

# Program for Environment Protection and Rehabilitation

Date:	07/05/2025
Name of Tenement Holder(s):	Mitchell Willson
Name of Operation:	Careys Pit / Willson River Limestone Quarry
Tenement No:	EML 6190
Size (Ha):	1.8 hectares
Contact Details	Name:.....Mitchell Willson  Phone:.....0427531200.  Email:.....mitchros@activ8.net.au
Version control	Version 1 – submitted 12 July 2024 Version 2 – submitted 05/03/2025 Version 3 – submitted 07/05/2025

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## Section 1: Description of the Existing Environment

1. Existing Environment	
1.1 Location	<p>The Tenement is located at approximately -35.818, 137.933</p> <p>The nearest town, Penneshaw, is located approximately 15 kilometres from the Tenement.</p> <p>The nearest residential receptor is located approximately 1,300 metres from the Tenement.</p>
1.2 Local Council Area	<p>The Tenement is located within the Kangaroo Island Council area.</p>
1.3 Land Zoning	<p>The Tenement is registered on land zoned as Rural</p>
1.4 Land owner	<p>The Tenement is located on free-hold land.</p> <p>Certificate of Title details: CT5460/761, SEC 431</p> <p>The landowner is: Mitchell Willson</p> <p>Provide details of any Native Title land, if relevant. Not applicable.</p> <p><i><b>Native Title land</b> means land where native title does or might exist, but does not include land where native title has been extinguished (as found or declared by an appropriate court). Land held under certain titles (including freehold and some perpetual leases) is not native title land.</i></p>
1.5 Land Use	<p>The pre-mining land use within the Tenement area was: Sheep grazing</p>
1.6 Post mining land use	<p>The proposed post mining land use: Sheep Grazing</p>
1.7 Land Restrictions and Exempt Land	<p>a) There are no land encumbrance(s) on the property title <input checked="" type="checkbox"/> None <i>For example: unmade road reserve, etc.</i></p> <p>b) The following land restrictions/easements are listed on the property title: <input checked="" type="checkbox"/> None</p> <p>c) There is no exempt land as defined by Section 9 of the <i>Mining Act 1971</i> <input checked="" type="checkbox"/></p> <p>d) The following exempt land has been identified: None</p> <p><b>Note:</b> <i>Exempt land categories include, for example, land that is:</i></p> <ul style="list-style-type: none"> <li>• <i>Lawfully and genuinely used as a yard, garden, cultivated field, plantation, orchard or vineyard;</i></li> <li>• <i>Situated within 400m of a building or structure used as a place of residence; or</i></li> <li>• <i>Situated within 150m of:</i> <ul style="list-style-type: none"> <li>○ <i>a building or structure worth \$200 or more &amp; used for industrial or commercial purposes</i></li> <li>○ <i>a spring, well, reserve or dam.</i></li> </ul> </li> </ul>

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1. Existing Environment	
	<p><i>Please refer to Section 9 Exempt land of the Mining Act 1971 for further details.</i></p> <p>e) Provide details of any waivers of exemption(s) and/or status of negotiation of any waivers: Not applicable, no exempt land.</p>
1.8 Historical Disturbance	The following historical mining or disturbance occurred on the land prior to grant of the Tenement: The land was previously disturbed for agricultural purposes.
1.9 Heritage	<p>a) There are no registered Aboriginal, Non-Aboriginal or geological heritage sites located in or adjacent to the Tenement <input checked="" type="checkbox"/> None. A search of the Aboriginal Affairs and Reconciliation's (AAR) central archives on 12 June 2024 did not identify any records of Aboriginal heritage within the Tenement.</p> <p>b) Heritage site/s have been identified within or adjacent to the Tenement <input checked="" type="checkbox"/> None</p> <p><b>Note:</b> <i>The applicant is required to request a search of the Register of Aboriginal Sites and Objects from Aboriginal Affairs and Reconciliation (AAR), Department of the Premier and Cabinet. A copy of the responding letter is required to be attachment in Appendix 5.</i></p> <p>AAR: <a href="http://industryandskills.sa.gov.au/aboriginal-affairs/aboriginal-affairs-and-reconciliation/aboriginal-heritage/aboriginal-heritage-registers">http://industryandskills.sa.gov.au/aboriginal-affairs/aboriginal-affairs-and-reconciliation/aboriginal-heritage/aboriginal-heritage-registers</a></p>
1.10 Groundwater	<p>The depth to groundwater is estimated at 9m metres below ground level.</p> <p>There is a hole approximately 100 meters away that was dug when looking for water over 100 years ago. Based on data available from SARIG, two water wells are identified in the vicinity of the site.</p> <ul style="list-style-type: none"> <li>• Well No. 642600425 is located 117m southeast of the site, with a recorded groundwater level of 68.3 mAHD.</li> <li>• Well No. 64260051 is situated 525m southeast of the site, with a recorded groundwater level of 64.6 mAHD.</li> </ul> <p>Using data from both wells, the average groundwater level is estimated at 74 mAHD. Although these groundwater measurements date back to 1985, the proposed mining operation will be limited to 1m below ground level, ensuring a buffer zone of approximately 9m between the lowest mining depth and the groundwater table.</p>
1.11 Weeds and pests	<p>The following weeds and pests currently exist on the Tenement:</p> <p>There are no weeds within the site, pest may occur occasionally (for example non-native bird species ).</p>
1.12 Native vegetation	<p>a) Native vegetation does not exist within the Tenement <input type="checkbox"/>x</p> <p>b) The following native vegetation exists within the Tenement:</p> <p>The is no native vegetation within the Tenement however there is one planted tree adjacent the northeastern corner. This tree was planted by the landowner.</p>

**1. Existing Environment**



<p>1.13 Native fauna</p>	<p>The following native fauna may be present in the area:                  Native fauna may infrequently visit the area, The Tenement is fenced to keep out kangaroos and wallabies.</p>
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**Section 2: Mining Operations**

**2. Mining Operations**

<p>2.1 Resource description, production and mine life.</p>	<p><b>Following is a geological description of the resource:</b> The top unit 0-12.5m is an off white-pale brown calcareous fine sand, clayey &amp; silty in part with trach of black minerals sand know as the Bridgewater formation, this formation is undelayed by the Kanmantoo Group, a grey faintly foliated part biotitic metasiltstone.</p> <p><b>The resource/commodity being mined is:</b> Limestone</p> <p><b>The estimated remaining quantity of resource is:</b> 3000 tonnes, based on the following calculation: The pit is basically exhausted but there is approximately 3000 tonnes stockpiled The resource estimation is based on the following:</p>
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<b>2. Mining Operations</b>	
	<ul style="list-style-type: none"> <li>There are 2 stock piles that are both 3metre in height. One is 20metres in depth x 20metres in width, The other stockpile is 40metres in width x25 metres in depth thus, the resource approximately 3000 tonnes.</li> <li>The pit is approximately x 100metres width, x 140 metres length and 1m depth,of unprocessed material that is not viable at this stage as a road base. This resource is approximately 14000 tonnes.</li> </ul> <p>In addition to the estimated limestone resource remaining, there is 600 tonnes of overburden and 100 tonnes of topsoil.</p> <p><b>The mined resource is used for the following products/end use:</b> Road base</p> <p><b>The annual production</b> is 300 tonnes per annum.</p> <p><b>The mine is estimated to have a remaining life</b> of 10 years.. This is based on the resource of 3000 tones and a sale of 300 tonnes per year.</p>
2.2 Mine equipment	<p><b>The following equipment is used to mine the site:</b> A loader will be the only equipment used in this operation.</p>
2.3 Supporting Infrastructure	<p><b>The size of haulage trucks:</b> 10 ton</p> <p><b>The estimated truck movements per operational day:</b> 3 trucks per day of operation BUT only operating approximately 7 days per year.</p> <p><b>Trucks access the site via the following route:</b> East West Road, Dudley East</p>
2.4 Water Use	<p><b>The amount of water required for mine operations is:</b> No water will be required for this operation.</p> <p><b>Water is sourced from:</b> Not applicable</p>
2.5 Use of explosives	<p><b>If explosives are used, a description of the following items must be included:</b> Not applicable, as no explosives will be used on site.</p> <p><b>Type of explosives used on the site:</b> Not applicable</p> <p><b>Proposed frequency of blasting:</b> Not applicable</p>

<b>2. Mining Operations</b>	
<p>2.6 Mining and Rehabilitation Description</p>	<p>A Mining Plan showing how mining and progressive rehabilitation will occur over the life of the mine has been included in <b>Section 9</b>.</p> <p><b>Following is a description of this plan:</b>                      Surrounding area is sown to kikuyu pasture, Mined area will also be sown to kike</p> <p><b>The proposed final depth of mining below the surrounding ground level is 1 metres.</b> The land will basically be at ground level following the natural slope of the land</p> <p>Mining will continue in a north westerly direction consisting of one stage if it is further mined at all as there is minimal residual suitable rock for mining.</p> <p>Rehabilitation will occur progressively to ensure that less than 2 hectares of land is uncovered at any one time. An excavator will be used to reduce the slope of the batter on the western side to have a final slope of less than 1 in 4. The top soil which had been pushed off to the north of the mine site will be pulled back to provide a layer of top soil over the worked areas of the mine site. Kikuyu will be seeded to blend in with the surrounding paddock. Once the mine site has been totally rehabilitated the fence will be removed</p> <p><b>Further detail on each mining stage is provided below:</b>                      No further mining is planned at this stage, just removal of crushed rock from the stockpiles.</p> <p><b>Further detail on the process of progressive rehabilitation is provided below:</b>                      As the stock piles of crushed rock are removed, the land will be smoothed to align with natural slope of the surrounding land.</p> <p><b>Further detail on the proposed final landform is provided below:</b>                      The proposed final land use is sheep grazing.</p> <p>Mining is proposed to a final batter of 1 vertical in 4 horizontal.</p>
<p>1.7 Hours of operation</p> <p>Note that operations will be limited to these hours, unless further DEM approvals obtained.</p>	<p><input type="checkbox"/> Regular    <input checked="" type="checkbox"/> Campaign</p> <p><b>Mining will occur within the following operating hours:</b></p> <ul style="list-style-type: none"> <li>• Monday – Friday: 7:30 -4:30 with a maximum of 8 hours on any day</li> <li>• Saturday: 7:00-12 (if required) with a maximum of 4 hours</li> <li>• Sunday: Not operational</li> <li>• Public Holidays: Not operational</li> </ul>

### Section 3: Consultation

The following consultation occurred in preparation of this PEPR:

**Landowner:** Mitchell Willson (landowner is the Tenement Holder).

*Date of consultation:* Not applicable

*Issue(s) raised:* Not applicable

*Resolution(s) proposed:* Not applicable

**Adjacent landowner:**...Brett Howard

*Date of consultation* Contacted via phone on the 1/5/2024.

*Issue(s) raised:* No issues were raised from the conversation.

*Resolution(s) proposed:* Not applicable

**Local Council:** Kangaroo Island Council

*Date of consultation:* Email sent 30/5/2024

*Issue(s) raised:* No response.

*Resolution(s) proposed:* Not applicable

## Section 4: Management of Environmental Impacts

This section sets out the environmental outcomes, measurement criteria and strategies as per Section

4.1 Heritage	
<p><b>Outcome</b> No damage, disturbance or interference to Aboriginal or Non-Aboriginal heritage sites, objects or remains unless it is authorised under the relevant legislation.</p>	<p><b>Measurement Criteria</b> Production records and Mine Logbook will demonstrate that upon discovery within the tenement of any possible Aboriginal or Non-Aboriginal:</p> <ul style="list-style-type: none"> <li>- sites of significance;</li> <li>- Objects;</li> <li>- Remains;</li> </ul> <p>that work ceased until the relevant authorities were notified and work recommenced only once authorisation was received.</p>
<p><b>Control and Management Strategies</b></p> <p>All contractors and employees operating within the tenement will understand their obligations in regard to the <i>Aboriginal Heritage Act 1988</i> with regards to the discovery of Aboriginal sites, objects or remains and the <i>Heritage Places Act 1993</i> with regards to the discovery of places or objects of significance.</p> <p>Any staff and contractors working the site have been informed to be aware of Aboriginal artifacts.</p>	

65(2) of the *Mining regulations 2011*.

4.2 Traffic	
<p><b>Outcome</b> No traffic accidents involving members of the public and mine related traffic that could have been reasonably prevented by the Tenement Holder.</p>	<p><b>Measurement Criteria</b> All traffic accidents involving the public at mine access points are recorded in Mine Logbook. All accidents will be investigated by a suitably qualified independent third party within one calendar month (or other time as agreed with Mining Regulator) and the results of the investigation show that the accident could not have been reasonably prevented by the Tenement Holder.</p>
<p><b>Control and Management Strategies</b></p> <p>Signs are located to advise people not to enter site</p>	

**4.3 Public Safety (Construction and Operation of the Mine)**

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

There are gates on the road with a sign indicating that contact with the owner is required before entering. If material is being removed or worked in the tenement another sign is placed on the gate into the mining area.

**4.3a Public Safety (Post Mine Completion)**

<p><b>Outcome</b>                  The risks to the health and safety of the public so far as it may be affected by mining operations or mining related activities are as low as reasonably practicable.</p>	<p><b>Measurement Criteria</b>                  Following final rehabilitation work an appropriate person will inspect the site and ve in a report that final rehabilitation has been undertaken in accordance with the Mini Plan.</p>
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**Control and Management Strategies (Post Mine Completion)**

Mining operations will be progressively rehabilitated as per Mining Plan.

4.4 Weeds and Pests	
<p><b>Outcome</b> No introduction of new species of weeds, or pests (including feral animals), nor increase in abundance of existing weed or pest species in the Tenement.</p>	<p><b>Measurement Criteria</b> Records of annual inspections (in Spring) by the Tenement Holder will demonstrate no introduction of new weeds or pests and no increased abundance of existing weeds and/or pests.</p>
<p><b>Control and Management Strategies</b> Landholder will inspect the area to also agree that no weeds have been introduced</p>	

4.5 Soil	
<p><b>Outcome</b> The existing (pre-mining) soil quality and quantity is maintained.</p>	<p><b>Measurement Criteria</b> Annual inspection records in the Mine Logbook of all soil stockpiles will demonstrate that all stockpiles are less than 2 metres high and are maintained at the height when established.</p>
<p><b>Control and Management Strategies</b>  Soil stockpiled to a maximum of 2m in height to preserve seed stock and micro-organism function.  Soil stockpiles vegetated to prevent erosion and retain soil quality.</p>	

4.6 Waste	
<p><b>Outcome</b> All commercial, industrial and domestic waste is disposed of in accordance with relevant legislation.</p>	<p><b>Measurement Criteria</b> Waste disposal receipts demonstrate that all commercial, industrial (including contaminated soil) and domestic waste within the tenement was disposed of offsite in accordance with <i>Environment Protection Act 1993</i> requirements.</p>
<p><b>Control and Management Strategies</b>  Any general rubbish brought onto the tenement will be removed on a daily basis or will be stored in rubbish bins and disposed of offsite at an EPA licensed waste facility  No waste-derived fill is received on the tenement.</p>	

4.7 Noise	
<p><b>Outcome</b>                      No public nuisance impacts from noise as a result of mining operations.</p>	<p><b>Measurement Criteria</b>                      Records from Mine Logbook will demonstrate that any noise complaints received were resolved with the complainant within 48 hours (or other time as agreed with Mining Regulator).                       If complaints are not resolved the Tenement Holder will conduct noise monitoring at the sensitive receptor to demonstrate noise emissions comply with the <i>Environment Protection (Noise) Policy 2007</i>.</p>
<p><b>Control and Management Strategies</b>                       Records will be kept of any noise complaints and issues resolved</p>	

4.8 Air Quality	
<p><b>Outcome</b>                      No public health and/or nuisance impacts from dust generated by mining operations.</p>	<p><b>Measurement Criteria</b>                      Records from Mine Logbook will demonstrate that any dust complaints received were acknowledged within 48 hours and resolved with the complainant within 7 days or other time as agreed with Mining Regulator.                       If complaints are not resolved to the satisfaction of the Mining Regulation, air quality monitoring is to occur at locations, and using methods, as agreed with the Mining Regulator, to demonstrate:</p> <ul style="list-style-type: none"> <li>• Mining operations do not cause PM10* concentrations to be greater than 50 µg/m<sup>3</sup>, when measured over a 24-hour period (midnight to midnight) as specified in the <i>Environment Protection (Air Quality) Policy 2016</i>; and/or,</li> <li>• dust deposition leaving the tenement does not exceed 4g/m<sup>2</sup>/month, when monitored in accordance with Australian Standard AS 3580.10.1 Methods for sampling and analysis of ambient air – Determination of particulates – Deposited matter – Gravimetric method</li> </ul> <p>*Particulate matter with an aerodynamic diameter of ten micrometres or less</p>
<p><b>Control and Management Strategies</b>                       Rehabilitation will occur progressively in accordance with the Mining Plan</p>	

4.9 Groundwater	
<b>Outcome</b> No adverse impact to groundwater caused by mining operations.	<b>Measurement Criteria</b> Annual inspection of the pit floor recorded in the Mine Logbook will demonstrate that mining operations do not extend below 10 mAHD.
<b>Control and Management Strategies</b>  No mining is undertaken within 2 metres of the estimated highest seasonal groundwater level	

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

4.11 Visual Amenity	
<b>Outcome</b> The form, contrasting aspects and reflective aspects of mining operations are visually softened to blend in with the surrounding landscape.	<b>Measurement Criteria</b> Annual site inspection records demonstrate that: <ul style="list-style-type: none"> <li>• the area of land disturbed by mining operations does not exceed __2__ hectares;</li> <li>• progressive and final rehabilitation has been completed in accordance with the approved Mining Plan.</li> </ul>
<b>Control and Management Strategies</b>  Mining operations will be progressively rehabilitated as per Mining Plan	

**4.12 Post Mining Land Use**

<p><b>Outcome</b>                  All land disturbed by mining operations is rehabilitated to achieve the post mining land use.</p>	<p><b>Measurement Criteria</b>                  Following final rehabilitation work an appropriate person will inspect the site and verify in a report that final rehabilitation has been undertaken in accordance with the Mining Plan to achieve the approved post mining land use.</p>
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**Control and Management Strategies**

Mining operations will be progressively rehabilitated as per Mining Plan

Regular updates to be provided to the landholder and/or lessee of the land regarding mining and rehabilitation activities on the tenement.

**4.13 Protection of Third party Property, Infrastructure and Adjacent Land Use**

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

Good communication is maintained with neighbours and land holder

4.14 Native Fauna	
<p><b>Outcome</b>                      No native fauna injuries or deaths due to mining operations that could reasonably have been prevented.</p>	<p><b>Measurement Criteria</b>                      Mine Logbook records of annual site inspections show that there are no potential fauna traps and any existing burrows used by native fauna are recorded and protected from mining operations.</p>
<p><b>Control and Management Strategies</b>                      The area is fenced to prevent incursion of kangaroos and wallabies</p>	

4.15 Native Vegetation	
<p><b>Outcome</b>                      No loss of abundance or diversity of native vegetation on or off the tenement through;</p> <ul style="list-style-type: none"> <li>• clearance,</li> <li>• dust/contaminant deposition,</li> <li>• fire,</li> <li>• other damage,</li> </ul> <p>unless a significant environmental benefit has been approved in accordance with the relevant legislation.</p>	<p><b>Measurement Criteria</b>                      Annual site survey/photographic evidence (stored in the Mine Logbook) will show no clearance of native vegetation identified and shown in the Mining Plan.</p>
<p><b>Control and Management Strategies</b>                      There is no native vegetation on the site. However, a buffer zone of 5m will be implemented from the tree near the northeastern boundary of the tenement.</p>	

## Section 5: Records

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

## Section 6: Lease Conditions

The following outlines how specific lease conditions, which are not outcomes, will be addressed

Lease Condition	How Lease Condition Addressed in PEPR
<b>First Schedule -1</b> Mining operations must be carried out for the recovery of limestone.	Section 2.1
<b>First Schedule – 2</b> The Lessee must ensure that as part of mine closure, the land disturbed by mining is rehabilitated to a post mining land use as specified in the program for mining and rehabilitation.	Section 1.6
<b>First Schedule – 3</b> The Lessee must ensure that all employees and contractors on-site are properly advised of the significance of Aboriginal heritage and culture and are to take due care to preserve all Aboriginal Sites and Objects as defined by the <i>Aboriginal Heritage Act, 1988</i> .	Section 4.1
<b>Second Schedule – 1</b> The Lessee must ensure that mining operations on the land are carried out in an orderly and skilful manner in accordance with a program for mining and rehabilitation of the land approved, from time to time, by the Minister.	Section 7
<b>Second Schedule – 2</b> The Lessee must keep accurate records of the quantity, value and manner of disposition of all minerals mined and, whenever required to do so, submit the records for inspection by any person authorised by the Minister	Section 5
<b>Second Schedule – 3</b> The Lessee must ensure that all terminal faces are formed (as part of mining) to a gradient not steeper than 1:4 (14 degrees) to blend with the local topography and drainage system.	Section 2.6
<b>Second Schedule – 4</b> The Lessee must ensure that topsoil is removed and stockpiled prior to carrying out any mining activity, and minimise the mixing and erosion of topsoil and overburden stockpiles.	Section 4.5
<b>Second Schedule – 5</b> The Lessee must ensure that all land disturbed by mining is progressively rehabilitated when practicable to do so and, in accordance with appropriate seasonal conditions, progressively re-	Section 2.6

spread with topsoil and re-vegetated to prevent soil erosion to the satisfaction of the Chief Inspector of Mines.	
<b>Second Schedule – 6</b> The Lessee must operate in a manner that will minimise the spread of weeds and plant pathogens and ensure that all employees and contractors on site are fully aware of this requirement.	Section 4.4

## Section 7: Operator Capability

I, the Tenement Holder, have the following appropriate experience, processes and procedures in place to be able to operate the tenement to meet the environmental outcomes:

Currently also operate a farming business that is required to meet many government regulations, financial reporting requirements and keeping of records for best farming practice. We work closely with the Kangaroo Island Landscape Board and PIRSA to support environmental outcomes associated with feral cat control, blow fly control and revegetation of native veg corridors.

## Section 8: Tenement Holder Declaration

**This declaration must be signed by all tenement holders.**



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

*Signature:* Mitchell Willson.....

*Print name:* ...Mitchell Willson

*Date:* .....24/04/2025.....

*Position:* Owner land, and holder of tenement

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EML 6109 – Willson River Limestone Quarry – Mitchell Willson

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Lease EML 6109 – Operation Name Willson River Limestone Quarry – Company Mitchell Willson

**Section 8: Tenement Holder Declaration**

This declaration must be signed by all tenement holders.

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

Signature: Mitchell Willson

Print name: ... Mitchell Willson

Date: 25/5/2024 24/4/25

Position: Owner of lease and land and holder of tenement

Commented [MW10]: Declaration must be signed.

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Commented [MW11]: Date of signature to be included

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## Section 9: Maps and Plans

### 9.1 Mining Plan (multiple plans can be included)

Scale and North Point		<input checked="" type="checkbox"/> Yes
Legend or key		<input checked="" type="checkbox"/> Yes
Tenement boundaries		<input checked="" type="checkbox"/> Yes
Identify any exempt land and distance from proposed mining operations		<input checked="" type="checkbox"/> Yes
Access road/s (new and existing road/s)		<input checked="" type="checkbox"/> Yes
Staged mine plan		<input checked="" type="checkbox"/> Yes
Staged rehabilitation plan		
Existing Infrastructure		<input checked="" type="checkbox"/> Yes
Stockpiles locations (overburden, topsoil and product)		<input checked="" type="checkbox"/> Yes
Existing native vegetation that will not be cleared or impacted	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes
Operational plan label		<input checked="" type="checkbox"/> Yes

### 9.2 Proposed Final Landform

Scale and North Point		<input checked="" type="checkbox"/> Yes
Legend or key		<input checked="" type="checkbox"/> Yes
Tenement boundary		<input checked="" type="checkbox"/> Yes
Location of all reshaped and rehabilitated areas		<input checked="" type="checkbox"/> Yes
Location of all revegetated areas (including native vegetation, if applicable)		<input checked="" type="checkbox"/> Yes
Final pit outline and batters		<input checked="" type="checkbox"/> Yes
Remaining (undisturbed) native vegetation	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes
Location of drainage lines and watercourses	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes
Remaining infrastructure	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes
Final landform plan label		<input checked="" type="checkbox"/> Yes

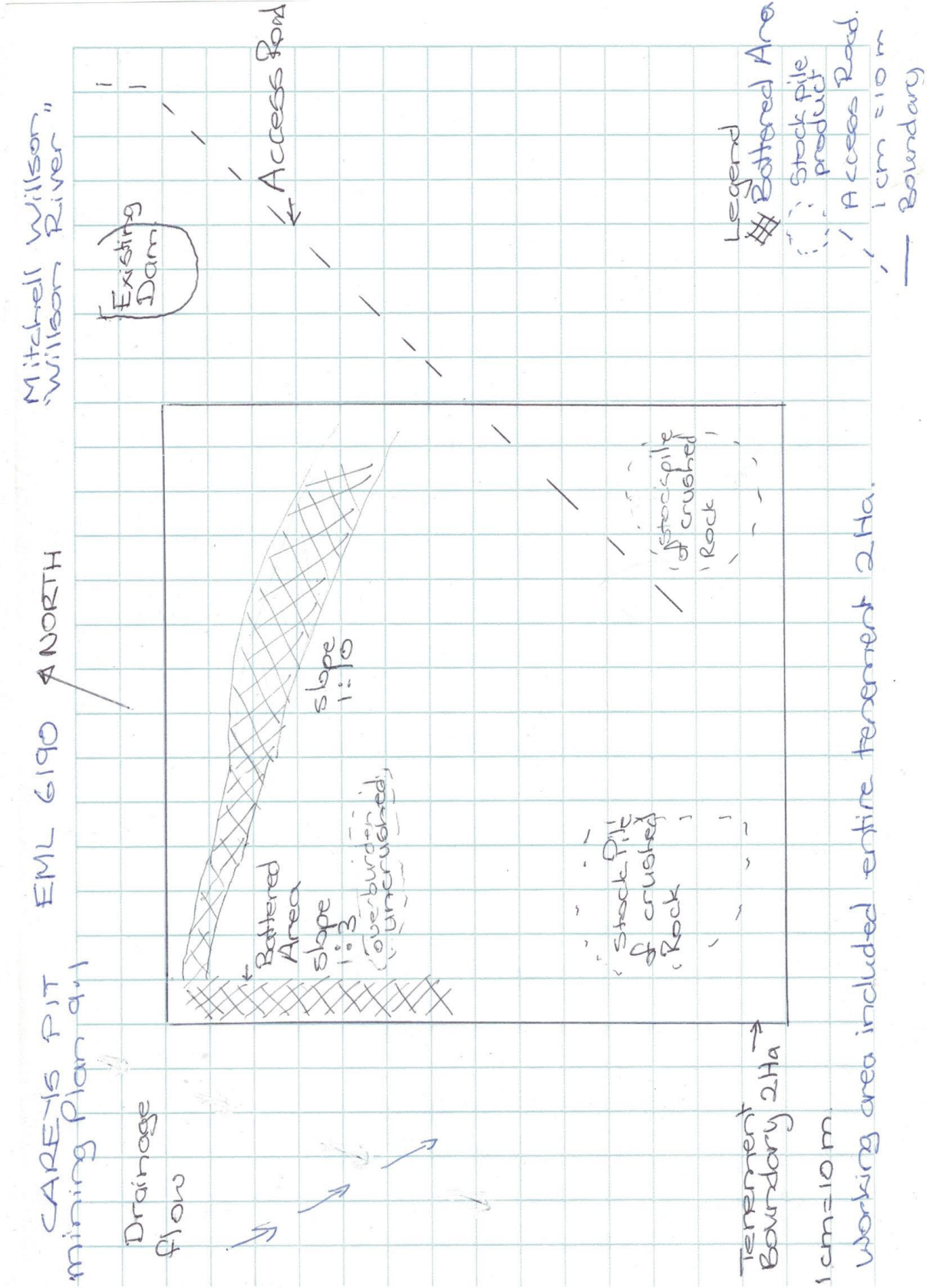
### 9.3 Cross Section Plans

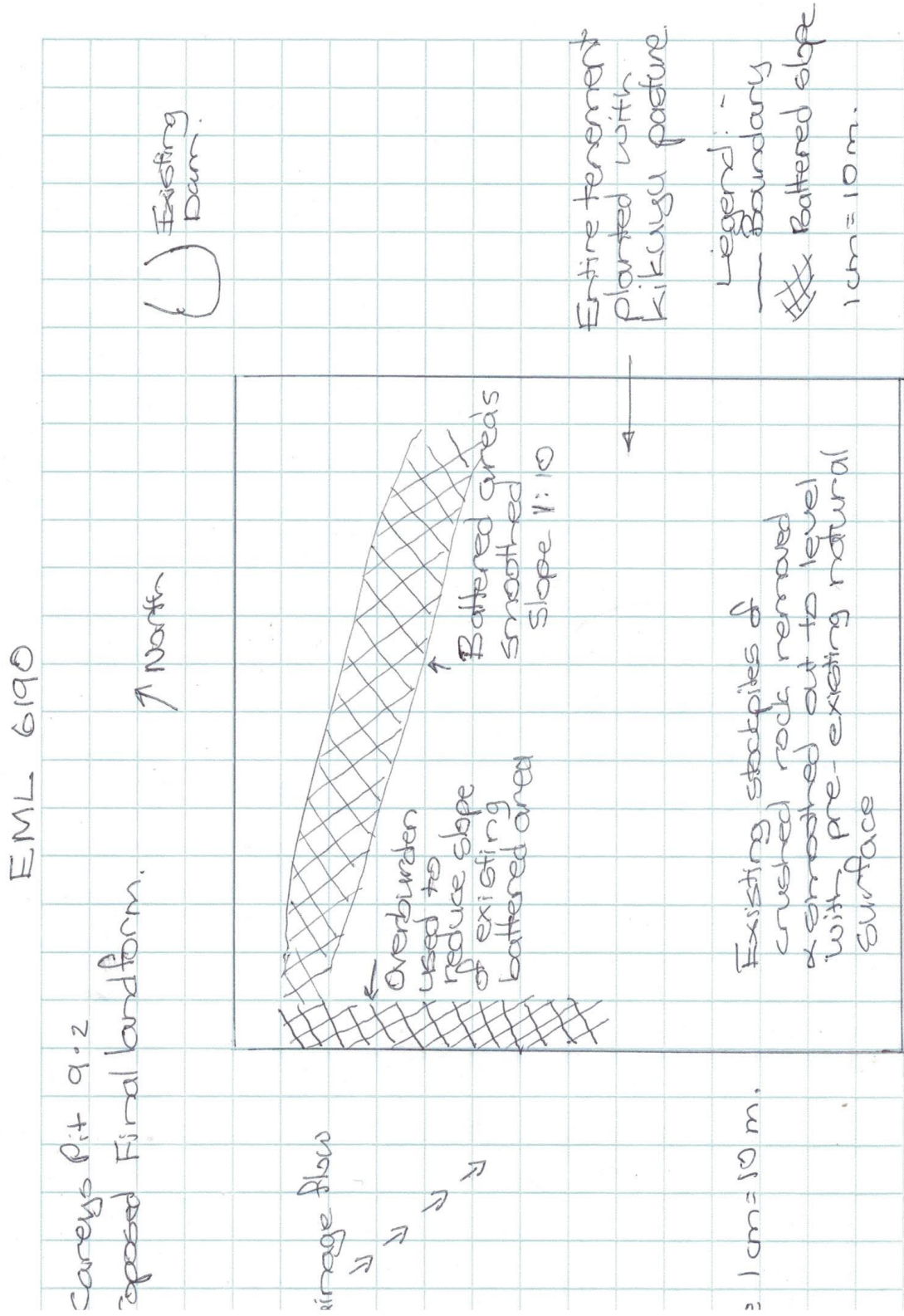
Scale (vertical and horizontal)		<input checked="" type="checkbox"/> Yes
North-South and East –West view		<input checked="" type="checkbox"/> Yes
Pre-mining natural surface		<input checked="" type="checkbox"/> Yes
Operational surface		
Conceptual final rehabilitated surface		<input checked="" type="checkbox"/> Yes
Cross-sections label		<input checked="" type="checkbox"/> Yes

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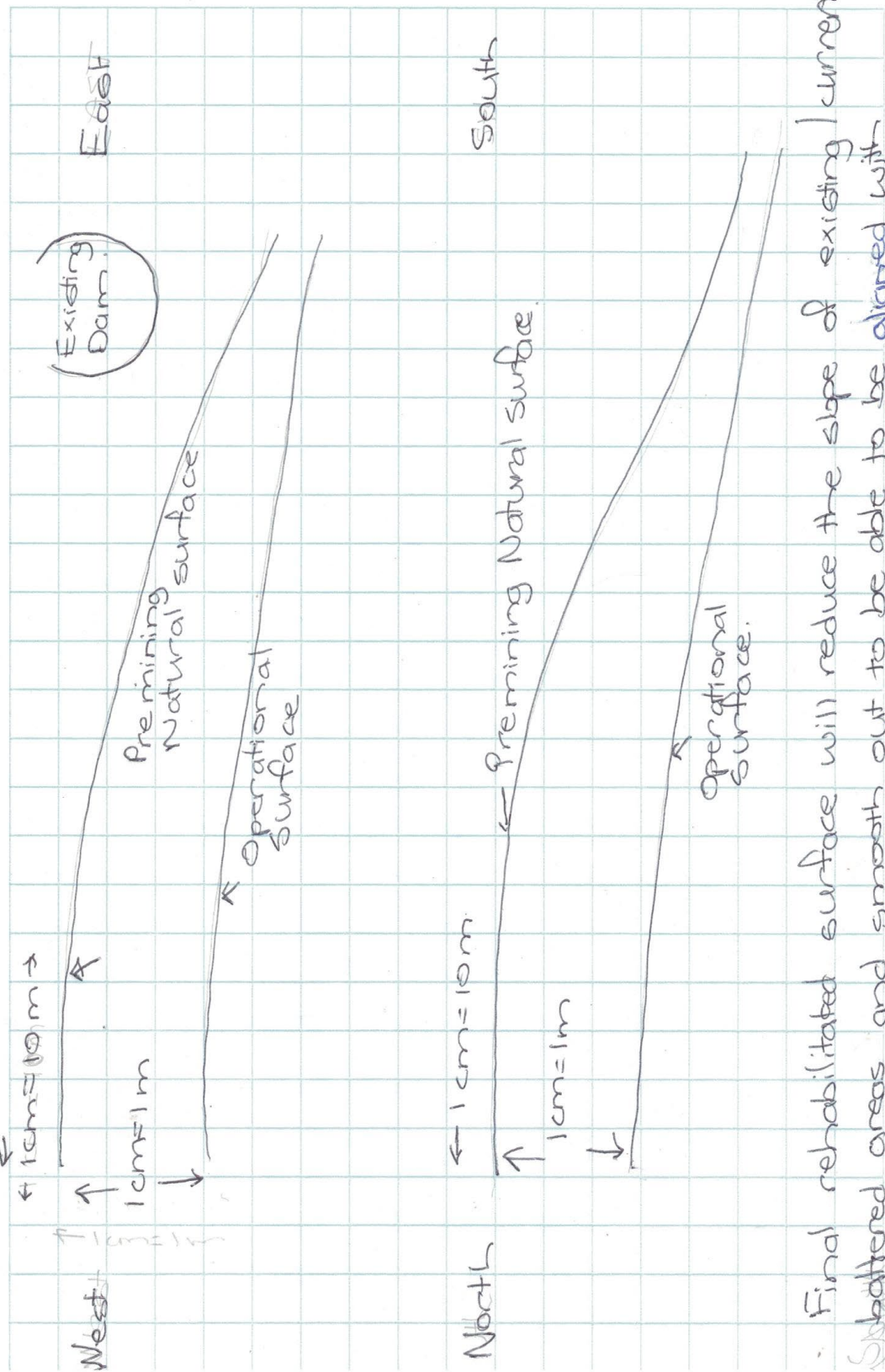
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Carey's Pit 9-3. EML 6190 Cross section Plans.



Final rehabilitated surface will reduce the slope of existing current  
Subattered areas and smooth out to be able to be aligned with  
Pre mining natural surface.

