



**SIMEC**

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# 2020 IKMA ANNUAL COMPLIANCE REPORT

Annual Compliance Report 2020

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## Document Control

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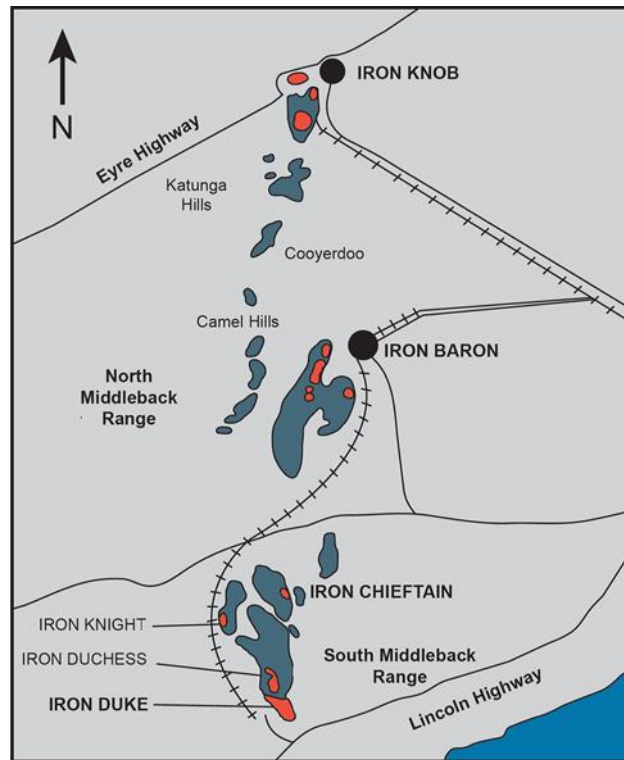
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<b>AUTHOR:</b>	GD Mills, T Brougham
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<b>COMMENTS:</b>	Review: Annette Jacobs, Peter Woods, Chris Smyth

# Executive Summary

This Annual Compliance Report covers the reporting period 1 January to 31 December 2020 for mining and ancillary operations in the Iron Knob Mining Area (IKMA). It fulfils the reporting requirements of Regulation 86 of the Mining Regulations 2011, Ministerial Determination 009 as amended 27 February 2020 and the Program for Environmental Protection and Rehabilitation (PEPR).

Operations throughout the reporting period continued the recovery and processing of low-grade stockpiles through the Integrated Processing Facility (IPF) and deposition of tailings into the Monarch void as approved under PEPR 2017/004. Mining operations remain being managed under care and maintenance.

PEPR revision regarding scree ore, ground water and mothball outcome measurement criteria continued through the reporting period, the revised PEPR was approved as PEPR No. MPEPR2020/042, in accordance with section 70C (5) of the Mining Act 1971 in February 2021. MPEPR2020/042 outcomes and measurement criteria will be reported on in the 2021 annual compliance report.



## Ministerial Declaration 009 Checklist

Section	Included or N/A
1. <b>Public liability insurance</b>	Section 1
2. <b>Identification</b>	
a. Tenement number(s)	Section 2
b. Name of the mine operation	Section 2
c. General location details	Section 2
d. Name(s) of the mine owner and mine operator(s)	Section 2
e. Site Contact	Section 2
f. Registered Mine Manager, Mines Works Inspection Act, 1920	Section 2
g. Reference and approved date of relevant PEPR being reported against	Section 2
h. Dates of the reporting period for the report	Section 2
i. Date of preparation of the report.	Section 2
3. <b>Tenements</b>	
a. Summary list and the status of currency of all tenements covered by the approved PEPR;	Section 3
b. A plan(s) of the mining operation showing all tenement boundaries covered by the approved PEPR.	Figure 1
4. <b>Other approvals</b>	
a. Provide a summary list and the status of currency of any other approvals obtained to authorize the mining operation, that are relevant to the achievement of environmental outcomes within the approved PEPR and or compliance with the tenement conditions.	Section 4
5. <b>Ore reserves and mineral resources. Provide:</b>	
a. A statement of the current ore reserves and mineral resource estimates in the tenement area and a brief description of the basis of this estimate; include Australasian Joint Ore Reserve Committee (JORC) compliant ore reserve and mineral resource estimates and categories, if available.	Section 5.1
b. A statement of any change in the mineral resource and ore reserves from those that form the basis for the mining operation in the approved PEPR.	Section 5.1
or	
c. An estimate of the resource to be mined, the basis of the estimate, and demonstrate that the resource continues to be mined at current commodity prices.	N/A
and	
d. A summary of any new delineation or exploration drilling activities on the tenement, or any other potential sources of ore (e.g. from nearby mines) that may have a significant effect on the future of production levels and mine life.	N/A
e. A statement of the estimated mine life.	

<p><b>6. Mining, processing and waste storage activities.</b> Provide:</p> <p>a. A summary of the quantity of ore mined and processed in the reporting period, and the expected quantity to be mined and processed in the next reporting period.</p>	<p>Sections 6.1, 6.2, 6.3</p>
<p>b. A summary of the ore currently stockpiled on the tenement, the amount of concentrate or other products exported from the tenement in the reporting period, and the amount expected to be exported in the next reporting period.</p>	<p>Section 6.1</p>
<p>c. A summary of the amount of overburden/waste mined during the reporting period, the amount of overburden/waste to be mined during the next reporting period and the amount of overburden/waste mined since the commencement of mining operations.</p>	<p>Section 6.4</p>
<p><b>7. Compliance with environmental outcomes and leading indicator criteria.</b> Provide:</p>	
<p>a. A statement that operations were, or were not, compliant with each environmental outcome (including mine completion outcomes) specified in the tenement conditions or approved PEPR. The statement must be supported by a summary of measured criteria data that clearly demonstrates the conclusion that the environmental outcome was (or was not) fully achieved.</p>	<p>Section 7.1</p>
<p>b. Summarise data relating to any leading indicator criteria in the approved PEPR. If any leading indicator have been or will become relevant to the operation of any control strategy, the report must state the actions that were taken and if the relevant controls strategies continue to be effective.</p>	<p>Section 7.2, Table 10</p>
<p><b>8. Compliance with non-outcome based tenement conditions.</b> Provide:</p>	
<p>a. Provide a statement on the compliance status of any tenement conditions of the lease or licence that do not relate to an environmental outcome in the approved PEPR.</p>	<p>Section 8</p>
<p>b. Evidence to support the statement of compliance.</p>	<p>Table 11</p>
<p><b>9. Rectification of non-compliances.</b></p>	
<p>a. Where instances of non-compliance with either the relevant environmental outcomes in the approved PEPR or tenement conditions have occurred during the current reporting period, provide the following information for each non-compliance:</p> <ul style="list-style-type: none"> <li>i. the date of the incident</li> <li>ii. what environmental outcome or tenement condition was breached</li> <li>iii. the date the incident was reported under Regulation 87 of the Mining Regulations, or other reporting protocol endorsed by the Government of SA (including the South Australian Uranium Incident Reporting Protocol)</li> <li>iv. the cause of the non-compliance</li> <li>v. any actions taken or yet to be taken to rectify the non-compliance and to prevent the reoccurrence of any such non-compliance</li> </ul>	<p>Section 9</p>
<p>b. Where any non-compliances under Regulation 86 or initial incident reports under Regulation 87 of the Mining Regulations have previously been reported in compliance reports and not fully rectified at the time of reporting, a progress report must be included to assess the effectiveness of rectification.</p>	<p>Section 9.2</p>
<p><b>10. Disturbance and rehabilitation activities.</b> Provide a summary of the disturbance and rehabilitation activities, including:</p>	
<p>a. The amount of land disturbed and activity that created the disturbance in the reporting period</p>	<p>Section 10</p>

b. The amount of land disturbed and activity that created the disturbance in the reporting period	Section 10
c. Strategies implemented to avoid or minimize disturbance	Section 10
d. Rehabilitation works carried out in the reporting period	Section 10
e. The amount of land where rehabilitation works are completed	Section 10
f. An estimated amount of land to be rehabilitated in the next reporting period	Section 10
g. Any potential improvements learned from previous rehabilitation activities	Section 10
<b>11. Reconciliation of native vegetation clearance.</b> Where native vegetation has been approved for clearance, include:	
a. the approved maximum clearance (as described in the PEPR) in hectares	Section 11
b. the amount cleared in the reporting period (in hectares and shown on a plan)	Section 11
c. the total amount cleared to date, and	Section 11
d. an estimated amount to be cleared in the next reporting period.	Section 11
<b>12. Environment Protection and Biodiversity Conservation Act 1999 reporting</b>	
a. If the tenement was the subject of an approval under the Commonwealth Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act), include a summary report demonstrating compliance with all EPBC Act approval conditions.	Section 12
<b>13. Exempt land.</b> Provide:	
a. a statement that all waivers for land relevant to the mining operation are in place and compliant with exempt land provisions in accordance with Section 9 of the Mining Act	Section 13
b. the status of any exempt land, including <ul style="list-style-type: none"> <li>i. name of person entitled to exemption</li> <li>ii. certificate of title or crown land details</li> <li>iii. reason for exemption</li> <li>iv. area of exemption (hectares)</li> <li>v. date waiver registered</li> <li>vi. any relevant conditions</li> </ul>	Not applicable
c. a plan showing all exempt land relevant to the mining operations. The plan must detail the extent of mining operations at the end of the reporting period.	Not applicable
<b>14. Complaints.</b> Provide a summary of any complaints raised by third parties for the reporting period. For each complaint specify:	Section 14
a. the date of the complaint	Section 14
b. the nature of the complaint	Section 14
c. whether or not it related to a non-compliance	Section 14
d. what action was taken to address the complaint (or yet to be taken), and	Section 14
e. the date the complaint was resolved	Section 14
<b>15. Management system reviews.</b> Provide a summary of any management system reviews undertaken during the reporting period in order to ensure compliance with relevant tenement conditions and environmental outcomes (including mine completion outcomes), including:	
a. when an audit or review was undertaken	Section 15

b. who undertook the audit or review	Section 15
c. what aspect(s) of the management system was audited or reviewed	Section 15
d. what issues, or recommendations for improvement were noted	Section 15
e. an assessment of any issues identified in the audit or review with the potential to lead to a non-conformance with approved environmental outcomes, and	Section 15
f. what corrective has been, or will be taken, to address any issues identified	Section 15
<b>16. Verification of uncertainty. Provide:</b>	
a. a description of and status of works undertaken during the reporting period or proposed to be undertaken to address any identified uncertainties or assumptions made in the approved PEPR; and	Section 16
b. a description and status of works undertaken during the reporting period or proposed to be to be undertaken to address any additional uncertainties or assumptions identified since the PEPR was approved.	Section 16
<b>17. Change to mining operations and emerging environmental hazards. Provide:</b>	
a. a summary list of any change(s) to mining operations endorsed under the approved PEPR for the reporting period.	Section 17.1
b. a description of any new or emerging environmental hazards that apply, or appear to be arising, in relation to mining operations.	Section 17.2
<b>18. Technical reports.</b>	
a. Provide a summary list of all technical data, studies and reports generated during the reporting period that support the achievement of tenement conditions and environmental outcomes in the approved PEPR	Section 18
<b>19. References.</b>	Section-19
a. Provide a summary of all supporting material referenced in the report.	

# Declaration of Accuracy

This document has been prepared to fulfil the requirement under Regulation 86 (5) of the *Mining Regulations 2011* (Mining Regulations), determining the minimum information required to be provided in a Compliance Report for a holder of a mineral lease and any associated miscellaneous purposes licence under Regulation 86(1), (3), (4) and (7) of the Mining Regulations.

I, Chris Smyth, OneSteel Manufacturing Pty Limited's Group Manager - Environment, Regulatory & Stakeholder has taken the following steps to review the information in this Mining Proposal to ensure its accuracy:

- Internal peer reviews by suitably qualified and experienced personnel
- Internal process of review by responsible managers.

Name	Position or Agent	Signature	Date
Chris Smyth	Group Manager - Environment, Regulatory & Stakeholder		30 July 2021

## Document Status

Rev No	Compiled	Author	Internal Review	Responsible Managers
0	GD Mills	GD Mills Annette Jacobs	Annette Jacobs Peter Woods	Chris Smyth – Group Manager Environment, Regulatory and Stakeholder Peter Woods – Environment Assurance Manager – Mining



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## Abbreviations and Definitions

Abbreviation	Definition
ANE	Ammonium Nitrate Explosive
AMD	acid mine drainage
AOC	area of concern
BIF	banded iron formation
BCM	bank cubic metre
BOS	basic oxygen steelmaking
DEWR	Department of Environment & Water
DPTI	Department of Planning, Transport and Infrastructure
DPC	Department of Premier & Cabinet
DEM	Department for Energy & Mining
DSO	direct shipping ore
ED	Environmental Direction
EML	Extractive Mineral Lease
EMS	Environmental Management System
EPBC	Environment Protection and Biodiversity Conservation
FDR	Fugitive Dust Ranking
GIS	Geographic Information System
GVM	gross vehicle mass
ILUA	Indigenous Land Use Agreement
JORC	Joint Ore Reserves Committee
LFA	Landscape Function Analysis
LGO	low grade ore
LOM	Life of Mine
MAG TSF	Magnetite Tailings Storage Facility
MARP	Mining and Rehabilitation Program
MBA	Middleback Alliance
ML	Mineral Lease
MPL	Miscellaneous Purpose License
N-SMR	Northern South Middleback Range
NE WRD	north-east waste rock dump
OBP	ore beneficiation plant
OMC	Outcome measurement criteria
PEPR	Program for Environmental Protection and Rehabilitation
PIRSA	Primary Industries and Regions SA
ROM	run of mine
SE WRD	south-east waste rock dump
SEB	significant environmental benefit
SMR	Southern Middleback Range

TSF	tailings storage facility
WBO	Whyalla blend ore
WRD	waste rock dump
WTC	waste transport certificate
WTF	waste tracking form

## Measurements and Symbols

Unit	Definition
BCM	bank cubic metre
CY	calendar year
ha	hectare
/hr	per hour
kL	kilolitre
kWh	kilowatt hour
m <sup>2</sup>	square metre
m <sup>3</sup>	cubic metre
MBCM	Million bank cubic metre
mm	millimetre
Mt	million tonne
L	litre
t	tonne
um	micrometre
/yr	per year

## Glossary

bank cubic metre	A measure of volume representing a cubic metre of in-situ rock or material before it is drilled and blasted
orthorectified	Spatially corrected to remove error as a result of the earth's curvature

# 1. Public liability insurance

SIMEC Mining holds insurance to cover legal liability in respect of property damage or personal injury arising out of an occurrence in connection with the Insured's business or products. The limits of liability are \$50,000,000 any one occurrence, limited in respect of Products Liability to \$50,000,000 in the aggregate for all occurrences for the period of insurance.

The Certificate of Currency is shown in Appendix A.

## 2. Identification

Mine name	Iron Knob Mining Area (IKMA)	PEPR#	2017/004
	Including Iron Monarch and Iron Princess pits	Date Approved	16 May 2017
Lease holder	OneSteel Manufacturing Pty Ltd		
Operator	SIMEC Mining. Note: SIMEC Mining is a business of OneSteel Manufacturing Pty Limited. Reference to SIMEC Mining (or SIMEC) in this report will be a reference to OneSteel Manufacturing Pty Limited.		
Mining Lease approval date	See Section 3 for details		
Associated tenements	ML1659-1667, ML2238-2242, ML2383, ML2384, ML2612-2614, ML2647, ML2671-2673, ML2700, ML3147-3151, ML3176, ML3177, ML3481, ML3789-3792, ML4037-4039, ML4429-4434, ML4490, ML4762-4769, ML6429, ML6430, MPL45, MPL142-145		
Approval documents	PEPR2017/004 WPC-103 (Rev 0) IKMA Program for Environment Protection and Rehabilitation (PEPR)		
Ministerial Determination	Ministerial Determination (MD 009) under Regulation 86(1), (3), (4) and (7) of the Mining Regulations 2011 (as amended 27 February 2020) determining the reporting periods and minimum information required to be provided in a Compliance Report for a Mineral Lease (ML) and any associated Miscellaneous Purposes Licence (MPL) for metallic and industrial minerals		
Site contact	Peter Woods - Environment Assurance Manager Whyalla Mines		
	Email:	Peter.Woods@simecgfg.com	
	Phone number	(08) 8640 4149	
Registered Mine Manager	Thanh To		
Site location details	Middleback Ranges		
Reporting period	From	1 January 2020	To 31 December 2020
Report preparation date	May-July 2021		

### 3. Tenements

Details of existing tenements in the Iron Knob Mining Area (IKMA) are provided in Table 1. Figure 1 shows the location of IKMA tenements and Iron Knob Township.

**Table 1 IKMA mining tenements**

Tenement	Tenement number	Approval date	Expiry date	Forward work plan
<b>Miscellaneous Purposes Licences (MPL)</b>				
MPL	45	11 May 2015	10 May 2036	
MPL	142	25 February 2014	22 November 2032	
MPL	143	25 February 2014	22 November 2032	
MPL	144	25 February 2014	22 November 2032	
MPL	145	25 February 2014	22 November 2032	
<b>Mineral Leases (ML)</b>				
ML	1659	30 June 1899	30 November 2029	
ML	1660	30 June 1899	30 November 2029	
ML	1661	30 June 1899	30 November 2029	
ML	1662	30 June 1899	30 November 2029	
ML	1663	30 June 1899	30 November 2029	
ML	1664	30 June 1899	30 November 2029	
ML	1665	30 June 1899	30 November 2029	
ML	1666	30 June 1899	30 November 2029	
ML	1667	30 June 1899	30 November 2029	
ML	2238	31 December 2014	30 November 2029	
ML	2239	31 December 2014	30 November 2029	
ML	2240	31 December 2014	30 November 2029	
ML	2241	31 December 2014	30 November 2029	
ML	2242	31 December 2014	30 November 2029	
ML	2383	31 December 2014	30 November 2029	
ML	2384	31 December 2014	30 November 2029	
ML	2612	1 October 1929	30 November 2029	
ML	2613	1 October 1929	30 November 2029	
ML	2614	1 October 1929	30 November 2029	
ML	2647	1 July 1934	30 November 2029	
ML	2670	1 January 1936	30 November 2029	
ML	2671	1 January 1936	30 November 2029	
ML	2672	1 January 1936	30 November 2029	
ML	2673	1 January 1936	30 November 2029	
ML	2700	1 October 1937	30 November 2029	
ML	3147	1 July 1911	30 June 2032	

SIMEC Mining will retain all tenements for the IKMA Life of Mine (LOM)  
 Mining and ancillary operations including crushing, screening, rail loading, ore stockpiling and tailings deposition will continue until ore deposits are fully utilised.  
 Progressive rehabilitation and closure activities will be undertaken as described in approved PEPR2017/004 and approved successors.  
 A Mine Completion Report will be submitted at least three months prior to Licence relinquishment or expiry



ML	3148	1 July 1911	30 June 2032
ML	3149	1 July 1911	30 June 2032
ML	3150	1 July 1911	30 June 2032
ML	3151	1 July 1911	30 June 2032
ML	3176	1 January 1912	23 November 2032
ML	3177	1 January 1912	23 November 2032
ML	3481	1-October-1969	30 September 2029
ML	3789	1 April 1972	31 March 2022
ML	3790	1 April 1972	31 March 2022
ML	3791	1 April 1972	31 March 2022
ML	3792	1 April 1972	31 March 2022
ML	4037	7 December 1972	6 December 2022
ML	4038	7 December 1972	6 December 2022
ML	4039	7 December 1972	6 December 2022
ML	4429	20 January 1975	19 January 2025
ML	4430	20 January 1975	19 January 2025
ML	4431	20 January 1975	19 January 2025
ML	4432	20 January 1975	19 January 2025
ML	4433	20 January 1975	19 January 2025
ML	4434	20 January 1975	19 January 2025
ML	4490	1 December 1975	30 November 2025
ML	4762	12 July 1979	11 July 2029
ML	4763	12 July 1979	11 July 2029
ML	4764	12 July 1979	11 July 2029
ML	4765	12 July 1979	11 July 2029
ML	4766	12 July 1979	11 July 2029
ML	4767	12 July 1979	11 July 2029
ML	4768	12 July 1979	11 July 2029
ML	4769	12 July 1979	11 July 2029
ML	6429	25 February 2014	22 November 2032
ML	6430	25 February 2014	22 November 2032

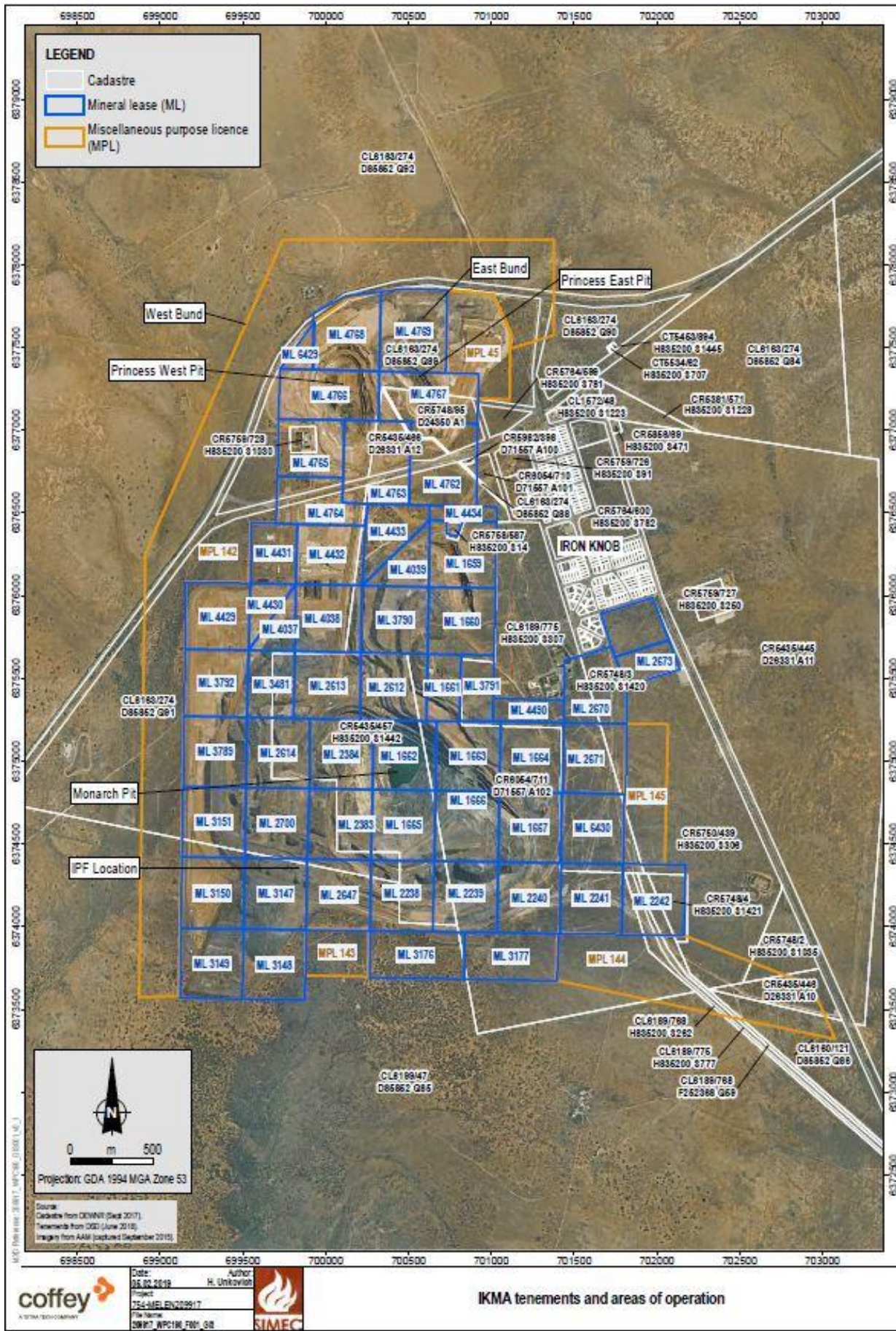


Figure 1 IKMA tenements and areas of operation

## 4. Other licences, permits, waivers and native title agreements

Table 2 provides details of agreements and licences held for the IKMA.

**Table 2 Agreements and licences – IKMA**

Licence, permit or agreement	Regulatory authority or other	Supporting documents	Associated ML, MPL, ML lease condition or outcome measurement criteria
Middleback Ranges SA Indigenous Land Use Agreement (ILUA): SI2013/002	National Native Title Tribunal	Extract from Register of Indigenous Land Use Agreements	Aboriginal Heritage
EPA Licence 13109 (Railway operations)	Environment Protection Authority	Licence held at SIMEC Environment Assurance Office and copies at work sites	Air quality
EPA Licence 17122	Environment Protection Authority	Licence held at SIMEC Environment Assurance Office and copies at work sites	Mineral works

## 5. Ore reserves and mineral resources

### 5.1 Ore reserves and mine life

Table 3 and Table 4 provide details of ore reserves and estimated mine life as at the end of December 2020.

Details of ore reserves and estimated mine life as at the end of December 2020 are provided below for the various pits that comprise the IKMA. There has been no update to the JORC 2012 estimate presented in the PEPR in the current reporting year, and as a result the data from 2018 is replicated herein for information, no mining of the reserve has occurred in the calendar year 2020, and the mine is currently mothballed.

**Table 3 Iron Monarch total resource and reserves (year ending 31 December 2020)**

Ore reserves	Mass (Mt)	Mineral resources	Mass (Mt)	Estimated mine life (Years)
Proved	-	Measured		5
Probable	6.6	Indicated	11.9	
		Inferred	6.8	
<b>Total</b>	<b>6.6</b>		<b>18.7</b>	
PEPR <sup>1</sup>	9.2		19.9	
<b>Change</b>	<b>-2.6</b>		<b>-1.2</b>	

1. Source: PEPR2017/004 based on 2013 Reserve and Resource statements; no change from previous report.

**Table 4 Iron Princess total resource and reserve (year ending 31 December 2020)**

Ore reserves	Mass (Mt)	Mineral resources	Mass (Mt)	Estimated mine life (Years)
Proved	-	Measured		2
Probable	3.3	Indicated	17.3	
		Inferred	14.8	
<b>Total</b>	<b>3.3</b>		<b>32.1</b>	
PEPR <sup>1</sup>	8.7		19.9	
<b>Change</b>	<b>-0.6</b>		<b>+12.2</b>	

1. Source: PEPR2017/004 based on 2013 Reserve and Resource statements

**Table 5 Monarch Scree total resource and reserve (year ending 31 December 2020)**

Ore reserves	Mass (Mt)	Mineral resources	Mass (Mt)	Estimated mine life (Years)
Proved	-	Measured		2
Probable	3.2	Indicated	10.9	
		Inferred	-	
<b>Total</b>	<b>3.2</b>		<b>10.9</b>	

2. Source: PEPR2020/042 Reserves and resources were estimated in a manner consistent with the requirements of the 2012 Edition of the Australasian Code for Reporting of Ore Reserves (JORC Code, 2012 Edition) utilising industry standard software and methods.)

## 6. Mining, processing and waste storage

### 6.2 Ore mining

Table 6 shows details of ore mined in the IKMA in 2020.

**Table 6 Ore mined in the IKMA – 2020**

Ore mined Mine life* (BCM)	Reporting period Ore mined (BCM)	Next reporting period Ore to be mined (BCM)	End of reporting period Current ore stockpile (t)	
4,597,198*	0	0	Whyalla Blend Ore	0
			Low Grade Ore	648,699
			Total	648,699
Reason(s) for variations from previous report	No variations			

\* Mine life refers to the period since re-commencement of operations in 2013 under PEPR2013/001 and does not consider the history of mining prior to the mine being closed in 1998

### 6.3 Ore processing

Table 7 shows ore crushed at IKMA in 2020. The IKMA Integrated Processing Facility (IPF) commenced operation in July 2017. Table 8 shows Ore processed through the IKMA IPF in 2020.

**Table 7 Ore crushed at the IKMA**

Ore crushed Mine life (t)	Reporting period Ore crushed (t)	Next reporting period Ore to be crushed (t)
15,928,228	1,698,038	1,731,00
Reasons for variations from previous report	Ore crushed in 2020 aligned within 10% of forecast value from 2019 report (1,578,500 t).	

All material crushed at IKMA is feed for the IPF process. Processed tonnes are assumed to be the end product tonnes from the IPF.

**Table 8 Ore processed through the IKMA IPF**

Ore processed IPF life (t)	Reporting period Ore processed in IPF (t)	Next reporting period Ore to be processed in IPF (t)
1,880,759	541,693	604,000
Reasons for variations from previous report	Ore processed in 2020 aligned within 10% of forecast value from 2019 report (589,800 t).	

### 6.4 Concentrate

IKMA does not produce concentrate.

## 6.5 Overburden / waste

Table 99 shows the volumes of overburden for the reporting period and total to date.

**Table 9 Overburden mined in the IKMA**

Overburden mined Mine life (BCM)	Reporting period Overburden mined (BCM)	Next reporting period Overburden to be mined (BCM)
19,516,650	0	0
Reason(s) for variations from previous reports		

\* Mine life refers to the period since re-commencement of operations in 2013 under PEPR2013/001 and does not consider the history of mining prior to the mine being closed in 1998

# 7. Compliance with environmental outcomes and leading indicator criteria

## 7.1 Compliance summary

A summary of compliance items is provided in Table 5.

**Table 5 Compliance summary – IKMA (1 January to 31 December 2020)**

Licence/Permit/Tenement	Type of non-compliance	Brief description	Status	Section of report for further detail
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There were no non-compliances recorded during the reporting period

## 7.2 Compliance with outcomes

An overview of compliance against outcomes and associated measurement criteria for the IKMA is provided in Table 6.

**Table 6 Compliance with Environmental Outcomes**

Outcome	Outcome measurement criteria (OMC)	OMC compliance status	Target Value	Leading indicator status	Target Value actions summary	Evidence	Forward work plan
<b>Flora</b>							
No permanent loss of abundance or diversity to native vegetation through clearance, dust/contaminant deposition, fire or other damage caused by mining operations on or off the tenements, unless prior approval under legislation is obtained	Annual aerial and/or ground surveys at operational areas demonstrates that the total area cleared does not exceed the approved area (334 ha) when compared to baseline aerial surveys conducted prior to commencement of operations	Compliant	All clearance of native vegetation to comply with approved clearance area of 334ha under the Native Vegetation Act 1991	Not applicable	Not applicable	0.65 ha of vegetation was cleared in the IKMA in 2020, leaving the total cleared to-date to 263.1 ha compared to 334 ha approved for clearance under PEPR2017/004 (see Section 10 and Section 11)	Maintain SIMEC Mining Vegetation Clearance Permit procedure
No permanent loss of abundance or diversity to native vegetation through clearance, dust/contaminant deposition, fire or other damage caused by mining operations on or off the tenements, unless prior approval under legislation is obtained	Biannual inspection by internal resources and biennial monitoring by an external consultant of native vegetation abundance and diversity at permanent monitoring quadrats located at impact sites adjacent to operations and at replicate remote control sites (see PEPR Appendix A-8) through an assessment tool developed specifically for the Middleback Ranges mines based on ecosystem function analysis monitoring demonstrates no permanent loss of abundance or diversity on or off the tenements	Compliant	All clearance of native vegetation to comply with approved clearance area of 334ha under the Native Vegetation Act 1991	Not applicable	Not applicable	No change to native vegetation abundance or diversity External biennial flora monitoring occurred at IKMA in November 2020 (MI376,EBS, 2020), EBS reported the following: IKPP1 – Control site. No impact from dust, being consistent with the last three monitoring assessments. Dust impact score 0 IKPP2 – Impact site. Indicator species dust impact score zero, probably due to recent rain, however non-indicator species showing dust staining and canopy die-back (which is attributed to slower growth rates of those non indicator species). IKPP6- Impact site, Dust impact score 0. IKPP8 – Impact site. Dust impact score 0. IKPP9- Dust impact score 0. Internal vegetation dust impact assessments completed in March, July, and December. No change to native vegetation abundance or diversity. IKPP2 consistently observed to have a dust impact score 1, all other sites recorded dust impact scores 0 for all three reports.	Continued focus on dust control strategies and compliance to FDR Standard and dust TARP procedures



Outcome	Outcome measurement criteria (OMC)	OMC compliance status	Target Value	Leading indicator status	Target Value actions summary	Evidence	Forward work plan
<b>Fauna</b>							
Ensure that there is no permanent loss of native fauna abundance or diversity in the lease area and adjacent areas caused by mining operations	Records demonstrate that incidents of drill collars not being capped immediately following exploration activities are logged and investigated and all corrective actions are closed out within 24 hours of receiving notification of the incident	Compliant	All incidents of drill collars not being capped immediately following exploration activities are logged and investigated and all corrective actions are closed out within 24hrs of receiving notification of the incident	Not applicable	Not applicable	One incident of drill collars not being capped was recorded during 2020. The event was recorded at the Monarch scree area on 1 July 2020. Holes were subsequently capped	Continue to monitor compliance with Exploration guideline QP50_58
<b>Weeds, pests and pathogens</b>							
No introduction of new species of weeds, plant pathogens or pests (including feral animals), nor a sustained increase in abundance of existing weed or pest species within the IKMA, compared to adjoining land	Biannual weed inspections reports and continuous weed mapping demonstrate that new weed and existing weeds are managed by control measures as per the SIMEC Mining Pest Plant and Animal Control Strategy QP50_62 within six months of documenting the presence of new weed incursions or increase in abundance of existing weeds in the licence area compared to baseline flora and fauna surveys (Bebbington 2012 and Ecological Horizons 2012)	Compliant	No introduction of new declared weeds, plant pathogens or pest (including feral animals), species nor a sustained increase in abundance of existing weed or pest species and pest plants within the tenements	Not applicable	Not applicable	Weed inspections occurred on 28 May 2020 and 1 November 2020. Weeds and pests were managed in accordance with SIMEC's Pest Plant and Animal Control Strategy QP50_62. This included follow-up spraying as required on historical weed impacts.	Continue to monitor compliance with the Pest plant and Animal Control Strategy QP50_62
<b>Soil</b>							
Existing soil quality and quantity (in terms of topsoil) is maintained	Records maintained on site demonstrate that topsoil has been stripped, stockpiled and maintained in accordance with SIMEC Mining's Soil Management Plan (QP50_66) and that all corrective actions from audits logged and closed out within 60 days or as otherwise agreed with the Regulator	Compliant	Zero outstanding action items after 60 days from audits	Not applicable	Not applicable	Topsoil inspections occurred on 28 May 2020 and 1 November 2020. Review of topsoil stockpiles found all compliant, with no corrective actions required.	Continue to monitor compliance with the Top Soil Management Plan QP50_66

Outcome	Outcome measurement criteria (OMC)	OMC compliance status	Target Value	Leading indicator status	Target Value actions summary	Evidence	Forward work plan
	Six-month inspection records demonstrate that the soil quality parameters of no disturbance or compaction, no sheet or gully erosion, weeds controlled, stockpile heights are correct and good regeneration of native plants species has occurred at all IKMA topsoil stockpiles.						
<b>Stormwater</b>							
No water contaminated as a result of mining operations leaves the tenement areas or results in loss of or contamination of soil on or off the tenement/s Ensure that no water runoff from the tenements results in flooding of adjacent areas to an extent greater than that could reasonably be expected to occur prior to mining operations being established.	All drainage channels and silt traps in place as per approved design, (Appendix A-7 of PEPR 2017/004), as determined by audit of inspection records maintained on site  Records demonstrate that inspections are carried out within five days of rainfall events that result in flows of stormwater, or every three months, whichever is the lesser, and that all corrective actions from inspections are logged and closed out within 30 days or as otherwise agreed with the Regulator	Compliant	All drainage channels and silt traps installed as per Appendix A-7 (PEPR 2017/004), and reactive maintenance and corrective actions closed out within 30 days of assignment	Not applicable	N/A	A minimum of four inspections per annum are required. These were carried out on 28/5/2020, 5/2/2020, 28/9/2020 and 29/10/2020.	Continue to monitor compliance with PEPR 2014/038 stormwater outcome
<b>Air quality</b>							
No public health and/or nuisance impacts to local residents or highway users from dust generated by mining activities	Primary: Environment and/or safety incident reporting system records show that no incidents occurred where dust emissions from activities associated with mining activities on tenements exceeded the FDR standard (QP50_68) ranking level of FDR2 without implementing adequate controls or postponing the activity	Compliant	No incidents resulting in exceedances of FDR2 Complaints closed out within 30 days	Not applicable	On occasions when dust emissions could not be contained at FDR2, all dust emitting activities are postponed.	No incidents recorded resulting in the exceedance of FDR2 occurred during 2020.	Continue to apply the FDR dust control standard and strategies and monitor impacts

Outcome	Outcome measurement criteria (OMC)	OMC compliance status	Target Value	Leading indicator status	Target Value actions summary	Evidence	Forward work plan
	Secondary: Complaints of dust impacts to residents of Iron Knob are logged and investigated and all corrective actions are closed out within 30 days of notification of an incident or complaint, or as otherwise agreed with the impacted party or the Regulator					One dust complaint was received at IKMA within the reporting period.	
<b>Visual amenity, nuisance noise/light</b>							
The contrasting and reflective aspects of WRDs and infrastructure are visually softened to blend in with the surrounding landscape	Annual audits against the staged rehabilitation strategy, with the use of annual aerial and ground surveys of the landform development and biennial flora monitoring surveys demonstrate progressive rehabilitation undertaken in accordance with staged rehabilitation strategy for Iron Knob Mining Area (see PEPR 2017/004)	Compliant	Timing and rehabilitation outcomes are achieved in accordance with the Mine Plan closure and rehabilitation (see Section 8, PEPR2017/004 for full details of the Mine Plan)	Not applicable	WRD rehabilitation continues in line with plan.	No rehabilitation at IKMA was undertaken during the calendar year 2020. Rehabilitation status monitored annually as part of the Landscape Function Analysis (LFA). IKMA LFA survey undertaken on 15/1/21.	Continue to construct and remediate in accordance with design, closure and rehabilitation strategy  Include completed WRD rehabilitation areas in the scope of future biennial flora monitoring surveys, when rehabilitation occurs in the calendar year.
<b>Blasting (and vibration)</b>							
No public health, safety and nuisance impacts from air blast overpressure, vibrations, fumes, dust or fly rock caused by blasting undertaken on site	Records show that an independent investigation of recorded incidents relating to blasting activities on site, demonstrates that an incident could not have been reasonably prevented through implementation of precautionary measures and that all incidents as a result of blasting, including fly rock occurrences outside of the blast management zone, or complaints related to blasting are investigated and corrective actions closed out within 30 days or as otherwise agreed with the Regulator	Compliant	No public health, safety and nuisance impacts as a result of blasting that could have been reasonably prevented by SIMEC Mining  Fly rock found outside of the blast management zone	Not applicable	Not applicable	No blasting occurred during the 2020 reporting period  No complaints related to blast vibration were received from Iron Knob residents in the reporting period.	Continue to manage blasting in accordance with AS 2187.2  Continue to monitor blast noise and vibration.  Continue to record, investigate and respond to complaints of blast impacts.

Outcome	Outcome measurement criteria (OMC)	OMC compliance status	Target Value	Leading indicator status	Target Value actions summary	Evidence	Forward work plan
	Records of audits, observations and ground vibration monitoring on blasting activities show that blasting is undertaken in accordance with AS 2187.2 2006						
<b>Eyre Highway diversion</b>							
No incidents or accidents involving vehicle traffic associated with the Eyre Highway diversion or IKMA operational traffic that could have been reasonably prevented	Records of independent investigation of all recorded incidents and accidents involving the Eyre Highway diversion and IKMA operational traffic demonstrates that the incident or accident could not have been reasonably prevented through implementation of precautionary measures and that all corrective actions are closed out within 30 days or as otherwise agreed by the Regulator	Compliant	No incidents or accidents involving vehicle traffic associated with the Eyre Highway diversion or IKMA operational traffic that could have been reasonably prevented	Not applicable	Not applicable	No incidents involving the Eyre Highway diversion and operational traffic occurred in the reporting period.	Continue to comply with the Eyre Highway traffic management plan.
<b>Public safety</b>							
No public injuries or death resulting from unauthorised entry to the site that could be reasonably prevented	Records show that an independent investigation of recorded injuries from unauthorised access to the site, demonstrates that an incident could not have been reasonably prevented through implementation of precautionary measures and that 100% of incidences of unauthorised access are investigated and corrective actions closed out within 30 days or as otherwise agreed with the Regulator	Compliant	No public injuries or deaths as a result of unauthorised entry to site that could have been reasonably prevented by SIMEC Mining	Not applicable	Not applicable	No Incidents recorded in the reporting period.	Maintain the perimeter security fence, signage and the IKMA public safety procedures
<b>Adjacent land use and third-party property</b>							
No unauthorised damage to adjacent public or private property or infrastructure from mining operations	Records demonstrate that complaints of unauthorised damage are logged and investigated and all corrective actions are closed out within 30	Compliant	No confirmed damage to adjacent property or infrastructure	Not applicable	Not applicable	No complaints were received concerning damage to adjacent public or private property the reporting period.	Continue to monitor the impact to vegetation from dust. Continued focus on dust control strategies

Outcome	Outcome measurement criteria (OMC)	OMC compliance status	Target Value	Leading indicator status	Target Value actions summary	Evidence	Forward work plan
No adverse impacts to adjacent land use	days of receiving a complaint, or as otherwise agreed with the affected party or the Regulator  Six monthly internal assessment and annual vegetation dust impact assessment (by external consultant) at the vegetation monitoring quadrats (see Figure A-8, PEPR 2017/004) and on neighbouring pastoral properties at locations to be determined as required in consultation with the landholders, demonstrate that impact assessment scores do not exceed an impact score of 4 (from mine derived dust), compared to the replicate control sites, the baseline flora survey report (Bebbington 2012) and previous vegetation monitoring reports					Vegetation Dust Impact Scores in the internal March, July and December 2020 inspection reports recorded improved impact scores 0 except for IKPP2 which remained at impact score 1.  MI376 External annual flora monitoring report (EBS, 2020) recorded results consistent with the internal inspection reports	and compliance to FDR Standard.
<b>Heritage</b>							
No disturbance to Aboriginal artefacts, sites of significance or European heritage unless prior approval under the relevant legislation is obtained	Records demonstrate that discoveries of suspected Aboriginal or European artefacts or remains were left without further disturbance, reported to the authorities and investigated and that work recommenced only after being authorised by the appropriate authority	Compliant	All discoveries of suspected Aboriginal or European artefacts are left without further disturbance, reported to the authorities and investigated with work recommenced only after authorisation from the appropriate authority	Not applicable	Not applicable	No recorded incidents of discovery of suspected Aboriginal or European artefacts.  Heritage clearances are in place	
<b>Traffic</b>							
No incidents or accidents resulting from road/rail traffic accidents associated with IKMA	Records of independent investigation of all recorded incidents and accidents involving IKMA operational traffic, or	Compliant	No incidents or accidents resulting from IKMA operational traffic or	Not applicable	Not applicable	No incidents were recorded in the 2020 reporting period.	Continue to record all road traffic fauna interactions as safety

Outcome	Outcome measurement criteria (OMC)	OMC compliance status	Target Value	Leading indicator status	Target Value actions summary	Evidence	Forward work plan
<p>operations that could have been reasonably prevented</p> <p>No public impacts offsite are caused by drag-out to and from the mine site associated with mine related traffic</p>	<p>IKMA road/rail traffic demonstrates that the incident or accident could not have been reasonably prevented through implementation of precautionary measures and that all corrective actions are closed out within thirty days or as otherwise agreed by the Regulator</p>		<p>IKMA road/rail that could have been reasonably prevented by SIMEC Mining</p>				<p>and environmental incidents.</p>

# 8. Compliance with non-outcome based tenement conditions

Table 7 shows a review of compliance against non-outcome based lease conditions for IKMA.

**Table 7 Compliance against non-outcome based lease conditions**

Lease condition	Compliance status	Evidence	Forward work plan
<p><b>ML 1659 – 1667, ML 2238 – 2239, ML 2240 – 2242, ML 2383 – 2384, ML 2612 – 2614</b></p> <p>ALSO with liberty for the said Lessee and the Lessees agents and workmen in and upon the said land hereby demised to dig sink drive make and use all such pits shafts levels watercourses and other works which it may be necessary to use in seeking for finding winning working and obtaining the metals and minerals not being gold coal or mineral oil therein contained and also to appropriate and use such part of the said lands either underground or on the surface as may be proper and requisite as well for depositing and laying down ores and placing and keeping the waste, refuse and rubbish which may be worked along with them from time to time as for washing and obtaining ores and for effectually separating ores from the soil and other substances mixed with them and for smelting and reducing ores into metal and also for supplying the said mines and works with water or with good and fresh air and for freeing the same from water or foul air and for the purposes aforesaid to erect, make and employ all such fire steam water or other engines, buildings, smelting works, furnaces, women's houses, shops, crushing mills, sheds or hovels machinery and works as may be proper and reasonable together also with liberty for him and them to erect upon the said lands hereby demised smelting works and furnaces hovels and other offices belonging to or necessary for the said works and all other necessary or convenient powers authorities privileges and advantages for all or any of the purposes aforesaid subject to the provisions of 'The Mining Act 1893' and the regulations made in pursuance thereof</p>	Not relevant		
<p>EXCEPT NEVERTHELESS AND ALWAYS RESERVED out of this demise all gold lying upon within under and throughout the said land reservations hereby demised with full liberty power and authority to Her said Majesty Her Heirs and Successors and to the Governor for the time being of the Province aforesaid and all other persons authorised by him to enter upon the said land or any part or parts thereof and there to break the surface to search for work win and obtain the said gold and for that purpose to dig sink drive and make pits shafts drifts headways levels adits soughs trenches huddles fences and sluices and to build and make storehouses huts and stables and other erections and to do all other things tor refining the gold and carrying off and removing all the water slag rubbish and other annoyances and troubles from the works and for the accommodation of the persons employed therein with allowance also of sufficient heap room and ground room for laying placing washing ordering and dressing the gold ores and minerals and that upon the most convenient parts of the said premises and also liberty to make and set up necessary water engines and to turn change or alter the course of water or rivulets on the said land</p>	Not relevant		
<p>TO HAVE AND TO HOLD the said lands hereby demised with all metals and minerals (except and subject as aforesaid) and all and singular the premises with their appurtenances unto the said Lessee from the 13th of June 1899</p>	Noted		
<p>AND PAYING therefor yearly and every year unto Her Majesty Her Heirs and Successors by payments at Her Majesty's Treasury in the City of Adelaide in the said Province rent or sum of two pounds by equal half-yearly payments on the twenty-eighth day of February and the thirty-first day of August in each year</p>	Not relevant		
<p>SECONDLY YIELDING AND PAYING therefor unto Her Majesty Her Heirs and Successors ' on every the twenty-eighth day of February and the thirty-first day of August in each year a further sum equal to Sixpence in the Pound sterling on the net profits obtained from the occupation and working of all mines and the sale of all metal and minerals which shall be obtained from the land hereby demised</p>	Not relevant		



Lease condition	Compliance status	Evidence	Forward work plan
AND the said Lessee doth hereby covenant with Her Majesty Her Heirs and Successors and to and with the said Governor and his assigns and with and to the Governor for the time being of the said Province that the said Lessee Not to use land for other purposes than leased will during the said term pay or cause to be paid to the Treasurer of South Australia for the time being on behalf of Her Majesty Her Heirs and Successors the reserved rent as and when the same shall become due free of all taxes rates impositions and outgoings whatsoever	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
AND will not without the permission of the Minister of Mines in writing during the continuance of the said term use the demised land for any other purpose than that of mining and smelting or otherwise winning from the soil and rendering marketable any metals or minerals other than gold therein contained	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
AND will during the continuance of the term work and carry on such mines in a fair orderly skilful and workmanlike manner.	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
AND ALSO during the term of the lease employ and keep continuously employed not less than one man for every ten (10) acres or portion of ten (10) acres of the land here by demised in mining or prospecting for metals and minerals not being gold coal or mineral oil upon the said land and will whenever thereunto required by the said Minister furnish him with satisfactory evidence that such number of men have been and also employed due allowance being made by the said Minister for machinery or horses employed at the rate of two men for each horsepower	Not relevant		
AND ALSO will whenever lawfully required so to do at the Lessees own cost and in manner required by any regulations for the time being in force in that behalf cause to be made a survey of the area included in this lease and cause to be forwarded to the Department of Mines a map or plan of such survey	Noted	No request for survey received from the Department of Mines	
AND ALSO that it shall be lawful for Her Majesty Her Heirs and Successors and for the Governor for the time being of the said Province and his and their agents and workmen at all proper and reasonable times during the term without any interruption from the said Lessee or the Lessees agents servants or workmen to enter into and upon the premises and into and upon any mines or works that may be found therein to view and examine the condition thereof and whether the same be worked in a proper skilful and workmanlike manner and for such purpose to make use of any of the railroads or other roads or ways machinery and works belonging to such mines and premises	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
AND ALSO that the Lessee will not at any time during the continuance of the term place or leave any waste or dead heaps refuse or rubbish which may be brought out of the said mines and premises near to any river brook or channel of water whereby such waste or dead heaps refuse or rubbish may reasonably be supposed to be liable to be disturbed or carried away by floods or other natural causes	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
AND ALSO will build and keep in proper repair a sufficient and substantial stone wall or other fence round all the pits and shafts which may at any time during the term be open in any part of the demised premises or elsewhere for the purpose of this demise so as effectually to prevent all access thereto by all kinds of cattle	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
AND ALSO will at all times during the continuance of the term keep and preserve the said mines and premises from all unnecessary injury and damage and also all the levels and drafts drifts shafts pits sumps watercourses, houses erections sheds washing-places puddles and other conveniences roads and ways in good order repair and condition and in such state and condition at the end or other sooner determination of the said term deliver peaceable possession thereof	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions

Lease condition	Compliance status	Evidence	Forward work plan
AND ALSO that the Lessee will permit the pastoral Lessee of the lands hereby demised at all times to have free access and user for domestic purposes and for the purpose of watering stock to and of any surface water upon the said land which shall not have been provided or stored by artificial means by the Lessee	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
THAT the Lessee will half yearly in the months of January and July furnish to the Warden of the mining district in which the said demised land is situated a full and true return showing the quantity of stone or ore treated and the quantity of metals and minerals (other than gold or coal) taken from such lands during the preceding half-year	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
AND ALSO will when metals minerals coal or oil are found in paying quantities on the demised land report such finding to a Warden and will observe all the provisions of 'The Mining Act 1893' and will observe and conform to and hold the demised premises according to the several orders and regulations from time to time in force regulating the tenure of Crown lands in South Australia for mineral purposes	Noted		
PROVIDED ALWAYS that this lease shall be liable to forfeiture upon breach of any covenant herein contained to be performed by the said Lessee	Noted		
PROVIDED ALWAYS that if the rent hereby reserved be not paid on or before the days whereupon the same is hereby made payable a penalty of Five Pounds per centum shall be added to such rent and if the said rent and penalty be not paid within one calendar month thereafter a further penalty of Ten Pounds per centum shall be added and if the said rent and such penalties be not paid within one calendar month after such first month the same shall be recoverable by the Minister of Mines by action in any Court of competent jurisdiction	Not relevant		
PROVIDED ALWAYS that if the said rent shall be in arrear and unpaid for more than three calendar months after the day on which the same is payable under this demise it shall be lawful for the Governor to cancel this demise and the said Minister may thereupon insert a notice in the Government Gazette declaring this demise to be forfeited	Noted		
PROVIDED ALWAYS that if the Minister has reason to believe that there has been a breach of any of the covenants or conditions herein contained other than a breach of the covenants for payment of rent or non-compliance with the labour conditions the Minister shall give written notice the said Lessee specifying the covenants or conditions which he has reason to believe are not being complied with and notifying the said Lessee that such lease will be liable to forfeiture at the expiration of one month from the date of sue notice unless in the meantime such covenants or conditions are duly complied with and if at the expiration of such notice such covenants or conditions are not being complied with by the said Lessee the Governor may cancel this demise and the Minister shall thereupon insert a notice in the Government Gazette declaring this demise to be forfeited	Noted		
PROVIDED ALWAYS that a notice of forfeiture so published in the Government Gazette shall be taken to be conclusive evidence that this present demise has been legally cancelled and forfeited	Noted		
PROVIDED ALSO that it shall be lawful for the Governor from time to time to resume any part of the land hereby demised for the purpose of making roads for public utility and convenience	Noted		
PROVIDED LASTLY that the said Lessee shall be at liberty to surrender this lease by giving to the said Minister three calendar months' notice in writing of the Lessees desire or intention so to do and upon payment of all arrears of rent up to the date of such surrender and shall also have power to remove any plant machinery engines or tools from the land so leased at any time prior to the expiry of such notice but shall not nor will remove or interfere with any timber in any mine then upon the demised land.	Noted		

Lease condition	Compliance status	Evidence	Forward work plan
<b>ML 2647, ML 2670 – 2673, ML 2700</b>			
That the lessee will during the said term pay or cause to be paid to the Minister of Mines (hereafter referred to as 'the Minister') at the office of the Department of Mines in the city of Adelaide on behalf of the Government the rent and other sum hereby reserved at the times and in the manner herein before appointed for payment thereof free and clear of all rates taxes impositions outgoings and deductions whatsoever:	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will pay and discharge all rates taxes assessments impositions and outgoings which during the said term shall become payable in respect of the said land and premises:	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will maintain in position during the said term the posts and trenches or piles of stone required by the said regulations to be erected or cut on the said land when the same was pegged out as a claim and in addition thereto will paint legibly on; such posts the number of this lease:	Compliant		
That the lessee will during the said term make construct all mines and do and perform all things authorised by this; lease in a fair orderly skilful and workmanlike manner:	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will during the said term employ and keep constantly employed not less than 1 man for every ten acres or portion of 10 acres except as provided by Regulation No. 125 in mining or prospecting for all metals and minerals except gold in or upon the said land and will whenever thereunto required by the Minister furnish him with satisfactory evidence that such number of men have been and are so employed due allowance being made by the Minister for machinery or horses employed at the rate of two men for each horse or horsepower of machinery:	Not applicable		
That the lessee will make such provision for the disposal of the silt sludge dirt waste or refuse which may be brought out of the said; mines and premises so that the same will not flow or find its way into any stream brook river or water channel or so as to injure or interfere with any land set apart for water supply purposes	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will build and keep in proper repair a sufficient and substantial stone wall or other fence around all the pits and shafts which may at any time during the said term be open in any part of the said land and premises for the purpose of this lease so as effectually to prevent all access thereto by all kinds of cattle:	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will whenever lawfully required so to do at the lessee's own cost and in manner required by any regulations for the time being in force in that behalf cause to be made a survey of the said land and cause to be forwarded to the said Department of Mines a map or plan of such survey	Noted	No request for survey received from the Department of Mines	
That the lessee will at all times during the said term keep and preserve the said mines and premises in good order repair and condition and in such good order repair and condition at the end or other sooner determination of the said term deliver peaceable possession thereof and of all and singular the premises hereby leased unto the Governor or the Minister or to some officer authorised by him or them to receive possession thereof	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will half-yearly in the months of January and July furnish to the Warden of the mining district in which the said land is situated a full and true return showing in respect of the preceding half-year the quantity of stone or ore treated the quantity of metals and minerals taken from the said land and the working expenses incurred in and the gross proceeds and net profits received from the occupation: and working of the said land and the sale of all metals and minerals and if called upon so to do by the Warden will furnish, in addition to the particulars required in the said return a true and faithful copy of the balance-sheet and trading and profit and loss accounts and any other information relative to the occupation and working of the said land;	Compliant		Continue to submit Annual Compliance Reports.

Lease condition	Compliance status	Evidence	Forward work plan
That the lessee will permit the pastoral lessee (if any) of the said land at all times to have free access and user for domestic purposes and for the purposes of watering stock to and of any surface water on the said land which shall not have been provided or stored by artificial means by the lessee:	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will report to a Warden when payable gold is struck or metals precious stones minerals coal shale oil salt or gypsum are found in payable quantities in or upon the said land	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will not during the continuance of the said term without the written consent of the Minister first had and obtained use or occupy or permit to be used or occupied the said land and premises other than for the purpose of exercising the rights and liberties hereinbefore granted	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will not prevent any person who holds a right privilege or authority under the said Acts and regulations or any amendment thereof from exercising the same	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will not during the said term transfer assign sublet or otherwise dispose of or part with the possession of mortgage charge or encumber the said land and premises or any part thereof or do or permit or suffer to be done any act matter or thing whereby the said land and premises or any part thereof shall or may be transferred assigned sublet or otherwise disposed of or the possession thereof parted with or mortgaged charged or encumbered to any person or persons for the whole or any part of the said term without the consent in writing of the Minister first had and obtained for every such purpose	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
Provided always and it is hereby agreed and declared in manner following:- That it shall be lawful for the Governor or the Minister or any person authorised by him or them at all proper and reasonable times during the said term without any interruption from the lessee or the lessee's agents servants or workmen to enter into and upon the said land and premises and into and upon any mines or works that may be found therein to view and examine the condition thereof and whether the same be worked in a proper skilful and workmanlike manner and for such purpose to make use of any of the railroads or other roads or ways machinery and works belonging to the said mines and premises and to examine and take extracts from all books accounts vouchers and documents relating thereto	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That so far as applicable the provisions of the said Act and all regulations made thereunder or any amendment of the said Acts are embodied and incorporated herein and the lessee hereby covenants to observe fulfil and perform the same	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee shall on due performance and observance of the covenants conditions and provisos herein contained be entitled to a renewal from time to time of this lease for any period at each renewal not exceeding twenty-one years from the expiration of this lease or any renewal thereof at the rent for the time being chargeable by law in respect of leases of the same class as this lease and shall be subject to the covenants conditions and provisos prescribed by any Act or regulations for the time being in force relating to leases of the same class as this lease	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That if the said rent be not paid on or before the day hereinbefore appointed for payment thereof a penalty of five pounds per centum shall be added to the said rent and if the said rent and penalty be not paid within one calendar month after the said day a further penalty of ten pounds per centum shall be added and if the said rent and penalties be not paid within one calendar month after the said first month the same shall be recoverable by the Minister by action in any court of competent jurisdiction	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions

Lease condition	Compliance status	Evidence	Forward work plan
That if the lessee shall during the said term commit any breach of or shall fail to comply with any covenant condition or proviso herein contained this lease shall be liable to forfeiture in manner hereinafter provided	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That if the said rent shall be in arrear and unpaid for more than three calendar months after the day on which the same is payable under this lease it shall be lawful for the Governor to cancel this lease and the Minister may thereupon insert a notice in the Government Gazette declaring this lease to be forfeited	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That if the Minister has reason to believe that there has been a breach of or non-compliance with any of the covenants conditions or provisos herein contained other than a breach of the covenant for payment of the said rent or non-compliance with the labour conditions of this lease the Minister shall give written notice to the lessee specifying the covenants conditions or provisos which he has reason to believe are not being complied with and notifying the lessee that this lease will be liable to forfeiture at the expiration of one month from the date of such notice unless in the meantime such covenants conditions or provisos are duly complied with and if at the expiration of such notice such covenants conditions or provisos are still not being complied with by the lessee the Governor may cancel this lease notwithstanding that the rent payable under this lease for the period during which such breach is committed may have been paid and notwithstanding- any implied waiver of such breach by the Governor and the Minister shall thereupon insert a notice in the Government Gazette declaring this lease to be forfeited. In case of a breach of the covenant for payment of the said rent or the non-compliance with the said labour conditions the Governor may exercise the power of cancellation without giving the written notice hereinbefore mentioned:	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That a notice of forfeiture as hereinbefore mentioned in the last two preceding provisos so published in the Government Gazette shall be taken to be conclusive evidence that this lease has been legally cancelled and forfeited:	Noted		
That in case this lease shall become liable to forfeiture the Minister may (except as to any case coming under the operation of section 70 of the said Acts) extend the period during which the lessee may perform the covenants conditions and provisos of this lease for such time and subject to such terms and conditions as the Minister may think fit and the terms and conditions so imposed by the Minister shall bind the lessee and all transferees mortgagees assignees and other persons claiming through or under him and this lease shall thereafter be construed as if the said terms and conditions were inserted therein:	Noted		
That the lessee shall be at liberty to surrender this lease by giving to the Minister three calendar months' notice in writing of the lessee 's desire or intention so to do and upon payment of all arrears of rent up to the date of surrender:	Noted		
And lastly that the lessee shall be at liberty to remove from the said land at any time within- (a) three months of the date of forfeiture or surrender of this lease any plant machinery engines or tools (b) six months from the date of forfeiture or surrender of this lease any ore or other substance mined by virtue of this lease and stacked upon the said land but shall not remove or interfere with any timber in any mine upon the said land.	Noted		
<b>ML 3147 – 3151, ML 3176 – 3177, ML 3481, ML3789 – 3792, ML 4037 – 4039, ML 4429 – 4434, ML 4490, ML 4762 – 4769</b>			
The Lessee will during the said term pay or cause to be paid to the Minister of Mines (hereinafter referred to as 'the Minister') at the office of the Department of Mines in the City of Adelaide on behalf of the Governor the rent and other sum hereby reserved at the times and in the manner hereinbefore appointed for payment thereof free and clear of all rates taxes impositions outgoings and deductions whatsoever	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions

Lease condition	Compliance status	Evidence	Forward work plan
That the Lessee will pay and discharge all rates taxes assessments impositions and outgoings which during the said term shall become payable in respect of the said land and premises	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will maintain in position during the said term the posts and trenches or piles of stone required by the said regulations to be erected or put on the said land when the same was pegged out as a claim and in addition thereto will paint legibly on such posts the number of this lease	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will during the said term make construct and work all mines and so and perform all things authorised by this lease in a fair orderly, skilful and workmanlike manner	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will during the said term employ and keep constantly employed not less than one man for every ten acres or portion of ten acres except as provided by Regulation No. 125 in mining or prospecting for all metals and mineral except gold in or upon the said land and will whenever thereunto requires by the Minister furnish him with satisfactory evidence that such number of men have been and are so employed due allowance being made by the Minister for machinery or horses employed at the rate of two men for each horse or horsepower of machinery	Not relevant		
The Lessee will make such provision for the disposal of silt sludge dirt waste or refuse which may be brought out by the said mines and premises so that the same will not flow or find its way into any stream brook river or water channel or so as to injure or interfere with any land set apart for water supply purposes	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will build and keep in proper repair a sufficient and substantial stone wall or other fence around all the pits and shafts which may at any time during the said term be open in any part of the said land and premises for the purpose of this lease so as effectually to prevent all access thereto by all kinds of cattle	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will whenever lawfully required do to for at the lessee's own cost and in manner required by any regulations for the time being in force in that behalf cause to be made a survey of the said land and cause to be forwarded to the said Department of Mines a map or plan of such survey	Noted	No request for survey received from the Department of Mines	
That the lessee will at all times during the said term keep and preserve the said mines and premises in good order repair and condition and in such good order repair and condition at the end or other sooner determination of the said term deliver peaceable possession thereof and of all and singular the premises hereby leased unto the Governor or the Minister or to some officer authorised by him or them to receive possession thereof	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will permit the pastoral lessee (if any) of the said land at all times to have free access and user for domestic purposes and for the purposes of watering stock to and of any surface water on the said land which shall not have been provided or stored by artificial means by the lessee	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will report to a warden when gold, precious stones, coal, shale oil, salt, gypsum or other minerals, other than iron ore or iron bearing substances, are found in payable quantities in or upon the said land	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will not during the continuance of the said term without the written consent of the Minister first hand and obtained use or occupy or permit to be used or occupied the said land except for the purpose of exercising the rights and liberties hereinbefore granted	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That the lessee will not prevent any person who holds a right privilege or authority under the said Acts and regulations or any amendment thereof from exercising the same:	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions

Lease condition	Compliance status	Evidence	Forward work plan
That it shall be lawful for the Governor or the Minister or any person authorised by him or them at all proper and reasonable times during the said term without any interruption from the lessee or the lessee's agents, servants or workmen to enter into and upon the said land and into and upon any mines or works that may be found therein to view and examine the condition thereof and whether the same be worked in a proper skilful and workmanlike manner and for such purpose to make use of any of the railroads or other roads or ways machinery and works belonging to the said mines and to examine and take extracts from all books accounts vouchers and documents relating thereto	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
That if the said rent be not paid on or before the day hereinbefore appointed for payment thereof a penalty of five pounds per centum shall be added to the said rent and if the said rent and penalty be not paid within one calendar month after the said day a further penalty of ten pounds per centum shall be added and if the said rent and penalties be not paid within one calendar month after the said first month the same shall be recoverable by the Minister by action in any court of competent jurisdiction	Not relevant		
That if the lessee shall during the said term commit any breach of or shall fail to comply with any covenant, condition or proviso herein contained this lease shall be liable to forfeiture in manner hereinafter provided:	Noted		
That if the Minister has reason to believe that there has been a breach of or non-compliance with any of the covenants conditions or provisos herein contained the Minister shall give written notice to the lessee specifying the covenants conditions or provisos which he has reason to believe are not being complied with and notifying the lessee that this lease will be liable to forfeiture at the expiration of one month from the date of such notice unless in the meantime such covenants conditions or provisos are duly complied with and if at the expiration of such notice such covenants conditions or provisos are still not being complied with by the lessee the Governor may cancel this lease notwithstanding that the rent payable under this lease for the period during which such breach is committed may have been paid and notwithstanding any implied waiver of such breach by the Governor and the Minister shall thereupon insert a notice in the Government Gazette declaring this lease to be forfeited	Noted		
That a notice of forfeiture so published in the Government Gazette shall be taken to be conclusive evidence that this lease has been legally cancelled and forfeited	Noted		
That in case this lease shall become liable to forfeiture the Minister may extend the period during which the lessee may perform the covenants conditions and provisos of this lease for such time and subject during such period of extension to such terms and conditions as the Minister may think fit	Noted		
That the lessee shall be at liberty to surrender this lease by giving to the Minister three calendar months' notice in writing of the lessee's desire or intention so to do and upon payment of all arrears of rent up to the date of surrender	Noted		
And lastly that the lessee shall be at liberty to remove from the said land at any time within- (a) three months after the date of forfeiture or surrender of this lease any improvements plant machinery engines or tools; (b) six months after the date of forfeiture or surrender of this lease any metals and minerals except gold won by the lessee stacked upon the said land but shall not remove or interfere with any timber in any mine upon the said land.	Noted		
<b>ML 6429, ML 6430</b>			
<i>First Schedule</i>			
1. Mining operations authorised by this lease must only be for the recovery of Iron Ore from this lease as outlined in the mining lease proposal document WPC-102 dated 25 September 2013.	Compliant		

Lease condition	Compliance status	Evidence	Forward work plan
2. Processing of ore from other authorised tenement(s) associated with the mining operation known as Iron Knob mining area is permitted on this lease.	Noted		
3. The Lessee agrees to the approved PEPR (section 70B(5)) and the Compliance report (regulation 86) and any reportable incident reports (Regulation 87) being made available for public inspection.	Agreed		
4. In accordance with Regulation 90(1) the Lessee must, prior to commencing operations under this Lease and for the duration of the lease maintain public liability insurance to cover all operations under the Lease in the name of the Lessee for a sum not less than \$50 million per occurrence and unlimited in annual aggregate or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may require.	Compliant		
5. In requesting a review of the bond required under the Mining Act 1971, the Minister may request that written quotes from an independent third party approved by the Minister are obtained by the Lessee for the cost of rehabilitating the site to the requirements specified in the approved Program under Regulation 65(2).	Noted		
6. The Lessee must meet all the charges and costs in obtaining and maintaining the Bond.	Noted		
<i>Second Schedule</i>			
<p>1. For the purposes of preparation of the program for Environment Protection and Rehabilitation under Section 70B(2) and associated Regulations of the Mining Act 1971, the following environmental and rehabilitation outcomes must be included:</p> <p><u>Visual amenity</u> The Lessee must, in constructing and operating the Lease, ensure that the form and contrasting and reflective aspects of waste dumps are visually softened to blend in with the surrounding landscape.</p> <p><u>Blasting</u> The Lessee must, in constructing and operating the Lease, ensure that there are no public health and/or nuisance impacts on local residents from airblast, flyrock and vibration caused by blasting.</p> <p><u>Air quality</u> The Lessee must, in constructing and operating the Lease, ensure that that there are no public health and/or nuisance impacts on local residents from air emissions, dust and odour generated by mining operations.</p> <p><u>Public Safety</u> The Lessee must, in constructing and operating the Lease, ensure that unauthorised entry to the site does not result in public injuries and or deaths that could have been reasonably prevented.</p> <p><u>Traffic</u> The Lessee must, in constructing and operating the Lease, ensure that no public impacts offsite are caused by, noise, dust and/or drag-out to and from the mine-site associated with mine related traffic.</p> <p><u>Adjacent land use</u> The Lessee must, in constructing and operating the Lease, ensure that there are no adverse impacts to adjacent land use.</p> <p><u>Protection of third part property</u> The Lessee must, in constructing and operating the Lease, ensure that there is no unauthorised damage (including that caused by fire) to adjacent public or private property and infrastructure.</p> <p><u>Aboriginal and European heritage</u> The Lessee must, in constructing and operating the Lease, ensure that there is no disturbance to Aboriginal or European sites, objects or remains unless prior approval under the relevant legislation is obtained.</p> <p><u>Native vegetation</u> The Lessee must, in constructing and operating the Lease, ensure no loss of abundance or diversity of native vegetation on or off the Lease through:</p>	Compliant	Operations operated in compliance with PEPR2017/004	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions



Lease condition	Compliance status	Evidence	Forward work plan
<ul style="list-style-type: none"> <li>• clearance</li> <li>• dust/contaminant deposition</li> <li>• fire, or</li> <li>• other damage</li> </ul> <p>unless prior approval under relevant legislation is obtained.</p> <p><u>Weeds and pests (feral animals)</u>  The Lessee must, in constructing and operating the Lease, ensure no new introduction of new species of weeds, plant pathogens or pests (including feral animals), nor sustained abundance of existing weeds or pest species in the Lease compared to adjoining land.  <i>Note: Weeds are defined in this condition as any invasive plant that threatens native vegetation in the local area or any species recognised as invasive in South Australia.</i></p> <p><u>Soil</u>  The Lessee must, in constructing and operating the Lease, ensure that the existing soil quality and quantity is maintained.</p> <p><u>Stormwater</u>  The Lessee must, in constructing and operating the Lease, ensure no water contaminated as a result of mining activities leaves the Lease area or results in loss or contamination of soil on or off the Lease.</p> <p><u>Flooding/runoff</u>  The Lessee must, in constructing and operating the Lease, ensure no water runoff from the Lease results in flooding of adjacent areas, to an extent greater than that that could reasonably be expected to occur prior to mining operations being established on the Lease.</p> <p><u>Mine rehabilitation</u>  The Lessee must demonstrate to the satisfaction of the Director of Mines that the following mine closure outcomes (insofar as they may be affected by mining operations) are expected to be achieved and sustained after mine closure:</p> <ul style="list-style-type: none"> <li>• Integrate and harmonise final landforms and vegetation with the surrounding landscape.</li> <li>• The risks to the health and safety of the public, native fauna and livestock are as low as reasonably practical.</li> <li>• Where practical, re-establishment of the pre-mining ecosystem and landscape function.</li> <li>• The site is physically stable.</li> <li>• No compromise of the quality and quantity of ground or surface water to existing users and water dependent ecosystems.</li> <li>• All waste materials left on site are chemically and physically stable.</li> <li>• No industrial or commercial waste left onsite.</li> <li>• Where practical, pre-mining land use is re-established.</li> </ul>			
<p><i>Other Environmental Conditions</i></p> <p>2. Progressive rehabilitation  The Lessee must undertake rehabilitation of mining operations in accordance with an integrated mining and rehabilitation plan as approved in the PEPR</p>	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>3. Landholder liaison  The Lessee must ensure that the occupier of the land is fully advised of their program of activities, particularly in regard to the impact of operations on the land and rehabilitation progress.</p>	Compliant		

Lease condition	Compliance status	Evidence	Forward work plan
<p>4. Other legislation</p> <p>The above environmental outcomes do not derogate from the operation of any other Acts that may be applicable to this operation including (but not limited to):</p> <ul style="list-style-type: none"> <li>• <i>Aboriginal Heritage Act 1988</i></li> <li>• <i>Environment Protection Act 1993</i></li> <li>• <i>Natural Resources Management Act 2004</i></li> </ul>	Noted		
<b>MPL 45</b>			
<p>2. IT IS HEREBY FURTHER AGREED AND DECLARED between the parties hereto that the licence is granted upon the further conditions set out hereunder:</p> <ol style="list-style-type: none"> <li>1) The Licensee shall pay to the Minister the licence fee at the offices of the Department of Mines and Energy in the State of South Australia:</li> <li>2) The Licensee may enter upon the land and do all things effective in pursuance or ancillary to the purpose for which this licence is granted and do such things in a fair, orderly, skilful and workmanlike manner:</li> <li>3) The Licensee will pay and discharge all rates, taxes, assessments, impositions and outgoings which shall become payable in respect of the land:</li> <li>4) The Licensee shall comply with the provisions of the Act and the Regulations, and the provisions of any other Act and regulations for the time being in force relating to the use, enjoyment or occupation of mineral lands:</li> <li>5) The Licensee shall do such things in pursuance of this licence in such a manner so as (a) to prevent pollution to or contamination of surface or underground waters, and (b) to minimise surface damage to the land:</li> <li>6) The Licensee shall ensure that, in drilling or other underground investigations, no interconnection between groundwater aquifers occurs:</li> <li>7) The Licensee shall permit the Minister or the Director, or any person duly appointed by either of them at all reasonable times to enter upon the land and survey and examine the condition thereof:</li> <li>8) The Licensee shall, in using and exercising the licence hereby granted, take all necessary action to afford adequate protection against detriment resulting from the conduct of operations in pursuance of the licence:</li> <li>9) The Licensee shall perform and comply with all of the conditions set out in Schedule C attached hereto.</li> </ol>	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>3. Any notice to be given to or demand to be made upon the Licensee by or on behalf of the Minister shall be deemed to be duly given or made if the same be left at or sent through the post in a prepaid envelope addressed to the Licensee at the address of the Licensee shown in the Mining Register and any such mode of service shall in all respects be valid and effectual and any such notice or demand if sent through the post as aforesaid shall be deemed to have been received by the Licensee within three days following the day on which the envelope containing such notice or demand is posted.</p>	Noted		
<p>4. In the construction of these presents each and every word, term or expression defined in the Act shall have the same meaning where used in this licence, the masculine shall include the feminine, words importing persons shall include corporations, and the singular shall include the plural when the context or circumstances require and unless inconsistent with or repugnant to the context the following words shall have the meanings set opposite to them respectively:</p> <ol style="list-style-type: none"> <li>(i) 'amendment' includes an addition, excision or substitution;</li> <li>(ii) 'the Act' means the Mining Act, 1971, as amended, together with any amendment thereof;</li> <li>(iii) 'the Director' means the Director of Mines;</li> <li>(iv) 'the land' includes any part thereof;</li> </ol>	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions

Lease condition	Compliance status	Evidence	Forward work plan
(v) 'the Licensee' means and includes: (aa) in the case of a natural person the executors, administrators and assigns of that person; (bb) in the case of a body corporate the successors, administrators or permitted assigns thereof; (vi) 'the Minister' means the Minister of Mines and Energy, being a corporation sole pursuant to the provisions of the Act; (vii) 'the Regulations' means the Regulations under the Act in force for the time being; (viii) 'the term' includes any renewal or extension thereof. <i>Schedule B</i>			
1. Waste rock may be stockpiled within the tenement in a manner described in a development plan approved in writing by the Chief Inspector of Mines.  <i>Schedule C</i>	Noted		
2. Rehabilitation of land disturbed by operations authorised ion Schedule B above, including rehabilitation of the stockpiles must be in accordance with a programme approved in writing by the Chief Inspector of Mines.	Noted		
<b>MPL 142</b>			
<i>First Schedule</i>			
1.The Miscellaneous Purposes Licence (MPL) is granted for the purpose of: Iron Princess waste rock dumps and bunds, environmental monitoring, access roads, perimeter fencing, stormwater management infrastructure, Eyre Highway traffic management, water infrastructure and operations ancillary to mining in association with mining operations at the Iron Knob Mining Area authorised under mining tenement(s) ML 4762, ML 4765, ML 3148, ML 1660, ML 4039, ML 1666, ML 2241, ML 2612, ML 4430, ML 3149, ML 2239, ML 4037, ML 2384, ML 2647, ML 4766, ML 3481, ML 3792, ML 4763, ML 4432, ML 1662, ML 1665, ML 2242, ML 3790, ML 2614, ML 2238, ML 2240, ML 3150, ML 3177, ML 4764, ML 4429, ML 3147, ML 3151, ML 1664, ML 4431, ML 2672, ML 4769, ML 2613, ML 2700, ML 1659, ML 2383, ML 4490, ML 3791, ML 4433, ML 1663, ML 4768, MPL 45, ML 2670, ML 3789, ML 4038, ML 1667, ML 4767, ML 3176, ML 2671, ML 1661, ML 2673, ML 4434, as outlined in the miscellaneous purposes licence proposal document dated 25 September 2013	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
2. In accordance with Regulation 86(1)(a) the Licensee must provide a Compliance report every year, within 2 months after the anniversary of the date the Licence was granted, or at some other time agreed with the Minister.	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
3.The Licensee agrees to the approved PEPR (section 70B(5)) and the Compliance report (regulation 86) and any reportable incident reports (regulation 87) being made available for public inspection	Agreed		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
4.In accordance with Regulation 90(1) the Licensee must, prior to commencing operations under this Licence and for the duration of the lease maintain public liability insurance to cover all operations under the Licence (including sudden and accidental pollution) in the name of the Licensee for a sum not less than \$20 million or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may require	Compliant	Public liability insurance maintained to a value stipulated by the Director of Mines not less than \$20 million See Appendix A.	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
5.In requesting a review of the bond required under the Mining Act 1971 the Minister may request that written quotes from an independent third party approved by the Minister are obtained by the Licensee for the cost of rehabilitating the site to the requirements specified in the approved Program under Regulation 65(2).	Noted	The Minister has made no request for independent quotes for rehabilitation costs to date	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions

Lease condition	Compliance status	Evidence	Forward work plan
6. The Licensee must meet all the charges and costs in obtaining and maintaining the Bond.	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p><i>Second Schedule</i></p> <p>1. For the purposes of preparation of the program for Environment Protection and Rehabilitation under Section 70B(2) and associated Regulations of the Mining Act 1971, the following environmental and rehabilitation outcomes must be included:</p> <p><u>Visual amenity</u> The Licensee must, in constructing and operating the Licence, ensure that the form and contrasting and reflective aspects of waste dumps are visually softened to blend in with the surrounding landscape.</p> <p><u>Blasting</u> The Licensee must, in constructing and operating the Licence, ensure that there are no public health and/or nuisance impacts from airblast, flyrock and vibration caused by blasting.</p> <p><u>Air quality</u> The Licensee must, in constructing and operating the Licence, ensure that that there are no public health and/or nuisance impacts to local residents from air emissions, dust and odour generated by mining operations.</p> <p><u>Public Safety</u> The Licensee must, in constructing and operating the Licence, ensure that unauthorised entry to the site does not result in public injuries and or deaths that could have been reasonably prevented.</p> <p><u>Traffic</u> The Licensee must, in constructing and operating the Licence, ensure that no public impacts offsite are caused by, noise, dust and/or drag-out to and from the mine-site associated with mine related traffic.</p> <p><u>Adjacent land use</u> The Licensee must, in constructing and operating the Licence, ensure that there are no adverse impacts to adjacent land use.</p> <p><u>Protection of third part property</u> The Licensee must, in constructing and operating the Licence, ensure that there is no unauthorised damage (including that caused by fire) to adjacent public or private property and infrastructure.</p> <p><u>Aboriginal and European heritage</u> The Licensee must, in constructing and operating the Licence, ensure that there is no disturbance to Aboriginal or European sites, objects or remains unless prior approval under the relevant legislation is obtained.</p> <p><u>Native vegetation</u> The Licensee must, in constructing and operating the Licence, ensure no loss of abundance or diversity of native vegetation on or off the Licence through:</p> <ul style="list-style-type: none"> <li>• clearance</li> <li>• dust/contaminant deposition</li> <li>• fire, or</li> <li>• other damage</li> </ul> <p>unless prior approval under relevant legislation is obtained.</p> <p><u>Weeds and pests (feral animals)</u> The Licensee must, in constructing and operating the Licence, ensure no introduction of new species of weeds, plant pathogens or pests (including feral animals), nor sustained abundance of existing weds or pest species in the Licence compared to adjoining land.</p>	Compliant	Operations operated in compliance with PEPR2017/004	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions

Lease condition	Compliance status	Evidence	Forward work plan
<p><i>Note: Weeds are defined in this condition s any invasive plant that threatens native vegetation in the local area or any species recognised as invasive in South Australia.</i></p> <p><u>Soil</u> The Licensee must, in constructing and operating the Licence, ensure that the existing soil quality and quantity is maintained.</p> <p><u>Stormwater</u> The Licensee must, in constructing and operating the Licence, ensure no water contaminated as a result of mining operations leaves the Licence area or results in loss or contamination of soil on or off the Licence.</p> <p><u>Flooding/runoff</u> The Licensee must, in constructing and operating the Licence, ensure no water runoff from the Licence results in flooding of adjacent areas, to an extent greater than that that could reasonably be expected to occur prior to mining operations being established on the Licence.</p> <p><u>Mine rehabilitation</u> The Licensee must demonstrate to the satisfaction of the Director of Mines that the following mine closure outcomes (insofar as they may be affected by mining operations) are expected to be achieved and sustained after mine closure:</p> <ul style="list-style-type: none"> <li>• Integrate and harmonise final landforms and vegetation with the surrounding landscape.</li> <li>• The risks to the health and safety of the public, native fauna and livestock are as low as reasonably practical.</li> <li>• Where practical, re-establishment of the pre-mining ecosystem and landscape function.</li> <li>• The site is physically stable.</li> <li>• No compromise of the quality and quantity of ground or surface water to existing users and water dependent ecosystems.</li> <li>• All waste materials left on site are chemically and physically stable.</li> <li>• No industrial or commercial waste left onsite.</li> <li>• Where practical, pre-mining land use is re-established.</li> </ul>			
<p><i>Other Environmental Conditions</i></p>			
<p>2. Progressive rehabilitation The Licensee must undertake rehabilitation of mining operations in accordance with an integrated mining and rehabilitation plan as approved in the PEPR</p>	Compliant	See Section 10	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>3. Landholder liaison The Licensee must ensure that the occupier of the land is fully advised of their program of activities, particularly in regard to the impact of operations on the land and rehabilitation progress.</p>	Compliant	See Section 19	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>4. DPTI (transport Services) Deed of Agreement The Licensee must, prior to commencing operations under this Licence and for the duration of the Licence maintain a Deed of Agreement with the Commissioner of Highways (Highways Act 1926).</p>			
<p>5. Other legislation The above environmental outcomes do not derogate from the operation of any other Acts that may be applicable to this operation including (but not limited to):</p> <ul style="list-style-type: none"> <li>• <i>Aboriginal Heritage Act 1988</i></li> <li>• <i>Environment Protection Act 1993</i></li> <li>• <i>Natural Resources Management Act 2004</i></li> </ul>	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions

Lease condition	Compliance status	Evidence	Forward work plan
<b>MPL 143</b>			
<i>First Schedule</i>			
1. The Miscellaneous Purposes Licence (MPL) is granted for the purpose of: Perimeter fencing, access tracks, environmental monitoring and operations ancillary to mining in association with the mining operation known as Iron Knob Mining Area authorised under mining tenement(s) ML 4762, ML 4765, ML 3148, ML 1660, ML 4039, ML 1666, ML 2241, ML 2612, ML 4430, ML 3149, ML 2239, ML 4037, ML 2384, ML 2647, ML 4766, ML 3481, ML 3792, ML 4763, ML 4432, ML 1662, ML 1665, ML 2242, ML 3790, ML 2614, ML 2238, ML 2240, ML 3150, ML 3177, ML 4764, ML 4429, ML 3147, ML 3151, ML 1664, ML 4431, ML 2672, ML 4769, ML 2613, ML 2700, ML 1659, ML 2383, ML 4490, ML 3791, ML 4433, ML 1663, ML 4768, MPL 45, ML 2670, ML 3789, ML 4038, ML 1667, ML 4767, ML 3176, ML 2671, ML 1661, ML 2673, ML 4434, as outlined in the miscellaneous purposes licence proposal document dated 25 September 2013	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
2. In accordance with Regulation 86(1)(a) the Licensee must provide a Compliance report every year, within 2 months after the anniversary of the date the Licence was granted, or at some other time agreed with the Minister.	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
3. The Licensee agrees to the approved PEPR (section 70B(5)) and the Compliance report (Regulation 86) and any reportable incident reports (Regulation 87) being made available for public inspection	Agreed		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
4. In accordance with Regulation 90(1) the Licensee must, prior to commencing operations under this Licence and for the duration of the lease maintain public liability insurance to cover all operations under the Licence (including sudden and accidental pollution) in the name of the Licensee for a sum not less than \$20 million or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may require	Compliant	Public liability insurance maintained to a value stipulated by the Director of Mines not less than \$20 million See Appendix A.	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
5. In requesting a review of the bond required under the Mining Act 1971 the Minister may request that written quotes from an independent third party approved by the Minister are obtained by the Licensee for the cost of rehabilitating the site to the requirements specified in the approved Program under Regulation 65(2).	Noted	The Minister has made no request for independent quotes for rehabilitation costs to date	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
6. The Licensee must meet all the charges and costs in obtaining and maintaining the Bond.	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<i>Second Schedule</i>			
1. For the purposes of preparation of the program for Environment Protection and Rehabilitation under Section 70B(2) and associated Regulations of the Mining Act 1971, the following environmental and rehabilitation outcomes must be included: <u>Visual amenity</u> The Lessee must, in constructing and operating the Licence, ensure that the form and contrasting and reflective aspects of waste dumps are visually softened to blend in with the surrounding landscape. <u>Blasting</u> The Lessee must, in constructing and operating the Licence, ensure that there are no public health and/or nuisance impacts from airblast, flyrock and vibration caused by blasting. <u>Air quality</u> The Licensee must, in constructing and operating the Licence, ensure that that there are no public health and/or nuisance impacts to local residents from air emissions, dust and odour generated by mining operations. <u>Public safety</u>	Compliant	Operations operated in compliance with PEPR2017/004	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions

Lease condition	Compliance status	Evidence	Forward work plan
<p>The Licensee must, in constructing and operating the Licence, ensure that unauthorised entry to the site does not result in public injuries and or deaths that could have been reasonably prevented.</p> <p><u>Traffic</u> The Licensee must, in constructing and operating the Licence, ensure that no public impacts offsite are caused by, noise, dust and/or drag-out to and from the mine-site associated with mine related traffic.</p> <p><u>Adjacent land use</u> The Licensee must, in constructing and operating the Licence, ensure that there are no adverse impacts to adjacent land use.</p> <p><u>Protection of third part property</u> The Licensee must, in constructing and operating the Licence, ensure that there is no unauthorised damage (including that caused by fire) to adjacent public or private property and infrastructure.</p> <p>Aboriginal and European heritage The Licensee must, in constructing and operating the Licence, ensure that there is no disturbance to Aboriginal or European sites, objects or remains unless prior approval under the relevant legislation is obtained.</p> <p><u>Native vegetation</u> The Licensee must, in constructing and operating the Licence, ensure no loss of abundance or diversity of native vegetation on or off the Licence through:</p> <ul style="list-style-type: none"> <li>• clearance</li> <li>• dust/contaminant deposition</li> <li>• fire, or</li> <li>• other damage</li> </ul> <p>unless prior approval under relevant legislation is obtained.</p> <p><u>Weeds and pests (feral animals)</u> The Licensee must, in constructing and operating the Licence, ensure no introduction of new species of weeds, plant pathogens or pests (including feral animals), nor sustained abundance of existing weds or pest species in the Licence compared to adjoining land.</p> <p><i>Note: Weeds are defined in this condition s any invasive plant that threatens native vegetation in the local area or any species recognised as invasive in South Australia.</i></p> <p><u>Soil</u> The Licensee must, in constructing and operating the Licence, ensure that the existing soil quality and quantity is maintained.</p> <p><u>Stormwater</u> The Licensee must, in constructing and operating the Licence, ensure no water contaminated as a result of mining operations leaves the Licence area or results in loss or contamination of soil on or off the Licence.</p> <p><u>Flooding/runoff</u> The Licensee must, in constructing and operating the Licence, ensure no water runoff from the Licence results in flooding of adjacent areas, to an extent greater than that that could reasonably be expected to occur prior to mining operations being established on the Licence.</p> <p><u>Mine rehabilitation</u> The Licensee must demonstrate to the satisfaction of the Director of Mines that the following mine closure outcomes (insofar as they may be affected by mining operations) are expected to be achieved and sustained after mine closure:</p> <ul style="list-style-type: none"> <li>• Integrate and harmonise final landforms and vegetation with the surrounding landscape.</li> <li>• The risks to the health and safety of the public, native fauna and livestock are as low as reasonably practical.</li> </ul>			

Lease condition	Compliance status	Evidence	Forward work plan
<ul style="list-style-type: none"> <li>Where practical, re-establishment of the pre-mining ecosystem and landscape function.</li> <li>The site is physically stable.</li> <li>No compromise of the quality and quantity of ground or surface water to existing users and water dependent ecosystems.</li> <li>All waste materials left on site are chemically and physically stable.</li> <li>No industrial or commercial waste left onsite.</li> <li>Where practical, pre-mining land use is re-established.</li> </ul>			
<i>Other Environmental Conditions</i>			
<p>2. Progressive rehabilitation</p> <p>The Licensee must undertake rehabilitation of mining operations in accordance with an integrated mining and rehabilitation plan as approved in the PEPR</p>	Compliant	See Section 10	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>3. Landholder liaison</p> <p>The Licensee must ensure that the occupier of the land is fully advised of their program of activities, particularly in regard to the impact of operations on the land and rehabilitation progress.</p>	Compliant	See Section 19	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>4. Other legislation</p> <p>The above environmental outcomes do not derogate from the operation of any other Acts that may be applicable to this operation including (but not limited to):</p> <ul style="list-style-type: none"> <li><i>Aboriginal Heritage Act 1988</i></li> <li><i>Environment Protection Act 1993</i></li> <li><i>Natural Resources Management Act 2004</i></li> </ul>	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<b>MPL 144</b>			
<i>First Schedule</i>			
<p>1. The Miscellaneous Purposes Licence (MPL) is granted for the purpose of:</p> <p>Access roads and tracks, services corridor including rail, environmental monitoring, perimeter fencing, haul roads water infrastructure and operations ancillary to mining in association with the mining operation known as Iron Knob Mining Area authorised under mining tenement(s) ML 4762, ML 4765, ML 3148, ML 1660, ML 4039, ML 1666, ML 2241, ML 2612, ML 4430, ML 3149, ML 2239, ML 4037, ML 2384, ML 2647, ML 4766, ML 3481, ML 3792, ML 4763, ML 4432, ML 1662, ML 1665, ML 2242, ML 3790, ML 2614, ML 2238, ML 2240, ML 3150, ML 3177, ML 4764, ML 4429, ML 3147, ML 3151, ML 1664, ML 4431, ML 2672, ML 4769, ML 2613, ML 2700, ML 1659, ML 2383, ML 4490, ML 3791, ML 4433, ML 1663, ML 4768, MPL 45, ML 2670, ML 3789, ML 4038, ML 1667, ML 4767, ML 3176, ML 2671, ML 1661, ML 2673, ML 4434, as outlined in the miscellaneous purposes licence proposal document dated 25 September 2013</p>	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>2. In accordance with Regulation 86(1)(a) the Licensee must provide a Compliance report every year, within 2 months after the anniversary of the date the Licence was granted, or at some other time agreed with the Minister.</p>	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>3. The Licensee agrees to the approved PEPR (section 70B(5)) and the Compliance report (Regulation 86) and any reportable incident reports (Regulation 87) being made available for public inspection.</p>	Agreed		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions



Lease condition	Compliance status	Evidence	Forward work plan
4. In accordance with Regulation 90(1) the Licensee must, prior to commencing operations under this Licence and for the duration of the lease maintain public liability insurance to cover all operations under the Licence (including sudden and accidental pollution) in the name of the Licensee for a sum not less than \$20 million or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may require	Compliant	Public liability insurance maintained to a value stipulated by the Director of Mines not less than \$20 million See Appendix A.	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
5. In requesting a review of the bond required under the Mining Act 1971 the Minister may request that written quotes from an independent third party approved by the Minister are obtained by the Licensee for the cost of rehabilitating the site to the requirements specified in the approved Program under Regulation 65(2).	Noted	The Minister has made no request for independent quotes for rehabilitation costs to date	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
6. The Licensee must meet all the charges and costs in obtaining and maintaining the Bond.	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<i>Second Schedule</i>			
<p>1. For the purposes of preparation of the program for Environment Protection and Rehabilitation under Section 70B(2) and associated Regulations of the Mining Act 1971, the following environmental and rehabilitation outcomes must be included:</p> <p><u>Visual amenity</u> The Lessee must, in constructing and operating the Licence, ensure that the form and contrasting and reflective aspects of waste dumps are visually softened to blend in with the surrounding landscape.</p> <p><u>Blasting</u> The Lessee must, in constructing and operating the Licence, ensure that there are no public health and/or nuisance impacts from airblast, flyrock and vibration caused by blasting.</p> <p><u>Air quality</u> The Licensee must, in constructing and operating the Licence, ensure that that there are no public health and/or nuisance impacts to local residents from air emissions, dust and odour generated by mining operations.</p> <p><u>Public Safety</u> The Licensee must, in constructing and operating the Licence, ensure that unauthorised entry to the site does not result in public injuries and or deaths that could have been reasonably prevented.</p> <p><u>Traffic</u> The Licensee must, in constructing and operating the Licence, ensure that no public impacts offsite are caused by, noise, dust and/or drag-out to and from the mine-site associated with mine related traffic.</p> <p><u>Adjacent land use</u> The Licensee must, in constructing and operating the Licence, ensure that there are no adverse impacts to adjacent land use.</p> <p><u>Protection of third part property</u> The Licensee must, in constructing and operating the Licence, ensure that there is no unauthorised damage (including that caused by fire) to adjacent public or private property and infrastructure.</p> <p><u>Aboriginal and European heritage</u> The Licensee must, in constructing and operating the Licence, ensure that there is no disturbance to Aboriginal or European sites, objects or remains unless prior approval under the relevant legislation is obtained.</p> <p><u>Native vegetation</u> The Licensee must, in constructing and operating the Licence, ensure no loss of abundance or diversity of native vegetation on or off the Licence through:</p> <ul style="list-style-type: none"> <li>• clearance</li> <li>• dust/contaminant deposition</li> </ul>	Compliant	Operations operated in compliance with PEPR2017/004	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions

Lease condition	Compliance status	Evidence	Forward work plan
<ul style="list-style-type: none"> <li>• fire, or</li> <li>• other damage</li> </ul> <p>unless prior approval under relevant legislation is obtained.</p> <p><u>Weeds and pests (feral animals)</u> The Licensee must, in constructing and operating the Licence, ensure no introduction of new species of weeds, plant pathogens or pests (including feral animals), nor sustained abundance of existing weeds or pest species in the Licence compared to adjoining land. <i>Note: Weeds are defined in this condition as any invasive plant that threatens native vegetation in the local area or any species recognised as invasive in South Australia.</i></p> <p><u>Soil</u> The Licensee must, in constructing and operating the Licence, ensure that the existing soil quality and quantity is maintained.</p> <p><u>Stormwater</u> The Licensee must, in constructing and operating the Licence, ensure no water contaminated as a result of mining operations leaves the Licence area or results in loss or contamination of soil on or off the Licence.</p> <p><u>Flooding/runoff</u> The Licensee must, in constructing and operating the Licence, ensure no water runoff from the Licence results in flooding of adjacent areas, to an extent greater than that that could reasonably be expected to occur prior to mining operations being established on the Licence.</p> <p><u>Mine rehabilitation</u> The Licensee must demonstrate to the satisfaction of the Director of Mines that the following mine closure outcomes (insofar as they may be affected by mining operations) are expected to be achieved and sustained after mine closure:</p> <ul style="list-style-type: none"> <li>• Integrate and harmonise final landforms and vegetation with the surrounding landscape.</li> <li>• The risks to the health and safety of the public, native fauna and livestock are as low as reasonably practical.</li> <li>• Where practical, re-establishment of the pre-mining ecosystem and landscape function.</li> <li>• The site is physically stable.</li> <li>• No compromise of the quality and quantity of ground or surface water to existing users and water dependent ecosystems.</li> <li>• All waste materials left on site are chemically and physically stable.</li> <li>• No industrial or commercial waste left onsite.</li> <li>• Where practical, pre-mining land use is re-established.</li> </ul>			
<p><b>Other Environmental Conditions</b></p>			
<p>2. Progressive rehabilitation The Licensee must undertake rehabilitation of mining operations in accordance with an integrated mining and rehabilitation plan as approved in the PEPR</p>	Compliant	See Section 10	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>3. Landholder liaison The Licensee must ensure that the occupier of the land is fully advised of their program of activities, particularly in regard to the impact of operations on the land and rehabilitation progress.</p>	Compliant	See Section 19	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions

Lease condition	Compliance status	Evidence	Forward work plan
<p>4. Other legislation</p> <p>The above environmental outcomes do not derogate from the operation of any other Acts that may be applicable to this operation including (but not limited to):</p> <ul style="list-style-type: none"> <li>• <i>Aboriginal Heritage Act 1988</i></li> <li>• <i>Environment Protection Act 1993</i></li> <li>• <i>Natural Resources Management Act 2004</i></li> </ul>	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<b>MPL 145</b>			
<i>First Schedule</i>			
<p>The Miscellaneous Purposes Licence (MPL) is granted for the purpose of: Waste rock dumps, environmental monitoring, perimeter fencing, access tracks, water infrastructure, stormwater management infrastructure and operations ancillary to mining in association with the mining operation known as Iron Knob Mining Area authorised under mining tenements ML 4762, ML 4765, ML 3148, ML 1660, ML 4039, ML 1666, ML 2241, ML 2612, ML 4430, ML 3149, ML 2239, ML 4037, ML 2384, ML 2647, ML 4766, ML 3481, ML 3792, ML 4763, ML 4432, ML 1662, ML 1665, ML 2242, ML 3790, ML 2614, ML 2238, ML 2240, ML 3150, ML 3177, ML 4764, ML 4429, ML 3147, ML 3151, ML 1664, ML 4431, ML 2672, ML 4769, ML 2613, ML 2700, ML 1659, ML 2383, ML 4490, ML 3791, ML 4433, ML 1663, ML 4768, MPL 45, ML 2670, ML 3789, ML 4038, ML 1667, ML 4767, ML 3176, ML 2671, ML 1661, ML 2673, ML 4434, as outlined in the miscellaneous purposes licence proposal document dated 25 September 2013</p>	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>2. In accordance with Regulation 86(1)(a) the Licensee must provide a Compliance report every year, within 2 months after the anniversary of the date the Licence was granted, or at some other time agreed with the Minister.</p>	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>3. The Licensee agrees to the approved PEPR (section 70B(5)) and the Compliance report (Regulation 86) and any reportable incident reports (Regulation 87) being made available for public inspection</p>	Agreed		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>4. In accordance with Regulation 90(1) the Licensee must, prior to commencing operations under this Licence and for the duration of the lease maintain public liability insurance to cover all operations under the Licence (including sudden and accidental pollution) in the name of the Licensee for a sum not less than \$20 million or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may require.</p>	Compliant	Public liability insurance maintained to a value stipulated by the Director of Mines not less than \$20 million See Appendix A	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>5. In requesting a review of the bond required under the Mining Act 1971 the Minister may request that written quotes from an independent third party approved by the Minister are obtained by the Licensee for the cost of rehabilitating the site to the requirements specified in the approved Program under Regulation 65(2).</p>	Noted	The Minister has made no request for independent quotes for rehabilitation costs to date	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>6. The Licensee must meet all the charges and costs in obtaining and maintaining the Bond.</p>	Noted		
<i>Second Schedule</i>			
<p>1. For the purposes of preparation of the program for Environment Protection and Rehabilitation under Section 70B(2) and associated Regulations of the Mining Act 1971, the following environmental and rehabilitation outcomes must be included: <u>Visual amenity</u> The Licensee must, in constructing and operating the Licence, ensure that the form and contrasting and reflective aspects of waste dumps are visually softened to blend in with the surrounding landscape.</p>	Compliant	Operations operated in compliance with PEPR2017/004	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions

Lease condition	Compliance status	Evidence	Forward work plan
<p><u>Blasting</u> The Licensee must, in constructing and operating the Licence, ensure that there are no public health and/or nuisance impacts from airblast, flyrock and vibration caused by blasting.</p> <p><u>Air quality</u> The Licensee must, in constructing and operating the Licence, ensure that that there are no public health and/or nuisance impacts to local residents from air emissions, dust and odour generated by mining operations.</p> <p><u>Public safety</u> The Licensee must, in constructing and operating the Licence, ensure that unauthorised entry to the site does not result in public injuries and or deaths that could have been reasonably prevented.</p> <p><u>Traffic</u> The Licensee must, in constructing and operating the Licence, ensure that no public impacts offsite are caused by, noise, dust and/or dragout to and from the minesite associated with mine related traffic.</p> <p><u>Adjacent land use</u> The Licensee must, in constructing and operating the Licence, ensure that there are no adverse impacts to adjacent land use.</p> <p><u>Protection of third part property</u> The Licensee must, in constructing and operating the Licence, ensure that there is no unauthorised damage (including that caused by fire) to adjacent public or private property and infrastructure.</p> <p><u>Aboriginal and European heritage</u> The Licensee must, in constructing and operating the Licence, ensure that there is no disturbance to Aboriginal or European sites, objects or remains unless prior approval under the relevant legislation is obtained.</p> <p><u>Native vegetation</u> The Licensee must, in constructing and operating the Licence, ensure no loss of abundance or diversity of native vegetation on or off the Licence through:</p> <ul style="list-style-type: none"> <li>• clearance</li> <li>• dust/contaminant deposition</li> <li>• fire, or</li> <li>• other damage</li> </ul> <p>unless prior approval under relevant legislation is obtained.</p> <p><u>Weeds and pests (feral animals)</u> The Licensee must, in constructing and operating the Licence, ensure no introduction of new species of weeds, plant pathogens or pests (including feral animals), nor sustained abundance of existing weeds or pest species in the Licence compared to adjoining land.</p> <p><i>Note: Weeds are defined in this condition s any invasive plant that threatens native vegetation in the local area or any species recognised as invasive in South Australia.</i></p> <p><u>Soil</u> The Licensee must, in constructing and operating the Licence, ensure that the existing soil quality and quantity is maintained.</p> <p><u>Stormwater</u> The Licensee must, in constructing and operating the Licence, ensure no water contaminated as a result of mining operations leaves the Licence area or results in loss or contamination of soil on or off the Licence.</p> <p><u>Flooding/runoff</u> The Licensee must, in constructing and operating the Licence, ensure no water runoff from the Licence results in flooding of adjacent areas, to an extent greater than that that could reasonably be expected to occur prior to mining operations being established on the Licence.</p>			

Lease condition	Compliance status	Evidence	Forward work plan
<p><u>Mine rehabilitation</u></p> <p>The Licensee must demonstrate to the satisfaction of the Director of Mines that the following mine closure outcomes (insofar as they may be affected by mining operations) are expected to be achieved and sustained after mine closure:</p> <ul style="list-style-type: none"> <li>• Integrate and harmonise final landforms and vegetation with the surrounding landscape.</li> <li>• The risks to the health and safety of the public, native fauna and livestock are as low as reasonably practical.</li> <li>• Where practical, re-establishment of the pre-mining ecosystem and landscape function.</li> <li>• The site is physically stable.</li> <li>• No compromise of the quality and quantity of ground or surface water to existing users and water dependent ecosystems.</li> <li>• All waste materials left on site are chemically and physically stable.</li> <li>• No industrial or commercial waste left onsite.</li> <li>• Where practical, pre-mining land use is re-established.</li> </ul>			
<p><i>Other Environmental Conditions</i></p>			
<p>2. Progressive rehabilitation</p> <p>The Licensee must undertake rehabilitation of mining operations in accordance with an integrated mining and rehabilitation plan as approved in the PEPR</p>	Compliant	See Section 10	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>3. Landholder liaison</p> <p>The Licensee must ensure that the occupier of the land is fully advised of their program of activities, particularly in regard to the impact of operations on the land and rehabilitation progress.</p>	Compliant	See Section 19	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
<p>4. Other legislation</p> <p>The above environmental outcomes do not derogate from the operation of any other Acts that may be applicable to this operation including (but not limited to):</p> <ul style="list-style-type: none"> <li>• <i>Aboriginal Heritage Act 1988</i></li> <li>• <i>Environment Protection Act 1993</i></li> <li>• <i>Natural Resources Management Act 2004</i></li> </ul>	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions

## 9. Rectification of non-compliances

There were no non-compliances in the current reporting period.

### 9.1 Outstanding items from previous reports

Outstanding items from previous reports are shown in Table 8.

**Table 8 Outstanding items from previous reports**

Year	Date of incident	Detected by operator	Reportable under Regulation 87?	Date initially reported to Minister	Date written report to Minister	Non-compliance	Status	Further work plan
2016	None							
2017	None							
2018	None							
2019	None							

## 10. Disturbance and rehabilitation activities

Areas of disturbance and areas that have been rehabilitated in the IKMA in 2020 and areas anticipated to be disturbed in 2021 are provided in Table 9.

**Table 9 Disturbance and rehabilitation IKMA (1 January 2020 – 31 December 2020)**

Domain	Pit name	Activity during 2020		Proposed next twelve months	
		Disturbed (ha)	Rehabilitated (ha)	Disturbed (ha)	Rehabilitated (ha)
Iron Princess	Princess	0	0	0	0
Princess East Bund	Princess East	0	0	0	0
Princess West Bund	Princess West	0	0	0	0
Monarch	Monarch Scree	0.65	0	17	0
Central WRD		0	0	0	0
Previously reported		262.45	45.7		
Total to-date		263.1	45.7		

# 11. Reconciliation of native vegetation clearance

SIMEC Mining have provided 20,872 Ha of Significant Environmental Benefit offset through the purchase and donation of Whyalla Conservation Park and Shirrocoe Pastoral Lease, pristine areas of high biodiversity, to the National Parks and Wildlife Service (NPWS). In 2010 Shirrocoe was proclaimed as the Ironstone Hill Conservation Park under the *National Parks and Wildlife Act 1972*.

Under the current PEPRs, all SIMEC Mining native vegetation clearing activities in the Middleback Ranges (MBR) have been assigned an SEB offset ratio. These ratios are recommended by NVC accredited vegetation consultants based on assessment of the vegetation and the biodiversity and conservation value of the vegetation to be cleared. In accordance with PEPR2017/004 (and other SIMEC Mining Middleback Ranges PEPRs), SIMEC Mining offsets cleared native vegetation using these SEBs credits.

Agreement to include Uplands Block A in the SEB offset system and acceptance of the management plan was executed by the Delegate to the Native Vegetation Council on 4/11/2020 (the decision date). Future clearances, 2021 and beyond, will be offset using SEB points provided by Uplands Block A

Vegetation clearance has occurred over IKMA since mining began. Under PEPR2017/004, SIMEC Mining has approval to clear up 334.00 Ha of native vegetation (see highlighted entries in table 16). This includes areas approved for clearance under previous PEPRs, but not yet cleared, along with other contingencies for future clearance or disturbance. Clearing to the end of December 2020 totalled 263.1 Ha, leaving a clearance credit of 70.9 Ha (Table 10).

As part of SIMEC Mining’s environmental management programme, SIMEC maintains an SEB credit ledger covering all Company native vegetation clearance in the MBR. SIMEC’s Significant Environmental Benefit (SEB) credit ledger is provided in Table 11.

**Table 10**      **Vegetation clearance to date**

IKMA	Area approved for clearance (Ha)	Area cleared to-date	Clearance credit
All Areas	334.0	263.1	70.9



**Table 11 SIMEC Mining's SEB Register**

Description	Reference:	Area disturbed (ha)	Date	Offset Ratio	SEB area (ha)	Credit (ha)
Whyalla Conservation Park			2003			972
Ironstone Hill Conservation Park (Shirrocoe)			2007			19900
<b>Total SEB Credit</b>						<b>20872</b>
SMR Project Magnet	SMR MARP 2007	356.65	2007	various	3188.64	17683.36
Transshipment Pad & Spurline	NVC2007/3063/010 07WLB06139	0.9	2007	10:1	9	17674.36
BOS slag dumps	NVC 07WLB07865	10	2007	4:1	40	17634.36
Rail passing loops	NVC2008/3164/850	1.275	2008	various	5.95	17628.41
N-SMR (Chieftain-Knight)	N-SMR MARP 2010	335.7	2010	various	2641.08	14987.33
Iron Baron OBP	Iron Baron Construction MARP (Jan) 2011	17	2011	8:1	136	14851.33
NE WRD Ext	SMR MARP 2007 Addendum 2011	56	2011	10:1	560	14291.33
SE WRD Ext	SMR MARP 2007 Addendum 2011	132	2011	10:1	1320	12971.33
Iron Baron OBP (Update)	Iron Baron Construction MARP 2011 (update)	8.48	2011	various	32.12	12939.21
Iron Baron OBP surplus (credit)	WPC-056 approved 30ha for construction, (17+ 8.48 = 25.48 used = 4.52 remaining)	4.52	2011	8:1	36.16	12903.05
SMR Access Road realignment	PIRSA Notification 2011	6	2011	10:1	60	12843.05
SMR Workshop Extension	Letter to PIRSA re MPL 34 activity 16/7/10	5	2011	10:1	50	12793.05
N-SMR (Chieftain-Knight) update	WPC-081 SMR minor mine adjustments_PIRSA_7-10-11	35.29	2011	various	286.52	12506.53
IBMA WRD's	IBMA PEPR WPC-059 ( <i>Eucalyptus oleosa</i> )	36	2011	8:1	288	12218.53
IBMA WRD's	IBMA PEPR WPC-059 ( <i>Casuarina pauper</i> )	1.4	2011	6:1	8.4	12210.13
IBMA Ext to Little Baron pit	IBMA PEPR WPC-059	0.2	2011	4:1	0.08	12210.05
IBMA LGO temp out of spec	IBMA PEPR WPC-059	2.3	2011	2:1	4.6	12205.45
IBMA surplus (credit)	IBMA PEPR WPC-059	10.9	2011	8:1	87.2	12118.25
Iron Chieftain Go-Line adjustment	MI134_Iron Chieftain Go-Line_VCCA	0.28	2011	2:1	0.56	12117.69
IBMA surplus (credit)	IBMA PEPR WPC-083 (credit reduced from 059)	-0.9	2012	8:1	-7.2	12124.89

Description	Reference:	Area disturbed (ha)	Date	Offset Ratio	SEB area (ha)	Credit (ha)
IBMA Out of spec LGO stockpile	IBMA PEPR WPC-083	6.4	2012	2:1	12.8	12112.09
Reclamation of LGO dumps PC and IBDU07	IBMA PEPR WPC-083	6	2012	2:1	12	12100.09
IBMA boundary fence	IBMA PEPR WPC-083	2.4	2012	8:1	19.2	12080.89
IBMA WRD's	IBMA PEPR WPC-083 (Eucalyptus Oleosa) Increase to WPC-059 line 19; 36+13.9=49.9	13.9	2012	8:1	111.2	11969.69
Whyalla Steelworks Ports project rail construction	NVC 12NRM0198	2.2	2012	4:1	8.8	11960.89
Whyalla Steelworks Ports project rail construction	NVC 12NRM0298	8.8	2012	4:1	35.2	11925.69
Iron Baron OBP surplus (credit)	Ref; line 15, (4.52ha credit minus 1.74, Lucas workshops ref MI165 = 2.78 ha remaining)	0	2012	8:1	0	11925.69
Iron Princess ground water monitoring wells	IKMA PEPR WPC-084	1	2012	8:1	8	11917.69
Whyalla Steelworks Ports project rail construction	NVC 12NRM0875	7.2	2012	4:1	28.8	11888.89
Iron Knob Phase 1	IKMA PEPR WPC-088	75.1	2013	various	515.5	11373.39
Iron Knob Phase 2 tenements proposal	IKMA Proposal WPC-102	258.67	2013	various	1969.66	9403.73
NE WRD reconciled credit	SMR MARP 2007 Addendum 2011	-2.2	2014	10:1	-22	9425.73
SE WRD reconciled credit	SMR MARP 2007 Addendum 2011	-18.4	2014	10:1	-184	9609.73
SMR Project Magnet	SMR MARP 2007	-5.29	2014	Various	-47.3	9657.03
N-SMR (Chieftain-Knight) reconciled credit	N-SMR MARP 2010	-32.36	2014	Various	-254.6	9911.63
SMR PEPR 2014	WPC-108; Iron Chieftain Domain	128	2014	various	1039.4	8872.23
SMR PEPR 2014	WPC-108; Iron Knight Domain	61.8	2014	10:1	618	8254.23
SMR PEPR 2014	WPC-108; SMR Domain	28	2014	10:1	280	7974.23
SMR PEPR 2014	WPC-108; TSFs Sub Domain	58.4	2014	10:1	584	7390.23
IBMA Ph2 PEPR 2015	WPC-106; IBMA PEPR Ph2	77.5	2015	Various	467	6923.23
IBMA Ph3 PEPR 2017 (Sul, War, Qn, Cav, Bar, Emp)	WPC-180; IBMA MPEPR 2017/033	486	2017	various	3962.7	2960.53
IBMA-Warrior-Knight access and haul roads	NVC 2018-3021-010	4.88	2018	various	19	2941.53
Ironstone Hill TSF impact area	NVC	0	2018	not offset	27	2914.53

Description	Reference:	Area disturbed (ha)	Date	Offset Ratio	SEB area (ha)	Credit (ha)
Iron Duchess North Stage B Part 1	WPC-108: SMR PEPR, Rev5, April 2018	80	2018	10:1	800	2114.53
TSF Vegetation Impact Area	WPC-108: SMR PEPR, Rev5, April 2018	59	2018	10:1	590	1524.53
Portion of access track near TSF buttress	WPC-108; SMR PEPR, Rev 6, Jan 2020	0.8	2020	10:1	8	1516.53
Western WRD (DU17) and Death Adder Valley WRD (MW18 extension)	WPC-198 SMR Duchess PN, March 2020	84.59	2020	10:1	845.90	670.63

**SIMEC Mining SEB credit ledger (for areas assessed using the Rangeland Assessment Methodology)**

Description	Reference	Area disturbed (ha)	Date	UBS	SEB Points required	Credit (SEB Points)
Uplands Block A	Middleback Ranges SEB Uplands SEB Credit Assessment (EBS Ecology, 2020a)		2020	various		16139.58
<b>TOTAL SEB CREDIT</b>						16139.58
SEB for excess clearance associated with the Iron Warrior to Iron Knight Haul Road	NVC 2018/3021/010, 26 March 2020	1.16	2020	various	456.72	15682.86
BSA Project	WPC-195 IBMA PEPR, Rev A, Oct. 2020	166.54	2020	various	11,687.91	3994.95
<b>TOTAL</b>		<b>166.54</b>			<b>12,144.63</b>	<b>3,994.95</b>

## **12. Environment Protection and Biodiversity Conservation Act 1999 Reporting**

SIMEC has no requirement to demonstrate compliance with the Commonwealth *Environment Protection and Biodiversity Conservation (EPBC) Act 1999*, as none of the Company's tenements in the IKMA mining area are subject to a controlled action under the Act.

## 13. Exempt land

SIMEC Mining's IKMA operation does not impact any land Exempt under Section 9 of the Mining Act.

# 14. Complaints

There were eight complaints relating to the IKMA during 2020.

Table 12 provides a summary of the complaints received during the reporting period.

**Table 12 Complaints register – IKMA (1 January 2020 to 31 December 2020)**

Complaint reference	Complaint type	Date Complaint Received	Was the complaint a result of a PEPR non-compliance?	Resolution date	Forward work plan
FY20-33	Dust	19/01/20	No	20/01/20	Continue to work to the complaints procedure
FY20-34	Power outage	19/01/20	No	20/01/20	Continue to work to the complaints procedure
FY20-36	Water wastage	30/01/20	No	31/01/20	Continue to work to the complaints procedure
FY21-15	Noise	1/09/20	No	2/09/20	Continue to work to the complaints procedure
FY21-35	Dust	15/11/20	No	16/11/20	Continue to work to the complaints procedure
FY21-39	Dust	26/11/20	No	27/11/20	Continue to work to the complaints procedure
FY21-47	Dust	28/11/20	No	29/11/20	Continue to work to the complaints procedure
FY21-58	Noise	18/12/20	No	19/12/20	Continue to work to the complaints procedure

# 15. Management system reviews

## 15.1 ISO AS/NZS 14001 Audit

In September 2020, SAI Global completed a partial remote audit of SIMEC Mining & Liberty Primary Steel Whyalla Steelworks as part of its ISO AS/NZS 14001 certification program (certificate number C10317). A special onsite follow up audit was then conducted from 4 to 15 February 2021. The scope of the audits specifically included the Iron Knob operations.

The purpose of the audit was to determine implementation of the business' management system in ensuring continual compliance with customer, statutory and regulatory requirements, and in meeting its specified objectives; and the conformity of the management system to stated criteria.

The audit has determined that the GFG management system has the ability to ensure the organisation meets its identified applicable statutory, regulatory and contractual requirements relevant to the scope of certification.

The audit has determined that the GFG management system is effective in ensuring that the organisation can reasonably expect to achieve its defined objectives. The recommendation from the audit was that the current certification to ISO14001: 2015 be extended. (SAI Global p. 4)

The results of the audit were once again generally positive, there were no major non conformances and seven non-conformances (previously known as Areas of Concern) from the combined audits across all areas of operation including the steelworks, Ardrossan quarry and the Middleback ranges mine sights identified during the audit. None of the non-conformances related to the Iron Knob site specifically. These non-conformances were assigned corrective actions and entered in the company's issues management system for tracking and close-out. No major non-conformances were identified or findings that identified a threat to SIMEC Mining's ability to meet the approved environmental outcomes.

## 15.2 Internal reviews & audits

In the reporting period, SIMEC Mining completed six internal inspections and audits at IKMA (Table 13).

**Table 13** SIMEC Mining internal audits & reviews

Date	Audit Type	Classification
5/2/2020	Stormwater audit	Internal Site
28/05/2020	Topsoil stockpile inspection	Internal Site
28/05/2020	Weeds audit	Internal Site
28/05/2020	Stormwater audit	Internal Site
28/05/2020	Bunding Audit	Internal Site
28/9/2020	Stormwater audit	Internal Site
4/11/2020	Topsoil stockpile inspection	Internal Site
4/11/2020	Weeds audit	Internal Site
29/10/2020	Stormwater audit	Internal Site

## 16. Verification of uncertainty

Assumptions of uncertainties related to IKMA operations in 2020 are provided in Table 14.

**Table 14**      **Uncertainties in relation to compliance for IKMA in 2020**

Description of assumption of uncertainty	Estimated date to resolve	Progress in reporting period	Confirmed	Forward work plan
Dust complaints during earlier reporting periods, and ongoing mine-derived dust staining of vegetation	Ongoing	Significant improvement in dust monitoring point impact scores from previous reports throughout 2020.	Yes (EBS 2020)	Continued observation and assessment; continued focus on dust control strategies.  Continued compliance to Dust TARP and FDR Standard



# **17. Change to mining operations and emerging environmental hazards**

## **17.1 Changes to mining operations**

No changes to mining operation in 2020.

MPEPR2020/042 to include Monarch Scree mining operations approved 12 March 2021.

## **17.2 Emerging environmental hazards**

No emerging environmental hazards were identified in 2020.

## 18. Technical Reports

A summary of technical data, studies and reports pertaining to the IKMA that were generated during the reporting period 1 January – 31 December 2020 are listed in Table 15 and Table 16.

**Table 15 IKMA technical data, studies and reports**

Report	Author
Vegetation dust impact assessment	EBS
Iron Monarch Scree Geochemical Assessment	Land and Water Consulting
Iron Monarch Scree Air Quality Assessment	Golder
Iron Monarch Scree Noise Assessment	Resonate Consultants
Internal Memorandum: Iron Knob Groundwater Quality Baseline	P. Woods (SIMEC)
Iron Monarch Hydrogeological Impact Assessment	Jacobs Group
SIMEC Iron Knob Monarch Scree RAM Vegetation Assessment	Jacobs Group

**Table 16 SIMEC Mining internal audits & reviews**

Date	Audit Type	Classification
5/2/2020	Stormwater audit	Internal Site
28/05/2020	Topsoil stockpile inspection	Internal Site
28/05/2020	Weeds audit	Internal Site
28/05/2020	Stormwater audit	Internal Site
28/05/2020	Bunding Audit	Internal Site
28/9/2020	Stormwater audit	Internal Site
4/11/2020	Topsoil stockpile inspection	Internal Site
4/11/2020	Weeds audit	Internal Site
29/10/2020	Stormwater audit	Internal Site

# 19. References

## **New technical reports and documents created in 2020**

Land and Water Consulting, 2020. Geochemical Assessment : Monarch Scree Deposit, Iron Knob Mining Area, South Australia. Commercial in Confidence report to SIMEC Mining – September 2020.

Golder, 2020. Air Quality Modelling Assessment – Iron Monarch. Commercial in Confidence report to SIMEC Mining – November 2020.

Resonate, 2020. Iron Monarch Scree Noise Assessment – Environmental Noise Assessment Report No. A200439RP1 – October 2020. Commercial in Confidence report to SIMEC Mining.

Woods, P and Gerrard, J (SIMEC) 2020. Internal Memorandum: Iron Knob Groundwater Quality Baseline – Unpublished internal company memorandum (MI347).

EBS Pty Ltd, 2020. SIMEC Whyalla Middleback Range Mines: 2020 Flora Monitoring. Unpublished internal company report.

SAI Global Pty Limited, 2020. Surveillance audit for OneSteel Manufacturing Pty Ltd Trading as Liberty OneSteel, SIMEC Mining. Commercial in Confidence Report to OneSteel Manufacturing Pty Ltd.

Jacobs, 2020. SIMEC Mining – Iron Monarch – Iron Monarch Tailings Placement and Groundwater Impact Assessment. Commercial in Confidence Report to OneSteel manufacturing Pty Ltd.

Jacobs, 2020. SIMEC Iron Knob Monarch Scree RAM Vegetation Assessment. Technical memorandum written for SIMEC Mining internal use.

## **Prior relevant technical reports and documents**

Arrium Mining, 2017. IKMA Program for Environment Protection and Rehabilitation (PEPR2017/004), April 2017 (Doc. Ref: WPC-103, Revision 1), South Australia

Bebbington, L. 2012. *Vegetation Assessment of Proposed Mining Operations within Iron Knob Mining Area (IKMA) for OneSteel Whyalla*, unpublished report prepared for OneSteel Whyalla.

EBS Ecology, 2018. MBR Annual Flora Monitoring June 2018. Unpublished report to SIMEC Mining. EBS Ecology, Adelaide.

Ecological Horizons Pty Ltd 2012. *Fauna Survey of the proposed OneSteel Iron Knob Extended Mining Area*, unpublished report prepared for OneSteel Whyalla, March 2012, Ecological Horizons, Kimba, SA.

Department of Premier and Cabinet, 2018. Ministerial Determination MD 009. Reporting periods and minimum information required to be provided in a compliance report for a holder of a mineral lease and any associated miscellaneous purpose licence or associated extractive mineral lease. Notice in accordance with Regulations 86(1), (3), (4) and (7) of the Mining Regulations 2011. Adelaide, South Australia

Terrestria Pty Ltd, 2017. Arrium Whyalla Middleback Range Mines: 2017 Flora Monitoring. Unpublished internal company report.

## **Appendix A: Certificates of Currency**

### **Combined General Liability & Umbrella Liability Insurance**

Note: Two certificates are presented due to overlapping reporting period.

27 April 2020

## CERTIFICATE OF CURRENCY COMBINED LIABILITY INSURANCE

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE HOLDER. IT DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICY. IT IS PROVIDED AS A SUMMARY ONLY OF THE COVER PROVIDED AND IS CURRENT ONLY AT THE DATE OF ISSUE. FOR FULL PARTICULARS, REFERENCE MUST BE MADE TO THE CURRENT POLICY WORDING

### INSURED

GFG Alliance Australia (comprising of InfraBuild, Primary Steel & SIMEC Mining) and all companies under their effective management control and all subsidiary corporations and related body corporates as defined in the Corporations Act 2001 (including those acquired or incorporated during the Period of Insurance) for their respective rights and interests

### OTHER INTERESTED PARTIES

Noting the rights of; Minister for Mineral Resources and Energy for their respective rights and interests

### PERIOD OF INSURANCE

From 4:00pm local standard time on 31/10/2019 to 4:00pm local standard time on 31/10/2020

Any subsequent period for which the Insured has requested and the Insurer has accepted.

### INSURER

NAME	POLICY NUMBER	PARTICIPATION %
Zurich Insurance Australia Limited	72 2232551 GLR & 72 2232552 GLR	100

### INTEREST INSURED

Legal Liability to third parties for personal injury and/or property damage (including loss of use of property not damaged) happening during the period of insurance arising out of the business and/or the products as a result of an occurrence. All charges, expenses, legal and other costs incurred as the result of an Occurrence

### LOCATION

Iron Knob Mining Area

### COVERING

All sums which the insured shall become legally liable to pay for Compensation in accordance with the law of any country or assumed under contract or agreement in respect of:

- a) Personal Injury

SOLUTIONS...DEFINED, DESIGNED, AND DELIVERED.

- b) Property Damage
- c) Advertising Liability

As a result of an Occurrence and happening in connection with the Insured's Business or Products.

**TERRITOTIAL LIMITS**

Worldwide

**LIMITS OF LIABILITY**

The limit of the Insurer's liability:

- shall apply exclusive of indemnity provided for under Additional Supplementary Payments
- shall not exceed the following amounts except as otherwise provided in the Policy

**Primary Cover**

- Public Liability - any one occurrence \$50,000,000
- Product Liability - annual aggregate \$50,000,000

Indemnity is subject to the terms and conditions of the Policy, including any applicable Sub-Limit of Liability and Deductible.

In accordance with the ongoing commitment by Marsh to quality management philosophies, this certificate has been verified for accuracy of content by:

Yours faithfully,



Jamison Castro  
Account Executive



Jamison Castro  
Account Executive

Marsh Pty Ltd  
ABN 86 004 651 512  
One International Towers Sydney  
100 Barangaroo Avenue  
SYDNEY NSW 2000  
PO Box H176  
AUSTRALIA SQUARE NSW 1215  
PH 02 8864 8888  
jamison.castro@marsh.com  
marsh.com.au

04 November 2020

## CERTIFICATE OF CURRENCY COMBINED LIABILITY INSURANCE

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE HOLDER. IT DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICY. IT IS PROVIDED AS A SUMMARY ONLY OF THE COVER PROVIDED AND IS CURRENT ONLY AT THE DATE OF ISSUE. FOR FULL PARTICULARS, REFERENCE MUST BE MADE TO THE CURRENT POLICY WORDING

### INSURED

GFG Alliance Australia (comprising of Liberty Infrabuild Ltd, Liberty Primary Metals Australia Pty Ltd, SIMEC (Australia) Mining Pty Ltd, GFG Foundation (Australia) Ltd, Jahama Property Services Pty Ltd, Liberty ONESTEEL Corporate Services Pty Ltd, Liberty GREENPOWER Pty Ltd & SIMEC Energy Australia Pty Ltd) and all companies under their effective management control and all subsidiary corporations and related body corporates as defined in the Corporations Act 2001 (including those acquired or incorporated during the Period of Insurance) for their respective rights and interests

### OTHER INTERESTED PARTIES

Noting the rights of; Minister for Mineral Resources and Energy for their respective rights and interests

### PERIOD OF INSURANCE

From 4:00pm local standard time on 31/10/2020 to 4:00pm local standard time on 31/10/2021

Any subsequent period for which the Insured has requested and the Insurer has accepted.

### INSURER

NAME	POLICY NUMBER	PARTICIPATION %
Zurich Insurance Australia Limited	72 2232551 GLR & 72 2232552 GLR	100

### INTEREST INSURED

Legal Liability to third parties for personal injury and/or property damage (including loss of use of property not damaged) happening during the period of insurance arising out of the business and/or the products as a result of an occurrence. All charges, expenses, legal and other costs incurred as the result of an Occurrence

### LOCATION

Iron Knob Mining Area

#### COVERING

All sums which the insured shall become legally liable to pay for Compensation in accordance with the law of any country or assumed under contract or agreement in respect of:

- a) Personal Injury
- b) Property Damage
- c) Advertising Liability

As a result of an Occurrence and happening in connection with the Insured's Business or Products.

#### TERRITORIAL LIMITS

Worldwide

#### LIMITS OF LIABILITY

The limit of the Insurer's liability:

- shall apply exclusive of indemnity provided for under Additional Supplementary Payments
- shall not exceed the following amounts except as otherwise provided in the Policy

#### Primary Cover

- |   |              |
|---|--------------|
| • Public Liability - any one occurrence | \$50,000,000 |
| • Product Liability - annual aggregate  | \$50,000,000 |

Indemnity is subject to the terms and conditions of the Policy, including any applicable Sub-Limit of Liability and Deductible.

In accordance with the ongoing commitment by Marsh to quality management philosophies, this certificate has been verified for accuracy of content by:

Yours faithfully,



Jamison Castro  
Account Executive