

# **Partial Relinquishment Report**

**on**

**EL 7/2010 – “Conara”**

**Reporting Period:** 14 September 2011 – 13 September 2019

**Project Operator:** ABx4 Pty Ltd

**Address:** Level 2, 131 Macquarie Street, Sydney, NSW, 2000

**Authors:** M.J. Smith and I Levy

**Date:** 12 June 2020

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# 1 ABSTRACT

## Objective

Exploration Licence No. 7/2010 “Conara” was applied for in order to facilitate an exploration program to discover economically viable deposits of bauxite associated with Tertiary Volcanics, in an area with old penneplained surfaces preserved as plateaus. The goal of the program was to determine the quality and quantity of the bauxite in the area by surface mapping and where appropriate using an RC drill rig mounted on a light 12 tonne truck.

## Methodology

1. Detailed geological mapping, including geomorphological mapping, to define the areas with best potential for bauxite.
2. Systematic sampling of natural outcrops and exposures in road cuts of bauxite profile.
3. Chemical analyses of samples, including specialist analyses to determine total and available alumina, total and reactive silica, loss on ignition and other analyses as required in the bauxite search.
4. Drill testing of zones with best potential defined by work under 1, 2 and 3, by an RC drill rig mounted on a light Mitsubishi truck to get samples representing the whole bauxite profile.
5. Systematic drill testing at close spacing's to obtain data for resource estimation in the best target areas defined by programme under 4.

ABx4 Pty Ltd (“ABx4”) conducted field work over much of the area. Surface sampling was followed up with reverse circulation aircore drilling in 2011 and 2012. Two land parcels relinquished in 2017 had been explored by surface mapping and sampling which delivered mixed assay results (see relinquishment report August 2017).

No work was done on three stand-alone units relinquished in 2017 because one covered Campbell Town residential areas and two covered large lakes that would make mining unacceptable.

Most work by ABx4 has been done at three locations where bauxite formations are more widespread, all three of which are within the area being retained:

1. The Bald Hill Bauxite Project area located on the Quorn Hall property 5km Northwest of Campbell Town and now covered by Mining Lease ML1961 P/M

Based on 227 holes totalling 1,896 metres drilled, the following JORC-Compliant resource estimate was produced prior to mining at Bald Hill in September 2014 and revised in January 2016.

Region	Resource Category	Million Tonnes	Thickness (m)	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	LOI	Al <sub>2</sub> O <sub>3</sub> Avl	Rx SiO <sub>2</sub>	% Lab Yield	O'Burden (m)	Int.Waste (m)
				%	%	%	%	%	@143°C %	%	%	%	%
BALDHILL	Inferred	1.3	3.0	42.6	3.5	25.4	3.5	24.6	36.7	3.0	50	2.1	0.1
CAMPBELL TOWN	Indicated	1.4	3.2	42.5	3.2	26.4	3.0	24.5	36.2	2.8	55	1.8	0.1
	Total	2.7	3.1	42.5	3.3	25.9	3.3	24.5	36.5	2.9	52	2.0	0.1

**Explanations:** All resources 100% owned & unencumbered. Resource tonnage estimates are quoted as in-situ, pre mined tonnages. All assaying done at NATA-registered ALS Laboratories, Brisbane. **Chemical definitions:** Leach conditions to measure available alumina "Al<sub>2</sub>O<sub>3</sub> Avl" & reactive silica "Rx SiO<sub>2</sub>" is 1g leached in 10ml of 90gpl NaOH at 143°C for 30 minutes. LOI = loss on ignition at 1000°C. "Avl/Rx" ratio is (Al<sub>2</sub>O<sub>3</sub> Avl)/(Rx SiO<sub>2</sub>) and "A/S" ratio is Al<sub>2</sub>O<sub>3</sub>/SiO<sub>2</sub>. Values above 6 are good, above 10 are excellent. Tonnage is for bauxite in-situ. **Lab Yield** is for drill dust samples screened by ALS lab at 0.26mm. Production yields are not directly related and are typically between 60% and 75%. Tonnages requiring no upgrade will have 100% yield. **Resource estimates exclude** large tonnages of potential extensions, overburden & interburden detrital bauxite and

2. The Fingal Rail bauxite project area located 8km East of Conara village.

Based on 361 holes totalling 4,980 metres drilled, the following JORC-Compliant resource estimate was produced in August 2016:

Region	Resource Category	Million Tonnes	Thickness (m)	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	LOI	O'Burden (m)	Int.Waste (m)
				%	%	%	%	%		
Fingal Rail Cement-Grade Bauxite	Inferred	2.4	3.3	30.9	19.5	35.4	3.9	16.7	1.9	0.1
	Indicated	3.9	3.8	31.1	19.0	35.2	4.0	16.9	1.7	0.1
	<b>Total</b>	<b>6.3</b>	<b>3.6</b>	<b>31.0</b>	<b>19.2</b>	<b>35.3</b>	<b>4.0</b>	<b>16.8</b>	<b>1.8</b>	<b>0.1</b>

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3. The Nile Road bauxite project area located 12km North of Fingal Rail project.

Based on 86 holes totalling 732 metres drilled, the following non-JORC-Compliant resource estimate was produced in February 2015:

Nile Road Bauxite		1.95 SG		Sieved 0.26mm							Unsieved "Raw"											
Region	Resource Category	Million Tonnes	Thickness	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	LOI	Al <sub>2</sub> O <sub>3</sub> Avl @143°C	Rx SiO <sub>2</sub>	Lab Yield	O'Burden	Int. Waste	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	A/S	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	LOI	Al <sub>2</sub> O <sub>3</sub> Avl @143°C	Rx SiO <sub>2</sub>	Avl/Rx
				%	%	%	%	%	%	%	%	%	%	m	m	%	%	ratio	%	%	%	%
Nile Rd	Inferred	0.73	3.8	44.4	3.6	22.2	3.8	25.4	39.1	3.0	46	1.71	0.19	34.4	8.7	4	30.7	5.6	20.1	23.8	8.0	3
<b>Totals</b>		<b>0.73</b>	<b>3.8</b>	<b>44.4</b>	<b>3.6</b>	<b>22.2</b>	<b>3.8</b>	<b>25.4</b>	<b>39.1</b>	<b>3.0</b>	<b>46</b>	<b>1.71</b>	<b>0.19</b>	<b>34.4</b>	<b>8.7</b>	<b>4</b>	<b>30.7</b>	<b>5.6</b>	<b>20.1</b>	<b>23.8</b>	<b>8.0</b>	<b>3</b>

**Explanations:** All resources 100% owned & unencumbered. Resource tonnage estimates are quoted as in-situ, pre mined tonnages. All assaying done at NATA-registered ALS Laboratories, Brisbane. **Chemical definitions:** Leach conditions to measure available alumina "Al2O3 Avl" & reactive silica "Rx SiO2" is 1g leached in 10ml of 90gpl NaOH at 143°C for 30 minutes. LOI = loss on ignition at 1000°C. "Avl/Rx" ratio is (Al2O3 Avl)/(Rx SiO2) and "A/S" ratio is Al2O3/SiO2. Values above 6 are good, above 10 are excellent. Tonnage is for bauxite in-situ. **Lab Yield** is for drill dust samples screened by ALS lab at 0.26mm. Production yields are not directly related and are typically between 60% and 75%. Tonnages requiring no upgrade will have 100% yield. **Resource estimates exclude** large tonnages of potential extensions, overburden & interburden detrital bauxite and underlying transitional bauxite mineralisation. Production will clarify this.

These three projects account for 674 drillholes totalling 7,608 metres.

Within the Conara EL 7/2010, there were a total of 708 drillholes totalling 7,867 metres. Therefore 34 drillholes totalling 259 metres were drilled in areas outside of these three projects.

Drill samples from these 34 drillholes were logged and selected samples were sent for assay at the ALS Laboratory in Brisbane. Unfortunately, a detailed assessment has concluded that the 34 drillholes contained no widths and grades that may be considered of interest and these areas are being relinquished.

## 2 INTRODUCTION

### Exploration Rationale

Exploration Licence (EL) 7/2010 “Conara” was applied for in order to facilitate an exploration program to discover economically viable deposits of bauxite associated with Tertiary Volcanics, in an area with old peneplained surfaces preserved as plateaus. The goal of the program was to determine the quality and quantity of the bauxite in the area by field mapping and sampling, and where appropriate, using an RC drill rig mounted on a light 12 tonne truck.

### Geological Setting

The historic work done by H.B. Owen (‘Bauxite in Australia’, 1954) demonstrated that Bauxite in Tasmania can form from either Jurassic Dolerite or Tertiary Basaltic Volcanics. According to Owen, these bauxite deposits - regardless of parent rock type - are thought to form either as ‘grouped remnants of former continuous sheet’ or ‘formed in lenticular or pod shaped bodies in localised depressions’.

### Tenement Information

EL7/2010 “Conara” was granted on and from 14 September 2010 for a period of 5 years to ABx4. On 9 December 2016, adjacent ABx4-held tenement EL6/2010 “Cleveland” was consolidated into the EL7/2010 area, which prior to the 2017 proposed relinquishment altogether made up 184km<sup>2</sup>.

Three Extensions-of-Term (i.e. renewal) applications have been approved since such that the current tenement expiry was 13 September 2019. A further Extension-of-Term was lodged in September 2019 covering an area of 27 km<sup>2</sup> and this application is being processed.

This Partial Relinquishment Report has been written to document the exploration works conducted on the 102 km<sup>2</sup> of land being surrendered from the EL7/2010 tenement at the end of the ninth reporting period. The application for partial surrender was lodged on 30th March 2020, and was approved by the Chief Government Geologist on 6<sup>th</sup> April 2020.

The remaining area is currently being processed for renewal.

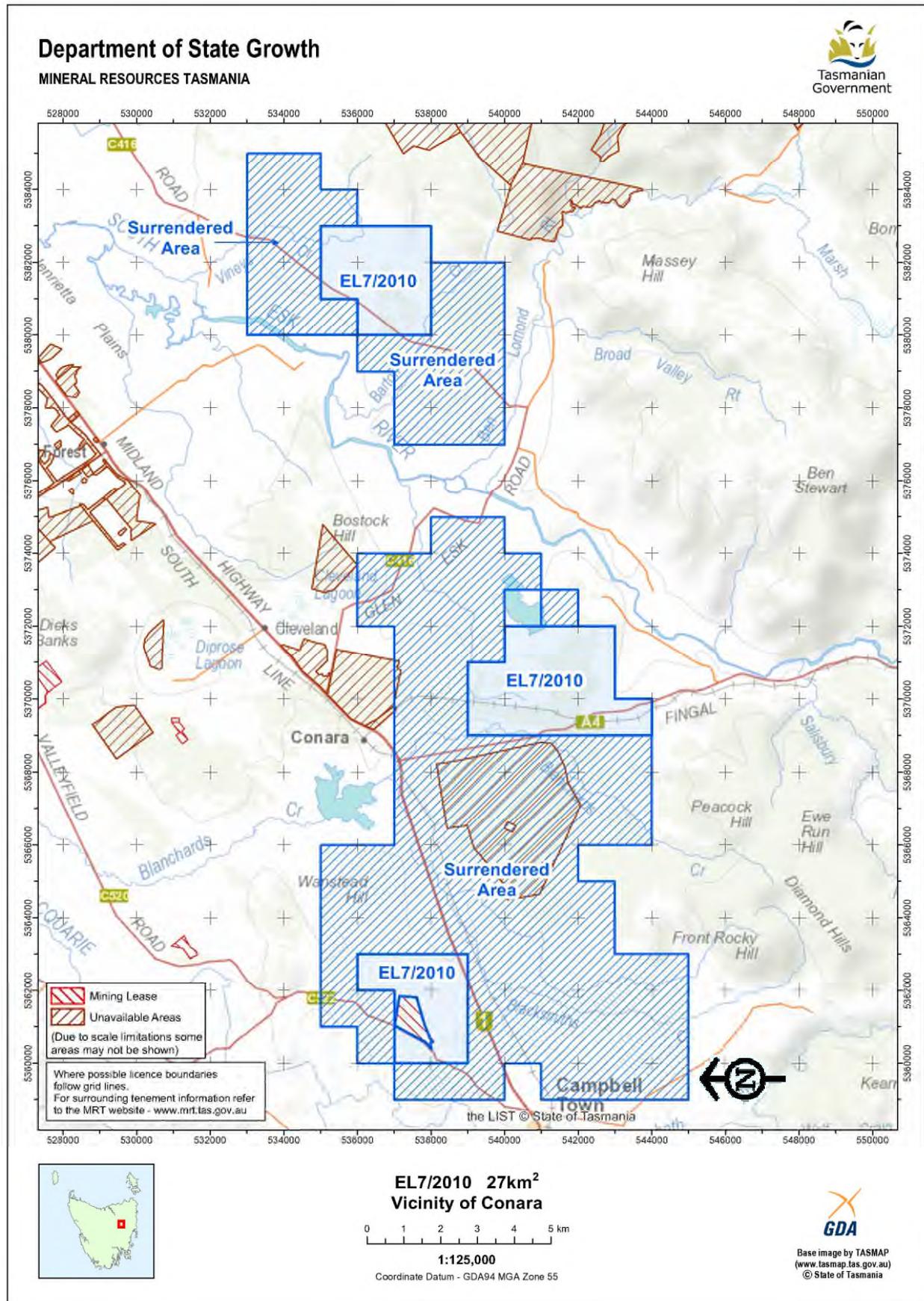
The licence category is Mineral Category 1 – Metallic Minerals and Atomic Substances.

### Tenure, including joint venture details and title transfers

EL 7/2010 “Conara” is 100% owned by ABx4 which is a wholly-owned subsidiary of Australian Bauxite Limited (ASX: ABX).

### Location

The Conara tenement is centred on the railway town of Conara where there is a railway siding and active railway. The tenement is only 90km from the large operating port at Bell Bay and the Midlands highway passes through the centre of the tenement. The Conara tenement is ideally located for both rail and road transport to the port. EL 7/2010 is close to the City of Launceston which could offer a wide range of services and skilled work force. The majority of the land usage in the tenement is private reserves, natural forest and agricultural land with land categories 4-6.



Map 1. Location Map of EL 7/2010 “Conara”. Areas currently approved for relinquishment are cross-hatched. Coordinates are in metres (MGA94 Zone 55).

### **3 REVIEW OF PREVIOUS WORK**

#### **Prior to Current Tenement**

Historical references for bauxite in the Conara Tenement are reported by H.B. Owen in his 1954 Bulletin 24 “Bauxite in Australia”, which was the basis for Initial exploration of the area.

## 4 EXPLORATION COMPLETED

### Current Year of Tenure

Only a desktop prospectivity review was undertaken in the current year of tenure, the results of which led to the current designation of 102km<sup>2</sup> for relinquishment. The rationale for relinquishment can be found in the ‘Conclusions & Recommendations’ section of this report.

### First Nine Years of Tenure

#### Sampling

ABx4 Pty Ltd (“ABx4”) conducted field work over much of the area proposed for relinquishment. Mapping of prospective bauxite formations was the main task carried out. Any areas of significant bauxite formation with potential for mining were targeted for drill testing which was the main exploration method used.

Selective surface samples were collected to check on some areas of marginal quality bauxite and these samples returned mixed assay results. Surface samples are not considered reliable indicators of the bauxite quality throughout the full section of the bauxite horizon.

<b>Table 1 LOCATION OF ROCK SAMPLING BY ABx4 Pty Ltd WITHIN EL7/2010</b>								
<b>Position by GPS with 5m accuracy, DATUM GDA94 - MGA Zone 55</b>								
X	Y	FIELD NUMBER	LOCALITY	SAMPLE TYPE	DRILL ID	DEPTH FROM	DEPTH TO	ID
538,158	5,380,284	TA547	Conara EL7/2010	Outcrop	n.a.	0	0	172594
538,122	5,380,431	TA548	Conara EL7/2010	Outcrop	n.a.	0	0	172595
538,991	5,380,401	TA544	Conara EL7/2010	Outcrop	n.a.	0	0	172592
538,158	5,380,284	TA546	Conara EL7/2010	Outcrop	n.a.	0	0	172593
538,122	5,380,431	TA549	Conara EL7/2010	Outcrop	n.a.	0	0	172596
538,378	5,380,596	TA550	Conara EL7/2010	Outcrop	n.a.	0	0	172597
534,205	5,383,637	TA534	Nile Road EL6/2010	Surficial	n.a.	0	0	167186
534,205	5,383,637	TA535	Nile Road EL6/2010	Surficial	n.a.	0	0	167187
533,681	5,382,356	TA538	Nile Road EL6/2010	Surficial	n.a.	0	0	167190
534,205	5,383,637	TA536	Nile Road EL6/2010	Surficial	n.a.	0	0	167188
534,268	5,383,511	TA537	Nile Road EL6/2010	Surficial	n.a.	0	0	167189



## Drilling

ABx4 completed drilling on three project areas of stronger bauxite formation, namely at Bald Hill located 5km Northwest of Campbell Town, Fingal Rail located 8km East of Conara and at Nile Road located 12km north of Fingal Rail – see Map 2. A total of 674 drillholes totalling 7,608 metres were drilled on these three projects.

Prior to the discovery of the three project areas, 34 drillholes totalling 259 metres had been drilled in areas outside of these three projects. These 34 holes are in the areas being relinquished.

Drilling samples were analysed and selected samples were sent to ALS Laboratory in Brisbane for assaying. All samples were of sub-economic grade due to either excess levels of clay (high reactive silica) or high iron and the resulting low levels of available Al<sub>2</sub>O<sub>3</sub>. See Appendix 1 for all drill results.

**Table 2.**

LOCATION OF REVERSE CIRCULATION HOLES DRILLED BY ABx4 Pty Ltd WITHIN EL7/2010								
Position by GPS with 5m accuracy, DATUM GDA94 - MGA Zone 55								
HOLE ID	TYPE	PROJECT	X	Y	Z	LENGTH	AZIMUTH	DIP
CN001	RC Aircore	Expln	541912	5360633	237	15	0	-90
CN002	RC Aircore	Expln	541746	5360380	234	10	0	-90
CN003	RC Aircore	Expln	541604	5360231	227	10	0	-90
CN004	RC Aircore	Expln	541452	5360160	227	5	0	-90
CN005	RC Aircore	Expln	541517	5360009	225	14	0	-90
CN006	RC Aircore	Expln	541152	5360707	228	5	0	-90
CN007	RC Aircore	Expln	541162	5360768	226	5	0	-90
CN008	RC Aircore	Expln	541233	5360902	221	4	0	-90
CN009	RC Aircore	Expln	540975	5360846	224	5	0	-90
CN010	RC Aircore	Expln	540926	5360850	223	2	0	-90
CN011	RC Aircore	Expln	542061	5360674	239	5	0	-90
CN012	RC Aircore	Expln	542199	5360653	237	6	0	-90
CN013	RC Aircore	Expln	542503	5360540	239	15	0	-90
CN014	RC Aircore	Expln	542315	5360527	239	10	0	-90
CN015	RC Aircore	Expln	542207	5360415	238	10	0	-90
CN016	RC Aircore	Expln	541865	5360411	236	12	0	-90
CN017	RC Aircore	Expln	542025	5360404	237	8	0	-90
CN018	RC Aircore	Expln	541853	5360545	233	8	0	-90
CN019	RC Aircore	Expln	541872	5360712	234	8	0	-90
CN020	RC Aircore	Expln	541742	5360730	229	5	0	-90
CN021	RC Aircore	Expln	541268	5360957	218	8	0	-90
CN022	RC Aircore	Expln	541461	5361291	230	8	0	-90
CN023	RC Aircore	Expln	541534	5361397	230	8	0	-90
CN024	RC Aircore	Expln	541389	5361424	-1	8	0	-90
CN025	RC Aircore	Expln	541336	5361461	-1	8	0	-90
CN026	RC Aircore	Expln	541301	5361440	231	5	0	-90
CN027	RC Aircore	Expln	541360	5361500	234	8	0	-90
CN028	RC Aircore	Expln	541258	5361503	230	5	0	-90
CN029	RC Aircore	Expln	541141	5361582	226	5	0	-90
CN030	RC Aircore	Expln	541011	5361603	227	5	0	-90
CN031	RC Aircore	Expln	540887	5361618	229	8	0	-90
CN032	RC Aircore	Expln	540739	5361676	228	5	0	-90
CN033	RC Aircore	Expln	542678	5360452	240	11	0	-90
CN034	RC Aircore	Expln	542176	5360294	229	5	0	-90

Appendix 1 lists all data from these 34 holes drilled on EL7/2010 in areas being relinquished.



## 5 DISCUSSION OF RESULTS

ABx4 Pty Ltd (“ABx4”) conducted field work over much of the area proposed for relinquishment, concentrating on mapping with occasional surface samples to aid mapping. Surface samples were collected throughout the northernmost land parcel. The results of sample assays were mixed.

In the area East of Campbell Town, ABx4 drilled 34 holes totalling 259 metres with indifferent results – see Appendix 1 for results. The 34 unsuccessful Drillholes are all in the areas being relinquished.

ABx4 subsequently completed scout drilling and follow-up drilling on (1) the Bald Hill Bauxite Project deposits located 5km Northwest of Campbell Town and (2) on the Fingal Rail deposit located 8km East of Conara and (3) on the Nile Road deposit located 12km North of Final Rail.

Most work by ABx4 has been done at three locations where bauxite formations are more widespread, all three of which are within the area being retained:

1. The Bald Hill Bauxite Project area located on the Quorn Hall property 5km Northwest of Campbell Town and now covered by Mining Lease ML1961 P/M

Based on 227 holes totalling 1,896 metres drilled, the following JORC-Compliant resource estimate was produced prior to mining at Bald Hill in September 2014 and revised in January 2016.

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BALDHILL	Inferred	1.3	3.0	42.6	3.5	25.4	3.5	24.6	36.7	3.0	50	2.1	0.1
CAMPBELL TOWN	Indicated	1.4	3.2	42.5	3.2	26.4	3.0	24.5	36.2	2.8	55	1.8	0.1
	Total	2.7	3.1	42.5	3.3	25.9	3.3	24.5	36.5	2.9	52	2.0	0.1

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2. The Fingal Rail bauxite project area located 8km East of Conara village.

Based on 361 holes totalling 4,980 metres drilled, the following JORC-Compliant resource estimate was produced in August 2016:

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				%	%	%	%	%	(m)	(m)
Fingal Rail Cement-Grade Bauxite	Inferred	2.4	3.3	30.9	19.5	35.4	3.9	16.7	1.9	0.1
	Indicated	3.9	3.8	31.1	19.0	35.2	4.0	16.9	1.7	0.1
	Total	6.3	3.6	31.0	19.2	35.3	4.0	16.8	1.8	0.1

**Explanations:** All resources 100% owned & unencumbered. Resource tonnage estimates are quoted as in-situ, pre mined tonnages. All assaying done at NATA-registered ALS Laboratories, Brisbane. **Chemical definitions:** Leach conditions to measure available alumina "Al<sub>2</sub>O<sub>3</sub> Avl" & reactive silica "Rx SiO<sub>2</sub>" is 1g leached in 10ml of 90gpl NaOH at 143°C for 30 minutes. LOI = loss on ignition at 1000°C. "Avl/Rx" ratio is (Al<sub>2</sub>O<sub>3</sub> Avl)/(Rx SiO<sub>2</sub>) and "A/S" ratio is Al<sub>2</sub>O<sub>3</sub>/SiO<sub>2</sub>. Values above 6 are good, above 10 are excellent. Tonnage is for bauxite in-situ. **Lab Yield** is for drill dust samples screened by ALS lab at 0.26mm. Production yields are not directly related and are typically between 60% and 75%. Tonnages requiring no upgrade will have 100% yield. **Resource estimates exclude** large tonnages of potential extensions, overburden & interburden detrital bauxite and underlying transitional bauxite mineralisation. Production will clarify these materials.

**DISCUSSION OF RESULTS Cont**

3. The Nile Road bauxite project area located 12km North of Fingal Rail project.

Based on 86 holes totalling 732 metres drilled, the following non-JORC-Compliant resource estimate was produced in February 2015:

Nile Road Bauxite		1.95 SG		Sieved 0.26mm							Unsieved "Raw"											
Region	Resource Category	Million Tonnes	Thick-ness	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	LOI	Al <sub>2</sub> O <sub>3</sub> Avl @143°C	Rx SiO <sub>2</sub>	Lab Yield	O'Bur den	Int. Waste	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	A/S	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	LOI	Al <sub>2</sub> O <sub>3</sub> Avl @143°C	Rx SiO <sub>2</sub>	Avl/Rx
		<i>mt</i>	<i>m</i>	%	%	%	%	%	%	%	%	<i>m</i>	<i>m</i>	%	%	<i>ratio</i>	%	%	%	%	%	<i>ratio</i>
Nile Rd	Inferred	0.73	3.8	44.4	3.6	22.2	3.8	25.4	39.1	3.0	46	1.71	0.19	34.4	8.7	4	30.7	5.6	20.1	23.8	8.0	3
<b>Totals</b>		<b>0.73</b>	<b>3.8</b>	<b>44.4</b>	<b>3.6</b>	<b>22.2</b>	<b>3.8</b>	<b>25.4</b>	<b>39.1</b>	<b>3.0</b>	<b>46</b>	<b>1.71</b>	<b>0.19</b>	<b>34.4</b>	<b>8.7</b>	<b>4</b>	<b>30.7</b>	<b>5.6</b>	<b>20.1</b>	<b>23.8</b>	<b>8.0</b>	<b>3</b>

**Explanations:** All resources 100% owned & unencumbered. Resource tonnage estimates are quoted as in-situ, pre mined tonnages. All assaying done at NATA-registered ALS Laboratories, Brisbane. **Chemical definitions:** Leach conditions to measure available alumina "Al<sub>2</sub>O<sub>3</sub> Avl" & reactive silica "Rx SiO<sub>2</sub>" is 1g leached in 10ml of 90gpl NaOH at 143°C for 30 minutes. LOI = loss on ignition at 1000°C. "Avl/Rx" ratio is (Al<sub>2</sub>O<sub>3</sub> Avl)/(Rx SiO<sub>2</sub>) and "A/S" ratio is Al<sub>2</sub>O<sub>3</sub>/SiO<sub>2</sub>. Values above 6 are good, above 10 are excellent. Tonnage is for bauxite in-situ. **Lab Yield** is for drill dust samples screened by ALS lab at 0.26mm. Production yields are not directly related and are typically between 60% and 75%. Tonnages requiring no upgrade will have 100% yield. **Resource estimates exclude** large tonnages of potential extensions, overburden & interburden detrital bauxite and underlying transitional bauxite mineralisation. Production will clarify this.

These three projects account for 674 drillholes totalling 7,608 metres.

## **6 CONCLUSIONS AND RECOMMENDATIONS**

The areas relinquished from the original tenement were done so for various reasons including proximity to residential and infrastructural locations in the early years of this tenement.

However, the current proposed relinquishment areas are considered insufficiently endowed with bauxite to justify further exploration at this stage in the development of the Tasmanian bauxite business.

## 7 ENVIRONMENT

### **Surface Disturbing Operations:**

Surface disturbing activities occurring in the relinquished areas since grant were limited to the drilling of 24 Reverse Circulation (RC) drillholes which left a 9cm diameter hole in the ground.

In accordance with ABx's strict drilling policy, all holes were plugged at more than 1.5 metre depth using OctoPlugs as used in oil drilling and filled and packed-down immediately with drill chips from the hole after cessation of drilling each drillhole.

All sample bags were stacked into 4WD vehicles immediately and the sites cleaned immediately. Within a few weeks, especially after rain, no drillhole site can be identified.

No track clearing or site preparation was required as drilling was conducted on cleared to semi-cleared farmland predominantly used for grazing.

### **Surveys (archaeological, botanical):**

A botanical and fauna habitat survey was conducted for the Quorn Hall and adjacent properties in July 2013. This report was previously submitted as an appendix in the Third Annual Report for EL3/2012 and with the August 2017 EL7/2010 relinquishment report.

### **Rehabilitation:**

In accordance with ABx standard practice and policy, the drillholes were rehabilitated immediately after drilling. The method of rehabilitation was to cap at 1.5m depth using an "OctoPlug" and backfill the remaining hole with innocuous drillhole material and/or any excess topsoil.

All sample bags were stacked into 4WD vehicles immediately and the sites cleaned immediately. Within a few weeks, especially after rain, no drillhole site can be identified.

No track clearing or site preparation was required as drilling was conducted on cleared to semi-cleared farmland predominantly used for grazing.

All rehabilitation was done completely and to the satisfaction of the landholder.

### **ABx Paramount Policy:**

ABx endorses best practices on agricultural land, strives to leave land and environment better than we find it.

We only operate where welcomed.

## 8 REFERENCES

H.B. Owen (1954), Bauxite in Australia, Bulletin 24

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