



NORTHERN STAR
R E S O U R C E S L T D

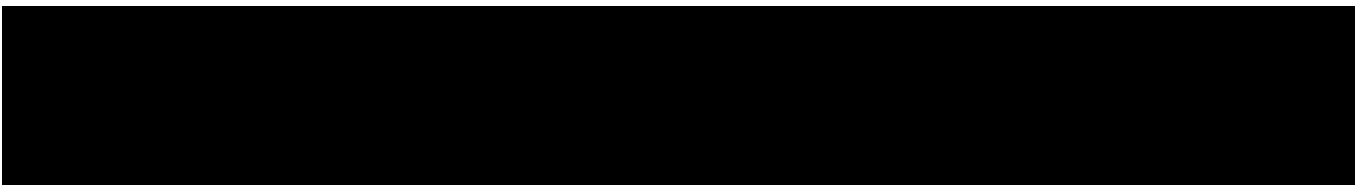
ANNUAL
ENVIRONMENTAL REPORT

Nov 1 2024 - Oct 31 2025

L8666/2012/2

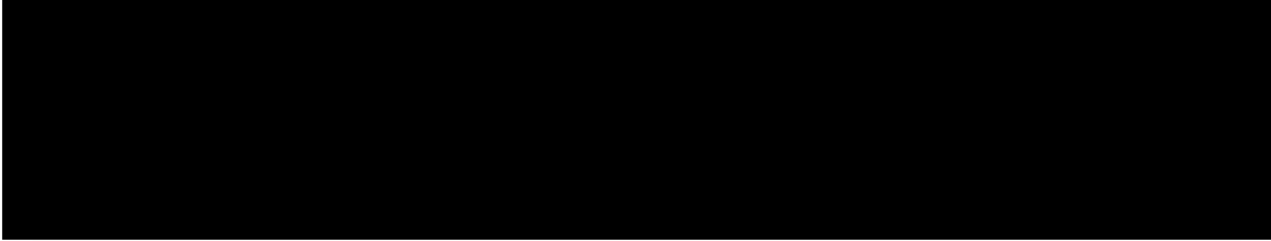
(Mt Celia)

January 2026



Annual Environmental Report Sign Off

I / We declare that the information in this Annual Environmental Report is true and correct and is not false or misleading.



Date	29 January 2026	Date	
Seal (if signing under seal)			

* Annual Audit Compliance Report Included in Appendix A

CONTENTS

1	Purpose	1
2	Overview	1
3	Reporting Requirements	5
3.1	Summary of Failure or Malfunction of Pollution Control Equipment.....	5
3.2	Monitoring of Ambient Surface Water	6
3.3	Monitoring of Ambient Groundwater	7
3.4	Compliance	10
3.5	Complaints Summary	10

LIST OF FIGURES

Figure 1: Mt Celia Project General Locality Map.	2
Figure 2: Mt Celia Premise Boundary	3
Figure 3: Landfill and Bioremediation Areas	4
Figure 4: Safari Pit Standing Water Levels.....	6
Figure 5: Deep South Monitoring Bores Standing Waters Levels (From Jan 2023)	9

LIST OF TABLES

Table 1: Prescribed Premises Category Totals	Error! Bookmark not defined.
Table 2: Environmental Reporting Requirements (L8666).....	5
Table 3: Safari Pit Water Quality	6
Table 4: Water Quality - pH, TDS and Major ions	7

APPENDICES

Appendix A: Annual Audit Compliance Report (AACR)	11
---	----

1 Purpose

This Annual Environment Report (AER) has been compiled to satisfy the conditions of Department of Water and Environmental Regulation (DWER) Licence L8666/2012/2 (section 17-18 Reporting), pertaining to the Mt Celia Project, for the reporting period of 1 November 2024 - 31 October 2025.

2 Overview

The Mt Celia Project consists of the Safari and Deep South mining projects, which forms part of the larger Northern Star Resources (Northern Star) Carosue Dam Operations. The Mt Celia Project is located approximately 150km northeast of Kalgoorlie in the Shire of Menzies and on the Edjudina and Mt Weld pastoral leases and is accessed via the Kalgoorlie - Yarri Road and private haul road from the Carosue Dam Operations 75km to the south.

No dewatering activities occurred during the reporting period. Mining and associated dewatering activities in the Mt Celia project area ceased as of June 2023. The Deep South mining operation has been in care and maintenance since June 2023, and Safari Bore mine has been in care and maintenance for more than twelve years.

To support future operational requirements, groundwater abstraction licence GWL 162879(8) has been maintained for mine dewatering purposes and occasional exploration drilling water. Dewatering of the Safari Bore Pit into Deep South Pit is being planned to allow future mining operations in Safari Bore Pit. In the 2025-2026 reporting period, planned works include installation of higher capacity pipeline and maintenance of existing v-drains.

Table 1: Prescribed Premises Category Totals

Prescribed Premises Category Description	Assessed Production / Design Capacity	Activity During the Reporting Period
Category 6: Mine dewatering	3,000,000 tonnes per annual period	0 tonnes
Category 89: Putrescible landfill	4,500 tones per annual period	0 tonnes

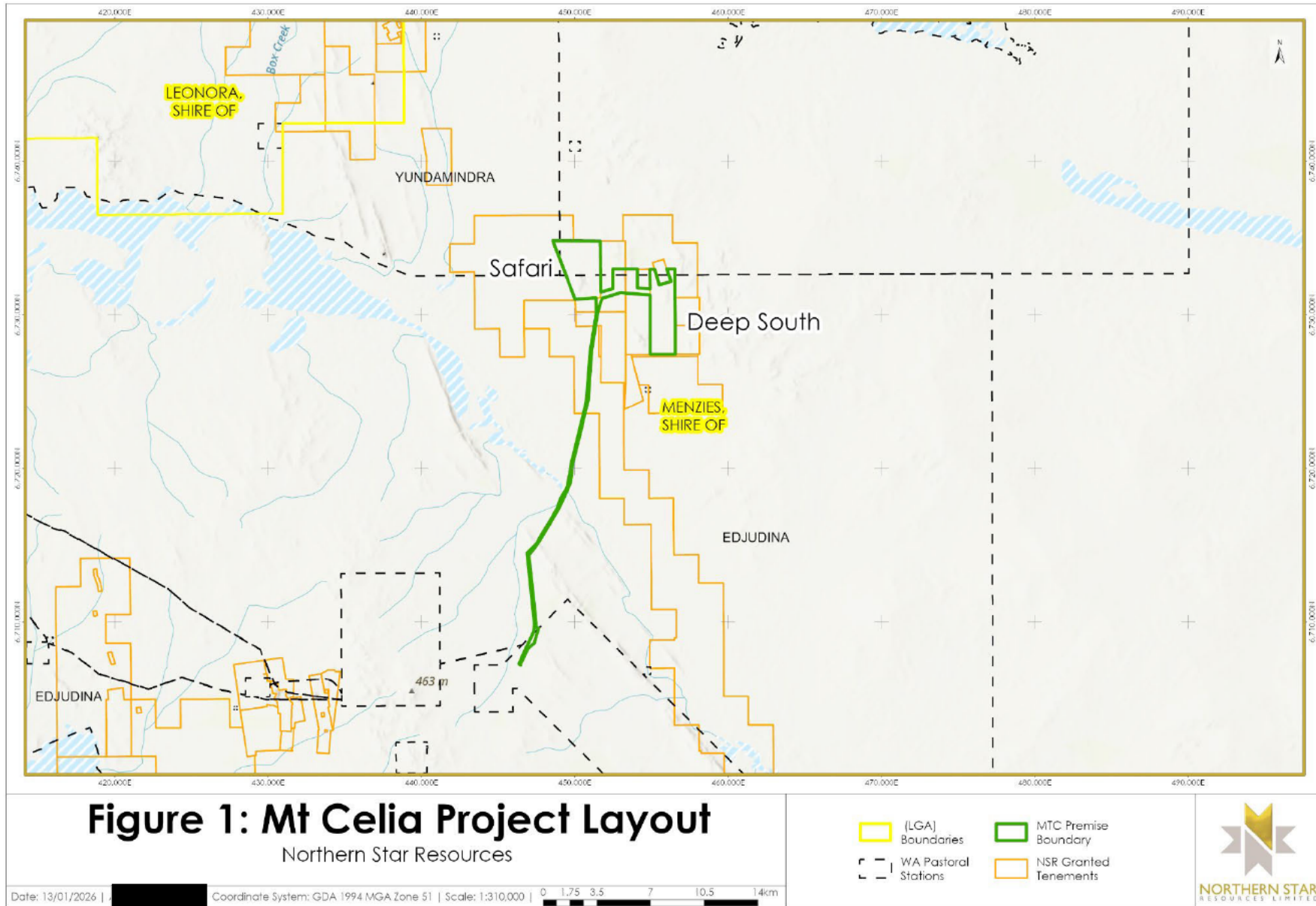


Figure 1: Mt Celia Project General Locality Map.

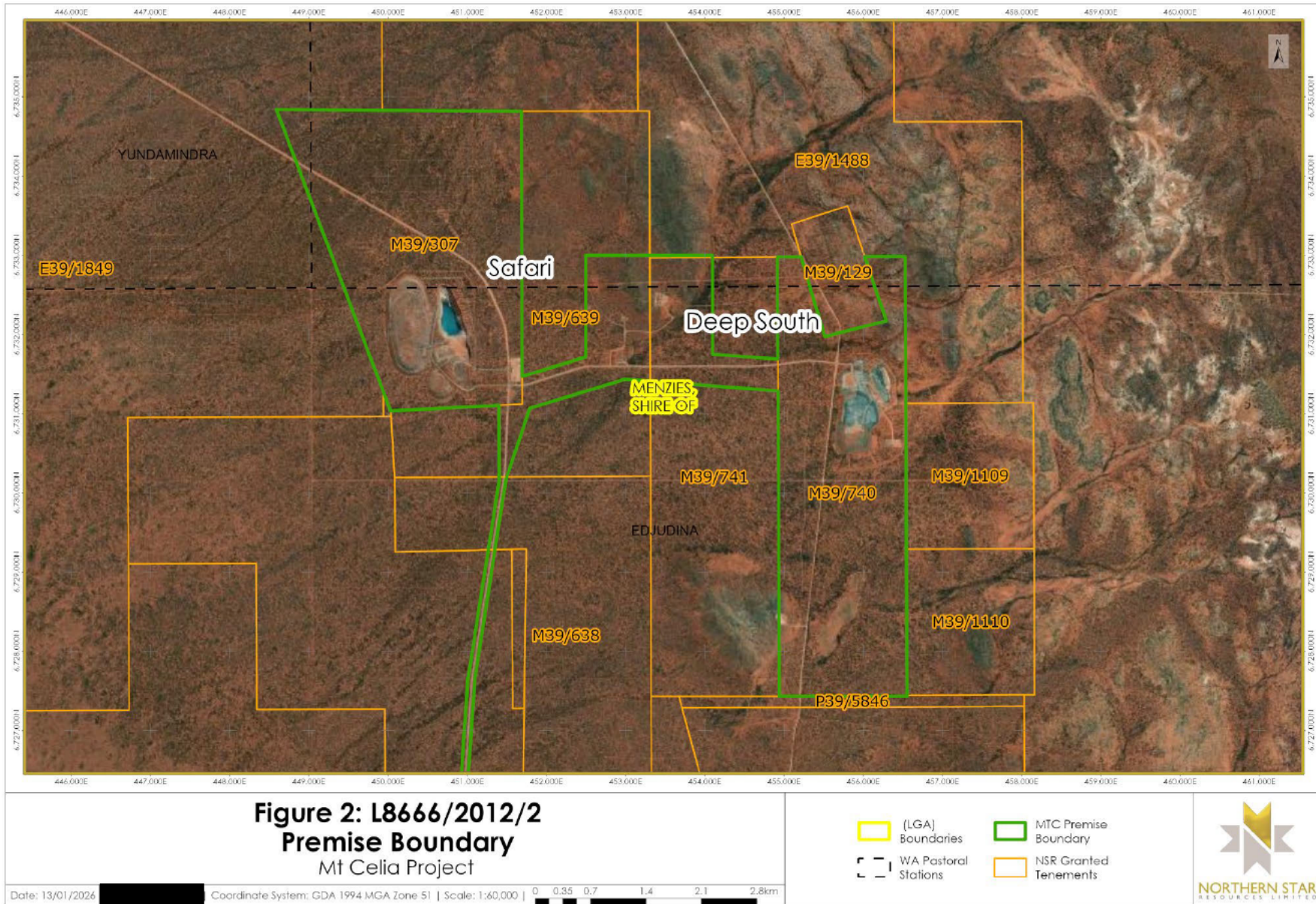


Figure 2: Mt Celia Premise Boundary

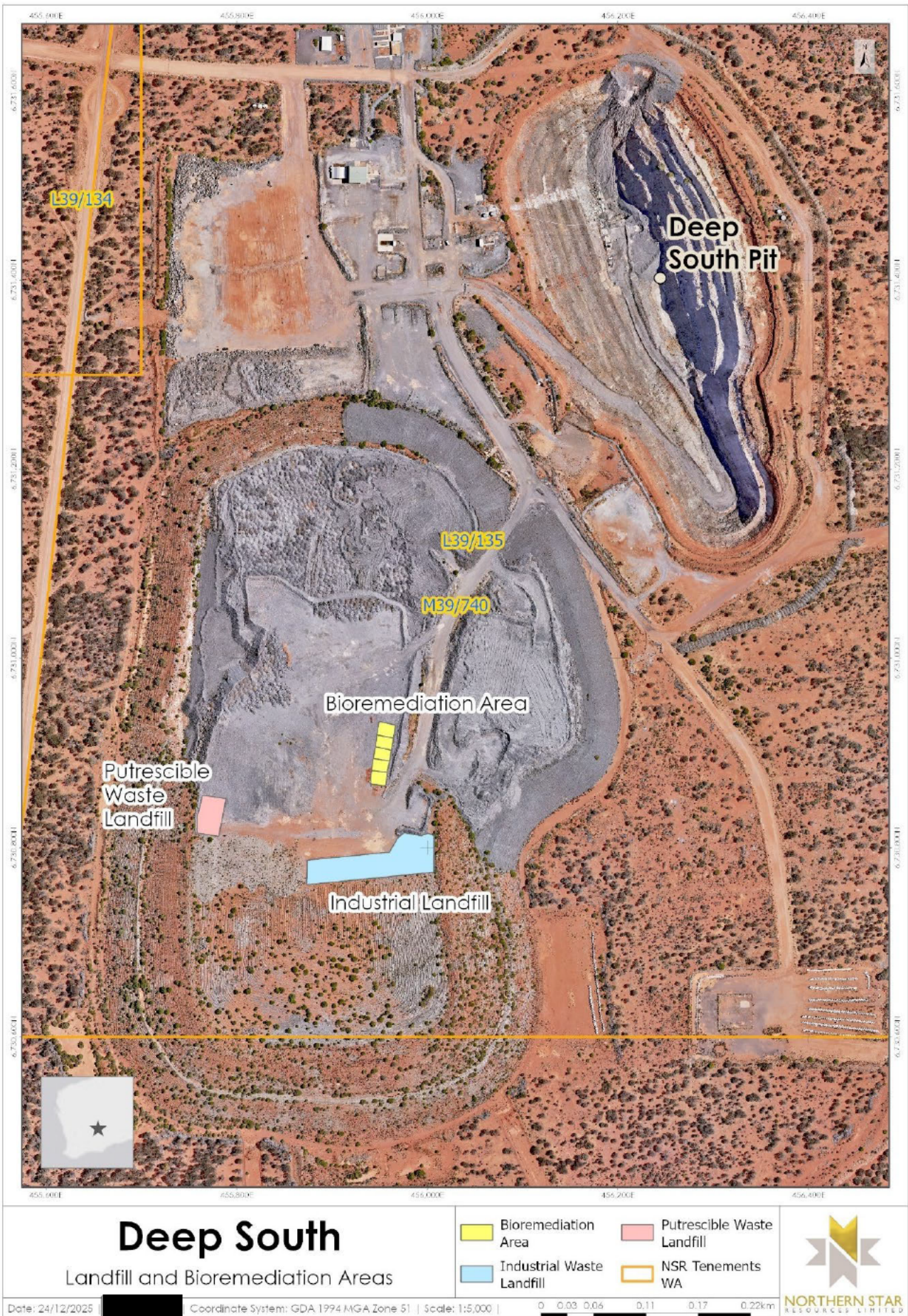


Figure 3: Landfill and Bioremediation Areas

3 Reporting Requirements

The annual reporting requirements for this Annual Environmental Report are defined in Condition 18 of the Licence, which states:

“The licence holder must:

- (a) Prepare an Environmental Report that provides information in accordance with Table 9 for the preceding two annual periods, and*
- (b) Submit that Environmental Report to the CEO by 31 January 2024 and biennially thereafter.”*

The requirements identified in Table 9 of the Licence are summarised in Table 2, with reference to the relevant section of this report that details compliance for each item.

Table 2: Environmental Reporting Requirements (L8666)

Section of this Report	Condition or Table	Parameter	Format or Form
Section 3.1	-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken.	None specified
Section 3.2 and 3.3	Table	Summary of ambient surface water and groundwater monitoring, including assessment of trends over time and assessment against relevant limits specified in the licence.	Monitoring data must be provided in a tabulated editable format.
Section 3.4	Condition 17	Compliance	Annual Audit Compliance Report (AACR)
Section 3.5	Condition 14	Complaints Summary	None specified

3.1 Summary of Failure or Malfunction of Pollution Control Equipment

No incidents or failure/malfunction of pollution control equipment occurred during the reporting period.

3.2 Monitoring of Ambient Surface Water

Mt Celia operations remained under Care and Maintenance for the reporting period. The Safari Bore Pit was monitored in compliance with Condition 13, Table 7 of the Licence throughout the reporting period. No mine dewatering occurred during the reporting period. Water quality parameters for the Safari Bore pit are presented in Table 3 and Figure 4.

The Deep South Pit remained dry throughout the reporting period, and only field water quality was analysed in accordance with Table 7 of Condition 13.

Table 3: Safari Pit Water Quality

Parameter	Dec-23	Apr-24	Jun-24	Sep-24	Dec-24	Mar-25	Jun-25	Sep-25	Nov-25	Dec-25
SWL (mbgl)	-	-	-	-	-	-	42.3	42.5	42.5	42.5
pH	8.07	8.05	7.83	7.92	8.04	7.91	7.85	8.06	7.85	8.05
TDS (mg/L)	22,900	21,900	19,700	19,900	20,700	23,900	22,000	21,500	23,800	22,700
EC (μ S/cm)	31,400	30,600	29,800	27,400	30,000	31,600	31,300	30,900	30,500	30,900

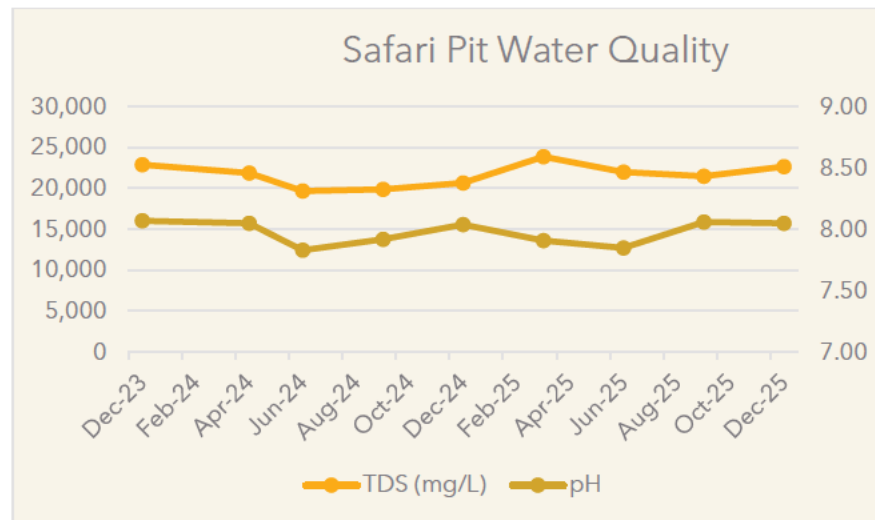


Figure 4: Safari Pit Standing Water Levels

Safari Pit water quality has remained stable over the last 2 years. The Standing water level remained steady throughout the reporting period and consistently remained deeper than the freeboard limit of 6 mbgl. Water pH also remained steady throughout the reporting period. Both TDS and EC were very consistent and correctly align with the hypersaline environment of the Mt Celia Operations.

3.3 Monitoring of Ambient Groundwater

Monitoring of ambient groundwater was undertaken in compliance with Table 8, Condition 13 from July 2025 when the amended licence was received. Monitoring data is presented in Table 4 and Figure 5. During the reporting period, most of the Deep South Bores were dry, and the remaining bores didn't have enough water for sampling.

Table 4: Water Quality - pH, TDS and Major ions

Bore	Date	pH	EC	TDS (mg/L)	Calcium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Magnesium (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Bicarbonate Alkalinity (mg/L)	Arsenic (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Manganese (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Zinc (mg/L)
DSMB01	Mar-24	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSMB01	Jun-24	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSMB01	Sep-24	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSMB01	Dec-24	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSMB01	Mar-25	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSMB01	Jun-25	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSMB01	Sep-25	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSMB01	Dec-25	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSPB03	Mar-24	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSPB03	Jun-24	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSPB03	Sep-24	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSPB03	Dec-24	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry

Bore	Date	pH	EC	TDS (mg/L)	Calcium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Magnesium (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Bicarbonate Alkalinity (mg/L)	Arsenic (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Manganese (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Zinc (mg/L)	
DSPB03	Mar-25	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSPB03	Jun-25	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSPB03	Sep-25	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSPB03	Dec-25	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
DSPB04	Mar-24	Insuff.	Insuff.	Insuff.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
DSPB04	Jun-24	Insuff.	Insuff.	Insuff.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
DSPB04	Sep-24	Insuff.	Insuff.	Insuff.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
DSPB04	Dec-24	Insuff.	Insuff.	Insuff.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
DSPB04	Mar-25	8.5	6040	3,190	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
DSPB04	Jun-25	8.4	9672	6,278	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
DSPB04	Sep-25	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.
DSPB04	Dec-25	8.62	5490	3,040	7	1120	27	28	1230	429	307	<0.001	<0.0001	<0.001	0.002	0.033	0.002	<0.004	0.162	
DSPB10	Apr-24	7.82	2320	1,350	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
DSPB10	Jun-24	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.
DSPB10	Sep-24	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.	Insuff.
DSPB10	Dec-24	8.14	1900	1,150	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
DSPB10	Mar-25	7.82	2320	1,350	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
DSPB10	Jun-25	7.77	2010	1,310	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
DSPB10	Aug-25	7.85	2330	1,320	109	271	17	59	500	164	211	0.001	<0.0001	0.001	0.002	0.003	<0.001	<0.01	0.009	
DSPB10	Sep-25	8.43	NR	1,680	119	330	16	65	661	204	178	0.002	<0.0001	<0.001	0.002	0.002	0.003	<0.01	0.096	
DSPB10	Dec-25	8.09	2350	253	113	284	17	68	518	179	208	0.002	<0.0001	<0.001	<0.001	<0.001	<0.001	0.005	<0.005	

Note: Dry = No water in sampling point. Insuff. = Insufficient water for sampling. NR = Sampling not required at time of sampling event. Licence amendment received in July 2025 contains additional sampling requirements to the previous version of the Licence.

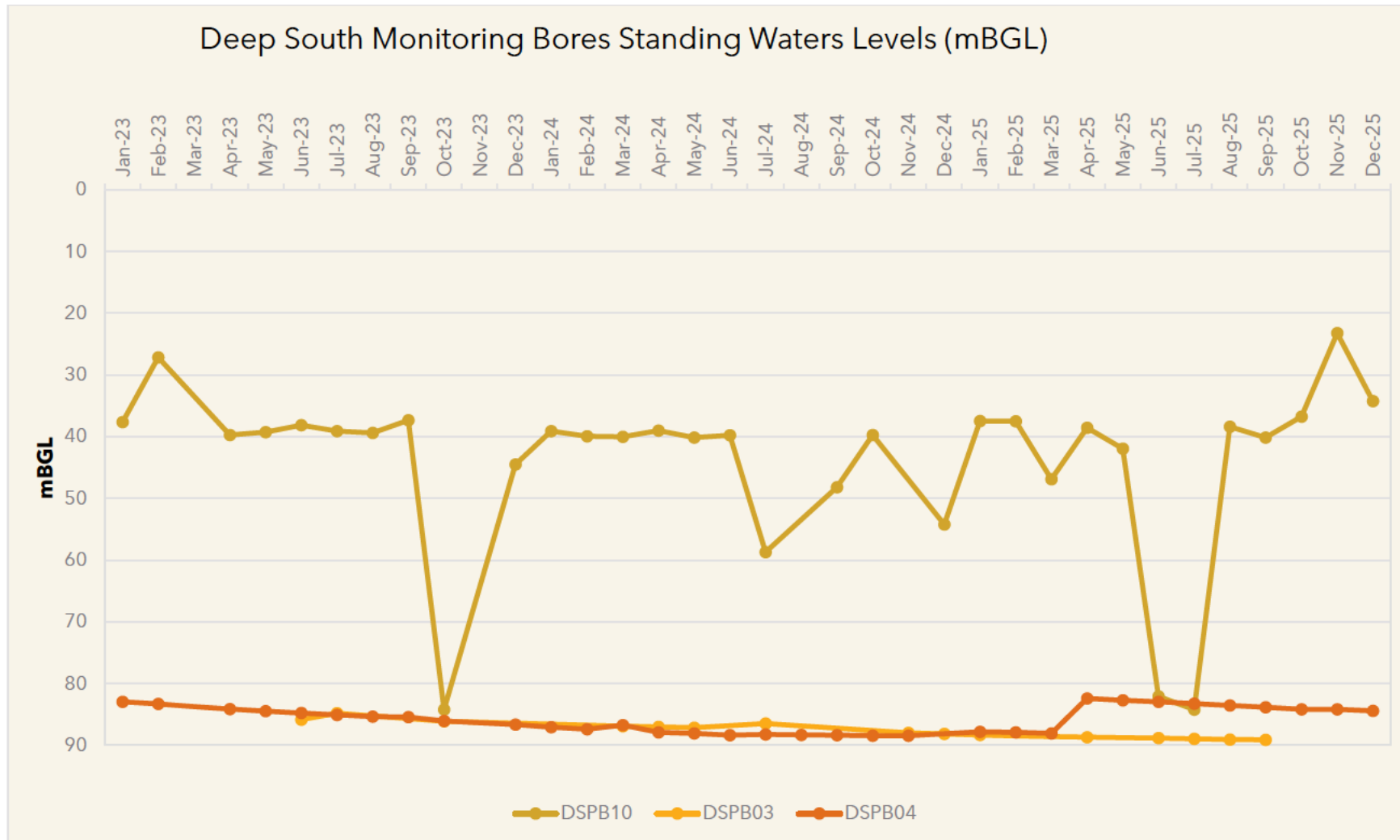


Figure 5: Deep South Monitoring Bores Standing Waters Levels (From Jan 2023)

Standing water levels at DSPB10 (pastoralist bore) showed large fluctuations which may have been caused by pastoralist activity, however DSPB03 and DSPB04 remained steady.

3.4 Compliance

As required under Condition 17 of the Licence, an Annual Audit Compliance Report (AACR) has been prepared to audit and assess compliance with all conditions of the Licence during the reporting period. The AACR is included as Appendix A.

3.5 Complaints Summary

Northern Star records all incidents (including complaints) on a Safety Management System (INX). No external complaints were recorded in relation to the L8666/2012/2 prescribed premises during the reporting period.

Appendix A: Annual Audit Compliance Report (AACR)



Annual Audit Compliance Report Form

Environmental Protection Act 1986, Part V Division 3

Once completed, please submit this form either via email to info@dwer.wa.gov.au, or to the below postal address:

Department of Water and Environmental Regulation
Locked Bag 10
Joondalup DC WA 6919

Section A – Licence details			
Licence number:	L8666/2012/2	Licence file number:	2012/004732-1
Licence holder name:	Northern Star Resources Limited		
Trading as:	Northern Star (Carosue Dam) Pty Ltd		
ACN:	116 649 122		
Registered business address:	LEVEL 4 500 HAY STREET SUBIACO WA 6008		
Reporting period:	01 / 11 / 2024 to 31 / 10 / 2025		

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 checked="" type="checkbox"/> Yes – please complete: <ul style="list-style-type: none">• section C;• section D (if required); and• sign the declaration in Section F.
<input type="checkbox"/> No – please complete: <ul style="list-style-type: none">• section C;• section D (if required);• section E; and• sign the declaration in Section F.

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
1. Category 6: Mine dewatering	0 tonnes per annual (No dewatering took place as the site is under care and maintenance).
2. Category 89: Putrescible landfill	0 tonnes per annual (No waste was produced as the site is under care and maintenance).

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
Category 6: Mine dewatering	No dewatering took place in the reporting period.
Category 89: Putrescible landfill	No putrescible waste was produced at Mt Celia during the reporting period.

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:	N/A	Date(s) of non-compliance:	N/A
Details of non-compliance:			
There was no known or identified non-compliance during the reporting period.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
N/A			
Cause (or suspected cause) of non-compliance:			
N/A			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
N/A			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and (N/A)			

Section E – Details of non-compliance with licence condition

<input type="checkbox"/> Reported to DWER verbally	Date: / /
<input type="checkbox"/> Reported to DWER in writing	Date: / /

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 particular¹.

I / We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation’s (DWER) website.



Date:	29/01/2026	Date:	
Seal (if signing under seal):			

¹ 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.

² 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.