

EL 11/2011 – “Mangana”

Annual and Final Report on Exploration Activity

July 2016 to July 2017

Grant MacDonald
BSc (Hons), M.A.I.G.



Abstract

No work was carried out on the tenement in the reporting year.

The licence has reached its 5th and final anniversary and is not being renewed.

Table of Contents		page
1.0	Introduction	1
	1.1 Location	1
	1.2 Tenure	1
	1.3 Access	2
	1.4 Exploration Philosophy	2
2.0	Geology	3
3.0	Exploration Completed July 2014 to July 2015	4
4.0	Discussion of Results and conclusions	5
5.0	Environmental	6
6.0	References	7

Figures

1.1	Location of EL 11/2011 “Mangana” in Tasmania’s northeast. Tenement shape is as per prior to the partial relinquishment.	1
1.2	Retained and relinquished portions of EL 11/2011	2

1.0 Introduction

1.1 Location

EL 11/2011 is located in Tasmania's northeastern goldfields, just to the north of the Fingal Valley. Together with ML 4M/2013 the tenement covers the Mangana (except for a 1skm exclusion) and Tower Hill goldfields at the southern end of the Mangana-Lyndhurst trend.

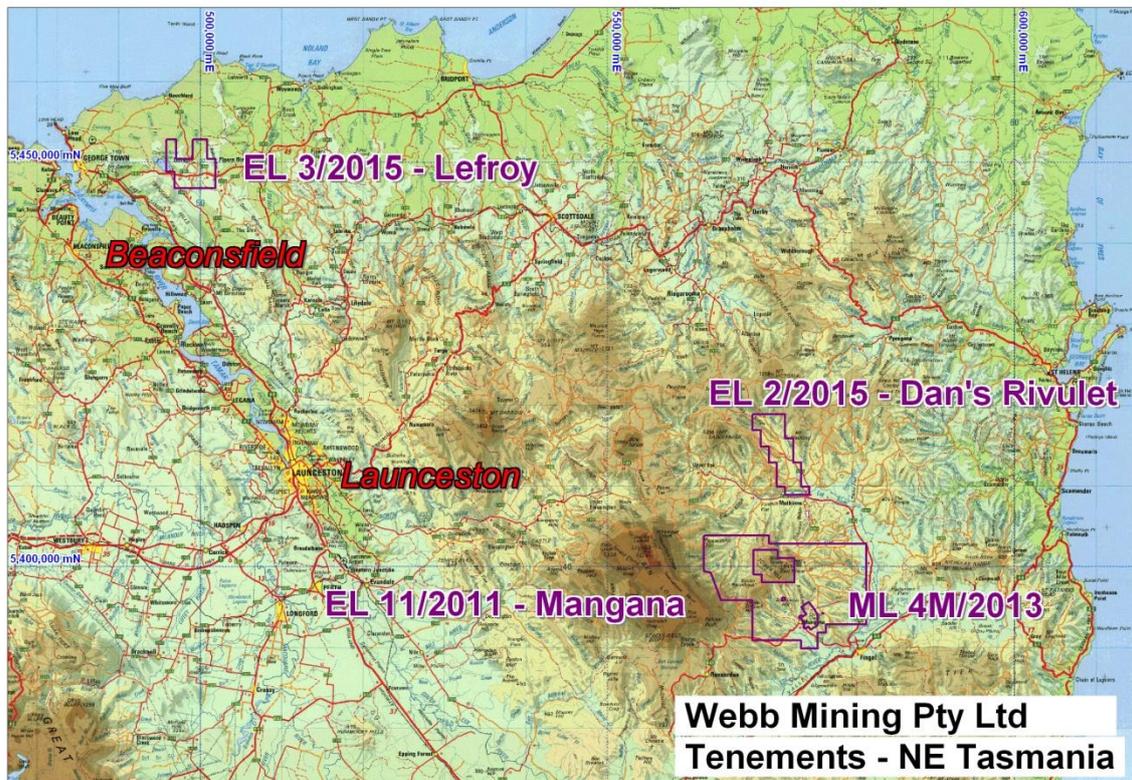


Figure 1.1: Location of EL 11/2011 “Mangana” in Tasmania’s northeast. Tenement shape is as per prior to the partial relinquishment.

1.2 Tenure

EL 11/2011 was granted to Webb Mining Pty Ltd on 11th July, 2011. A portion was relinquished in 2016 (see figure 1.2).

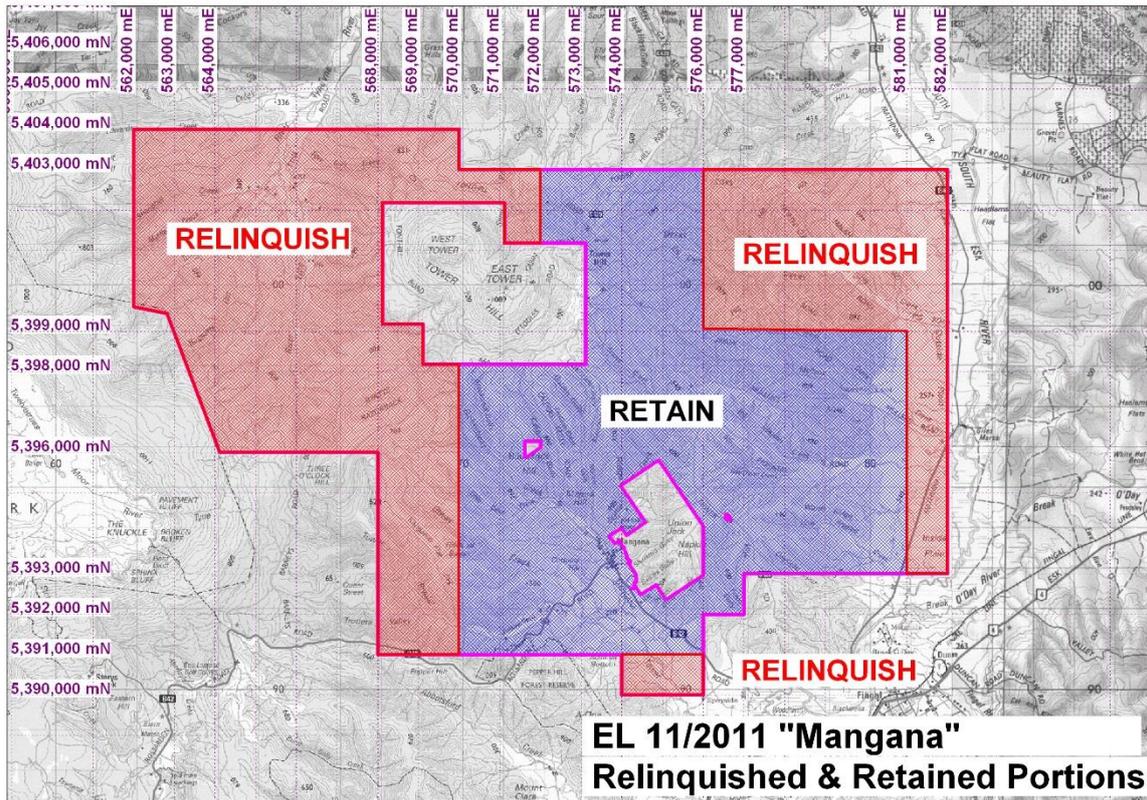


Figure 1.2: Retained and relinquished portions of EL 11/2011

1.3 Access

Access to the area is by bitumen road via Fingal. Access within the area is generally moderate with steep hills but commonly bush tracks along ridge lines.

1.4 Exploration Philosophy

Webb Mining Services Pty Ltd has decided to relinquish EL 11/2011 due to priorities elsewhere.

2.0 Geology

2.1 Regional Geology

The oldest rocks in EL 11/2011 are the folded quartzwacke turbidite sandstones, siltstones and shales of the Siluro-Devonian Panama Group of the Mathinna Supergroup ("Mathinna Beds"). These are moderately tightly folded on north-west striking sub-vertical fold axis with well developed axial planar cleavage. Deformation is attributed to the Middle Devonian Tabberraberran Orogeny.

These folded basement rocks are unconformably overlain by a sequence of essentially undeformed (other than slight tilting and normal faulting) sediments of the Permo-Triassic Parmeener Supergroup. The sediments vary from glacial-marine at the base through marine to freshwater sediments in the Triassic.

This unconformity surface defines a clear erosional break with the development of plains around the flanks of Tower Hill and along the lobe like ridges which extend from it such as Buckland Hill, Blackboy Ridge, Daylight Spur and Fonthill Farm.

Jurassic dolerite dykes intrude Byatts Razorback in the west of the licence.

3.0 Exploration Completed July 2015 to July 2016

No work was carried out on the tenement during the reporting year.

4.0 Results

There are no results to discuss.

5.0 Environmental

There are no outstanding environmental issues requiring addressing.

6.0 References

Corbett *et. al.* (2014). Geological Evolution of Tasmania. GSA.

MacDonald, G. (1996). EL 18/91 "Mangana". Annual Report to Mineral Resources Tasmania for Resolute Samantha Limited. unpub.

MacDonald, G. (2016). EL 11/2011 "Mangana". Annual report on exploration for Webb Mining Services Pty Ltd. unpub. report.