

**Exploration Annual Report
EL 6/2005 – Cuprona
September 2019 to September 2020**

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On behalf of
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Care of Avebury Nickel Mine
Trial Harbour Road, Zeehan Tas

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Abstract

Due to restrictions and logistical difficulties associated with the COVID19 pandemic, there has been no physical work carried out on the Cuprona exploration license EL 6/2005. However some preliminary financial and geological desktop studies have been carried out and Lottah Mining Pty Ltd has committed to fulfilling the drilling deficit in addition to the requirements of the coming year.

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1.0 Introduction

1.1 Exploration Rationale

The primary objective of Lottah Mining Pty Ltd is to add further iron deposits to their existing JORC compliant iron resources both on and in proximity to EL 6/2005.

While iron ore is the primary focus, Lottah Mining Pty Ltd has assessed this tenement as being prospective for various other commodities including vein hosted copper mineralization and various skarn-associated commodities that it will extend it's focus to include.

1.2 Location and Access

EL 6/2005 covers 23 square kilometers and is located to the south-east of Burnie and encompasses Natone (see Figure 1.2.1 below).

Access to the license area has been deemed as good with Natone Road to the south-west and Cuprona Road to the north-east as well as various smaller forestry roads intersecting the tenement.

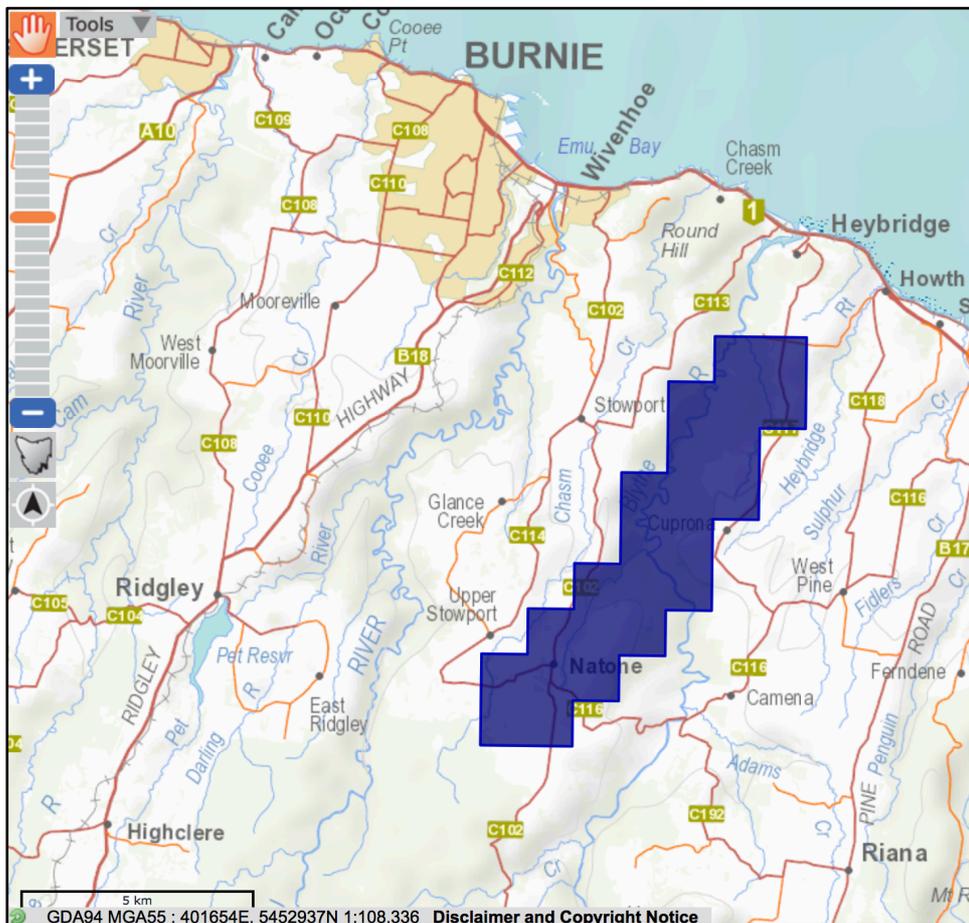


Figure 1.2.1 EL 6/2005 (Dark Blue) Location (Courtesy of LISTmap)

1.3 Land Status and Usage

Land usage within the tenement area is currently listed as a combination of agricultural, forestry and the Blythe River State Reserve.

1.4 Tenure

The Cuprona tenement, EL 6/2005, is held by Blythe River Iron Pty Ltd and managed by Lottah Mining Pty Ltd.

1.5 Geology

A comprehensive summary of the regional and deposit specific geology has been outlined in previous reports (MacDonald, 2019).

2.0 Summary of Previous Work

2.1 Prior to Current Tenement

A complete examination and summary of historic work carried out in the area of the tenement have been outlined in previous reports (MacDonald, 2019).

2.2 During Current Tenement

A tabular summary of major exploration events carried out by Lottah Mining Pty Ltd during the current tenement is listed below.

Table 2.2 Summary of Current Tenement Exploration

Year	Action	Details
2015	Drilling Program	16 Drillholes (11 RC & 5 Diamond)
2016	Resource Estimation	Northern Quarries deposit at Cuprona
2016/2017	Resource Re-Estimation	Northern Quarries deposit at Cuprona
2017	Drillhole (CKDD1)	1 Drillhole (Diamond) Copper King Mine target
2017	DHEM	Downhole EM survey on CKDD1
2017/2018	Mining Lease Application	Application rejected
2017/2018	Rock Sorting Test	Transmitted x-ray differentiation of Hematite/Silica
2018/2019	Sample Collection	Samples collected for further sorting testwork
2018/2019	Drillhole Planning	Planning for further drilling at Northern Quarries and South of Blythe River
2019/2020	Preliminary Financial Studies	Desktop financial studies

2.2.1 Drilling

A total of 17 drillholes, 6 diamond and 11 RC, have been drilled by Lottah Mining Pty Ltd on EL 6/2005. 16 of these were drilled in 2015 targeting hematite/magnetite at the southern and northern ends of the mineralisation trends (See Table 2.2.1). In 2017 a single hole (CKDD1) targeting extensions beneath the Copper King Mine was also drilled and a DHEM survey carried out.

Table 2.2.1 Summary of 2015 Drilling by Lottah Mining Pty Ltd

Hole ID	Easting	Northing	RL (m.a.s.l.)	Length (m)	Azimuth (true)	Dip	Sample Type	Company
15CUN001RC	412429.692	5445236.894	264.717	205.0	360	-90	RC	Lottah Mining Pty Ltd
15CUN002RC	412442.553	5445404.769	274.014	192.0	360	-90	RC	Lottah Mining Pty Ltd
15CUN003RC	412248.577	5445689.840	198.388	156.0	140	-60	RC	Lottah Mining Pty Ltd
15CUN004RC	412579.391	5445709.783	224.314	103.0	320	-60	Diamond	Lottah Mining Pty Ltd
15CUN005DD	412376.700	5445579.715	232.671	170.1	140	-55	Diamond	Lottah Mining Pty Ltd
15CUN006DD	412449.618	5445672.958	227.011	143.7	130	-85	Diamond	Lottah Mining Pty Ltd
15CUN007RC	412533.154	5445674.023	230.450	100.0	320	-60	RC	Lottah Mining Pty Ltd
15CUN008DD	412622.968	5445792.373	212.175	32.8	320	-55	Diamond	Lottah Mining Pty Ltd
15CUN009RC	412418.000	5445644.000	230.026	124.0	140	-60	RC	Lottah Mining Pty Ltd
15CUN010DD	412622.164	5445791.534	212.175	59.8	147	-70	Diamond	Lottah Mining Pty Ltd
15CUS001RC	411572.711	5444116.412	226.992	171.0	320	-55	RC	Lottah Mining Pty Ltd
15CUS002RC	411545.210	5444427.400	164.541	129.0	305	-55	RC	Lottah Mining Pty Ltd
15CUS003RC	411749.947	5444449.042	184.813	61.0	320	-55	RC	Lottah Mining Pty Ltd
15CUS004RC	411917.882	5444300.366	195.218	40.0	60	-55	RC	Lottah Mining Pty Ltd
15CUS005RC	411917.345	5444299.240	194.961	140.0	320	-55	RC	Lottah Mining Pty Ltd
15CUS009DD	411817.625	5444781.464	59.300	150.5	130	-55	Diamond	Lottah Mining Pty Ltd

3.0 Exploration Completed During Reporting Period

Due to the COVID19 pandemic, no physical work has been carried out on EL 6/2005, however preliminary financial studies and associated desktop geological studies have been carried out.

4.0 Discussion of Results

There are no results to discuss.

5.0 Conclusions

The progression of this tenement requires a number of further actions including but not limited to:

- Drilling sing hole at Natone and/or 2-3 shallow holes at Cuprona (total metrage: 150m)
- Additional 50 drillholes investigating surface rock samples (total metrage 3000m)
- Preliminary metallurgical study.

6.0 Environment

There are no outstanding environmental issues.

7.0 Expenditure

Expenditure Category	Cost (\$)
Geology	5,000
Geochemistry	0
Geophysics	0
Remote Sensing	0
Drilling	0
Gridding	0
Land Access	0
Rehabilitation	0
Feasibility Studies	9,000
Other	0
Administration	1,000
TOTAL	15,000

8.0 References

MacDonald, G., (2019). EL 6/2005 "Cuprona" Annual Report on Exploration. September 2019 to September 2020 – Lottah Mining Pty Ltd.