SIMEC MINING

IRON KNOB MINING AREA

2017 COMPLIANCE REPORT





ML1659-1667, ML2238-2242, ML2383, ML2384, ML2612-2614, ML2647, ML2670, ML2671-2673, ML2700, ML3147-3151, ML3176, ML3177, ML3481, ML3789-3792, ML4037-4039, ML4429-4434, ML4490, ML4762-4769, ML6429, ML6430, MPL45, MPL142-145

April 2018

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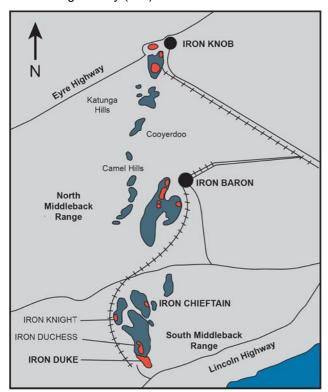


EXECUTIVE SUMMARY

This annual compliance report covers the reporting period 1 January to 31 December 2017 for mining and ancillary operations in the Iron Knob Mining Area (IKMA).

PEPR 2017/004 was approved on 16 May 2014, superseding PEPR 2014/038.

Operations within the IKMA in 2017 included the mining of ore from Iron Princess West and Iron Princess East pits, completion of rehabilitation of the Western Bund, construction and partial rehabilitation of the Eastern Bund, and the recovery of low-grade feedstock for the Integrated Processing Facility (IPF).



Construction and commissioning of the IPF finished in mid-year, and the plant commenced production in the second half of the year. The IPF beneficiates low grade ore to produce a high grade product to add to the direct shipping ore (DSO) blend.

Tails from the IPF are being stored in the Iron Monarch void.

Groundwater removed from the Princess West Pit to enable mining below the water table is being stored in the Monarch Pit and used as dust suppression and IPF production water.

DPC approved SIMEC Mining's updated IKMA PEPR (PEPR2017/004, to enable the operation of the IPF and deposition of tailings into the Monarch void on 16 May 2017. The approval included Matters Subsequent to the Approval, requiring an Iron Princess East Pit Geotechnical study for public safety, third party property and adjacent land. DPC

required the geotechnical report submitted by 15 August 2017. SIMEC submitted the report to DPC on the 11 August 2017. This Matter also required SIMEC to engage with and consult with DPTI on the report and its outcome. Following consultation with DPTI, SIMEC confirmed to DPC that the Eyre Highway was not expected to be impacted by the long-term performance of the Iron Princess East walls (SIMEC reference e1328, dated 5 September 2017).

The Arrium businesses including OneSteel Manufacturing Pty Ltd entered voluntary administration in April 2015. GFG Alliance (GFG) completed the acquisition of the Australian Arrium businesses on 1 September 2017. GFG renamed Arrium Mining as SIMEC Mining. In this report, all further references to the company are as SIMEC Mining, or SIMEC.



Ministerial Determination 009 Checklist

Sec	ction		Included or N/A
1.	Pub	lic liability insurance	Section 1
2.	lder	ntification	
	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.	Ten	ements	
	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.	Oth	er approvals	
	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.	Ore	reserves and mineral resources. Provide:	
	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	Section 5.1
6.	Min	ing, processing and waste storage activities. Provide:	
	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.	Section 6.1, 6.2, 6.3
	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.	Section 6.1
	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.	Section 6.4
7.		npliance with environmental outcomes and leading indicator criteria.	



	; ;	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.	Section 7.1
	,	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.	Section 7.2, Table 9
8.		pliance with non-outcome based tenement conditions. Provide	
		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.	Section 8
	b.	Evidence to support the statement of compliance.	Page vi
9.	Recti	fication of non-compliances.	
	i iii iii iv	 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) the cause of the non-compliance any actions taken or yet to be taken to rectify the non-compliance and to prevent the reoccurrence of any such non-compliance 	Section 9
		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.	Section 9.2
10.		rbance and rehabilitation activities. Provide a summary of the bance and rehabilitation activities, including:	Section 10
		The amount of land disturbed and activity that created the disturbance in the reporting period	Section 10
	d.	The amount of land disturbed and activity that created the disturbance in the reporting period	Section 10
		Strategies implemented to avoid or minimize disturbance	Section 10
		Rehabilitation works carried out in the reporting period	Section 10
		The amount of land where rehabilitation works are completed	Section 10
	h.	An estimated amount of land to be rehabilitated in the next reporting period	Section 10
		Any potential improvements learned from previous rehabilitation activities	Section 10
11.		nciliation of native vegetation clearance. Where native vegetation	
	a.	een approved for clearance, include: 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
		the total amount cleared to date, and	Section 11
		an estimated amount to be cleared in the next reporting period.	Section 11
12.		onment Protection and Biodiversity Conservation Act 1999	
		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
13.		npt land. Provide:	
	į	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



	i i	the status of any exempt land, including i. name of person entitled to exemption ii. certificate of title or crown land details ii. reason for exemption v. area of exemption (hectares) v. date waiver registered vi. any relevant conditions	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
14.		nplaints. Provide a summary of any complaints raised by third parties for 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 received	Section 14
15.	syst com	agement system reviews. Provide a summary of any management em reviews undertaken during the reporting period in order to ensure pliance with relevant tenement conditions and environmental outcomes uding mine comp0letion 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
16.	Veri	fication of uncertainty. Provide:	
	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
17.		nge to mining operations and emerging environmental hazards.	
	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
18.	Tec	hnical reports.	
	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



Executive Declaration

Executive Declaration:

This document has been prepared to fulfil the requirement under Regulation 86 for the tenements listed herein. The information contained in this report is to the best of my knowledge a true and accurate record of the mining activities and compliance status for the reporting period.

Name	Position or Agent	Signature	Date
Daniel Rowlands	Acting General Manager, Mining Operations	Ma	1/05/2018

Document Status

Rev No	Author	Responsible Manager
0	Russell Hodges	Daniel Rowlands –
	Senior Environment Regulatory Scientist	Acting General Manager, Mining Operations
		Craig Wilson -
		Manager Mining
		Chris Smyth –
		Group Manager Environment, Regulatory and Stakeholder,
		Geoffrey Mills
		Environment Assurance Manager Whyalla Mines



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Abbreviations and Definitions

Appreviations and	Definitions			
Abbreviation	Definition			
ANE	Ammonium Nitrate Explosive			
AMD	acid mine drainage			
AOC	area of concern			
BIF	banded iron formation			
BOS	basic oxygen steelmaking			
DEWNR	Department of Environment, Water and Natural Resources			
DMITRE	Department for Manufacturing, Innovation, Trade, Resources and Energy			
DPTI	Department of Planning, Transport and Infrastructure			
DPC	Department of Premier & Cabinet			
DSD	Department of State Development			
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 ²	square metre
m³	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 A	rea (IKMA)	PEPR#	2014/038	
	_	ch and Iron Princess pits	Date Approved	15 May 2014	
Lease holder	OneSteel Manufactu	ring 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 Error! F	Reference source not fo	ound. for details		
Associated tenements	ML1659-1667, ML2238-2242, ML2383, ML2384, ML2612-2614, ML2647, ML2670, 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 Regulations 2011 (effective from 6 th September 2012) determining the reporting and minimum information required to be provided in a Compliance Report for a Lease (ML) and any associated Miscellaneous Purposes Licence (MPL) for me industrial minerals				the reporting periods Report for a Mineral	
Site contact	Geoffrey Mills - Environment Assurance Manager Whyalla Mines				
	Email: geoffrey.mills@simecmining.com				
	Phone number (08) 8640 4149				
Registered Mine Manager	Roger Pengelly/Michael Rakuita				
Site location details	Middleback Ranges				
Reporting period	From 1 January 2017 To 31 December			31 December 2017	
Report preparation date	April 2018				



3 TENEMENTS

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

Table 1 IKMA mining tenements

	WIA IIIIIIIII			
Tenement	Tenement number	Approval date	Expiry date	Forward work plan
Miscellaneo	us Purposes	Licences (MPL)		
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	
Mineral Leas	ses (ML)			
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	SIMEC Mining will retain all
ML	1664	30 June 1899	30 November 2029	tenements for the IKMA Life of
ML	1665	30 June 1899	30 November 2029	Mine (LOM)
ML	1666	30 June 1899	30 November 2029	Mining and ancillary operations including crushing, screening, rail
ML	1667	30 June 1899	30 November 2029	loading, ore stockpiling and
ML	2238	31 December 2014	30 November 2029	tailings deposition will continue until ore deposits are fully utilised.
ML	2239	31 December 2014	30 November 2029	Progressive rehabilitation and
ML	2240	31 December 2014	30 November 2029	closure activities will be
ML	2241	31 December 2014	30 November 2029	undertaken as described in approved PEPR2017/004
ML	2242	31 December 2014	30 November 2029	A Mine Completion Report will be
ML	2383	31 December 2014	30 November 2029	submitted at least three months
ML	2384	31 December 2014	30 November 2029	prior to Licence relinquishment or
ML	2612	1 October 1929	30 November 2029	expiry
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	
ML	3148	1 July 1911	30 June 2032	
ML	3149	1 July 1911	30 June 2032	



Tenement	Tenement number	Approval date	Expiry date	Forward work plan
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 2019	
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	



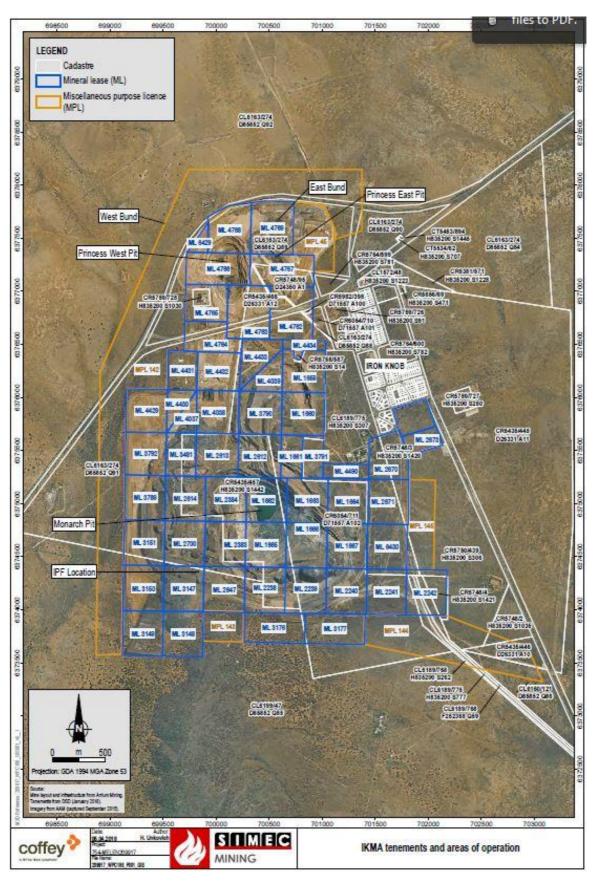


Figure 1 IKMA tenements and areas of operation



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 Environment Assurance and copies at work sites	Air quality
EPA Licence 17122	Environment Protection Authority	Licence held at Environment Assurance and copies at work sites	Mineral works
Drain or Discharge Permit 252318, permit allows discharge of Princess West ground water into the Princess East pit (well #6332 1530).	Department of Environment, Water and Natural Resources.	Licence held at Environment Assurance	Groundwater
Drain or Discharge Permit 240067, permit allows discharge of Princess West ground water into the Iron Monarch Pit (well #6332 1528).	Department of Environment, Water and Natural Resources.	Licence held at Environment Assurance	Groundwater



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 2017.

Table 3 Iron Monarch total resource and reserve, (year ending 31 December 2017)

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

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

Table 4 Iron Princess total resource and reserve (year ending 31 December 2017)

Ore reserves	Mass (Mt)	Mineral resources	Mass (Mt)	Estimated mine life (Years)
Proved	-	Measured		3
Probable	5.7	Indicated	17.3	
		Inferred	14.8	
Total	5.7		32.1	
PEPR ¹	9.2		19.9	
Change	-3.0		+12.2	

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



6 MINING, PROCESSING AND WASTE STORAGE

6.1 Ore mining

Details of ore mined in the IKMA in 2017 are provided in Table 5.

Table 5 Ore mined in the IKMA – 2017

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)	
			Whyalla Blend Ore	56,733
2,945,750*	1,144,303	1,269,000	Low Grade Ore	4,751,919
			Total	4,808,652
Reason(s) for variations from previous report				

^{*} 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

6.2 Ore processing

Table 6 shows IKMA ore processing in 2017. The IKMA Integrated Processing Facility (IPF) is complete and became operational in July 2017. Production for the period July to December 2017 totalled 186,185 tonnes.

Table 6 Ore crushed for the IKMA

Ore processed Mine life (t)	Reporting period Ore processed (t)	Next reporting period Ore to be processed (t)
9,241,630	3,254,919	2,800,000
Reasons for variations from previous report		

6.3 Concentrate

IKMA does not produce concentrate.



6.4 Overburden / Waste

Table 7 shows the volumes of overburden for the reporting period and total.

Table 7 Overburden mined in the IKMA – 2017

Overburden mined Mine life (2011-2017) (BCM)	Reporting period Overburden mined (BCM)	Next reporting period Overburden to be mined (BCM)
53,475,511	4,721,068	3,169,000
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 8.

Table 8 Compliance summary – IKMA (1 January to 31 December 2017)

Licence/Permit/Tenement	Type of non- compliance	Brief description		Section of report for further detail				
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 9.



 Table 9
 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
Flora							
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	Compliant	Not applicable	Ground surveys at operational areas demonstrates that the total area cleared during the calendar year to 31 December 2017 was 1.52 ha bringing the total cleared to-date to 262.45 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	Compliant	Not applicable	No change to native vegetation abundance or diversity April 2017 SIMEC Report identified a significant visual increase in vegetation dust staining. It concluded that despite attempts to pre-condition the ground with water prior to digging, and postponing operations in high winds, it was likely low intensity, low visibility dust emissions will result in heavy staining due to the nature of the blue bush. External biennial flora monitoring occurred at IKMA on 27 July 2017 (Terrestria, 2017) this satisfied the requirement for peer review. Terrestria reported the following: IKPP1 – Control site. Vegetation drought effected with feral animal grazing the major impact IKPP2 – Impact site. Dust not obviously impacting vegetation. Vegetation impacted by drought conditions and feral animal grazing.	Continued focus or dust control strategies and compliance to FDR Standard.



Outcome	Outcome measurement criteria (OMC)	OMC compliance status	Target Value	Leading indicator status	Target Value actions summary	Evidence	Forward work plan
						IKPP8 – Impact site. No observable dust impact (mine or other); vegetation drought effected; significant grazing impact by feral and domestic animals.	
Fauna							
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	Compliant	Not applicable	No incidents of drill collars not being capped were recorded during 2017	Continue to monitor compliance with Exploration guideline QP50_58
Weeds, pests and pa	athogens						
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	Compliant	Not applicable	Historical weed impacts required follow-up spraying. Manage weeds and pests in accordance with SIMEC's Pest Plant and Animal Control Strategy QP50_62	Continue to monitor compliance with the Pest plant and Animal Control Strategy QP50_62



Outcome	Outcome measurement criteria (OMC)	OMC compliance status	Target Value	Leading indicator status	Target Value actions summary	Evidence	Forward work plan
Soil							
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	Compliant	Not applicable	Review of topsoil stockpiles found all compliant, with no corrective actions required. All topsoil harvesting complied with QP50_66 and the Outcome Measurement Criteria.	Continue to monitor compliance with the Top Soil Management Plan QP50_66
	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.						
Stormwater							
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	All drainage channels and silt traps in place as per approved design, (Appendix A-7 of PEPR2014/038), 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	Compliant	All drainage channels and silt traps installed as per Appendix A-7 (PEPR2014/038), and reactive maintenance and corrective actions closed out within 30 days of assignment	Compliant	N/A	Audits demonstrated that all silt traps were in place and maintained. Corrective actions are closed.	Continue to monitor compliance with PEPR 2014/038 stormwater outcome
greater than that could reasonably be expected to occur	actions from inspections are logged and closed out within						



Outcome	Outcome measurement criteria (OMC)	OMC compliance status	Target Value	Leading indicator status	Target Value actions summary	Evidence	Forward work plan
prior to mining operations being established.	30 days or as otherwise agreed with the Regulator						
Air quality							
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 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	Compliant	No incidents resulting in exceedances of FDR2 Complaints closed out within 30 days	Compliant	On occasions when dust emissions could not be contained at FDR2, all dust emitting activities are postponed.	The IRMS incident reporting tool records all incidents of FDR exceedances and the resultant corrective actions including postponement of dust emitting activities (See Section 14 Complaints, for details).	Continue to apply the FDR dust control standard and strategies and monitor impacts
Visual amenity, nuis	· , , , , , , , , , , , , , , , , , , ,						
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	Compliant	Timing and rehabilitation outcomes are achieved in accordance with the Mine Plan closure and rehabilitation (see Section 8, PEPR2017/004 for	Compliant	WRD rehabilitation continues in line with plan.	Rehabilitation activity in 2017 concentrated on the Princess East bund, with rehabilitation scheduled for 2018	Continue to construct and remediate in accordance with design, closure and rehabilitation strategy



Outcome	Outcome measurement criteria (OMC)	OMC compliance status	Target Value	Leading indicator status	Target Value actions summary	Evidence	Forward work plan
	Knob Mining Area (see PEPR2014/038)		full details of the Mine Plan)				
Blasting (and vibrati	ion)						
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 Records of audits, observations and ground vibration monitoring on blasting activities show that blasting is undertaken in accordance with AS 2187.2 2006	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	Compliant	N/A	No complaints related to blast vibration were received from Iron Knob residents in 2017.	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.
Eyre Highway divers	sion						
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	Compliant	No incidents or accidents involving vehicle traffic associated with the Eyre Highway diversion or IKMA operational traffic that could have been reasonably prevented	Compliant	N/A	No incidents involving the Eyre Highway diversion and operational traffic occurred in 2017	Continue to comply with the Eyre Highway traffic management plan.



Outcome	Outcome measurement criteria (OMC)	OMC compliance status	Target Value	Leading indicator status	Target Value actions summary	Evidence	Forward work plan
	implementation of precautionary measures and that all corrective actions are closed out within 30 days or as otherwise agreed by the Regulator						
Public safety							
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	Compliant	Not applicable	No Incidents recorded in 2017	Maintain the perimeter security fence, signage and the IKMA public safety procedures
Adjacent land use a	nd third-party property	,					
No unauthorised damage to adjacent public or private property or infrastructure from mining operations No adverse impacts to adjacent land use	Records demonstrate that complaints of unauthorised damage are logged and investigated and all corrective actions are closed out within 30 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, PEPR2014/038)	Compliant	No confirmed damage to adjacent property or infrastructure	Compliant	Continue to monitor photo monitoring locations.	No complaints were received concerning damage to adjacent public or private property in 2017. The April 2017 SIMEC vegetation report identified a significant visual increase in vegetation dust staining at concentrations at or below FDR2. It concluded that despite attempts to pre-condition the ground with water prior to digging, and postponing operations in high winds, it was likely low intensity, low visibility dust emissions are resulting in heavy staining due to the nature of the blue bush. Six monthly inspection reports record that control site IKPP1	Continue to monitor the impact to vegetation from dust. Continued focus on dust control strategies and compliance to FDR Standard. Engage independent external consultant in 2017 for peer review of assessment methodology and incorporate SIMEC



Outcome	Outcome measurement criteria (OMC)	OMC compliance status	Target Value	Leading indicator status	Target Value actions summary	Evidence	Forward work plan
	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					remains stable at score 0, sites IKPP2 and IKPP9 remain stable at score 1 (No vegetation health impact with light visible staining), sites IKPP6 and IKPP8 vary between score 1 and score 2 (up to, No vegetation health impact with heavy visible staining) depending on the time of year and the type and location of mining activity. MI293 Annual vegetation monitoring report (Terrestria, 2017) found the following: IKPP1 – Control site. Vegetation drought effected with feral animal grazing the major impact IKPP2 – Impact site. Dust not obviously impacting vegetation. Vegetation impacted by drought conditions and feral animal grazing. IKPP8 – Impact site. No observable dust impact (mine or other); vegetation drought effected; significant grazing impact by feral and domestic animals.	impact scores into final report.
Heritage							
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	Compliant	Not applicable	No recorded incidents of discovery of suspected Aboriginal or European artefacts. Heritage clearances are in place	



Outcome	Outcome measurement criteria (OMC)	OMC compliance status	Target Value	Leading indicator status	Target Value actions summary	Evidence	Forward work plan
			the appropriate authority				
Traffic							
No incidents or accidents resulting from road/rail traffic accidents associated with IKMA operations that could have been reasonably prevented No public impacts offsite are caused by drag-out to and from the mine site associated with mine related traffic	Records of independent investigation of all recorded incidents and accidents involving IKMA operational traffic, or 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	Compliant	No incidents or accidents resulting from IKMA operational traffic or IKMA road/rail that could have been reasonably prevented by SIMEC Mining	Triggered	Closed	Incidents of road traffic interactions with kangaroos on the public highway were reported, investigated and closed in IRMS. No incidents of operational vehicle collisions were recorded in the IRMS.	Continue to record all road traffic fauna interactions as safety and environmental incidents.



COMPLIANCE WITH NON-OUTCOME 8 **BASED TENEMENT CONDITIONS**

A review of compliance against non-outcome based lease conditions for IKMA is provided in Table 10.



Table 10 Compliance against non-outcome based lease conditions for IKMA – 2017

Lease condition	Compliance status	Evidence	Forward work plan
ML3147-3151, ML3176-3177, ML3481, ML3789-3792, ML4037-4039,	ML4429-4434, ML449	0, ML4762–4769	
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
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	



Lease condition	Compliance status	Evidence	Forward work plan
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
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		



Lease condition	Compliance status	Evidence	Forward work plan
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-	Noted		
(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.			
ML1659-1667, ML2238-2239, ML2240-2242, ML2383-2384, ML2612-	2614		
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	Not relevant		



Lease condition	Compliance status	Evidence	Forward work plan
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			
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	Not relevant		
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	Noted		
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	Not relevant		
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	Not relevant		
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	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions



Lease condition	Compliance status	Evidence	Forward work plan
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			
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 seasonable 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



Lease condition	Compliance status	Evidence	Forward work plan
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
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	Noted		



Lease condition	Compliance status	Evidence	Forward work plan
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			
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		
MPL45			
IT IS HEREBY FURTHER AGREED AND DECLARED between the parties hereto that the licence is granted upon the further conditions set out hereunder:	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation,
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:			Regulations and Licence Conditions
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:			
The Licensee will pay and discharge all rates, taxes, assessments, impositions and outgoings which shall become payable in respect of the land:			
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:			
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:			
The Licensee shall ensure that, in drilling or other underground investigations, no interconnection between groundwater aquifers occurs:			
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:			



Lease condition	Compliance status	Evidence	Forward work plan
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:			
The Licensee shall perform and comply with all of the conditions set out in Schedule C attached hereto.			
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.	Noted		
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:	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
(i) 'amendment' includes an addition, excision or substitution;			
(ii) 'the Act' means the Mining Act, 1971, as amended, together with any amendment thereof;			
(iii) 'the Director' means the Director of Mines;			
(iv) 'the land' includes any part thereof;			
(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.			



Lease condition	Compliance status	Evidence	Forward work plan
ML2647, ML2670-2673, ML2700			
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:			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	



Lease condition	Compliance status	Evidence	Forward work plan
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.
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	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions



Lease condition	Compliance status	Evidence	Forward work plan
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			
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
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	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions



Lease condition	Compliance status	Evidence	Forward work plan
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:			
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-	Noted		
(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.			
ML6429, ML6430			
First Schedule			
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		
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		



Lease condition	Compliance status	Evidence	Forward work plan
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		
Other Environmental Conditions			
2. Progressive rehabilitation	Compliant		Continue to implement and comply with
The Lessee must undertake rehabilitation of mining operations in accordance with an integrated mining and rehabilitation plan as approved in the PEPR			PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
3. Landholder liaison	Compliant		
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.			
4. Other legislation	Noted		
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):			
Aboriginal Heritage Act 1988			
Environment Protection Act 1993			
Natural Resources Management Act 2004			
MPL142			
First Schedule			
1. The Miscellaneous Purposes Licence (MPL) is granted for the purpose of:	Compliant		Continue to implement and comply with
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.			PEPR2017/004, applicable Legislation, Regulations and Licence Conditions



Lease condition	Compliance status	Evidence	Forward work plan
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			
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 Certificate of Currency can be made available upon request	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 <i>Mining Act 1971</i> 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 and any request from the Minister for an independent quote for the cost of rehabilitating the site in accordance with Regulation 65(2)
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
Other Environmental Conditions			
2. Progressive rehabilitation	Compliant	See Section 10	Continue to implement and comply with
The Licensee must undertake rehabilitation of mining operations in accordance with an integrated mining and rehabilitation plan as approved in the PEPR			PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
3. Landholder liaison	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
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.			
4.DPTI (Transport Services) Deed of Agreement	Compliant		Continue to implement and comply with
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 (<i>Highways Act 1926</i>).			PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
5. Other legislation	Compliant		Continue to implement and comply with
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):			PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
Aboriginal Heritage Act 1988			
Environment Protection Act 1993			
Natural Resources Management Act 2004			
MPL143			
First Schedule			
1.The Miscellaneous Purposes Licence (MPL) is granted for the purpose of:	Noted		Continue to implement and comply with
Perimeter fencing, access tracks, environmental monitoring and operations ancillary to mining			PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
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			
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	Compliant	Public liability insurance maintained to a value stipulated by the Director of Mines not less than \$20 million	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions



Lease condition	Compliance status	Evidence	Forward work plan
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		Certificate of Currency can be made available upon request	
5.In requesting a review of the bond required under the <i>Mining Act</i> 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
Other Environmental Conditions			
2. Progressive rehabilitation	Compliant	See Section 10	Continue to implement and comply with
The Licensee must undertake rehabilitation of mining operations in accordance with an integrated mining and rehabilitation plan as approved in the PEPR			PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
3. Landholder liaison	Compliant	See Section 19	Continue to implement and comply with
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.			PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
4. Other legislation	Compliant		Continue to implement and comply with
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):			PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
Aboriginal Heritage Act 1988			
Environment Protection Act 1993			
Natural Resources Management Act 2004			
MPL144			
First Schedule			
1.The Miscellaneous Purposes Licence (MPL) is granted for the purpose of:	Noted		Continue to implement and comply with
Access roads and tracks, services corridor including rail, environmental monitoring, perimeter fencing, haul roads, water infrastructure and operations ancillary to mining			PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
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			



Lana andistan	Compliance status	Fuidance	Famuund wark alan
Lease condition 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	Compliance status	Evidence	Forward work plan
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 Certificate of Currency can be made available upon request	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 <i>Mining Act 1971</i> 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
Other Environmental Conditions			
Progressive rehabilitation The Licensee must undertake rehabilitation of mining operations in accordance with an integrated mining and rehabilitation plan as approved in the PEPR	Compliant	See Section 10	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
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.	Compliant	See Section 19	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
4. 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):	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions



Lease condition	Compliance status	Evidence	Forward work plan
 Aboriginal Heritage Act 1988 Environment Protection Act 1993 Natural Resources Management Act 2004 			
MPL145			
First Schedule			
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	Noted		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
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			
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 Certificate of Currency can be made available upon request	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 <i>Mining Act 1971</i> 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		
Other Environmental Conditions			
Progressive rehabilitation The Licensee must undertake rehabilitation of mining operations in accordance with an integrated mining and rehabilitation plan as approved in the PEPR	Compliant	See Section 10	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
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.	Compliant	See Section 19	Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
 4. 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): Aboriginal Heritage Act 1988 Environment Protection Act 1993 	Compliant		Continue to implement and comply with PEPR2017/004, applicable Legislation, Regulations and Licence Conditions
Natural Resources Management Act 2004			



RECTIFICATION OF NON-COMPLIANCES

9.1 2017

Details of actions associated with non-compliances in 2017 for IKMA is provided in Table 11.

Table 11 Rectification of non-compliances IKMA

Tenement	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
	None							

9.2 **Outstanding items from previous reports**

Outstanding items from previous reports are shown in Table 12.

Table 12 **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
2015	None							
2016	None							



10 **DISTURBANCE AND REHABILITATION ACTIVITIES**

Areas of disturbance and areas that have been rehabilitated in the IKMA (as at 31 December 2017) and areas anticipated to be disturbed in CY 2018 are provided in Table 13. Vegetation clearance in the IKMA during 2017 is shown in Figure 2.

Table 13 Disturbance and rehabilitation IKMA (2017)

Domain	Pit name	Activity during 2017		Proposed next twelve months		
		Disturbed (ha)	Rehabilitated (ha)	Disturbed (ha)	Rehabilitated (ha)	
Iron Princess	Princess	1.52		0		
Princess East Bund	Princess East		7.1		7.0	
Princess West Bund	Princess West					
Monarch						
Central WRD			2.7			
Previously reported		260.93	30.4			
Total to-date		262.45	40.2	0	7.0	

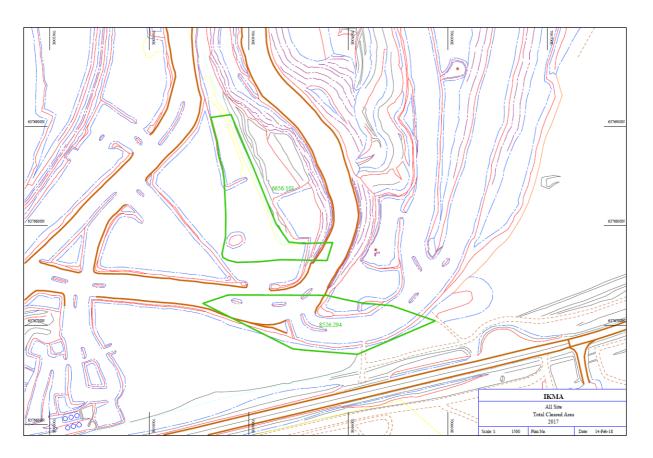


Figure 2 Vegetation clearance at Iron Princess to December 2017



RECONCILIATION OF NATIVE 11 **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 PEPR2014/109 (and other SIMEC Mining Middleback Ranges PEPRs), SIMEC Mining offsets cleared native vegetation through the use of these SEBs credits.

Vegetation clearance has occurred over IKMA since mining began. Under PEPR2017/004, SIMEC Mining has approval to clear up 344.00 Ha of native vegetation. 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 2017 totalled 262.45 Ha, leaving a clearance credit of 81.5 Ha (Table 14).

As part of SIMEC Mining's environmental management, 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 15.

Table 14 Vegetation clearance to date

IKMA	Area approved for clearance (Ha)	Area cleared to-date	Clearance credit
All Areas	344.0	262.45	81.5



Table 15 SIMEC Mining's SEB Register

SIMEC Mining SEB credit ledger						
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
Total SEB Credit						20872
SMR Project Magnet	SMR MARP 2007	356.65	2007	various	3188.64	17683.36
Transhipment 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 (Eucalyptus Oleosa)	36	2011	8:1	288	12218.53
IBMA WRD's	IBMA PEPR WPC-059 (Casuarina pauper)	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



	SIMEC Mining SEB credit ledger					
IBMA surplus (credit)	IBMA PEPR WPC-083 (credit reduced from 059)	-0.9	2012	8:1	-7.2	12124.89
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 12NRMO875	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; TSF's 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
Totals		2186.995			17957.47	2914.53



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

Table 16 provides a summary of the complaints received during 2017. SIMEC continues to actively work with the complainants to address the concerns.

Table 16 Complaints register – IKMA (1 January to 31 December 2017)

Complaint reference	Complaint type	Date Complaint Received	Was the complaint a result of a PEPR non-compliance?	Resolution date	Forward work plan
26/17	Dust Complaint	28/01/2017	No	28/01/2017	Continued focus on dust control strategies
29/17	Dust Complaint	2/04/2017	No	2/04/2017	Continued focus on dust control strategies
30/17	Dust Complaint	10/04/2017	No	10/04/2017	Continued focus on dust control strategies
31/17	Dust Complaint	17/04/2017	No	17/04/2017	Continued focus on dust control strategies
32/17	Dust Complaint	21/04/2017	No	21/04/2017	Continued focus on dust control strategies
11/18 ¹	Dust from IKMA	27/09/2017	No	27/09/2017	Continue to notify residents

Note: 1. The change in number sequence is due to SIMEC Mining's Complaints Register running over the financial year.



15 MANAGEMENT SYSTEM REVIEWS

15.1 ISO AS/NZS 14001 Audit

In October 2017, SAI Global (2015) completed an audit of Liberty OneSteel Whyalla Steelworks and SIMEC Mining as part of its ISO AS/NZS 14001 certification program (certificate number C10317). The audit occurred shortly after GFG Alliance took ownership of the former OneSteel and Arrium Mining businesses from the administrators and moved them both out of Voluntary Administration.

The purpose of the audit was to determine implementation of the businesses' 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 found the Environmental Management System (EMS) to be effective, and the businesses committed to the intent and requirements of the ISO14001:2015 standard, an upgrade from the previous ISO 14001:2004 certification. The audit recognised the company's efforts by management and staff top achieve compliance to the upgraded standard in a turbulent period for the company.

The audit found that "...new elements such as organisational context were already well understood and embedded within the organisation and have now been effectively included within the scope of its EMS...(and that)...your management system is effective in ensuring that the organisation can reasonably expect to achieve its defined objectives." (SAI Global p.4)

The audit identified four minor non-conformances. These minor non-conformances were assigned corrective actions and placed in the company's issues management system for tracking and close-out. No major 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 2017, SIMEC Mining completed 10 internal inspections and audits at IKMA (Table 17).



Table 17 SIMEC Mining internal audits & reviews

Date	Audit Type	Classification
12/04/2017	Weeds Audit	Internal Site
26/04/2017	Environment Regulatory Compliance Audit	Internal Independent
28/04/2017	Stormwater Infrastructure Inspection	Internal Site
April 2017	MBR Vegetation Dust Impact Inspection Report	Internal Site
27/07/2017	Stormwater Infrastructure Inspection	Internal Site
5/09/2017	Waste Management	Internal Site
5/09/2017	Bunding Audit	Internal Independent
5/09/2017	Topsoil Stockpile Inspection	Internal Site
17/10/2017	Stormwater Infrastructure Inspection	Internal Site
November 2017	Vegetation Dust Impact Inspection Report IKMA	Internal Site



16 VERIFICATION OF UNCERTAINTY

Assumptions of uncertainties related to IKMA operations in 2017 are provided in Table 18.

Table 18 Uncertainties in relation to compliance for IKMA in 2017

		·		
Description of assumption of uncertainty	Estimated date to resolve	Progress in reporting period	Confirmed	Forward work plan
Continued dust complaints and mine-derived dust staining of vegetation	Ongoing	Ongoing photo monitoring at points established in consultation with the land holder. Construction of the bunds (the major source of dust deposition) is now complete. Rehabilitation of the Princess East Bund commenced in 2017, with completion targeted in 2018.	No	Continuous observation and assessment; continued focus on dust control strategies.
On 16 May 2017 DPC approved the revised IKMA PEPR (PEPR2017/004), including Matters Subsequent to the Approval. These required the Company to undertake a site-specific geotechnical study for the Iron Princess East pit to establish the abandonment bund criteria that will ensure achievement of the post-mine completion outcomes; public safety; third party property and adjacent landuse, and to report the findings to DPC within 3 months of the date of PEPR Approval (16 May 2017).	15 August 2017	Geotechnical report submitted to DPC 11 August 2017.	Complete	Nil
Additionally, DPC required SIMEC to engage and consult with DPTI on the report and its outcome.		Following consultation with DPTI, SIMEC confirmed to DPC that the Eyre Highway was not expected to be impacted by the long-term performance of the Iron Princess East walls (SIMEC reference e1328, dated 5 September 2017).		



17 CHANGE TO MINING OPERATIONS AND EMERGING ENVIRONMENTAL HAZARDS

17.1 Changes to mining operations

The IKMA Integrated Processing Facility (IPF) commenced operations mid-2017.

17.2 Emerging environmental hazards

No emerging environmental hazards were identified in 2017.



18 TECHNICAL REPORTS

A summary of technical data, studies and reports relevant to the IKMA that were generated during the reporting period 1 January – 31 December 2017 are listed in Table 19 and Table 20.

Table 19 IKMA technical data, studies and reports - 2017

Report	Author
Middleback Range Mining Operations, Iron Princess Abandonment	Peter O'Bryan & Associates
MI 277_ IKMA IKMA PEPR Monarch Pit Tailings PAF/NAF Potential Independent Review	LBWEP
MI 280_MBR Veg-dust impact inspection	Arrium Mining
MI 281_IKMA Dust complaint	Arrium Mining
MI 283_IKMA 20160330_Iron Knob Hydrogeological Impact Assessment_FinalRev1	Jacobs Group
MI293_IKMA MBR Vegetation Dust Impact Monitoring	Terrestria

Table 20 SIMEC Mining internal audits & reviews

Date	Audit Type	Classification
12/04/2017	Weed Inspection	Internal Site
26/04/2017	Environment Regulatory Compliance Audit	Internal Independent
28/04/2017	Stormwater Infrastructure Inspection	Internal Site
April 2017	MBR Vegetation Dust Impact Inspection Report	Internal Site
27/07/2017	Stormwater Infrastructure Inspection	Internal Site
5/09/2017	Bunding Audit	Internal Independent
5/09/2017	Topsoil Stockpile Inspection	Internal Site
5/09/2017	Waste Management	Internal Site
17/10/2017	Stormwater Infrastructure Inspection	Internal Site
November 2017	Vegetation Dust Impact Inspection Report IKMA Internal Site	



19 VOLUNTARY INFORMATION

19.1 Community or wider environment support activities

19.1.1 Community sponsorship and support

SIMEC Mining's Community Support Program continues to assist its nearby communities by supporting ongoing and sustainable initiatives that provide:

- · welfare help for the less advantaged
- local youth with a range of opportunities to assist in their development for the future
- significant benefit to local communities usually in the way of major events or new or improved community facilities

Some of the ongoing programs of which SIMEC Mining is a major supporter include:

- The Smith Family's Learning For Life and Let's Read programs
- Foodbank Whyalla branch (including the Schools in Breakfast program)
- Whyalla Road Safety Centre
- Whyalla Hockey Association's Hockey in Schools program
- Whyalla Christmas pageant and carols
- Junk to Funk Youth Scholarship

19.1.2 Helping break the cycle of disadvantage

SIMEC Mining is the major supporter of Foodbank's School Breakfast Program.

The program assists local students who are attending school without having accessed a healthy breakfast – ensuring they have sufficient nourishment to start their school day.

These students are going to school without breakfast for a variety of reasons, and are at a disadvantage from the outset as studies have shown that students concentrate better after eating a healthy breakfast. This lack of concentration can often result in them falling behind in their studies, ultimately increasing the chances of the cycle of disadvantage continuing. By ensuring they have a decent meal to start each day, it helps set them up for success and provides them with a better chance of success at school.

Nineteen Whyalla schools and child care centres are now on board with the program, which is serving over 1000 children every week in Whyalla alone. The Whyalla Foodbank branch also covers the Upper Spencer Gulf and lower West Coast, where the program assists a further 19 schools and child care centres, and serves close to a further 1000 children per week.

19.1.3 Local employment opportunities

SIMEC Mining is supportive of employing local people, including supporting the employment of Barngarla Community members through the Walga Mining Crushing and Screening contract at Iron Knob.



19.2 Community engagement activities

19.2.1 Community consultation

SIMEC Mining has regular contact with key community representatives who provide feedback on mining operations and how these are seen from a community perspective. Regular contact is through:

- face-to-face meetings and phone email exchanges
- regular Environment Consultation Group (ECG) meetings, attended by a cross-section of the Whyalla community, chaired by state member for Giles, and attended by the EPA
- · regular meetings with landholders located near SIMEC Mining's operations
- regular community forums and open days in Iron Knob which include information on the IKMA operations as well as other SIMEC mining areas
- other forums, as required, on specific topics of interest with residents in Whyalla

19.2.2 Indigenous consultation

SIMEC Mining meets regularly with Barngarla community representatives regarding developments in the Indigenous Land Use Agreement (ILUA) area.

The ILUA between OneSteel (SIMEC Mining) and the Barngarla Native Title Claimants sets out clear heritage clearance protocols for both parties and includes protocols for notifications concerning proposed changes and developments within the ILUA area.

19.2.3 The Middleback Alliance

The Middleback Alliance (the Alliance) is a cooperative framework for sustainable land management across the Middleback Ranges and surrounding areas. The Alliance includes three major landholders in the region (SIMEC Mining, Natural Resources Eyre Peninsula (DEWNR) and Ecological Horizons).

By sharing resources and cooperatively delivering a works program across land boundaries, the Alliance delivers improved and sustainable land management outcomes.



20 REFERENCES

- Arrium Mining, 2017. IKMA Program for Environment Protection and Rehabilitation (PEPR2017/004), April 2017 (Doc. Ref: WPC-103, Revision 1), South Australia
- 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
- SAI Global Pty Limited, 2017. Surveillance audit for Liberty OneSteel Whyalla Steelworks; SIMEC Mining. Commercial in Confidence Report to Liberty OneSteel and SIMEC Mining.
- Terrestria Pty Ltd, 2017. Arrium Whyalla Middleback Range Mines: 2017 Flora Monitoring. Unpublished internal company report.



Appendix A: Certificate of Currency Combined General Liability & Umbrella Liability Insurance



Lloyd Pearson Senior Account Executive

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26 March 2018

CERTIFICATE OF CURRENCY COMBINED GENERAL LIABILITY & UMBRELLA 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 ONESTEEL & 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

PERIOD OF INSURANCE

From 31 October 2017 at 4:00pm local standard time to 31 October 2018 at 4:00pm local standard time

INSURER

LIMIT OF LIABILITY / LAYER	INSURER / POLICY NUMBER	
Primary	Zurich Australian Insurance Limited	
\$10,000,000	Policy No: 72 2232551 GLR	
Primary Umbrella	Zurich Australian Insurance Limited	
\$40,000,000	Policy No: 72 2232552 GLR	

INTEREST INSURED

Insured's legal liability in respect of property damage or personal injury arising out of an occurrence in connection with the Insured's business or products

LIMITS OF LIABILITY

\$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

TERRITORIAL LIMITS

Anywhere in the world



OTHER INTERESTS

This policy extends to cover Iron Knob Mining Area and the interests of the Minister for Mineral Resources and Energy has been noted

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

Yours faithfully,

Lloyd Pearson

Senior Account Executive