



Licence Number L7815/2001/11

Licence Holder Saracen Metals Pty Ltd

ACN 107 154 727

File Number: 2012/006911

Premises North Eastern Goldfields Operations

Mining tenements L36/155, L36/157, L36/158, L36/181, L36/193, L36/199, L36/202, L37/61, L37/73, L37/142, L37/166, L37/181, L37/199, L37/215, L37/216, M36/35, M36/177, M36/421, M36/428, M36/462, M36/473, M36/494, M36/503, M36/504, M36/512, M36/525, M36/527, M36/541, M36/542, M36/582, M37/339, M37/340, M37/356, M37/357, M37/358, M37/359, M37/360, M37/361, M37/465, M37/367, M37/368, M37/437 and M36/599

Date of Amendment 17/09/2018

Amendment

The Chief Executive Officer (CEO) of the Department of Water and Environmental Regulation (DWER) has amended the above Licence in accordance with section 59 of the *Environmental Protection Act 1986* (EP Act), as set out in this Amendment Notice. This Amendment Notice constitutes written notice of the amendment in accordance with section 59B(9) of the EP Act.

Date signed; 17 September 2018

Tim Gentle

Manager, Resource Industries

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA).

Definitions and interpretation

Definitions

In this Amendment Notice, the terms in Table 1 have the meanings defined.

Table 1: Definitions

Term	Definition
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department Administering the <i>Environmental Protection Act 1986</i> Locked Bag 33 Cloisters Square PERTH WA 6850 info@dwer.wa.gov.au
DWER	Department of Water and Environmental Regulation
Licence Holder	Saracen Metals Pty Ltd
mtpa	million tonnes per annum

Amendment Notice

This amendment is made pursuant to section 59 of the *Environmental Protection Act 1986* (EP Act) to amend the Licence issued under the EP Act for a prescribed premises as set out below. This notice of amendment is given under section 59B(9) of the EP Act.

The following guidance statements have informed the decision made on this amendment:

- *Guidance Statement: Regulatory Principles* (July 2015)
- *Guidance Statement: Decision Making* (February 2017)
- *Guidance Statement: Risk Assessment* (February 2017)

Amendment description

DWER received an application to amend Licence L7815/2001/11 to increase the annual throughput of the process plant from 2.6 million tonnes per annum (mtpa) to 3.0 mtpa. This amendment also will include the Otto Bore Project tenement (M36/177) to the premises boundary.

Amendment history

Table 2 provides the amendment history for L7815/2001/11.

Table 2: Licence amendments

Instrument	Issued	Amendment
L7815/2001/11	29 January 2015	Licence amendment
L7815/2001/11	29 October 2015	Licence amendment to move out of care and maintenance, increasing throughput for category 5 to 2.6 Mtpa.
L7815/2001/11	4 April 2016	Licence amendment to add categories 64 and 85.
L7815/2001/11	11 November 2016	Licence amendment to add Bannockburn tenements and tenements for the connecting haul road and pipeline to Thunderbox as part of the North Eastern Goldfield Operations' Premises. Removal of monitoring bore MB3. Correction to the power plant generators description.
L7815/2001/11	31 October 2017	Licence amendment to authorise construction of stage 6 embankment lift to TSF Cell A.
L7815/2001/11	11 April 2018	Licence amendment to authorise expansion of TSF Cell A and Cell B to abut the Eastern Waste Dump.
L7815/2001/11	17 September 2018	Licence amended to increase category 5 to 3.0 mtpa and to include M36/177 onto premises.

Decision

No conditional changes are required to reflect the amendment. The increase in production will be undertaken through the expected change in ore source to a softer rock, meaning less energy required in the crushing process.

The Licence Holder has commissioned Knight Piésold Pty Limited (KP) to review the mine's tailings deposition strategy to deal with the expected increase in tailings associated with the increase in production.

Licence Holder's comments

The Licence Holder was provided with the draft Amendment Notice on 7 September 2018. Comments received from the Licence Holder have been considered by the Delegated Officer as shown in Appendix 2.

Amendment

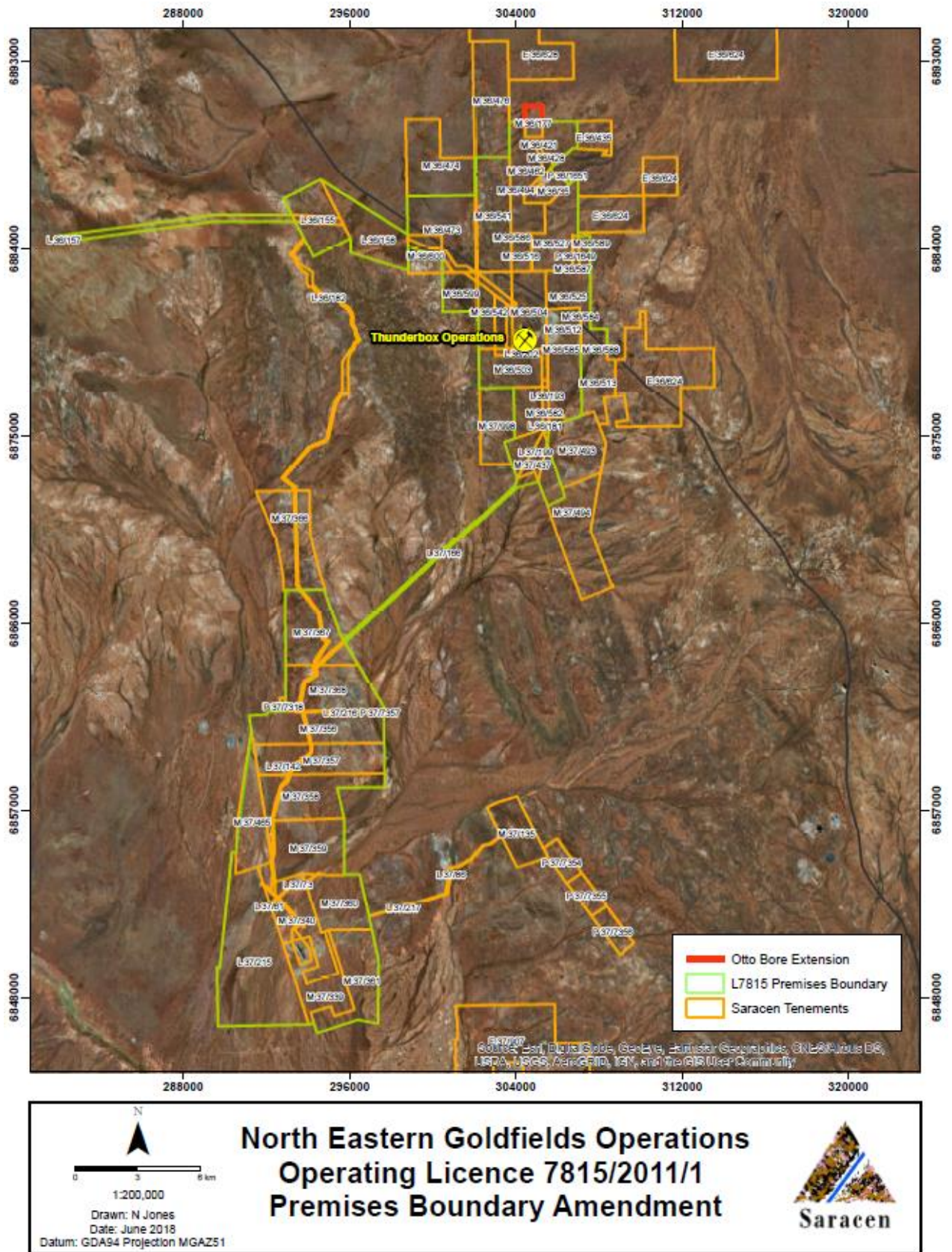
1. The prescribed premises capacity table location is amended by the deletion of the text shown in strikethrough below and by the insertion of the red text shown in underline below:

Category number	Category description	Category production or design capacity	Approved Premises production or design capacity
5	Processing or beneficiation of metallic or non-metallic ore.	50 000 tonnes or more per year	2 600 000 <u>3 000 000</u> tonnes per annual period
6	Mine dewatering-	50 000 tonnes or more per year	450 000 tonnes per annual period
52	Electric power generation	10 megawatts or more in aggregate (using a fuel other than natural gas)	14.8 MW in aggregate
64	Class II putrescible landfill	20 tonnes or more per year	5000 tonnes per annual period
73	Bulk chemical storage	1 000 cubic metres in aggregate	105 000 cubic metres in aggregate
85	Sewage facility: premises (a) On which sewage is treated (excluding septic tanks); or (b) From which treated sewage is discharged onto land or into waters	More than 20 but less than 100 m ³ per day	<u>470</u> m ³ per day

2. The licence premises address is amended by the insertion of the mining tenements in red and underlined below:

- M36/177

3. The licence is amended by the removal of Figures 1, 2 and 3 of “Schedule 1: Maps” and the insertion of the below map:



Licence: L7815/2001/11

IR-T07 Amendment Notice (Minor) v2.0 (July 2017)

Appendix 1: Key documents

	Document title	In text ref	Availability
1	Licence L7825/2001/11 – Saracen Thunderbox Mine	L7825/2001/11	accessed at www.dwer.wa.gov.au
2	DER, July 2015. <i>Guidance Statement: Regulatory Principles</i> . Department of Environment Regulation, Perth.	DER 2015a	accessed at www.dwer.wa.gov.au
3	DER, November 2016. <i>Guidance Statement: Risk Assessments</i> . Department of Environment Regulation, Perth.	DER 2016b	
4	DER, November 2016. <i>Guidance Statement: Decision Making</i> . Department of Environment Regulation, Perth.	DER 2016c	

Appendix 2: Summary of Licence Holder comments

The Licence Holder was provided with the draft Amendment Notice on 7 September 2018 for review and comment. The Licence Holder responded on 13 September 2018. The following comments were received on the draft Amendment Notice.

Condition	Summary of Licence Holder comment	DWER response
1. Premises capacity table	Category 85 capacity changes from 40m ³ to 70m ³ .	Changes made – no additional assessment required.