	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	06/11/2023	135	06/11/2023	5EIL48153
07/11/2023	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	07/11/2023	6	07/11/2023	5EIL74913
08/11/2023	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	08/11/2023	453	08/11/2023	5EIM02268
17/11/2023	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	17/11/2023	4	17/11/2023	5EIN26000
20/11/2023	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	20/11/2023	108	20/11/2023	5EIN51254
13/12/2023	02002 Disclosure Notice - Ex Australian Stock Exchange	13/12/2023	83	13/12/2023	5EIR81902

	Asx Form 604 - Change In A Substantial Shareholder				
15/12/2023	11001 Disclosure Notice - Ex Australian Stock Exchange Asx Progress Report	15/12/2023	1	15/12/2023	5EIS27256
20/12/2023	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	20/12/2023	7	20/12/2023	5EIT15869
21/12/2023	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	21/12/2023	509	21/12/2023	5EIT35175
22/12/2023	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	22/12/2023	4	22/12/2023	5EIT52336
27/12/2023	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	27/12/2023	23	27/12/2023	5EIU20923
27/12/2023	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	27/12/2023	316	27/12/2023	5EIU21051
29/12/2023	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	29/12/2023	4	29/12/2023	5EIU48753
02/01/2024	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	02/01/2024	20	02/01/2024	5EIU99193
10/01/2024	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	10/01/2024	20	10/01/2024	5EIW08839
12/01/2024	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	12/01/2024	2	12/01/2024	5EIW47071
15/01/2024	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	15/01/2024	6	15/01/2024	5EIW88478
15/01/2024	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	15/01/2024	6	15/01/2024	5EIW88475
15/01/2024	06027 Disclosure Notice - Ex Australian Stock Exchange Appendix 3h (Notification Of Cessation Of Securities)	15/01/2024	4	15/01/2024	5EIW88473

15/01/2024	06027 Disclosure Notice - Ex Australian Stock Exchange Appendix 3h (Notification Of Cessation Of Securities)	15/01/2024	4	15/01/2024	5EIW88471
19/01/2024	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	19/01/2024	6	19/01/2024	5EIX50278
22/01/2024	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	22/01/2024	355	22/01/2024	5EIX91468
23/01/2024	04004 Disclosure Notice - Ex Australian Stock Exchange Asx Fourth Quarter Activities Report	23/01/2024	9	23/01/2024	5EIX97752
23/01/2024	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	23/01/2024	4	23/01/2024	5EIY06481
24/01/2024	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	24/01/2024	29	24/01/2024	5EIY21631
21/02/2024	7053A Disclosure Notice - Ex Australian Stock Exchange 03024 Asx Corporate Governance 03025 Appendix 4g	21/02/2024	46	21/02/2024	5EJB65666
21/02/2024	11001 Disclosure Notice - Ex Australian Stock Exchange Asx Progress Report	21/02/2024	32	21/02/2024	5EJB65665
21/02/2024	11001 Disclosure Notice - Ex Australian Stock Exchange Asx Progress Report	21/02/2024	42	21/02/2024	5EJB65664
21/02/2024	7053A Disclosure Notice - Ex Australian Stock Exchange 03026 Company Presentation 03003 Asx Preliminary - Final Report	21/02/2024	29	21/02/2024	5EJB65663
21/02/2024	7053A Disclosure Notice - Ex Australian Stock Exchange 03003 Asx Preliminary - Final Report 03014 Asx Periodic Reports - Other	21/02/2024	3	21/02/2024	5EJB65662
21/02/2024	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend	21/02/2024	5	21/02/2024	5EJB65661

	Reinvestment Plan 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date 10003 Asx Dividend Rate				
21/02/2024	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 03001 Asx Annual Report 03002 Asx Top 20 Shareholders 03003 Asx Preliminary - Final Report 03011 Asx Full Year Accounts 03012 Asx Full Year Audit Review 03013 Asx Full Year Directors' Statement 03020 Asx Full Year Director's Report 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date	21/02/2024	182	21/02/2024	5EJB65660
22/02/2024	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	22/02/2024	4	22/02/2024	5EJB84979
27/02/2024	06020 Disclosure Notice - Ex Australian Stock Exchange Appendix 2a (Application For Quotation Of Securities)	27/02/2024	7	27/02/2024	5EJC30620
28/02/2024	484 Change To Company Details 484O Changes To Share Structure 484G Notification Of Share Issue	28/02/2024	2	28/02/2024	7ECP14022
01/03/2024	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	01/03/2024	4	01/03/2024	5EJC64400
05/03/2024	7053A Disclosure Notice - Ex Australian Stock Exchange 14014 Web Cast 08006 Asx Notice	05/03/2024	1	05/03/2024	5EJC99832

	Of Meeting - Other 12008 Asx Company Administration - Other				
05/03/2024	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	05/03/2024	23	05/03/2024	5EJD00885
06/03/2024	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	06/03/2024	16	06/03/2024	5EJD02632
07/03/2024	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	07/03/2024	6	07/03/2024	5EJD21609
07/03/2024	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	07/03/2024	3	07/03/2024	5EJD21618
12/03/2024	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	12/03/2024	20	12/03/2024	5EJD64987
14/03/2024	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	14/03/2024	5	14/03/2024	5EJD89945
15/03/2024	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	15/03/2024	21	15/03/2024	5EJE01937
21/03/2024	02003 Disclosure Notice - Ex Australian Stock Exchange Asx Form 605 - Ceasing To Be A Substantial Shareholder	21/03/2024	6	21/03/2024	5EJE62832
22/03/2024	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	22/03/2024	2	22/03/2024	5EJE72488
25/03/2024	315A Notice Of Resignation Or Removal Of Auditor Resignation Of Auditor	07/05/2024	1	20/03/2024	031924038
25/03/2024	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date	25/03/2024	5	25/03/2024	5EJE94597

	10003 Asx Dividend Rate				
26/03/2024	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	26/03/2024	3	26/03/2024	5EJE99254
26/03/2024	7053A Disclosure Notice - Ex Australian Stock Exchange 08001 Asx Notice Of Annual Meeting 08004 Asx Proxy Form	26/03/2024	24	26/03/2024	5EJF06852
26/03/2024	02001 Disclosure Notice - Ex Australian Stock Exchange Asx Form 603 - Becoming A Substantial Shareholder	26/03/2024	22	26/03/2024	5EJF08185
28/03/2024	484 Change To Company Details 484O Changes To Share Structure 484G Notification Of Share Issue	28/03/2024	2	28/03/2024	7ECQ50153
28/03/2024	06020 Disclosure Notice - Ex Australian Stock Exchange Appendix 2a (Application For Quotation Of Securities)	28/03/2024	6	28/03/2024	5EJF29345
28/03/2024	10006 Disclosure Notice - Ex Australian Stock Exchange Asx Dividend Reinvestment Plan	28/03/2024	1	28/03/2024	5EJF29695
15/04/2024	06027 Disclosure Notice - Ex Australian Stock Exchange Appendix 3h (Notification Of Cessation Of Securities)	15/04/2024	4	15/04/2024	5EJG76558
15/04/2024	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	15/04/2024	9	15/04/2024	5EJG76567
15/04/2024	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	15/04/2024	6	15/04/2024	5EJG76565
15/04/2024	06027 Disclosure Notice - Ex Australian Stock Exchange Appendix 3h (Notification Of Cessation Of Securities)	15/04/2024	4	15/04/2024	5EJG76562
19/04/2024	04001 Disclosure Notice - Ex Australian Stock Exchange Asx First Quarter Activities Report	19/04/2024	8	19/04/2024	5EJH16552
19/04/2024	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of	19/04/2024	6	19/04/2024	5EJH16548

	Unquoted Equity Securities)				
07/05/2024	15002 Disclosure Notice - Ex Australian Stock Exchange Asx Chairman's Address To Shareholder	07/05/2024	7	07/05/2024	5EJJ12201
07/05/2024	12018 Disclosure Notice - Ex Australian Stock Exchange Details Of Auditor Appointment/resignation	07/05/2024	1	07/05/2024	5EJJ13720
07/05/2024	08003 Disclosure Notice - Ex Australian Stock Exchange Asx Results Of Meeting	07/05/2024	2	07/05/2024	5EJJ13717
08/05/2024	03026 Disclosure Notice - Ex Australian Stock Exchange Company Presentation	08/05/2024	26	08/05/2024	5EJJ23023
19/06/2024	03026 Disclosure Notice - Ex Australian Stock Exchange Company Presentation	19/06/2024	17	19/06/2024	5EJO53063
28/06/2024	12001 Disclosure Notice - Ex Australian Stock Exchange Asx Director Appointment/resignation	28/06/2024	1	28/06/2024	5EJP49633
01/07/2024	02008 Disclosure Notice - Ex Australian Stock Exchange Asx Initial Director's Interest Notice	01/07/2024	2	01/07/2024	5EJP89415
02/07/2024	484E Change To Company Details Appointment Or Cessation Of A Company Officeholder	02/07/2024	2	02/07/2024	7ECU87368
12/07/2024	06027 Disclosure Notice - Ex Australian Stock Exchange Appendix 3h (Notification Of Cessation Of Securities)	12/07/2024	4	12/07/2024	5EJR61387
12/07/2024	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	12/07/2024	6	12/07/2024	5EJR61386
12/07/2024	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	12/07/2024	7	12/07/2024	5EJR61381
22/07/2024	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	22/07/2024	24	22/07/2024	5EJT72563
23/07/2024	04002 Disclosure Notice - Ex Australian Stock Exchange Asx Second Quarter Activities Report	23/07/2024	9	23/07/2024	5EJT81824
21/08/2024	7053A Disclosure Notice - Ex Australian Stock Exchange	21/08/2024	7	21/08/2024	5EJW65555

	10006 Asx Dividend Reinvestment Plan 16002 Asx Letter To Shareholders				
21/08/2024	03026 Disclosure Notice - Ex Australian Stock Exchange Company Presentation	21/08/2024	28	21/08/2024	5EJW65554
21/08/2024	7053A Disclosure Notice - Ex Australian Stock Exchange 03004 Asx Half- Yearly Report 03014 Asx Periodic Reports - Other	21/08/2024	3	21/08/2024	5EJW65552
21/08/2024	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date 10003 Asx Dividend Rate	21/08/2024	5	21/08/2024	5EJW65551
21/08/2024	7053A Disclosure Notice - Ex Australian Stock Exchange 03004 Asx Half- Yearly Report 03009 Asx Half- Yearly Audit Review 03010 Asx Half- Yearly Director's Statement 03015 Asx Half Year Accounts 03019 Asx Half Year Directors' Report 10002 Asx Dividend Pay Date 10003 Asx Dividend Rate	21/08/2024	31	21/08/2024	5EJW65550
29/08/2024	06020 Disclosure Notice - Ex Australian Stock Exchange Appendix 2a (Application For Quotation Of Securities)	29/08/2024	6	29/08/2024	5EJX45144
29/08/2024	06020 Disclosure Notice - Ex Australian Stock Exchange Appendix 2a (Application For Quotation Of Securities)	29/08/2024	7	29/08/2024	5EJX45143
30/08/2024	12001 Disclosure Notice - Ex Australian Stock Exchange Asx Director Appointment/resignation	30/08/2024	1	30/08/2024	5EJX52838

30/08/2024	484 Change To Company Details 484O Changes To Share Structure 484G Notification Of Share Issue	30/08/2024	2	30/08/2024	7ECX66770
30/08/2024	484 Change To Company Details 484O Changes To Share Structure 484G Notification Of Share Issue	30/08/2024	2	30/08/2024	7ECX66778
30/08/2024	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	30/08/2024	3	30/08/2024	5EJX61842
31/08/2024	484E Change To Company Details Appointment Or Cessation Of A Company Officeholder	31/08/2024	2	31/08/2024	7ECX69745
02/09/2024	02010 Disclosure Notice - Ex Australian Stock Exchange Asx Final Director's Interest Notice	02/09/2024	2	02/09/2024	5EJX77058
03/09/2024	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	03/09/2024	4	03/09/2024	5EJX94832
24/09/2024	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date 10003 Asx Dividend Rate	24/09/2024	5	24/09/2024	5EKB32296
26/09/2024	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	26/09/2024	22	26/09/2024	5EKB57030
27/09/2024	10006 Disclosure Notice - Ex Australian Stock Exchange Asx Dividend Reinvestment Plan	27/09/2024	1	27/09/2024	5EKB62999
27/09/2024	484 Change To Company Details 484O Changes To Share Structure 484G Notification Of Share Issue	27/09/2024	2	27/09/2024	7ECZ09033
30/09/2024	06020 Disclosure Notice - Ex	30/09/2024	6	30/09/2024	5EKB89544

	Australian Stock Exchange Appendix 2a (Application For Quotation Of Securities)				
14/10/2024	06027 Disclosure Notice - Ex Australian Stock Exchange Appendix 3h (Notification Of Cessation Of Securities)	14/10/2024	4	14/10/2024	5EKD07106
14/10/2024	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	14/10/2024	7	14/10/2024	5EKD07104
22/10/2024	04003 Disclosure Notice - Ex Australian Stock Exchange Asx Third Quarter Activities Report	22/10/2024	9	22/10/2024	5EKD73742
25/10/2024	06020 Disclosure Notice - Ex Australian Stock Exchange Appendix 2a (Application For Quotation Of Securities)	25/10/2024	6	25/10/2024	5EKE10845
25/10/2024	484 Change To Company Details 484O Changes To Share Structure 484G Notification Of Share Issue	25/10/2024	2	25/10/2024	7EDA68588
01/11/2024	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	01/11/2024	5	01/11/2024	5EKE73321
13/11/2024	12008 Disclosure Notice - Ex Australian Stock Exchange Asx Company Administration - Other	13/11/2024	1	13/11/2024	5EKF66517
13/11/2024	06020 Disclosure Notice - Ex Australian Stock Exchange Appendix 2a (Application For Quotation Of Securities)	13/11/2024	6	13/11/2024	5EKF74496
13/11/2024	484 Change To Company Details 484O Changes To Share Structure 484G Notification Of Share Issue	13/11/2024	2	13/11/2024	7EDC23553
28/11/2024	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	28/11/2024	3	28/11/2024	5EKH10590
28/11/2024	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	28/11/2024	6	28/11/2024	5EKH10587
06/12/2024	03026 Disclosure Notice - Ex Australian Stock Exchange	06/12/2024	28	06/12/2024	5EKH73791

	Company Presentation				
06/12/2024	11001 Disclosure Notice - Ex Australian Stock Exchange Asx Progress Report	06/12/2024	3	06/12/2024	5EKH73790
10/12/2024	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	10/12/2024	9	10/12/2024	5EKI11377
12/12/2024	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	12/12/2024	2	12/12/2024	5EKI26134
12/12/2024	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	12/12/2024	2	12/12/2024	5EKI26402
13/12/2024	7053A Disclosure Notice - Ex Australian Stock Exchange 12017 Chairman Appointment/resignation 12001 Asx Director Appointment/resignation	13/12/2024	1	13/12/2024	5EKI34713
13/12/2024	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	13/12/2024	2	13/12/2024	5EKI37433
13/12/2024	484E Change To Company Details Appointment Or Cessation Of A Company Officeholder	13/12/2024	2	13/12/2024	7EDD90482
13/12/2024	02010 Disclosure Notice - Ex Australian Stock Exchange Asx Final Director's Interest Notice	13/12/2024	2	13/12/2024	5EKI42814
18/12/2024	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	18/12/2024	2	18/12/2024	5EKI84781
19/12/2024	11001 Disclosure Notice - Ex Australian Stock Exchange Asx Progress Report	19/12/2024	2	19/12/2024	5EKI87544
20/12/2024	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	20/12/2024	4	20/12/2024	5EKJ03548
24/12/2024	02009 Disclosure Notice - Ex Australian Stock Exchange Asx Change Of Director's Interest Notice	24/12/2024	2	24/12/2024	5EKJ35285
30/12/2024	02009 Disclosure Notice - Ex Australian Stock Exchange	30/12/2024	2	30/12/2024	5EKJ71360

	Asx Change Of Director's Interest Notice				
14/01/2025	06021 Disclosure Notice - Ex Australian Stock Exchange Appendix 3g (Notification Of Unquoted Equity Securities)	14/01/2025	6	14/01/2025	5EKK75782
14/01/2025	06027 Disclosure Notice - Ex Australian Stock Exchange Appendix 3h (Notification Of Cessation Of Securities)	14/01/2025	4	14/01/2025	5EKK75779
22/01/2025	04004 Disclosure Notice - Ex Australian Stock Exchange Asx Fourth Quarter Activities Report	22/01/2025	10	22/01/2025	5EKL45381
23/01/2025	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	23/01/2025	8	23/01/2025	5EKL62008
11/02/2025	02002 Disclosure Notice - Ex Australian Stock Exchange Asx Form 604 - Change In A Substantial Shareholder	11/02/2025	42	11/02/2025	5EKM93649
19/02/2025	7053A Disclosure Notice - Ex Australian Stock Exchange 03024 Asx Corporate Governance 03025 Appendix 4g	19/02/2025	46	19/02/2025	5EKN55310
19/02/2025	11001 Disclosure Notice - Ex Australian Stock Exchange Asx Progress Report	19/02/2025	31	19/02/2025	5EKN55309
19/02/2025	7053A Disclosure Notice - Ex Australian Stock Exchange 03026 Company Presentation 03003 Asx Preliminary - Final Report	19/02/2025	30	19/02/2025	5EKN55308
19/02/2025	7053A Disclosure Notice - Ex Australian Stock Exchange 03003 Asx Preliminary - Final Report 03014 Asx Periodic Reports - Other	19/02/2025	3	19/02/2025	5EKN55307
19/02/2025	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date	19/02/2025	5	19/02/2025	5EKN55306

	10003 Asx Dividend Rate				
19/02/2025	7053A Disclosure Notice - Ex Australian Stock Exchange 10006 Asx Dividend Reinvestment Plan 03001 Asx Annual Report 03002 Asx Top 20 Shareholders 03003 Asx Preliminary - Final Report 03011 Asx Full Year Accounts 03012 Asx Full Year Audit Review 03013 Asx Full Year Directors' Statement 03020 Asx Full Year Director's Report 10001 Asx Dividend Record Date 10002 Asx Dividend Pay Date	19/02/2025	160	19/02/2025	5EKN55305

End of Extract of 31 Pages

Attachment 1C Authorisation to act as representative of the occupier



28 July 2020

CEO
Department of Water and Environmental Regulation
Resource Industries – Regulatory Services
Prime House, 8 Davidson Terrace
JOONDALUP WA 6027

Dear Sir/Madam

Iluka Resources Limited - Letter of Authority in regard to *Environmental Protection Act 1986*, Part V Applications and Reports

Iluka Resources Ltd provides this letter of authority for applications and reports made under Part V, Division 3 – Prescribed premises, works approvals and licences of the *Environmental Protection Act 1986* (EP Act) on behalf of the company.

Please be advised that the following people are authorised to sign each application or report on behalf of **Iluka Resources Ltd** for the Cataby, Midwest and Southwest operations.

NAMES	POSITION	REGION
[REDACTED]	Cataby Operations Manager	Cataby, WA
[REDACTED]	Narngulu Operations Manager	Midwest, WA
[REDACTED]	Southwest Operations Manager	Southwest, WA

Yours faithfully

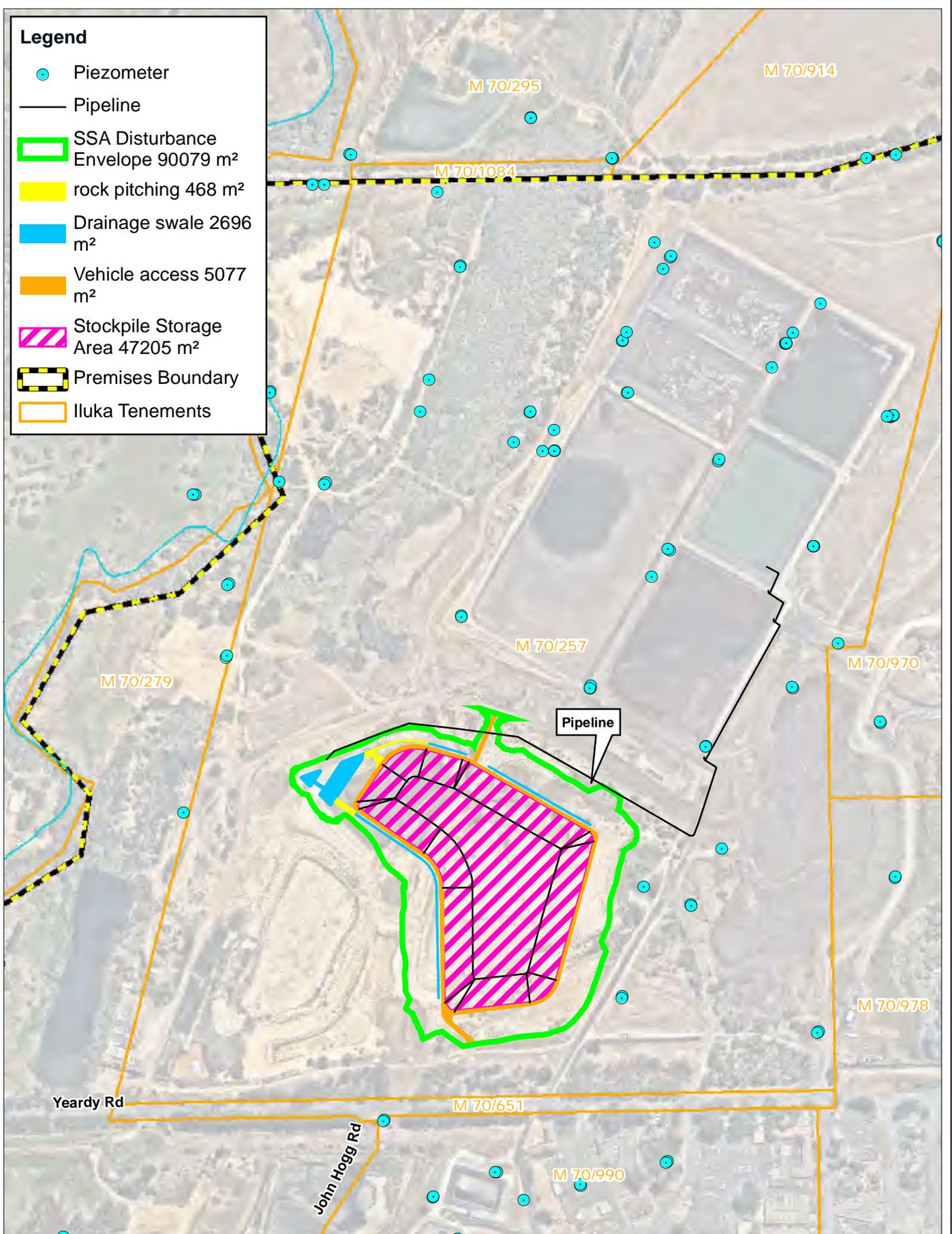
[REDACTED]

Managing Director

Attachment 2A North Capel Premises Map, and Proposed Amended Premise Boundary

Attachment 2B Stockpile Storage Area

- Legend**
- Piezometer
 - Pipeline
 - SSA Disturbance Envelope 90079 m²
 - rock pitching 468 m²
 - Drainage swale 2696 m²
 - Vehicle access 5077 m²
 - Stockpile Storage Area 47205 m²
 - Premises Boundary
 - Iluka Tenements



0 Meters 200

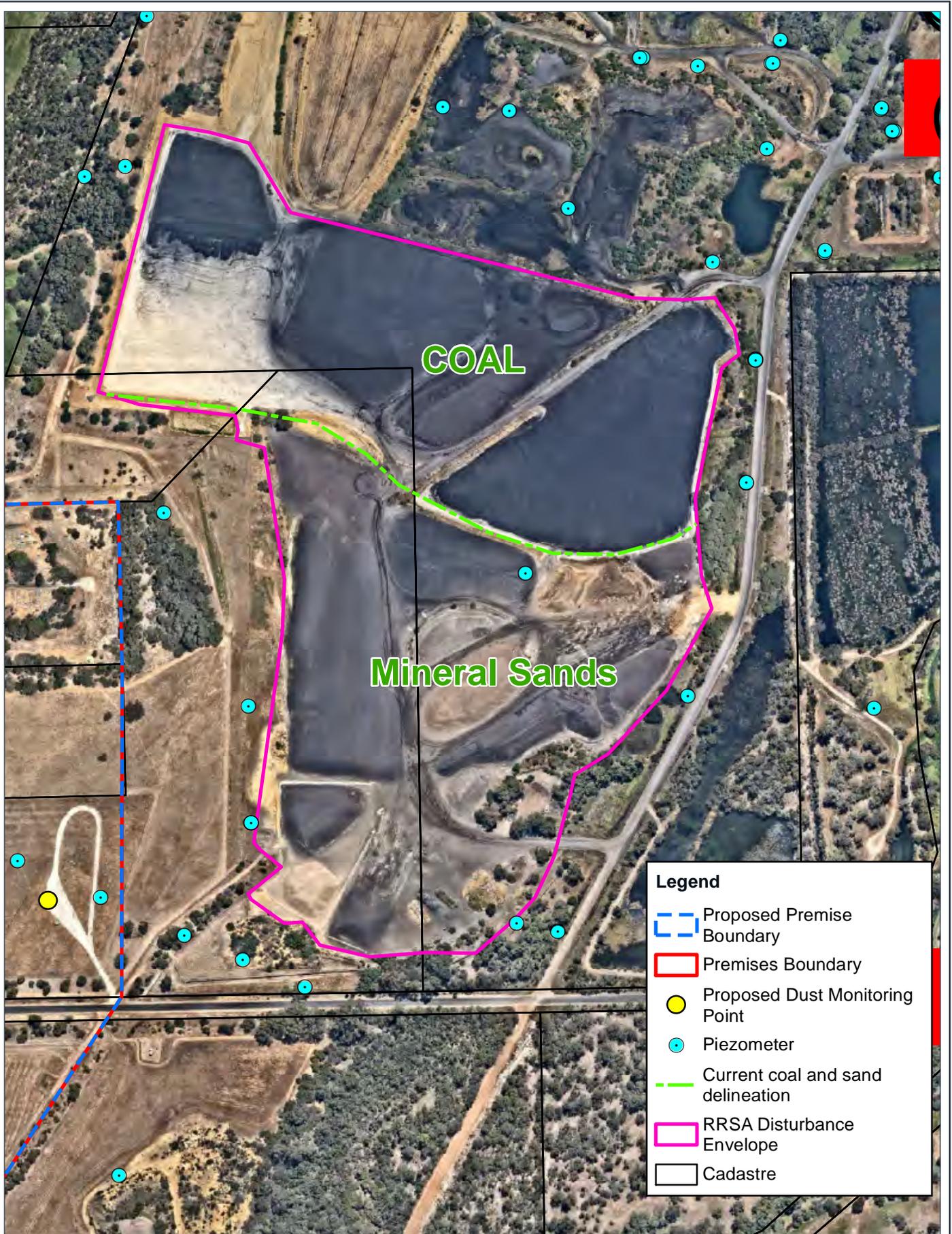
GDA2020 MGA Zone 50

NORTH CAPEL
Licence Amendment Application 2025
Stockpile Storage Area and
Disturbance Envelopes



ILUKA

Attachment 2C Ryans Road Stockpile Area



Legend

- - - Proposed Premise Boundary
- Premises Boundary
- Proposed Dust Monitoring Point
- Piezometer
- - - Current coal and sand delineation
- RRSA Disturbance Envelope
- Cadastre



0 Meters 100

PERTH BASIN

Licence Amendment Application 2025

Ryans Road Stockpile Area
Disturbance Envelope



ILUKA

Attachment 2D IMG Storage Pad



Aerial photograph: 2024

LICENCE AMENDMENT APPLICATION 2025

**NORTH CAPEL
IMG STORAGE PAD**



0 Meters 200



ORIG: [REDACTED]

DRAWN: [REDACTED]

SCALE (A4): 1:5,000

DATE: 21/02/2025

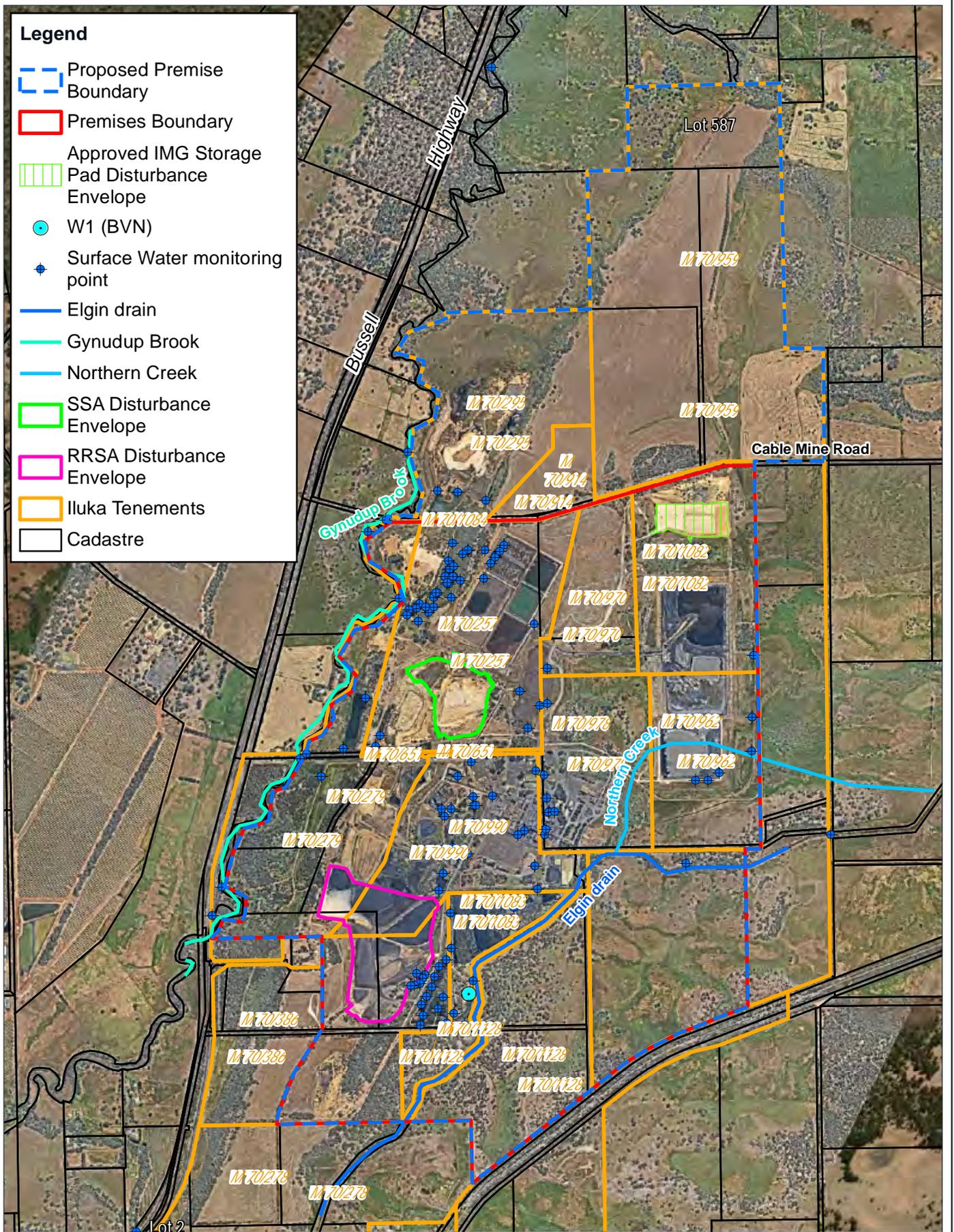
DWG No: 252930v04

FIGURE:

Attachment 2E North Capel Surface Water

Legend

-  Proposed Premise Boundary
-  Premises Boundary
-  Approved IMG Storage Pad Disturbance Envelope
-  W1 (BVN)
-  Surface Water monitoring point
-  Elgin drain
-  Gynudup Brook
-  Northern Creek
-  SSA Disturbance Envelope
-  RRSA Disturbance Envelope
-  Iluka Tenements
-  Cadastre



0 Meters 500

Licence Amendment Application 2025
 North Capel Surface Water

PERTH BASIN



ILUKA

Attachment 5 DEMIRS Mining Proposal Approval Letter



[REDACTED]
Iluka Resources Limited
Sent by email: [REDACTED]

Dear [REDACTED],

**APPROVAL FOR MINING PROPOSAL - STOCKPILE STORAGE AREA AND
PRODUCT STORAGE SHED – NORTH CAPEL**

REGISTRATION ID: 500455

**ENVIRONMENTAL GROUP SITE NAME: NORTH CAPEL GROUP
ENVIRONMENTAL GROUP SITE: S0002001**

I refer to your Mining Proposal received on 4 April 2025, and revised on 27 June 2025. The Mining Proposal has been assessed by the Department of Mines, Petroleum and Exploration (DMPE) and determined to be acceptable for approval under the *Mining Act 1978* (the Mining Act).

I hereby approve the Mining Proposal (Object ID: A A94096493) under the provisions of the Mining Act.

By signing this document, I declare that I have no conflict of interest that prevents me from making a decision on this proposal, as outlined in the DMPE Conflict of Interest Policy.

Please note the comments in Schedule 1 that must be addressed in the next review of the Mine Closure Plan. The approved Mine Closure Plan (Object ID: A94096499) must be reviewed and submitted to DMPE by the end of February 2028, in accordance with the revised tenement conditions (see Schedule 2).

I advise that I intend to recommend the Minister for Mines and Petroleum's delegate impose further conditions on M70/257, M70/978, M70/386, M70/990 M70/279 and M70/1082, as outlined in Schedule 2. Further correspondence will be sent from DMPE once the conditions are imposed.

Important – please note that you must submit a revised Mining Proposal for assessment and approval in the following circumstances:

- When any disturbance is proposed outside the approved disturbance envelope;
- The characteristics of any 'Key Mine Activities' detailed in the Mining Proposal need to be altered;

- A new activity, or change to an activity type, beyond that listed in the 'Activity Details' section of the Mining Proposal is proposed; or
- An increase in area is required for any key mine activity or total activity area on any tenement.

This approval does not supersede any other applicable provisions of the Mining Act, or remove the need for any necessary approvals from other authorities.

You are reminded that you are required to report disturbance data on an annual basis and pay any corresponding levy in accordance with the *Mining Rehabilitation Fund Act 2012* and associated Regulations.

Before work is to commence, please be reminded of your obligation to carry out the mining operation in accordance with the provisions of the *Work Health and Safety Act 2020* and *Work Health and Safety (Mines) Regulations 2022*. Duties under this legislation require the mine operator to provide notice of commencement to the regulator for a mining operation, and to establish and implement a mines safety management system prior to the commencement of mining operations including construction. Further information can be found at www.commerce.wa.gov.au.

Further to this, if your proposal is clearing native vegetation a clearing permit under Part V Division 2 of the *Environmental Protection Act 1986* for clearing of native vegetation will be required unless a relevant exemption applies.

Please be reminded that the *Aboriginal Heritage Act 1972* protects all Aboriginal cultural heritage in Western Australia. This approval in no way grants authority to impact any Aboriginal cultural heritage protected under the *Aboriginal Heritage Act 1972*.

Should you have any queries regarding this letter, please Rebecca Mills, Environmental Officer, on (08) 9222 3491.

Yours sincerely



 Resource and Environmental Compliance
Resource and Environmental Compliance Division
11 July 2025

*Attach: Schedule 1: Areas of the Mine Closure Plan that require further development in the next revision
Schedule 2: Recommended further conditions*

SCHEDULE 1: AREAS OF THE MINE CLOSURE PLAN THAT REQUIRE FURTHER DEVELOPMENT IN THE NEXT REVISION

Section of the Mine Closure Plan	Comments
4. Baseline & Closure Data & Analysis	The materials balance identifies material available for rehabilitation but does not identify how much is needed for successful rehabilitation. This should be provided in the next revision of the mine closure plan and inform the requirement to trial other potential growth mediums.
5. Post-Mining Land Use (PMLU)	DMPE expects Iluka to investigate the feasibility of the alternative PMLU "Low-intensity Industrial post-mining land use". The MCP needs to demonstrate that this proposed land use will realistically be beneficial and outline the steps to be taken to implement this alternative land use, including liaison with relevant stakeholders.

SCHEDULE 2: RECOMMENDED FURTHER CONDITIONS

RECOMMENDED FURTHER CONDITIONS FOR MINING LEASE 70/257

Please alter existing Mine Closure Plan Condition **22** to read 2028 in place of 2027. **[MTSD: Non-Standard Condition]**

RECOMMENDED FURTHER CONDITIONS FOR MINING LEASE 70/279

Please alter existing Mine Closure Plan Condition **29** to read 2028 in place of 2027. **[MTSD: Non-Standard Condition]**

RECOMMENDED FURTHER CONDITIONS FOR MINING LEASE 70/386

Please alter existing Mine Closure Plan Condition **21** to read 2028 in place of 2027. **[MTSD: Non-Standard Condition]**

RECOMMENDED FURTHER CONDITIONS FOR MINING LEASE 70/978

Please alter existing Mine Closure Plan Condition **27** to read 2028 in place of 2027. **[MTSD: Non-Standard Condition]**

RECOMMENDED FURTHER CONDITIONS FOR MINING LEASE 70/990

Please alter existing Mine Closure Plan Condition **22** to read 2028 in place of 2027. **[MTSD: Non-Standard Condition]**

RECOMMENDED FURTHER CONDITIONS FOR MINING LEASE 70/1082

Please alter existing Mine Closure Plan Condition **29** to read 2028 in place of 2027. **[MTSD: Non-Standard Condition]**

Attachment 7 Environmentally Sensitive Receptors

Legend

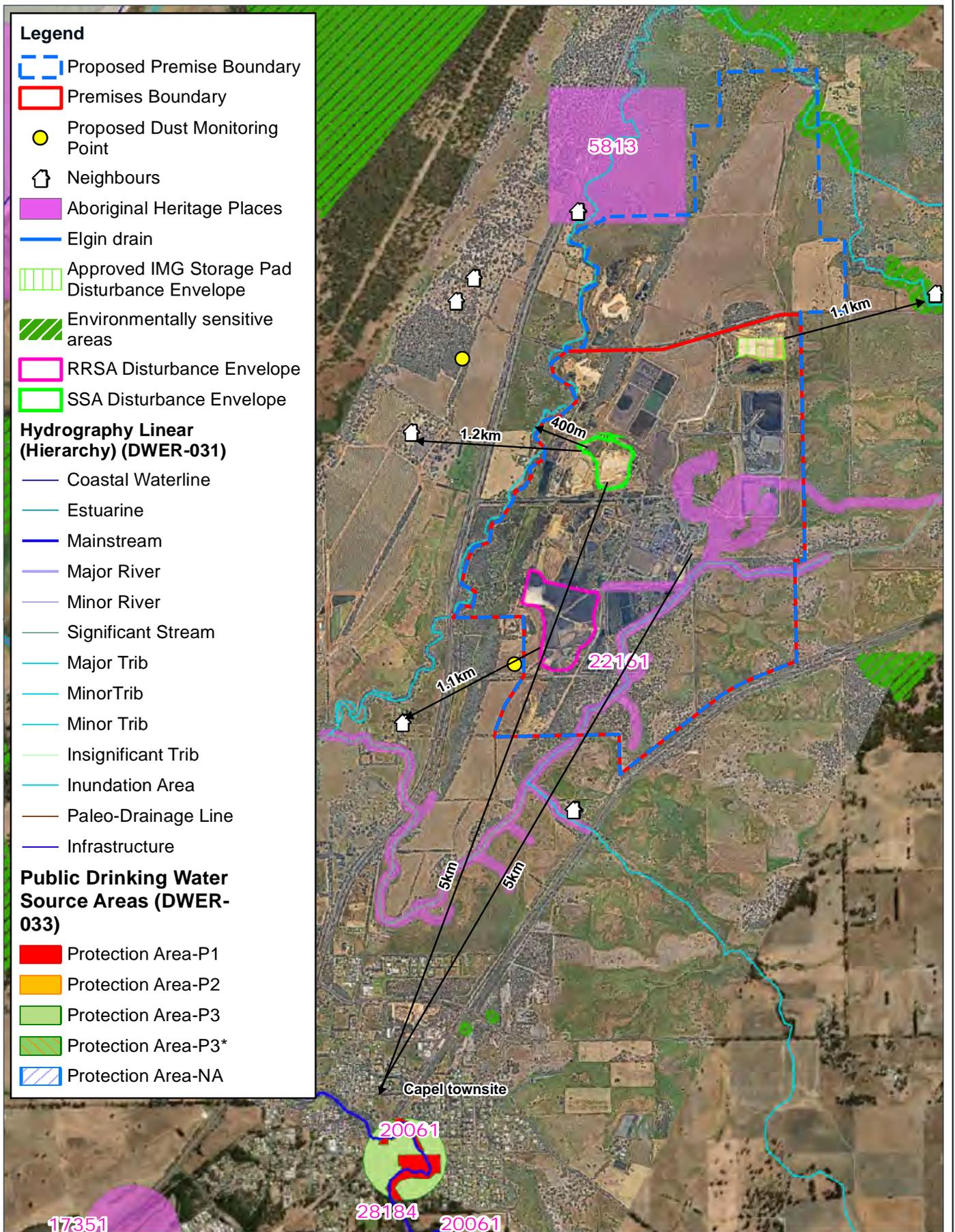
-  Proposed Premise Boundary
-  Premises Boundary
-  Proposed Dust Monitoring Point
-  Neighbours
-  Aboriginal Heritage Places
-  Elgin drain
-  Approved IMG Storage Pad Disturbance Envelope
-  Environmentally sensitive areas
-  RRSA Disturbance Envelope
-  SSA Disturbance Envelope

Hydrography Linear (Hierarchy) (DWER-031)

-  Coastal Waterline
-  Estuarine
-  Mainstream
-  Major River
-  Minor River
-  Significant Stream
-  Major Trib
-  Minor Trib
-  Minor Trib
-  Insignificant Trib
-  Inundation Area
-  Paleo-Drainage Line
-  Infrastructure

Public Drinking Water Source Areas (DWER-033)

-  Protection Area-P1
-  Protection Area-P2
-  Protection Area-P3
-  Protection Area-P3*
-  Protection Area-NA



PERTH BASIN

Licence Amendment Application 2025
NORTH CAPEL SENSITIVE RECEPTORS



ILUKA

Attachment 8 North Capel Licence Amendment Supporting Document – Stockpile Storage, Premises Boundary and Alternative Fuel Trial



NORTH CAPEL LICENCE AMENDMENT – STOCKPILE STORAGE; PREMISES BOUNDARY AND ALTERNATIVE FUEL TRIAL

Licence amendment supporting document

Document Number: PUW2EJ62XMPT-1245019849-235703

ILUKA RESOURCES LIMITED

10 December 2025

Contact: [REDACTED]
Senior Environmental Specialist
[REDACTED]



DOCUMENT CONTROL

Revision	Status of document	Date Created	Document Reference
Rev 0	For Submission	10 Dec 2025	PUW2EJ62XMPT-1245019849-235703

Iluka Resources Limited
ABN 34 008 675 018
L17, 240 St Georges Terrace Perth WA

Acronyms and Abbreviations

ASS	Acid Sulfate Soils
BoM	Bureau of Meteorology
CPD Dams	Co-product Disposal Dams (NUA and Iron Cons storage dams)
DE	Disturbance Envelope
DMPE	Department of Mines, Petroleum and Exploration
DWER	Department of Water and Environmental Regulation
EP Act	<i>Environment Protection Act 1986 (WA)</i>
ESA	Environmentally Sensitive Area
ESP	Electrostatic Precipitators
GHG	Greenhouse Gas
HMC	Heavy Mineral Concentrate
Iluka	Iluka Resources Limited
IMG	Iron-man Gypsum
IWP	Inert Waste Pit
kT	kilo-tonne
MDD	Maximum Dry Density
MNES	Matters of National Environmental Significance
NCSM	North Capel Separation Mill
NGA	National Greenhouse Account
NUA	Neutralised Unused Acid
PDWSA	Public Drinking Water Source Area
ROM Pad	Run-of-Mine Pad
RRSA	Ryans Road Stockpile Area
SR	Synthetic Rutile
SR1	Synthetic Rutile Kiln 1
SR2	Synthetic Rutile Kiln 2
SSA	Stockpile Storage Area
SSD	Solution Storage Dam
The Site	Iluka's North Capel Operation
TDF	Tyre Derived Fuel
TSP	Total Suspended Particles

US EPA	United States Environmental Protection Agency
WA	Works Approval
WSL	Westralia Sands Limited (now Iluka Resources Limited)

TABLE OF CONTENTS

1.	Purpose and Scope	8
1.1	Proponent details.....	9
1.2	Location and site layout.....	9
1.3	History of the Operations.....	13
1.3.1	Mineral Separation Plant.....	13
1.3.2	SR Processing Plants	13
2.	Proposed Project Activities	14
2.1	Stockpile Storage Facilities.....	14
2.2	Prescribed Premises Boundary	16
2.3	Alternative Fuel Trial Program	18
2.3.1	SR Process Summary.....	18
2.3.1.1	Tyre Derived Fuel	18
2.3.1.2	Biochar	19
2.3.2	Trial Objectives	19
2.3.3	Trial Method	19
2.3.4	Trial Monitoring.....	20
2.3.5	Trial Success and Reporting	20
2.4	Operation	22
2.5	Regulatory Context (Approvals).....	22
2.6	Stakeholders.....	23
3.	Existing Environment	25
3.1	Climate	25
3.2	Soils and Geology	25
3.3	Hydrology	26
3.3.1	Groundwater	26
3.3.2	Surface Water	26
3.4	Biodiversity.....	28
3.4.1	Vegetation and Flora	28
4.	Social Environment	29
4.1	Current Land Use	29
4.2	Heritage.....	29
4.3	Sensitive Receptors	31
5.	Environmental Impacts	33
5.1	Dust	33
5.2	Noise	33
5.3	Air Emissions	33
5.4	Land Clearing.....	34
5.5	Flora and Fauna.....	34
5.6	Groundwater.....	34

5.7	Surface Water	34
6.	Emissions, Discharges and Waste Management	35
6.1	Dust Emissions	35
6.1.1	Dust Monitoring.....	35
6.2	Noise Emissions.....	37
6.3	Waste	37
6.4	Stormwater Emissions.....	37
6.5	Air Emissions	38
7.	Risk Mitigation and Management	39
7.1	Risk Assessment Method	39
7.2	Risk Assessment	40
8.	References.....	42
9.	Appendices.....	Error! Bookmark not defined.

LIST OF TABLES

Table 1: North Capel Prescribed Premises Categories	8
Table 2: Licence Amendment Stockpile Storage Facilities	14
Table 3: Coal vs Tyre Energy Content and GHG Emissions.....	18
Table 4: Coal vs TDF Injection Usage Summary.....	20
Table 5: Coal vs Biochar Usage Summary.....	21
Table 6. Summary of Environmental Approvals and Licences	22
Table 7. Stakeholders of the North Capel Operation	23
Table 8: Proposed Stormwater Controls	37
Table 9: Likelihood Rating Matrix.....	39
Table 10: Consequence Rating Matrix.....	39
Table 11: Risk Rating Matrix	40
Table 12: Risk Assessment.....	41

LIST OF FIGURES

Figure 1: Location map	10
Figure 2. North Capel Tenement Map and Proposed Premises Boundary	11
Figure 3. North Capel Proposed Site Layout.....	12
Figure 4: Former North Capel Licence Premises Boundary.....	17
Figure 5: North Capel Monthly Wind Frequency Rose.....	25
Figure 6. North Capel Surface Water Features and Monitoring Locations	27
Figure 7. North Capel Vegetation Condition Mapping in relation to the RRSA and SSA Developments (Ecosystem Solutions, 2013).....	28



Figure 8. Aboriginal Heritage Sites in relation to North Capel 30

Figure 9. Proximity of sensitive receptors to the site..... 32

Figure 10: TSP and PM10 levels during TLO 36

INTRODUCTION

Iluka Resources Limited’s (Iluka) North Capel operation is a mineral sands processing facility located on Yearly Road, approximately 200 kilometres south of Perth and four kilometres north of Capel, as presented in Figure 1 (the Site).

The Site is a prescribed premises and operates under Licence L4557/1986/19. The proposed activities in this Application are covered by the existing licence categories, presented in Table 1.

Table 1: North Capel Prescribed Premises Categories

Category	Description	Approved production or design capacity
Category 8	Mineral sands mining or processing	730 000 tonnes per annual period
Category 31	Chemical manufacturing	380 000 tonnes per annual period
Category 37	Char Manufacturing	30 000 tonnes per annual period

1. PURPOSE AND SCOPE

This document has been prepared to provide supporting information to the “Application for a Licence Amendment” for this Project, in accordance with Section 54 of the EP Act.

Iluka was granted Works Approval (WA) W2964/2025/1 on 21 July 2025 for the construction of the Stockpile Storage Area (SSA). Construction of the SSA was completed and the Environmental Compliance Report was submitted on the 20 October 2025.

In accordance with W2964 the following site infrastructure has been operated under time limited operations:

- The newly constructed SSA;
- The existing Ryans Road Stockpile Area (RRSA); and
- The existing Iron-man Gypsum (IMG) storage pad.

Iluka is submitting a Licence Amendment to seek authorisation under Part V of the *Environmental Protection Act 1986* (EP Act) to operate the following facilities:

- SSA – to store coal, Heavy Mineral Concentrate (HMC) or other products for use in the North Capel Synthetic Rutile (SR) process;
- RRSA – utilise the existing facility for coal storage; and
- Iron-man Gypsum (IMG) storage pad – utilise the existing pad to allow the storage of coal or mineral sands as required.

In addition, this Licence Amendment covers the following aspects:

- Reinstating the prescribed premises boundary north of Cable Mine Road as per L4557/1986/18 of 2013; and
- Trialling alternative fuels as a substitute for injection coal in the SR process, namely Tyre Derived Fuel (TDF) and Biochar.

1.1 Proponent details

The occupier (the Licensee) of the land subject to this Licence Amendment application is:

Iluka Resources Limited
Level 17, 240 St Georges Terrace
PERTH WA 6000
T: +61 8 9360 4700
www.iluka.com
ACN: 008 675 018

The nominated Iluka representative for this Licence Amendment is:

Travis Drysdale
Senior Environmental Specialist
E: Travis.Drysdale@iluka.com
T: 08 9780 3592

1.2 Location and site layout

The North Capel Prescribed Premises Boundary contains the following tenements: M70/257, M70/651, M70/962, M70/970, M70/978, M70/990, M70/1083 and M70/1128. It also partially contains the following tenements: M70/279, M70/386, M 70/959 and M70/1082 (see Figure 2). Figure 2 also illustrates the proposed change to the premises boundary.

The Prescribed Premises is comprised of freehold land and small areas of road reserve. It incorporates the active North Capel processing site including the North Capel separation mill (NCSM) and synthetic rutile (SR) kilns SR1 and SR2 and parts of historic mining areas (the North Capel South mine, North Capel West mine and North Capel West extension).

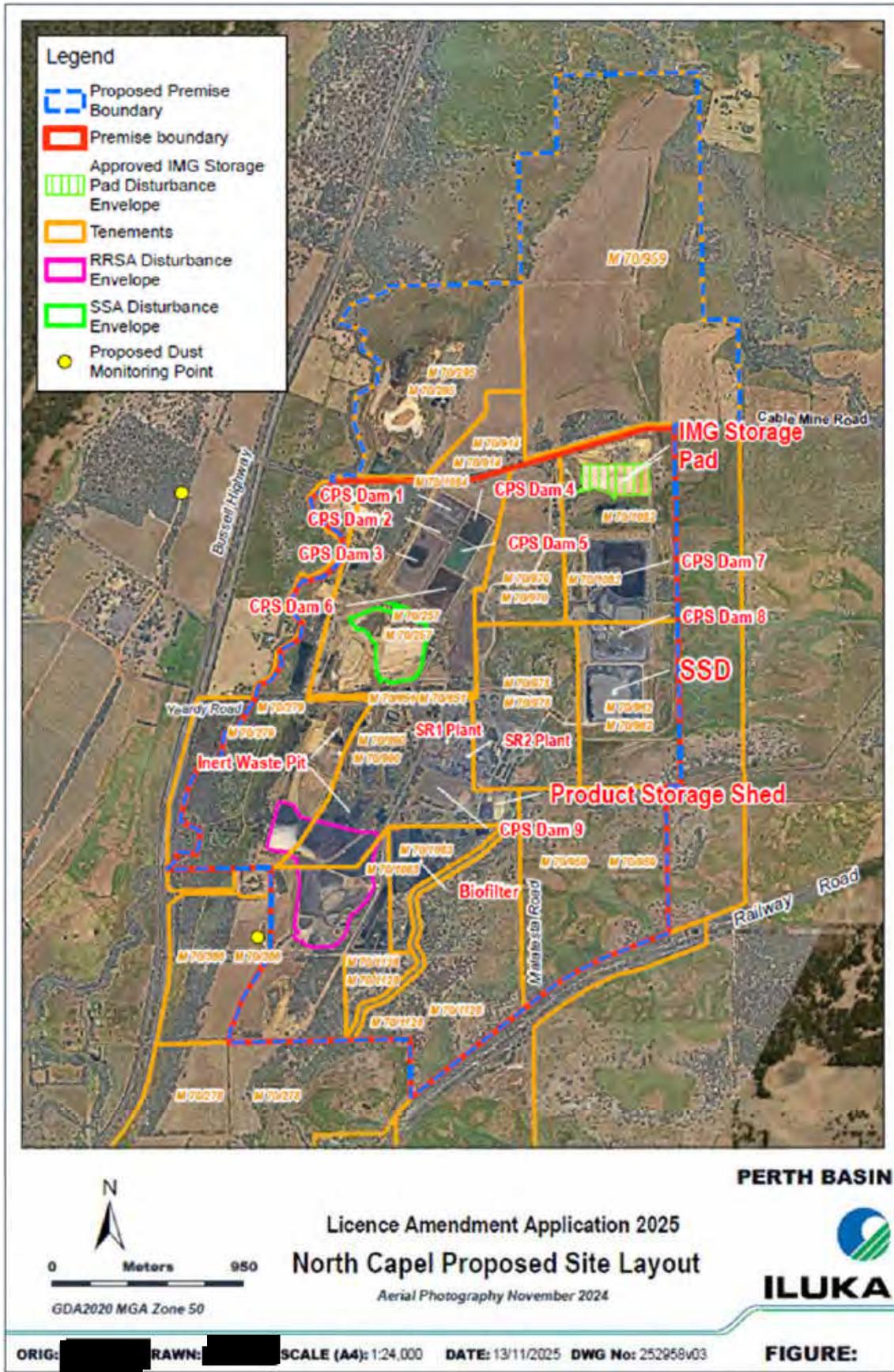


Figure 3 illustrates the project areas that are the subject of the Licence Amendment application.



Figure 1: Location map

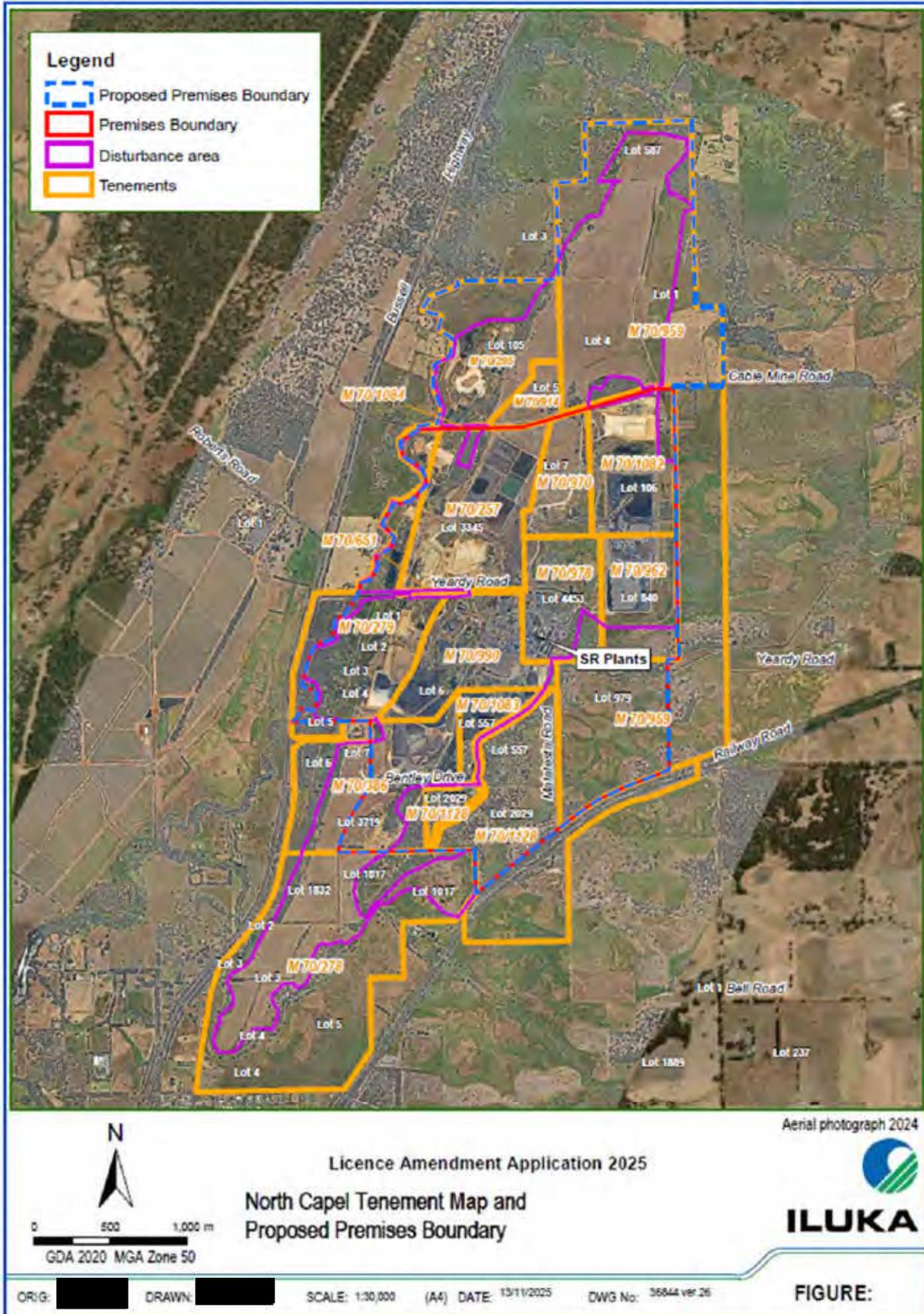


Figure 2. North Capel Tenement Map and Proposed Premises Boundary

1.3 History of the Operations

The North Capel site was extensively disturbed prior to 2002 due to agricultural activities and historic mining operations. HMC mining is no longer carried out at the North Capel site. Mining areas on the site are now either at various stages of rehabilitation or have been incorporated into activities associated with synthetic rutile (SR) production. Processing facilities at the site includes the North Capel separation mill (NCSM) and SR kilns SR1 and SR2.

1.3.1 Mineral Separation Plant

HMC feed is now provided from other mine sites (principally the Cataby mine site) for magnetic and electrostatic separation into the magnetic ilmenite (titanium-iron oxide) rich fraction and the non-magnetic fraction through the NCSM. The magnetic fraction is stockpiled on-site for processing in the SR facilities or sold as product.

1.3.2 SR Processing Plants

North Capel has two SR production plants, SR1 and SR2. SR1 was recommissioned in 2022 and is utilised as a swing kiln to take advantage of favourable market conditions. SR1 was idled in 2024, and SR2 remains operational.

The SR process uses a rotary kiln and coal to chemically reduce most of the iron in the ilmenite to metallic iron. The reduced ilmenite is treated with ammonium chloride (acting as a catalyst) and aerated in a process of accelerated corrosion that converts the metallic iron to iron oxide outside of the original mineral. The mixture is hydro-cycloned to separate the titanium-rich, coarse, porous fraction from the iron oxide. The titanium enriched product is treated with sulfuric acid to dissolve many of the remaining impurities, primarily residue metallic iron, and iron and manganese sulfides, to produce synthetic rutile. The process is completed by washing and drying the synthetic rutile.

The sulfuric acid treatment produces hydrogen sulfide and hydrogen gases which, along with other gases from the reduction kiln and additional oxygen (air), are passed through the Thermal Oxidizer for oxidation. Other air emission control equipment includes the Dust Settling Chamber and the Electrostatic Precipitators (ESPs) in SR2. SR1 utilises a venturi differential pressure wet scrubber system to remove particulates and some remaining waste gases.

The process secondary products are treated as follows:

- Spent acid waste is neutralised with lime to produce Neutralised Unused Acid (NUA) solids which are stored in the Co-product disposal dams (CPD Dams) or harvested from dams and stockpiled on site as Iron Man Gypsum (IMG).
- Iron oxide effluent is stored in the CPD Dams, where the decant from solid separation is recycled through the ammonia chloride process.
- Particulates, including ilmenite fines, coal dust and other mineral dust are removed from the kiln gas stream and stored in the Solution Storage Dam (SSD).
- Inert and non-magnetic solids are dry stockpiled in the Inert Waste Pit (IWP).
- Activated Carbon is recovered for sale from the inert and non-magnetic solids stream, reducing the amount of disposal to the IWP.

Process secondary products including NUA solids (as IMG), iron oxide concentrate and activated carbon, are periodically recovered, stockpiled and on-sold when commercially viable.



2. PROPOSED PROJECT ACTIVITIES

2.1 Stockpile Storage Facilities

The primary justification for the Licence Amendment is to authorise the ongoing storage and management of stockpiled material at the facilities summarised in Table 2.

Table 2: Licence Amendment Stockpile Storage Facilities

Details	SSA	RRSA	IMG Storage Pad
Tenement	M70/257	M70/990, M70/386 and M70/279	M70/1082
DMPE Mine Activity	Run-of-Mine (ROM) Pad	Run-of-Mine (ROM) Pad	Run-of-Mine (ROM) Pad
Estimated Stockpile Capacity	327,000 m ³	798,000 m ³	200,000 m ³ ¹
Storage Area	4.720 ha	23.220 ha	4.520 ha
Proposed stockpile material	Coal and HMC	Coal and Mineral Sands	Coal, IMG and mineral sands as required
Pad construction	200mm thick limestone compacted to 95% maximum dry density (MDD)	Limestone compacted to 95% MDD	Limestone compacted to 95% MDD
Groundwater controls	Pad construction >1m above the highest annual groundwater level Monitoring bore network	Pad construction >1m above the highest annual groundwater level Monitoring bore network	Pad construction >1m above the highest annual groundwater level Monitoring bore network
Surface water controls	Limestone-lined drainage swale to settling pond and pump pond. Constructed greater than 1 m above the highest annual groundwater level. Surface pump and pipework to transfer water from the pump pond to the CPD Dams. Diesel pump on standby for heavy rainfall events.	Perimeter bunds prevent surface water ingress. Constructed greater than 1 m above the highest annual groundwater level. Rock chutes and a fines fallout basin allow clean water surface flows to discharge to the west	Perimeter bunds prevent surface water ingress. Constructed greater than 1 m above the highest annual groundwater level. Drainage infrastructure to direct runoff via a rock-filtered outlet channel.

¹ The IMG Pad is a temporary storage location for coal whilst the SSA was under construction. This coal will be prioritized for consumption.



Details	SSA	RRSA	IMG Storage Pad
	Daily inspections of bunds and stormwater controls.	Daily inspections of bunds and stormwater controls.	Daily inspections of bunds and stormwater controls.
Dust controls	<ul style="list-style-type: none"> Coal stockpiles are compacted and rolled to maintain batter angles and reduce wind-induced spontaneous combustion risk. 4m wide access corridor around the perimeter for stockpile access and management. Dust suppressant (e.g. Gluon) applied to HMC/mineral sands at a minimum once per year. Water truck application to access roads. Perimeter controls (SSA elevated batters; Wind mitigation fencing proposed for RRSA). 2 x Osiris dust monitors that alert for elevated total suspended particulates based on wind direction. 		
Stockpile management	<p><u>Coal:</u></p> <ul style="list-style-type: none"> Stockpiles to 10m. Stockpile batters no steeper than 1:3.5. Rolled and compacted. Daily inspections. <p><u>HMC/Mineral sands:</u></p> <ul style="list-style-type: none"> Sands stockpiled to the angle of repose. Stockpiles to 6m. 		
Daily Inspections to ascertain:	<ul style="list-style-type: none"> Coal stockpile batters do not exceed 1:3.5. Integrity and functionality of perimeter bunds and stormwater infrastructure. Presence of visual indicators of smouldering hotspots. The effectiveness of dust suppressant (e.g., Gluon) on mineral sand stockpiles. All observations and corrective actions are recorded within the register. 		

2.2 Prescribed Premises Boundary

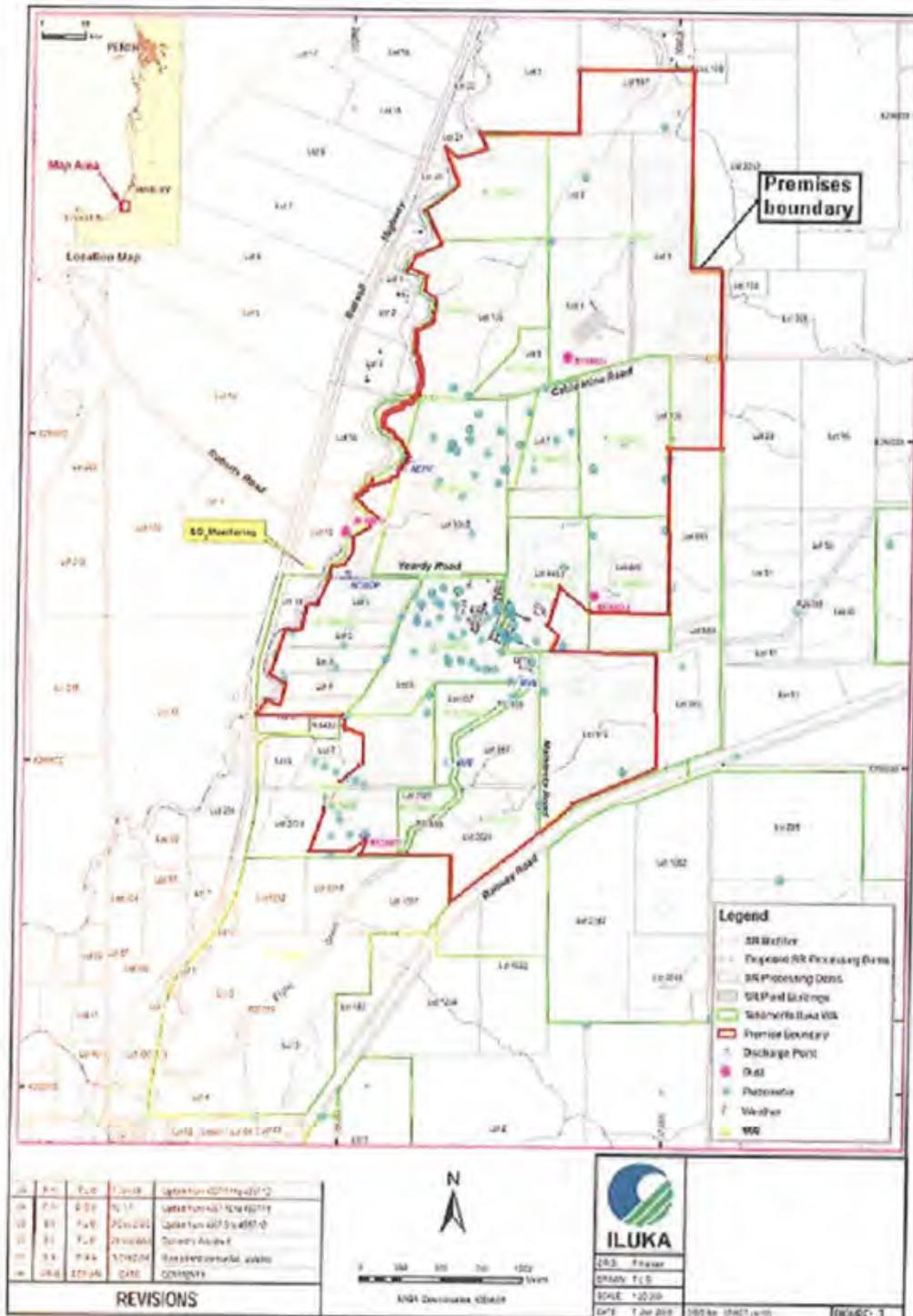
Iluka would like to reinstate the prescribed premises boundary north of Cable Mine Road as per L4557/1986/18 of 2013 (see Figure 4).

A portion of M70/295 remains disturbed and requires rehabilitation. Iluka would like to have the controls imposed by L4557/1986/19 active across this tenement in order to manage the potential impacts from the rehabilitation activities. The available land to the north of Cable Mine Road is owned by Iluka and under Iluka tenements, it has been identified suitable for future critical infrastructure developments (subject to future approvals).

ATTACHMENT 2 – PLAN OF PREMISES

LICENCE NUMBER: L4557/1986/18

FILE NUMBER: 2011/009983



Date of Issue: Thursday, 17 January 2013

Page 18 of 24

Figure 4: Former North Capel Licence Premises Boundary

2.3 Alternative Fuel Trial Program

The Safeguard Mechanism is administered through the National Greenhouse and Energy Reporting Scheme and requires Australia’s highest greenhouse gas (GHG) emitting facilities to keep their emissions below an emissions limit (baseline). The North Capel facility is considered a Safeguard facility with annual emissions exceeding 100,000 tCO₂-e.

Safeguard facilities are required to reduce their emissions in line with Australia’s climate targets, implementing declining baselines which have a default decline rate of 4.9% per annum.

In the case of North Capel, sources of scope 1 emissions are from fuel combustion of natural gas, diesel, and coal, to which coal forms most of the emissions. Coal is a key component of the synthetic rutile process as it is both a reductant and a heat source which makes it difficult to achieve the reductions required by the Safeguard Mechanism. Although the reducing ability of coal is difficult to substitute, some of the heating requirements could be replaced with a lower GHG source such as tyre derived fuels (TDFs) and biochar.

2.3.1 SR Process Summary

North Capel has two Synthetic Rutile (SR1 and SR2) production plants. The SR process uses a rotary kiln and coal to chemically reduce most of the iron in the ilmenite to zero oxidation state (metallic iron).

The reduced ilmenite is treated with ammonium chloride [acting as a catalyst] and aerated in a process of accelerated corrosion that converts the metallic iron to iron oxide outside of the original grain. The mixture is cycloned to separate the titanium-rich, coarse, porous fraction from the iron oxide. The titanium enriched product is treated with sulfuric acid to dissolve many of the remaining impurities, primarily residue metallic iron, and iron and manganese sulfides, to produce synthetic rutile. The process is completed by washing and drying the synthetic rutile.

The sulfuric acid treatment produces hydrogen sulfide and hydrogen gases which, along with other gases from the reduction kiln and additional oxygen (air), are passed through the After Burner Chamber (Thermal Oxidizer) for oxidation. Other air emission control equipment includes the Dust Settling Chamber (DSC) and the Electrostatic Precipitators (ESP’s) in SR2. SR1 (currently idled) utilises a venturi differential pressure wet scrubber system to remove particulates and partially removing remaining waste gases.

Approximately 10% of coal consumption occurs via injection coal to the After Burner Chamber. It is this part of the SR process where TDF or biochar may be a suitable replacement for coal.

2.3.1.1 Tyre Derived Fuel

TDFs have been identified as fuel source because of the high heating value and produces less CO₂/kJ when compared with coal. Table 3 compares the energy content and associated GHG emissions of coal and TDF (CNF & Associates, 2021).

Table 3: Coal vs Tyre Energy Content and GHG Emissions

Parameter	Coal	Tyre
Energy Content (MJ/kg)	21	30.8
GHG Emissions (kg CO ₂ /t)	1421	1730
GHG Emissions (kg CO ₂ /GJ) ²	90.24	63.03

The United States Environmental Protection Agency (US EPA) states that TDF is one of several viable alternatives to prevent newly generated scrap tires from inappropriate disposal in tyre piles, and for

² National Greenhouse Accounts Factors: 2025

reducing or eliminating existing tyre stockpiles. Scrap tyres are used as fuel because of their high heating value, the US EPA considers it better to recover the energy from a tyre rather than landfill it ([US EPA, 2016a](#)).

US EPA and state testing has shown that TDF produces emissions comparable to other conventional fuels. At well controlled facilities, emissions will not change significantly when TDF is used to replace some of the typical fuel used at the facility. Other benefits of TDF as cited by the US EPA include ([US EPA, 2016b](#)):

- TDF reduces the amount of fossil fuels that would otherwise be consumed.
- TDF is less expensive than fossil fuels.
- Diversion of tyres from landfills reserves landfill capacity for other municipal waste.
- TDF offers the potential advantage of decreasing emissions of oxides of sulfur (SOx) when used to replace high sulfur coal in cement kiln applications.
- Emission sampling results from one cement kiln showed that carcinogenic risk declined when TDF was burned as a fuel.

2.3.1.2 Biochar

Biochar is fuel generated by the torrefication of biomass which is a renewable and carbon neutral resource. Depending on the level of torrefication, biochar can have similar thermal and chemical properties to coal thus having the potential to directly substitute for coal.

Based on the National Greenhouse Account (NGA) factors, biochar's emission factor (kg CO₂-e/GJ) would be between biomass and charcoal, which could result in a 93 to 98% reduction in the Scope 1 emission per tonne of coal substituted. This makes biochar an attractive alternative as it can result in significant reductions in Scope 1 emissions.

2.3.2 Trial Objectives

The objective of the trial is to:

- Determine whether injection coal can be substituted by alternative fuels effectively in the existing synthetic rutile process.
- Determine any impacts on the synthetic rutile and activated carbon quality produced.
- Determine the effectiveness of alternative fuels through the current injection delivery system.
- Measure the impact on plant emissions.
- Measure the potential changes to waste stream characteristics.

2.3.3 Trial Method

To maximise the value of the process heat that the alternative fuel provides, the optimal position to input the fuel via the injection coal pathway at the discharge end of the kiln.

The current rate of injection coal is approximately 1 – 1.5 t/hr. It is expected that less TDF would be required to produce the same amount of energy.

The TDF feed rate for the trial is unlikely to exceed the injection coal rate as the TDF has 50% higher energy content so theoretically needs 50% less mass to make the same amount of energy. Therefore, a TDF feed rate of 1 t/hr is proposed.

Due to the similar properties of biochar, the feed rate is expected to be similar to injection coal feed rate of 1 – 1.5 t/hr.

Iluka intend to undertake an initial 12-hour trial to primarily determine potential impacts on synthetic rutile and activated carbon quality. Pending the trial outcomes, a longer five-day trial may occur to determine the rest of the above stated trial objectives.

A trial for each TDFs and biochar will be conducted separately. A minimum of 1 week between each trial will be observed to re-establish a baseline to compare the impacts of each alternate fuel.

Given the relatively small quantities of alternate fuel required for the trials (maximum 120 t of TDF and 180 t of biochar for the five-day trial), the fuels can be delivered to site directly prior to the trial commencement. Fuels will be transported via bulker bags, sea container or a side tipper truck. The tyre crumb or biochar will be delivered to the road hopper. The unloaded material will travel via the raw materials handling conveyor, through the coal screen and onto the coal conveyor and into the injection coal bin where it feeds the coal injection system. This system is enclosed and fitted with dust extraction controls.

2.3.4 Trial Monitoring

Iluka propose to undertake a compliance stack monitoring event for SR2 during the trials to ensure emission limitations are achieved as defined with Part V Licence L4577/1986/19. As supported by the US EPA citations, Iluka anticipates that emissions to air will not exceed the limits listed in the Licence.

Air emission control equipment includes the Dust Settling Chamber and the Electrostatic Precipitators (ESPs) in SR2. Monitoring will be limited to Emission Point A1 – SR2 110m Stack. Sampling and analysis will be undertaken by a third-party, NATA accredited provider.

2.3.5 Trial Success and Reporting

The outcomes of the trial programs will be reported within the North Capel Annual Environmental Report (AER).

Table 4 provides a summary of the net environmental benefits, should TDF be proven a suitable substitute for injection coal.

Table 4: Coal vs TDF Injection Usage Summary

Parameter	Value
Coal avoided per hour	1.5 t
TDF used per hour	1.0 t
Annual operating hours	8,760 h
Annual coal avoided	13,140 t
Annual TDF used	8,760 t
Coal emission factor	1.421 t CO ₂ /t coal
TDF emissions factor	1.730 t CO ₂ /t tyre
CO₂ avoided (coal)	18,690 t CO₂
CO₂ added (tyres)	15,155 t CO₂
Net CO₂ savings	3,535 t CO₂/year

Table 5 provides a summary of the net environmental benefits, should biochar be proven a suitable substitute for injection coal.

Table 5: Coal vs Biochar Usage Summary

Parameter	Value
Coal avoided per hour	1.5 t
Biochar used per hour	1.5 t
Annual operating hours	8,760 h
Annual coal avoided	13,140 t
Annual biochar used	13,140 t
Coal emission factor	1.421 t CO ₂ /t coal
Biochar emissions factor	0.196 t CO ₂ /t biochar
CO₂ avoided (coal)	18,690 t CO₂
CO₂ added (biochar)	2,575 t CO₂
Net CO₂ savings	16,115 t CO₂/year

There is another option of inputting the TDF or biochar via the feed end of the kiln but to reduce the number of variables, only inputting via the discharge end is currently being considered. Optimising these alternative fuels input to the kiln is a potential future trial.

2.4 Operation

Operational activities for the SSA, RRSA and IMG storage pad will be limited to daylight operations where possible. However, night operations may be required given feed requirements to the SR kilns.

Operations will consist of material delivery and load outs, via wheeled loaders and trucking movements. Stockpile management will be ongoing to maintain batters and ensure the available area is maximised.

The alternative fuel trials (12-hour trial and the five-day trial), will occur when operations allow for the interruption to production.

2.5 Regulatory Context (Approvals)

Table 6 provides a summary of key environmental documents approved under the *Mining Act 1978*, the *Environmental Protection Act 1986*, and other relevant state legislation.

Revision 4.0 of the North Capel Mine Closure Plan was approved in July 2025 with the Mining Proposal – Stockpile Storage Area and Product Storage Shed North Capel, Reg ID: 500455 (Iluka, 2025).

Table 6. Summary of Environmental Approvals and Licences

Environmental Approval documents under the <i>Mining Act 1978</i>
<i>Proposed Ilmenite Separation Mill Relocation</i> , File No. 2234/94 (WSL, 1997a)
<i>Notice of Intent – Research and Demonstration Iron Plant North Capel</i> , File No. 369/90 (WSL, 1997b)
<i>Notice of Intent – Extension of North Capel West Mine Mining Lease 70/295, 70/914, 70/959, 70/1082, 70/1084</i> , File No. 4358/00 (Iluka, 2001a)
<i>Addendum to Notice of Intent - North Capel West Deposit – Disposal of Inert Waste</i> , Reg ID 17014 (Iluka, 2001b)
<i>North Capel West Mineral Sands Project Notice of Intent Addendum</i> , Reg ID 18283 (South of Yeady Road) (Iluka, 2004)
<i>Addendum to the Notice of Intent, Application for the Stage 1 Lift of the Iron Oxide Dams 4 and 5</i> , NOI 5149 (Iluka, 2005b)
<i>North Capel Bulk Mineral Storage Shed Project Notice of Intent</i> , Reg ID 18568 (Iluka, 2005c)
<i>Mining Proposal North Capel Synthetic Rutile Plant application for the downstream lift of the Solution Storage Dam</i> , Reg ID 23930 (Iluka, 2009);
<i>Mining Proposal: Export of Iron Concentrate North Capel M70/257, M70/962, M70/1082 and South Capel M70/63</i> , Reg ID 32131 (Iluka, 2011a)
<i>Mining Proposal/Works Approval Application, North Capel Synthetic Rutile Plant, Application for the downstream lift of the solution storage dam</i> , Reg ID 33642 (Iluka, 2012b)
<i>North Capel Operations - Construction of new Synthetic Rutile Plant 1 (SR1) Stack</i> , Reg ID 54685 (Iluka, 2015a)
<i>North Capel Operations – Activated Carbon Project Handling Facilities - Mining Proposal for M70/978 and M70/990</i> , Reg ID 58058 (Iluka, 2015b)
<i>Mining Proposal Extension of the North Capel Inert Waste Pit</i> , Reg ID 69613 (Iluka, 2017).
<i>Mining Proposal North Capel IMG Storage Pad</i> , Red ID: 121260 (Iluka, 2024)
<i>Mining Proposal – Stockpile Storage Area and Product Storage Shed North Capel</i> , Reg ID: 500455
Environmental Protection Act 1986 (EP Act)*
<i>Operating Licence L4557/1986/19 (issued under Part V of the EP Act)</i>

Rights in Water and Irrigation Act 1914
Licence To Take Water GWL161847(4)
Groundwater Operating Strategy – Iluka Southwest Operations (RPS, 2020), approved by DWER 8 June 2020.
Work Health and Safety Act 2020 (WH&S Act) and Radiation Safety Act 1975
Southwest Operations Radiation Management Plan 2024 (Iluka, 2024) – approved
Contaminated Sites Act 2003
North Capel Framework Plan for Contamination Management (Iluka, 2022c)

*Note In 2023 Iluka submitted a S47 to withdraw MS768 due to duplication of conditions within L4557/1986/49. The approval to withdraw was granted by DWER on 8th April 2025.

2.6 Stakeholders

Iluka has identified stakeholders who have an interest in the North Capel Operation (Table 7).

All stakeholder engagement undertaken by Iluka are recorded in Iluka’s online stakeholder engagement database.

Iluka considers the licence amendments to be in line with existing operation and wider consultation is unwarranted in relation to the proposed activities.

Table 7. Stakeholders of the North Capel Operation

Stakeholder category	Stakeholder
Decision Making Authorities	Department of Mines, Petroleum and Energy (DMPE)
	Department of Water and Environment Regulation (DWER)
Landholders/lessees	Iluka and other (non-Iluka) leasees who may operate upon Iluka buffer lands
Government organisations	Shire of Capel
	Radiological Council of Western Australia (RCWA)
	Department of Planning, Lands and Heritage
	Main Roads Western Australia
	Department of Fire and Emergency Services
	Western Power
TDF Supplier	Tyrecycle
Community members	Neighbours in the vicinity of the operation
	Indigenous groups Gnaala Karla Booja Aboriginal Corporation
	Local community groups and businesses

Iluka maintains a 24 hour hotline for stakeholder complaints and feedback. Any consultation via the hotline is logged within an electronic incident management system (Cintellate) where Environmental, Health and Safety issues are raised and where necessary controls are actioned and managed.

Iluka notified DWER of its intention to conduct the 12 hour TDF trial, a summary of this consultation is as follows:

- 22 October 2025 – DWER notified via email of Iluka’s intention to undertake a 12 hour trial in late November 2025.
- 24 October 2025 – a detailed Information Memorandum submitted to DWER defining the trial scope, methodology and associated emissions monitoring.
- 27 October 2025 – Teams meeting between DWER and Iluka, attendees include:
 - Melissa Chamberlain, DWER;
 - Chris Malley, DWER;
 - John McGowan, DWER;
 - Campbell Hawks, Iluka; and
 - Travis Drysdale, Iluka.

Although the trial is short in duration, and expected to improve the emission profile with established controls, monitoring and potential net environmental benefits, DWER confirmed that authorisation under Section 53 of the EP Act is required before proceeding. Accordingly, the trial has been included within this licence amendment application to enable implementation as operations permit.

3. EXISTING ENVIRONMENT

3.1 Climate

The North Capel site has a Mediterranean climate, characterised by cool wet winters and dry hot summers. Average daily temperatures at Busselton range from 18.5 to 30.5 °C in summer and 11.8 to 23.1 °C in winter, based on data obtained from Bureau of Meteorology (BoM) station 9603 (Busselton Airport Station), with data collected since 1997 (BoM, 2024).

Strong winds are experienced during winter from the north, northwest and west quadrants. Summer conditions are dominated by easterly winds in the morning and south westerly winds in the afternoon (Figure 5).

The long-term average annual rainfall at Busselton Airport Station (009603) is 683 mm. Total rainfall was 638.4 mm in 2022/23 and 674.6 mm for 2023/24. The average long-term rainfall of 750 mm is based on records from Vasse River/Chapman Hill Station (509063) between 1972 and 2024.

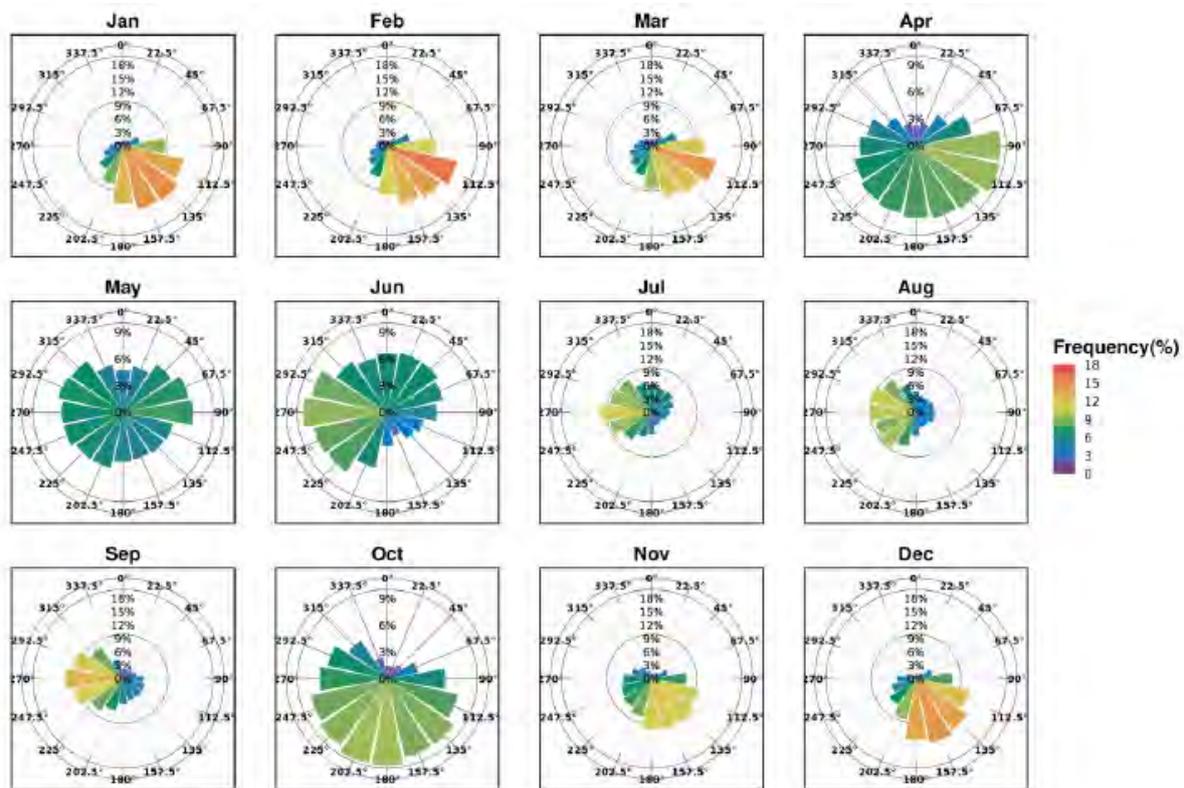


Figure 5: North Capel Monthly Wind Frequency Rose

3.2 Soils and Geology

The site consists primarily of dunal sands of the Spearwood Formation, underlain by clayey deposits of the Guildford Formation. The majority of the Project area was originally dominated by the dunal sands of the Spearwood, grading westerly into Guildford Clay (Cymod, 2007).

The soils of the North Capel site are not expressly relevant to this submission. The project area of the stockpile storage areas are located within an existing operational site that was previously mined in 2000 and subsequently backfilled.

3.3 Hydrology

3.3.1 Groundwater

The North Capel site is located within the Busselton-Capel Groundwater Area. Groundwater in the vicinity typically resides in the Spearwood Sands and Guildford Clay, and flows westward, where it discharges into low areas to form wetlands such as the North Capel Wetlands or flows through the Guildford Clay in a westerly direction. There is also some evidence that there is local discharge from the dunes to the east into Elgin Drain. While some water flows into the dune system from the east, most groundwater is sourced from rainfall recharge on the dunal areas (Cymod, 2007).

Iluka has an extensive groundwater monitoring program. Groundwater monitoring points in relation to each material storage are illustrated on the respective figures.

3.3.2 Surface Water

Generally flat topography and high winter rainfall has led to the development of waterlogged areas on the Pinjarra Plain in the eastern and western areas of the local Capel Region. The main watercourses in the North Capel area include:

- Gynudup Brook; and
- Elgin Drain.

Both watercourses are tributaries to the Capel River, which is a locally significant watercourse. The Capel River flows into Geographe Bay through an artificial breach in the coastal sand dunes. These surface water features and surface water monitoring locations in relation to the proposed disturbance envelopes are detailed within (Figure 6).

Process waste water and surface water through the North Capel site are managed and treated through the onsite biofilter before being discharged into Elgin drain via the Bentley Road v-notch weir (emission point W1). Emissions to surface water are monitored to achieve criteria defined by table 2.3.2 within L4557/1989/19.

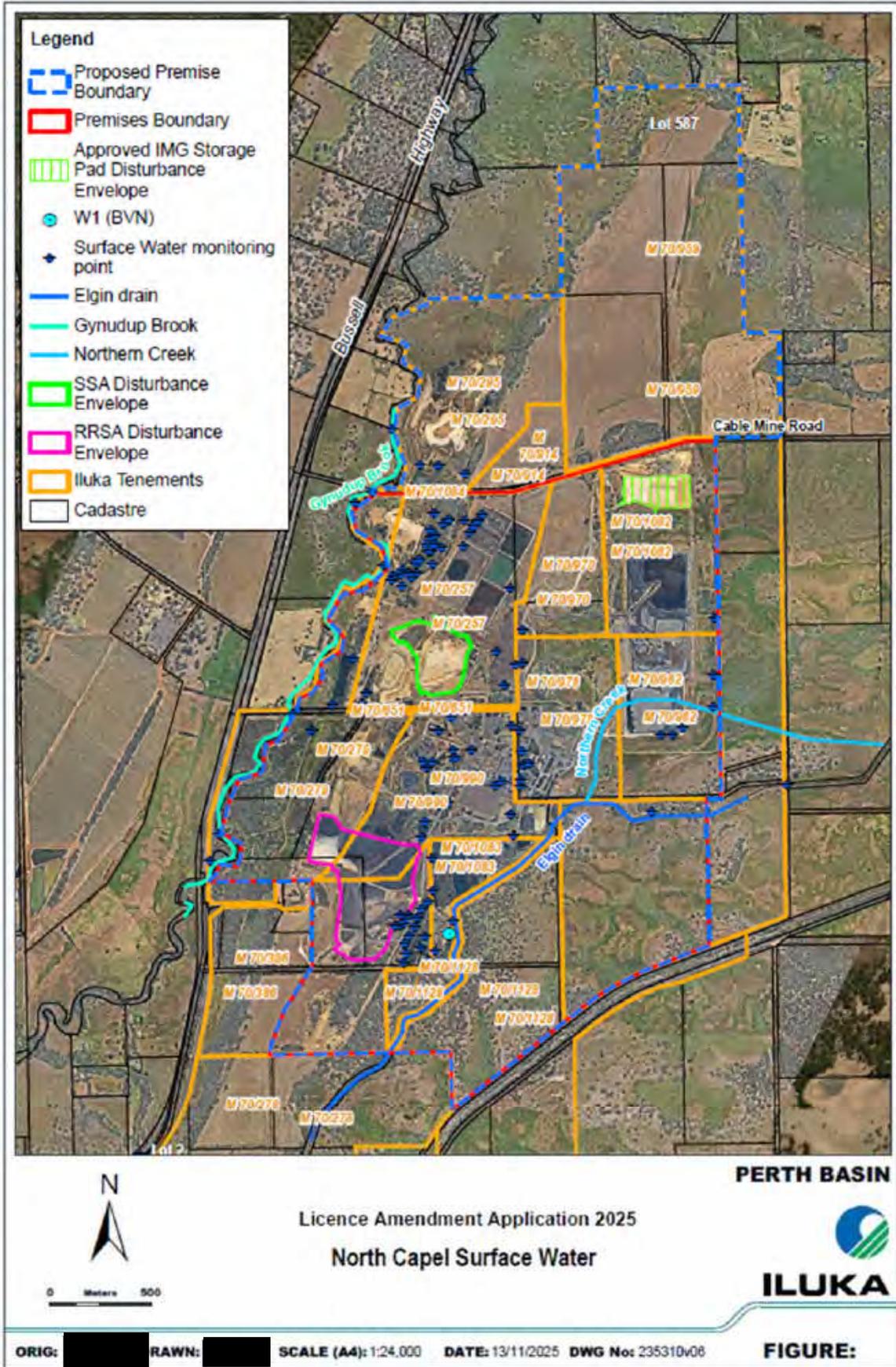


Figure 6. North Capel Surface Water Features and Monitoring Locations

3.4 Biodiversity

3.4.1 Vegetation and Flora

A flora survey of the North Capel site was completed in 2013³. The flora study area consisted of approximately 130 hectares (ha) of processing plant, drying dams, stockpiles and small patches of vegetation, both native and planted within the area. The flora study area included the area to be disturbed as a result of the Project. No rare, threatened or significant flora were recorded within the flora study area (NatureMap, and EPBC Act Protected Matters Report; search 9th September 2013).



Figure 7. North Capel Vegetation Condition Mapping in relation to the RRSA and SSA Developments (Ecosystem Solutions, 2013)

4. SOCIAL ENVIRONMENT

4.1 Current Land Use

The site, located in the Shire of Capel, has a diverse agricultural base including beef, sheep, horse breeding and dairy farming, tree farming, grape vines, market growers, as well as other industries including mining and tourism. The project areas of the SSA, RRSA and IMG pad are located within an existing operational site that has been pre-disturbed and is not expected to create impacts on the social environment.

4.2 Heritage

A search of the DPLH's Aboriginal Cultural Heritage Inquiry System (DPLH 2024) identified an Aboriginal cultural heritage place within the North Capel site; Capel 01/Northern Creek (Place ID 22161) (Figure 8). The place is considered to be culturally significant as a 'Creation/Dreaming narrative: Water source'.

An Indigenous Land Use Agreement (ILUA) register notification covers the North Capel mine site. As the proposed projects will be carried out on freehold land owned by Iluka, Native Title legislation will not affect this project.

A search of the DPLH's Heritage Inquiry System (DPLH 2024) did not identify any European cultural heritage places in proximity to the proposed disturbance envelopes of the SSA or the existing IMG storage pad and RRSA.

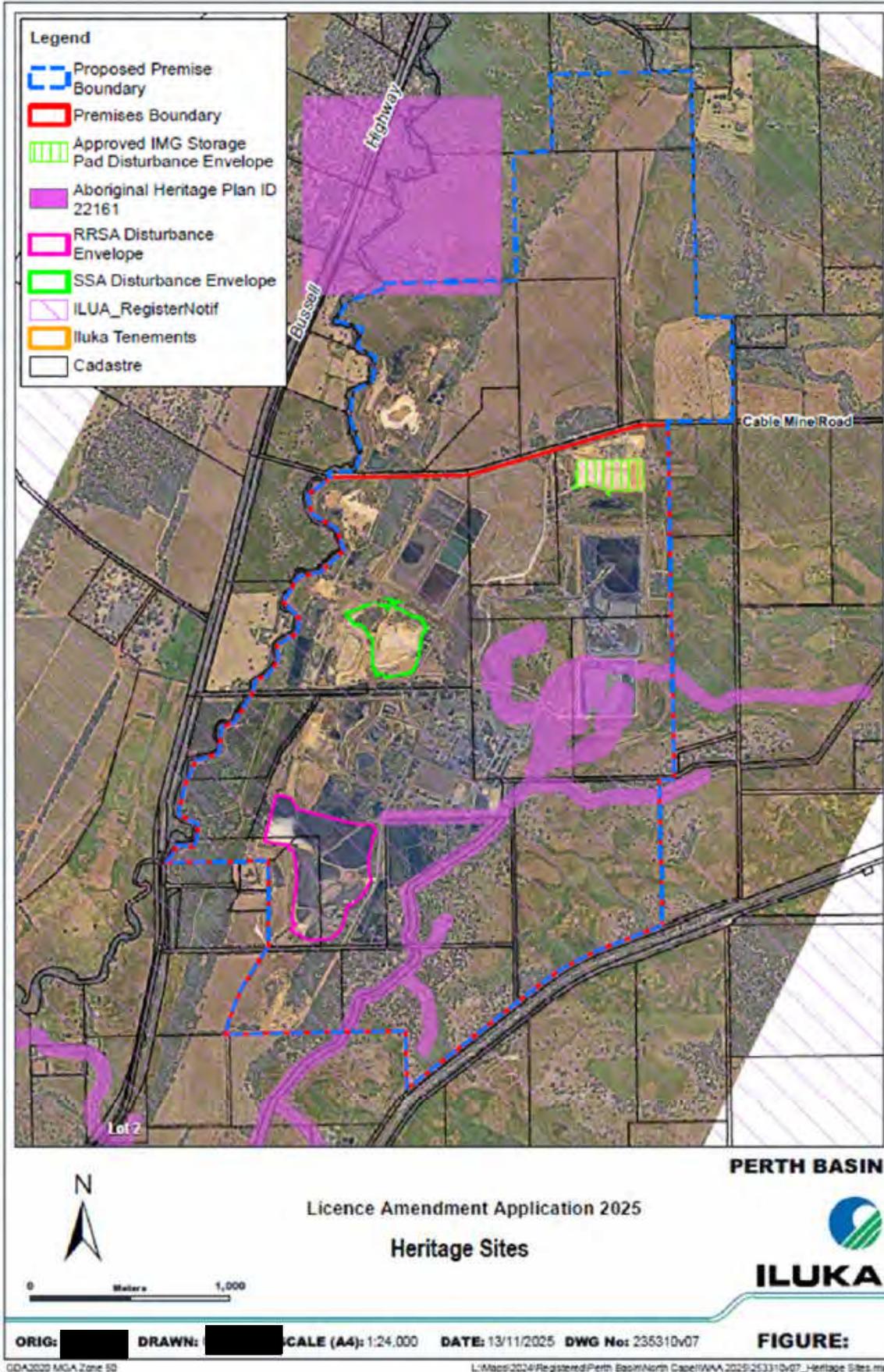


Figure 8. Aboriginal Heritage Sites in relation to North Capel

4.3 Sensitive Receptors

The closest residential area to the SSA is the Capel townsite, 5 km to the south. The minimum distance to an individual residence (rural) is 1.1 km (to the south west of the SSA). A Public Drinking Water Source Area (PDWSA) is located approximately 3.5 km to the southwest of the RRSA. The proposed Projects will not impact the townsite or PDWSA.

There are no environmentally sensitive areas (ESAs) in proximity to the site; the closest ESA is a wetland located approximately 3 km to the southeast of the SSA. There are no threatened ecological communities, flora or fauna within the North Capel site.

Aboriginal cultural heritage site (ID 22161) is located >500m to the east of the proposed SSA and new activities will have no impacts on the site.

All sensitive receptors, including waterways, heritage site (ID 22161), and rural residences are shown in Figure 9.

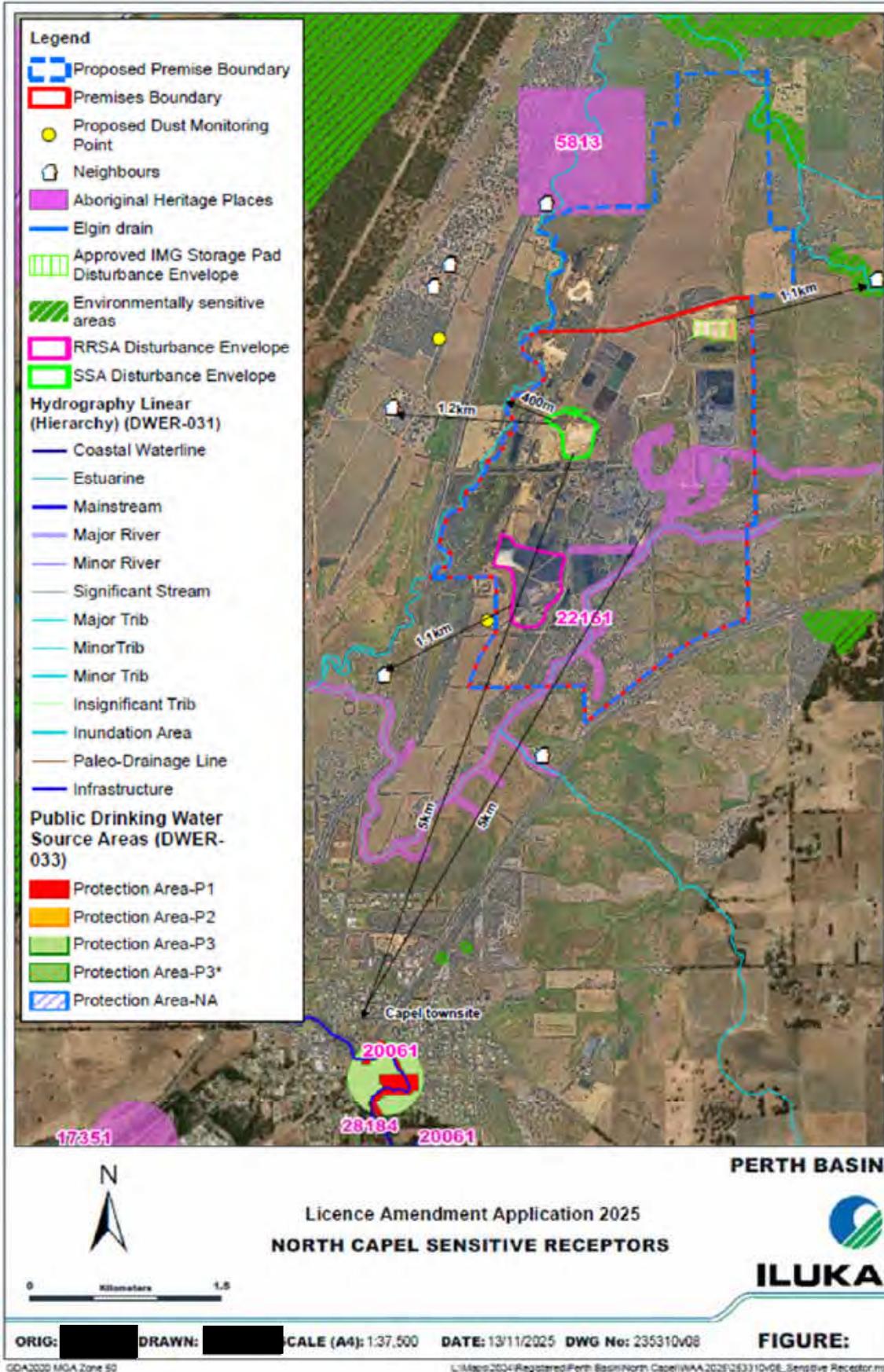


Figure 9. Proximity of sensitive receptors to the site

5. ENVIRONMENTAL IMPACTS

5.1 Dust

During operations dust may be generated from handling, loading and unloading of products and vehicle movements. The SSA will receive products which may generate dust when handled or exposed to wind.

Impacts to native vegetation may include reduced ability for photosynthesis due to smothering from dust. Vegetation to the south of the SSA consists of native and non-native species, with the vegetation condition ranging from Good to Completely Degraded (Ecosystem Solutions, 2013). As the site is pre-disturbed and existing vegetation is limited to introduced species and scattered *Acacia saligna* and *Jacksonia furcellata* germinants, no impacts are expected in addition to those already experienced from current activities at the site.

Dust management and monitoring commitments for the SSA, RRSA, coal stockpiles on the IMG pad are detailed within Section 6.1.

5.2 Noise

Noise will be generated using heavy and light vehicles and mining equipment during the operations. The closest sensitive receptor/s that may be impacted by operational noise are located over 1.1 km from the proposed project site/s Figure 9.

The proposed land use and activities on the site are not proposed to change nor has the distance to sensitive receptors changed. Therefore, the Project is unlikely to result in increased noise emissions to those already emitted from the site.

Noise management commitments are detailed within Section 6.2.

- Iluka will comply with the assigned noise levels set out in the *Environmental Protection (Noise) Regulations 1997*.
- Neighbouring properties can contact the Iluka hotline, or Process Operator to notify of excessive noise. Any complaints are logged within an electronic incident management system (Cintellate) where Environmental, Health and Safety issues are raised and where necessary controls are actioned and managed.
- All Disturbance Envelopes exists within the North Capel prescribed premises boundary as defined by Part V Licence L4557/1986/19.

5.3 Air Emissions

The alternative fuel trial is proposed to replace injection coal via the after burner chamber within SR2. Licensed emission controls include the thermal oxidiser and the electro-static precipitators.

US EPA and state testing has shown that TDF produces emissions comparable to other conventional fuels (US EPA, 2016). At well controlled facilities, emissions will not change significantly when TDF is used to replace some of the typical fuel used at the facility. Other benefits of TDF as cited by the US EPA include:

- TDF reduces the amount of fossil fuels that would otherwise be consumed; and,
- TDF offers the potential advantage of decreasing emissions of oxides of sulfur (SO_x) when used to replace high sulfur coal.

Iluka intends to undertake a compliance stack monitoring event for SR2 during the TDF and Biochar trials to ensure emission limitations are achieved as defined with Part V Licence L4577/1986/19.

5.4 Land Clearing

Not applicable to the Licence Amendment. Existing infrastructure is in place.

5.5 Flora and Fauna

There will be no impacts on fauna within the Project site as it is pre-disturbed with limited habitat value adjacent to the operation. Impacts on vegetation are primarily through dust and these have been addressed in section 5.1.

5.6 Groundwater

All stockpile storage facilities have been constructed of compacted limestone greater than 1m above the annual high groundwater level.

Based on the use of a compacted limestone base (200mm) across all stockpile facilities and slope of batters to minimise infiltration, a decline in groundwater quality is an unlikely environmental risk. A series of groundwater monitoring piezometers occur across the site and are monitored monthly.

Limestone is compacted to 95% MDD to prevent infiltration to groundwater. Groundwater monitoring in proximity to the RRSA has not shown any cause for concern linked to the long term storage of mineral sands and coal products.

Additional bores were installed in proximity to the SSA, RRSA and IMG pad as detailed within the Works Approval submission. Monitoring will continue in order to identify potential impacts to groundwater.

5.7 Surface Water

The SSA is internally draining and include a drainage swale to direct runoff from the hardstand to a settling pond. Water from the settling pond will then be pumped to the existing iron oxide dam. The closest waterway (Gynudup Brook) is located 300 m west of the SSA.

A drainage swale directs surface flows via a rock filtered outlet channel, discharging to the wetland south of the IMG pad. The prevention of coal fines discharging to the wetland is outlined in Section 6.4.

To ensure early identification of any surface water quality issues, Iluka will continue to monitor key surface water locations across the North Capel site. The location of historic surface water monitoring points are shown on Figure 6. Section 6.4 details the management measures for potential impacts to ground and surface waters.

6. EMISSIONS, DISCHARGES AND WASTE MANAGEMENT

The fugitive emissions anticipated from the proposed projects are dust, noise and potentially contaminated stormwater and leachates. The emission source locations (i.e.. from vehicle access areas, drainage swales and stockpile storage areas) from the SSA, RRSA and IMG pad are displayed on attachments 2B to 2D respectively.

Air emissions from the alternative fuel trials will be monitoring via stack monitoring events.

6.1 Dust Emissions

Dust emission to air from operational activities at the SSA, overburden placement, IMG pad and RRSA are anticipated not to have impacts on sensitive receptors; the distance to the closest sensitive receptor from operational activity is 1.1 km (farmhouse to the south west of the SSA). To ensure that dust resulting from stockpile storage and from trafficable areas is minimised and emissions to air are not significant, the following measures will be implemented:

- Water trucks will be utilised as required during operations.
- Loadout and handling of dust generating material will cease in excessively windy conditions.
- Gluon will be applied to HMC stockpiles to minimise dust.
- Trafficable areas will be routinely treated with water.

Coal stockpiles will also be managed as per the Iluka coal stockpile management procedures, controls include:

- Stockpile height limit of 10 m.
- Batter ratio of 1:3.5.
- Stockpiles pad rolled for dust control and to prevent spontaneous combustion of the coal.
- Coal stockpile are inspected daily, and include the following:
 - Visual signs of smouldering hot spots.
 - Stockpile profile is maintained or repaired post load out to 1:3.5.
 - Visual checks of perimeter bunds and stormwater management.
 - Corrective actions are triggered in the daily outstations log.
- Coal movement will be minimised to prevent dust mobilisation.
- Water truck application to access roads. Note it is important to not spray the coal stockpiles as moisture content is a key factor in spontaneous combustion of coal.

In addition, Iluka proposes to implement perimeter fencing along the west and southern sides of the RRSA. The fence is 6 metres high and consists of a netting material designed to reduce wind speeds from these directions.

6.1.1 Dust Monitoring

Iluka have installed two Osiris nephelometric samplers with telemetry communications. These units provide live Total Suspended Particles (TSP) and PM₁₀ measurements and 24-hour averages whilst running on solar power. The following action trigger levels have been set during TLO using a 1-hour average:

- TSP levels in excess of 100 µg/m³; or
- PM₁₀ levels in excess of 50 µg/m³.

Should the action trigger level be exceeded, site personnel are notified by email and management controls implemented. Where the cause may be materials handling in high wind conditions, if material cannot be handled in a way that prevents dust crossing the boundary and causing an impact, the activity is to cease until operating conditions are more suitable.

Figure 9 illustrates the installed locations for the Osiris samplers. The Osiris samplers are situated based on prevailing winds, material storage locations and sensitive receptors.

Figure 10 illustrates the Total Suspended Particulates (TSP) and PM₁₀ values recorded during TLO when the prevailing wind directions were blowing across the stockpile storage infrastructure and towards to the dust monitors. Two elevations were recorded during the TLO exceeding the self imposed PM₁₀ trigger, email alerts are dispatched to initiate corrective controls.

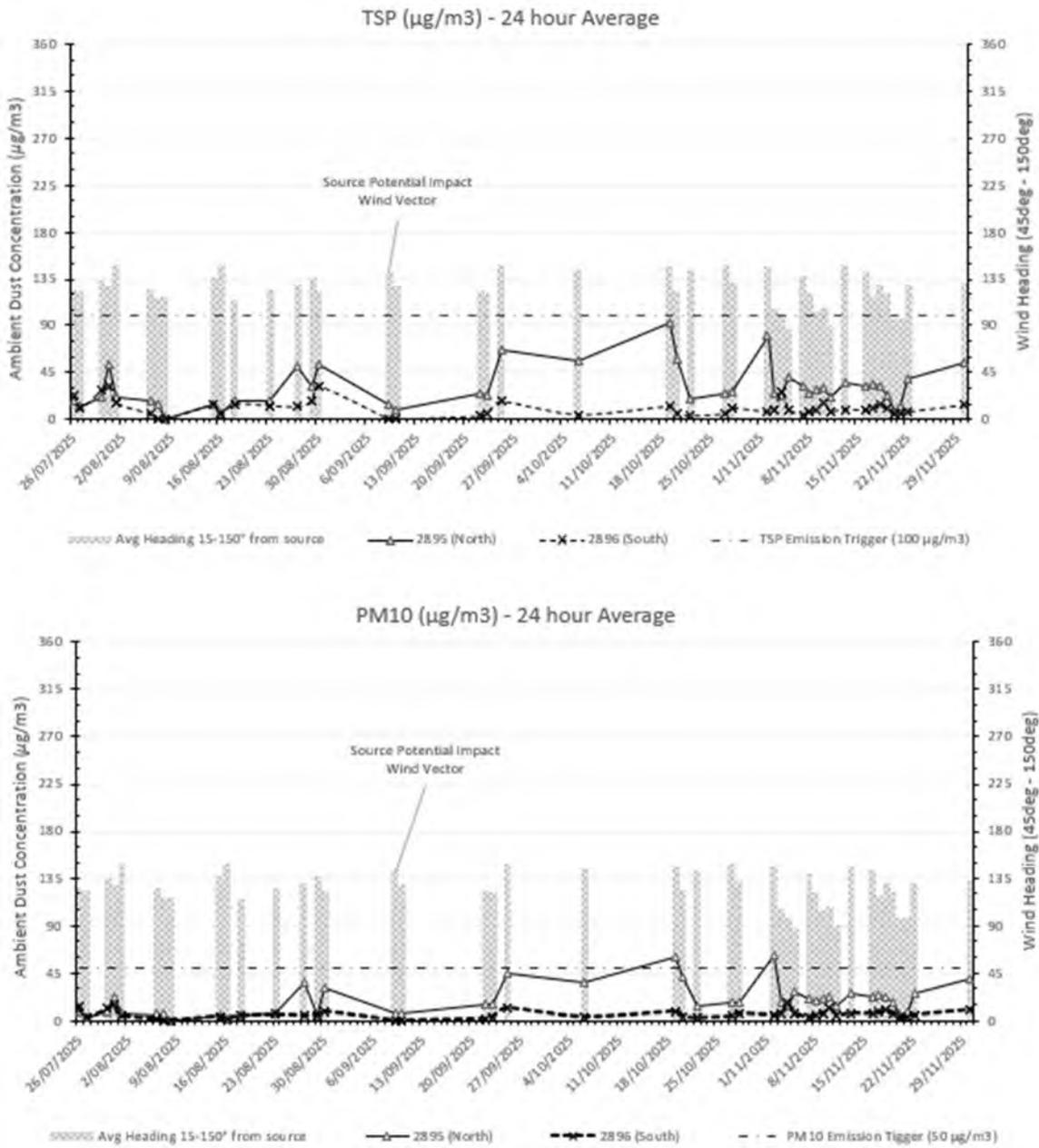


Figure 10: TSP and PM₁₀ levels during TLO

6.2 Noise Emissions

Noise emissions from machinery operations and/or vehicle operations at the Project sites are unlikely to be significant or above current noise generated by daily operations across the site. However, to ensure noise emissions are minimal, the following noise management measures will be implemented:

- Iluka will comply with the assigned noise levels set out in the *Environmental Protection (Noise) Regulations 1997*.
- Neighbouring properties can contact the Iluka hotline, or Process Operator to notify of excessive noise. Any complaints are logged within an electronic incident management system (Cintellate) where Environmental, Health and Safety issues are raised and where necessary controls are actioned and managed.

6.3 Waste

The primary waste generated at the North Capel site is solid kiln (inert) waste as managed in accordance with L4557/1986/19. There are no proposed changes to any other waste stream as a result of the proposed licence amendment.

6.4 Stormwater Emissions

Stormwater emissions from stockpile areas have the potential to pathways of infiltration and overland runoff. Iluka maintains a comprehensive surface water and groundwater monitoring program across the North Capel site. Table 8 details the controls planned for each facility.

Table 8: Proposed Stormwater Controls

Facility	Potential Pathway	Control
SSA	Infiltration	<p>200mm limestone pad compacted to 95% MDD to prevent infiltration to groundwater.</p> <p>Pad is constructed greater than 1 m above the highest annual groundwater level.</p> <p>Leach analysis indicate pH range 5-7 for the coal sources (Mircoanalysis Australia, 2025a and 2025b).</p>
	Runoff	<p>Facility is internally draining.</p> <p>Stockpiles inspected daily, including:</p> <ul style="list-style-type: none"> • Stockpile profile is maintained or repaired post load out to 1:3.5; • Visual checks of perimeter bunds and stormwater management; • Corrective actions are triggered in the daily outstations log. <p>Limestone lined drainage swale to direct runoff from the hardstand to the settling pond and pump pond.</p> <p>Stormwater to be pumped to CPD Dams.</p>
RRSA	Infiltration	<p>200mm limestone pad compacted to 95% MDD to prevent infiltration to groundwater.</p> <p>Leach analysis indicate pH range 5-7 for the coal sources (Mircoanalysis Australia, 2025a and 2025b).</p> <p>Removal of sulfides from Balranald HMC will mitigate risk of low pH in HMC leachate.</p> <p>Pad constructed greater than 1 m above the highest annual groundwater level.</p>

Facility	Potential Pathway	Control
	Runoff	<p>A limestone perimeter bund to prevent surface water flow through.</p> <p>Rock chutes and a fines fallout basin allows clean water surface flows to discharge to the west.</p> <p>Given the low lying landform, the RRSA is internally draining. A drainage channel along Ryans Road to the east of the RRSA will capture any potential discharge for management onsite.</p> <p>Stockpiles inspected daily, including:</p> <ul style="list-style-type: none"> • Stockpile profile is maintained or repaired post load out to 1:3.5; • Visual checks of perimeter bunds and stormwater management; • Corrective actions are triggered in the daily outstations log
IMG Storage Pad	Infiltration	<p>200mm limestone pad compacted to 95% MDD to prevent infiltration to groundwater.</p> <p>Leach analysis indicate pH range 5-7 for the coal sources (Mircoanalysis Australia, 2025a and 2025b).</p> <p>Pad constructed greater than 1 m above the highest annual groundwater level.</p>
	Runoff	<p>Perimeter bunds prevent surface water runoff from the pad (to the north, east and west).</p> <p>The pad drainage swale has been designed to direct surface flows south via a rock filtered outlet channel.</p> <p>Stockpiles inspected daily, including:</p> <ul style="list-style-type: none"> • Stockpile profile is maintained or repaired post load out to 1:3.5; • Visual checks of perimeter bunds and stormwater management; • Corrective actions are triggered in the daily outstations log

6.5 Air Emissions

The alternative fuel trial is proposed to replace injection coal via the after burner chamber within SR2. Licensed emission controls include the thermal oxidiser and the electro-static precipitators. Iluka intends to undertake a compliance stack monitoring event for SR2 during the TDF and Biochar trials to ensure emission limitations are achieved as defined with Part V Licence L4577/1986/19.

7. RISK MITIGATION AND MANAGEMENT

A risk assessment has been prepared to identify the potential emissions from the proposed activities and the potential sources, pathways and receptors of those emissions. The risk assessment provides the proposed controls to manage these potential emissions and determine the residual risk ranking. The risk framework and rating matrix is taken from DWER's Guidance Statement: Risk Assessments (DWER 2017).

7.1 Risk Assessment Method

In determining the likelihood and consequence of a risk event occurring, the criteria outlined in Table 9 and Table 10 has been used (DWER 2017). In determining the rating of a risk – the consequence is assessed together with the likelihood (i.e. consequence x likelihood = risk), as per the Risk Rating Matrix in Table 11.

Table 9: Likelihood Rating Matrix

Likelihood	Likelihood Description
Almost Certain	The risk event is expected to occur in most circumstances.
Likely	The risk event will probably occur in most circumstances.
Possible	The risk event could occur at some time.
Unlikely	The risk event will probably not occur in most circumstances.
Rare	The risk event may only occur in exceptional circumstances.

Table 10: Consequence Rating Matrix

Consequence	Consequence Description	
	Environment	Health and Amenity
Severe	<ul style="list-style-type: none"> • on-site impacts: catastrophic • off-site impacts local scale: high level or above • off-site impacts wider scale: mid-level or above • Mid to long term or permanent impact to an area of high conservation value or special significance 	<ul style="list-style-type: none"> • Loss of life • Adverse health effects: high level or ongoing medical treatment • Local scale impacts: permanent loss of amenity
Major	<ul style="list-style-type: none"> • on-site impacts: high-level • off-site impacts local scale: mid-level • off-site impacts wider scale: low-level • Short term impact to an area of high conservation value or special significance 	<ul style="list-style-type: none"> • Adverse health effects: mid-level or frequent medical treatment • Local scale impacts: high-level impact to amenity
Moderate	<ul style="list-style-type: none"> • on-site impacts: mid-level • off-site impacts local scale: low-level • off-site impacts wider scale: minimal 	<ul style="list-style-type: none"> • Adverse health effects: low-level or occasional medical treatment • Local scale impacts: mid-level impact to amenity
Minor	<ul style="list-style-type: none"> • on-site impacts: low-level • off-site impacts local scale: minimal • off-site impacts wider scale: not detectable 	<ul style="list-style-type: none"> • Local scale impacts: low-level impact to amenity
Slight	<ul style="list-style-type: none"> • on-site impact: minimal 	<ul style="list-style-type: none"> • Local scale: minimal impacts to amenity

Table 11: Risk Rating Matrix

Likelihood	Consequence				
	Slight	Minor	Moderate	Major	Severe
Almost Certain	Medium	High	High	Extreme	Extreme
Likely	Medium	Medium	High	High	Extreme
Possible	Low	Medium	Medium	High	Extreme
Unlikely	Low	Medium	Medium	Medium	High
Rare	Low	Low	Medium	Medium	High

7.2 Risk Assessment

The potential emissions, sources, pathways and receptors identified for construction, and operation of the proposed activities are outlined in Table 12. The risk assessment demonstrates that there are no potential material residual environmental impacts associated with the proposed activities of this Works Approval application.

Table 12: Risk Assessment

Source / Activities	Potential Emissions	Potential Pathway and Impact	Potential Receptor	Proposed Controls	Consequence Rating	Likelihood Rating	Risk Rating	Reasoning and Management	Regulatory Controls
Operations (including environmental commissioning)									
Operation of stockpile storage facilities	Noise	Air / wind dispersion: Causing amenity impacts/ health impacts	Users of Bussell Hwy 3 residential premises located within 1.2 km of the developments	Noise emissions from machinery operations and/or vehicle operations at the project sites are unlikely to be significant or above current noise generated by daily operations across the site. Iluka will comply with the assigned noise levels set out in the <i>Environmental Protection (Noise) Regulations 1997</i> . Neighbouring properties can contact the Iluka hotline, or Process Operator to notify of excessive noise.	Minor: on-site impacts low-level	Rare The risk event may only occur in exceptional circumstances.	Low	The North Capel facility has not had a noise complaint since 2015.	<i>Environmental Protection (Noise) Regulations 1997</i> will be sufficient in managing noise emissions from the Premises.
	Dust (from vehicle movement and stockpile management)	Air / wind dispersion: particulate (dust) emissions. Causing amenity impacts / health impacts / vegetation death	Users of Bussell Hwy 3 residential premises located within 1.2 km of the developments Surrounding vegetation	Dust suppression will be implemented (including use of water trucks on unsealed road, control of vehicle movements / restricted speeds) during construction of stockpiles. Self-imposed dust monitoring and action triggers. Gluon will be applied to HMC stockpiles to minimise dust. Coal stockpiles will also be managed as per the Iluka coal stockpile management procedures, controls include: <ul style="list-style-type: none"> Stockpile height limit of 10 m. Batter ratio of 1:3.5. Stockpiles pad rolled for dust control and to prevent spontaneous combustion of the coal. Coal stockpile are inspected daily. Iluka will investigate a suitable dust suppressant for application to coal stockpiles. Wind fencing along the west and southern sides of the RRSA. Daily inspections will be conducted for stockpile profile maintenance, perimeter bund checks, and stormwater management. Exposed batter of the SSA have been hydromulched.	Minor Low level on-site impacts, minimal off-site impacts on local scale	Unlikely Probably not occurring in most circumstances	Medium	NA	
	Stormwater emissions	Leaching from in situ material causing groundwater contamination	Groundwater, superficial aquifer; Surface water discharge to Elgin Drain / Gynudup Brook.	Leach analysis indicate pH range 5-7 for the coal sources. Removal of sulfides from Balranald HMC will mitigate risk of low pH in HMC leachate As per existing controls and monitoring associated with L4557/1986/19. SSA has internal engineered drainage reporting to a settling pond and pumped to CPD Dams. Water is circulated through the process system and via the Biofilter before discharge to Elgin Drain. RRSA and IMG storage pad have pre-existing drainage controls. Daily inspections of stockpile profile (1:3.5 slope, coal), bunds, and stormwater systems.	Minor Low level on-site impacts, minimal off-site impacts on local scale	Unlikely Probably not occurring in most circumstances	Medium	All stockpile storage facilities will be constructed greater than 1 m above the highest annual groundwater level, on 200mm limestone pad compacted to 95% MDD to prevent infiltration to groundwater.	Condition 2.3 and Tables 2.3.1 and 2.3.2 of the existing licence L4557/1986/19 has actions and requirements for managing emission limits to surface water.
Coal - spontaneous combustion	Air emissions - smoke	Air / windborne pathway	3 residential premises located within 1.2 km of the developments	Daily inspections for smouldering and hot spots. Any application of water on-site will avoid coal stockpiles to reduce combustion risk. Stockpiles will be pad rolled to reduce the risk of wind promoting spontaneous combustion.	Slight on-site impact: minimal	Possible The risk event could occur at some time	Low	Daily inspections and active management ensure any smouldering identified is extinguished	
Alternative fuel trial	Air Emissions	Emissions via emission point A1 – SR2 110m stack exceed	Capel townsite residents; 3 residential premises located within 1.2 km of the plant site.	Short duration trials (12 hours and 5 days). Stack testing event to occur for the 12 hour trial, results will inform an improvement or worsening of the air emissions in comparison to coal. Part V Licence L4577/1986/19 emission controls include the thermal oxidiser and the electro-static precipitators.	Moderate Low level off-site impacts	Possible The risk event could occur at some time	Medium	An improvement to the air emission profile is expected. Stack monitoring events will confirm.	Emission controls and process controls (Tables 2.2.2 and 2.2.4) of the existing licence L4557/1986/19 to apply.

8. REFERENCES

- Cymod, 2007. Assessment of the Aquifers in the Vicinity of the SR Plant. Perth: Iluka (unpublished).
- Ecosystem Solutions Pty Ltd (2013). North Capel SR Plant Yearly Road, Capel Vegetation & Significant Flora Assessment. Prepared for RPS Australia on behalf of Iluka Resources Ltd.
- Iluka Resources Limited (2001). Notice of Intent: Extension of North Capel West Mine M70/295, M70/914, M70/959, M70/1082, M70/1084. Prepared by Iluka Resources Limited.
- Iluka, 2001a. Notice of Intent - Extension of North Capel West Mine Mining Lease 70/295, 70/914,70/959, 70/1084, Perth, WA: Prepared by Iluka Resources Limited.
- Iluka, 2001b. Addendum to Notice of Intent - North Capel West Deposit - Disposal of Inert Waste, Perth, WA: Prepared by Iluka Resources Limited.
- Iluka, 2004. North Capel West Mineral Sands Project Notice of Intent Addendum (South of Yearly Road), Perth, WA: Prepared by Iluka Resources Limited.
- Iluka, 2005a. Application for the Stage 1 Lift of the Iron Oxide Dams 4 and 5, Perth, WA: Iluka Resources Limited.
- Iluka, 2005b. Addendum to the Notice of Intent, Application for the Stage 1 Lift of the Iron Oxide Dams 4 and 5, Perth, WA: Iluka Resources Limited.
- Iluka, 2005c. North Capel Bulk Mineral Storage Shed Project Notice of Intent, Perth, WA: Iluka Resources Limited.
- Iluka, 2009. Mining Proposal North Capel Synthetic Rutile Plant Application for The Downstream Lift of the Solution Storage Dam, Perth, WA: Prepared by Iluka Resources Limited.
- Iluka, 2011a. Mining Proposal: Export of Iron Concentrate, Perth, WA: Prepared by Iluka Resources Limited. Doc No: T1326369.
- Iluka, 2012b. Mining Proposal/Works Approval Application, North Capel Synthetic Rutile Plant, Application for the downstream lift of the solution storage dam, Perth, WA: Iluka Resources Limited.
- Iluka Resources Limited (2016). South-West Operations RESRAD Assessment: Ironman Gypsum. Prepared by Iluka Resources Limited.
- Iluka Resources Limited (2022a). Safety Data Sheet – Ilmenite concentrate. Perth: Iluka (unpublished).
- Iluka Resources Limited (2022b). Safety Data Sheet – Synthetic Rutile, Rev 7.1. Perth: Iluka (unpublished)
- Iluka Resources Limited (2022c). North Capel Framework Plan for Contamination Management.
- Iluka Resources Limited (2024). North Capel IMG Storage Pad – Mining Proposal Registration ID:121260.
- Iluka, 2024a. Iluka Southwest Radiation Management Plan.
- Microanalysis Australia (2025a). Laboratory Report: Griffin Coal Stockpile Sample, ASLP following AS4439. 24 February 2025.
- Microanalysis Australia (2025b). Laboratory Report: Premier Coal Stockpile Sample, ASLP following AS4439. 24 February 2025.
- US EPA (2016a). Tire Derived Fuel. Web page <https://archive.epa.gov/epawaste/conserva/materials/tires/web/html/tdf.html> (Page last updated 23 February 2016).
- US EPA (2016b). Tire Derived Fuel Frequent Questions. Web page <https://archive.epa.gov/epawaste/conserva/materials/tires/web/html/faq-tdf.html#q4> (Page last updated 23 February 2016).
- Westralia Sands Limited, 1999. Notice of Intent North Capel West Deposit.

Attachment 10 Calculation of proposed fee

Amendment application fee calculator (effective as of 1 July 2022)

Amendment application fee calculator (effective as of 1 July 2022)	Instrument No.
Categories	Unit value (\$)
31 - Chemical manufacturing: More than 100 000 tonnes per year	Units
37 - Char manufacturing: More than 10 000 but not more than 50 000 tonnes per year	
8 - Mineral sands mining or processing: More than 500 000 but not more than 5 000 000 tonnes per year	

Note: Amendment fee is determined by the category with the largest fee units

Fee Payable

