

## Annual Audit Compliance Report Form

*Environmental Protection Act 1986, Part V*

Section A – Licence Details			
Licence number:	L8337/2009/2	Licence file number:	2012/006861
Licence holder:	Genesis Minerals Limited		
Trading as:	Genesis Minerals Limited		
ACN:	124772041		
Registered address:	Lvl 7, 40 The Esplanade, Perth, WA, 6000		
Reporting period:	1/09/2022 to 31/08/2023		

Section B – Statement of Compliance with Licence Conditions
Did you comply with all of your licence conditions during the reporting period? (please tick the appropriate box)
<input type="checkbox"/> Yes – please complete: <ul style="list-style-type: none"> <li>• section C;</li> <li>• section D if required; and</li> <li>• sign the declaration in Section F.</li> </ul>
<input checked="" type="checkbox"/> No – please complete: <ul style="list-style-type: none"> <li>• section C;</li> <li>• section D if required;</li> <li>• section E; and</li> <li>• sign the declaration at Section F.</li> </ul>

Section C – Statement of Actual Production	
Provide the actual production quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed Premises Category	Actual Production Quantity
5. Processing or beneficiation of metallic or non-metallic ore	997,783 tonnes
73. Bulk storage of chemicals, etc	392.8 m <sup>3</sup> fixed bulk, <500 m <sup>3</sup> aggregate

**Section D – Statement of Actual Part 2 Waste Discharge Quantity**

Provide the actual Part 2 waste discharge quantity for this reporting period. Supporting documentation is to be attached.

Prescribed Premises Category	Actual Part 2 Waste Discharge Quantity
6. Mine Dewatering	859,879 kL
52. Electric power generation: premises (other than premises within category 53 or an emergency or standby power generating plant) on which electrical power is generated using fuel.	14.24 MWh
89. Class II putrescible landfill site.	1,548 tonnes

**Section E – Details of Non-Compliance with Licence Condition**

Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.

Condition no:	1.2.1 & 1.2.2	Date(s) of non-compliance:	23/11/22
Details of non-compliance:			
<p>Gwalia Deeps operates a 24hour facility for the processing of gold, a bi-product of this process is cyanide containing tailings. Tailings are transported to a storage facility (TSF3) through a buried pipeline that runs from the processing plant in accordance with conditions 1.2.1 and 1.2.2.</p> <p>At approximately 11.30pm on 22/11/22 a small drop in pressure was identified on the tailings discharge line (to TSF3). Upon immediate investigation, discharge spigots on the tailings facility were inspected as the possible cause of the pressure drop was suspected to be a partial blockage, however the discharge flow rate from the spigots was deemed consistent and no blockage identified. At approximately 5.30am on 23/11/22 the tailings spill incident was identified. Tailings were flowing out from the buried tailings discharge line approximately 30m from the tailings facility. The estimated volume of tailings discharged was approximately 322.5m<sup>3</sup></p>			
What was the actual (or suspected) environmental impact of the non-compliance?			
<p><b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.</p> <p>Process tailings material typically containing cyanide concentrations of around 7.88mg/L (WAD CN) was discharged into previously disturbed areas listed as haul/access road, hardstand area and borrow pit (final storm water capture dam) in close proximity of the tailings dam. Some storm water was already present within the borrow pit, where significant dilution occurred and a significant storm followed after. Upon the completion of clean up and remediation works, smothering of material will present little to no impact. Ground water quality in the area is hypersaline and it is not expected that the discharge will have significant impact (<b>Figure 1, Plate 1-2</b>).</p>			
Cause (or suspected cause) of non-compliance:			
<p>Leaking valves (located inside the TSF facility) were identified on the primary tailings line approximately 2 weeks prior to the event. Maintenance was scheduled to coincide with a planned mill shutdown on 26/11/22. To avoid further leakage or a larger leak, tailings were temporarily diverted through a secondary line that didn't have a leak detection system installed until the planned repair would be completed.</p>			

<b>Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:</b>	
<p>Immediate Action:</p> <ul style="list-style-type: none"> <li>- Discharge ceased, incident reported.</li> <li>- Inspection of the impact area and mapping of the discharge extent.</li> <li>- Spill clean-up commenced.</li> <li>- Samples of the water body located within the borrow pit taken from the eastern and western sections – samples sent to NATA accredited lab for analysis.</li> </ul> <p>Preventative Actions:</p> <ul style="list-style-type: none"> <li>- Repair works on ruptured pipeline completed.</li> <li>- Repair works to faulty valves located on primary discharge line was completed.</li> <li>- Review of the maintenance schedule was completed upon finalization of repair works.</li> <li>- Review of procedure around responding to pressure changes was undertaken</li> <li>- Continued monitoring regime of tailings discharge to tailings storage facility and monitoring bores around the TSF as per the license conditions.</li> </ul>	
<b>Was this non-compliance previously reported to DWER?</b>	
<input checked="" type="checkbox"/> Yes, and	
<input type="checkbox"/> Reported to DWER verbally	Date:    /    /
<input checked="" type="checkbox"/> Reported to DWER in writing	Date: 25 /11 /2022



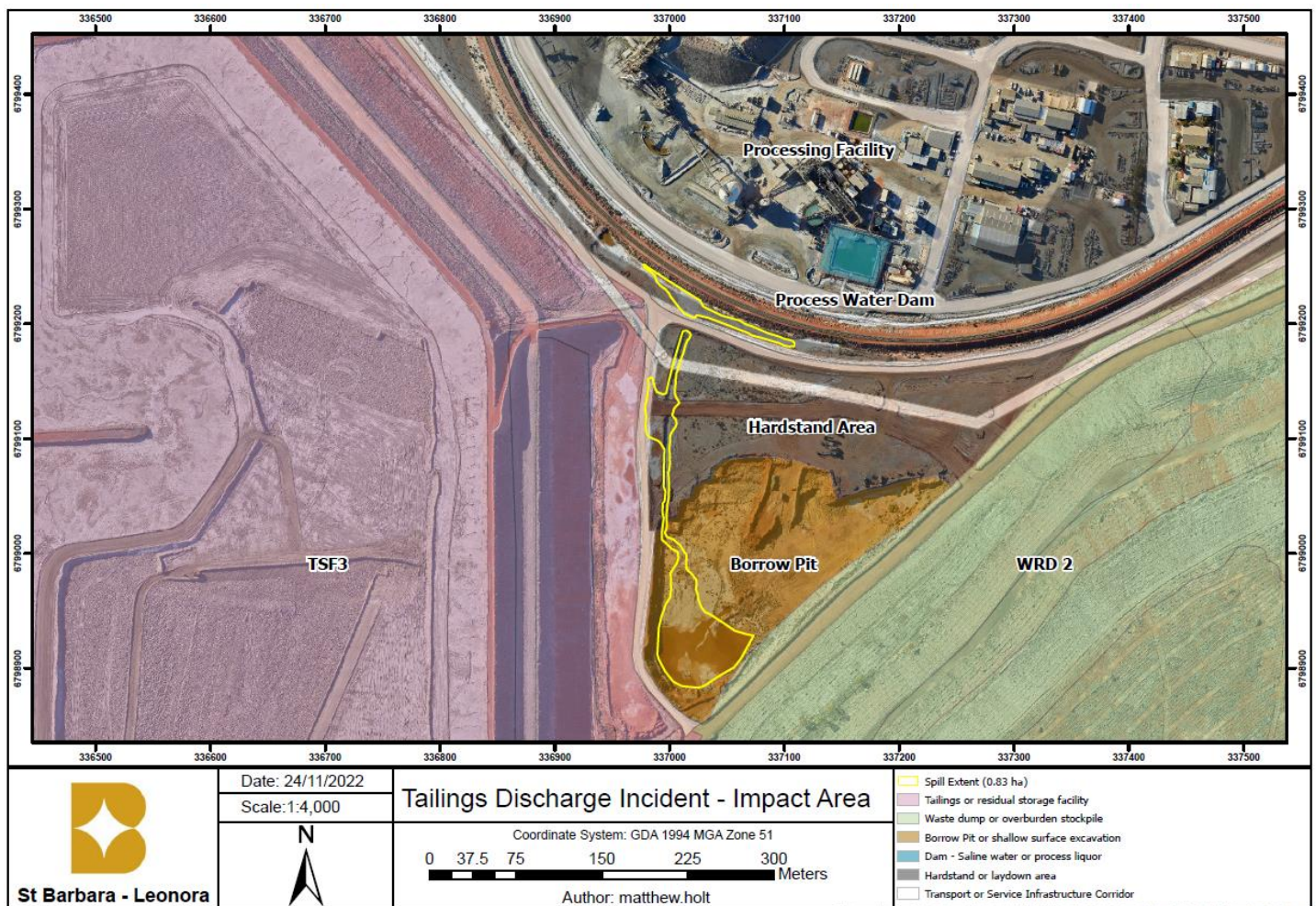


Figure 1. Map detailing extent of discharge.






Plate 1. Tailings discharge outside of contained area.



Plate 2. Tailings discharge outside of contained area.

## Section F – Declaration

I/We declare that the information in this Annual Audit Compliance Report is true and correct and is not false or misleading in a material particular<sup>1</sup>. I/We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.

Signature <sup>2</sup> :		Signature:	
Name: (printed)		Name: (printed)	
Position:		Position:	
Date:	18/10/23	Date:	
Seal (if signing under seal):			

<sup>1</sup> It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular.

<sup>2</sup> AACRs can only be signed by the licence holder or an authorised person with the legal authority to sign on behalf of the licence holder.