

RON GREGORY PROSPECTING

EL6/2016

WHYTE RIVER

TASMANIA

PARTIAL SURRENDER REPORT

18th MAY 2019

May 2019

Author:

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Datum: GDA

Distribution:

- 1. Mineral Resources Tasmania**
- 2. Ron Gregory**

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1 ABSTRACT

EL6/2018 (10 sq km) covers the area occupied by the historic Heazlewood (Pb & Ag), Jasper and New Jasper (Cu & Au), New Castray River (Au), Mt Stewart (Pb & Ag) and Mount Stewart Osmiridium field.

The initial target was the New Castray River Mine and the alluvial workings were located and mapped as was the surface workings of the Heazlewood Silver Lead Mine.

Continued discussions were held with Gauteng Refinery of South Africa regarding Osmiridium exploration, but due to current price of the metal no progress has been made on this venture.

2 INTRODUCTION

Exploration Licence 06/2016

Location: Whyte River, western Tasmania

Reporting period: 18th May 2018 – 17th May 2019

Tenement holder: Ron Gregory

Exploration rationale:

- Locate and assess the Castray and New Castray Gold Mine.
- Locate and assess the Heazlewood and South Heazlewood Mines.
- Locate and assess the Loughnan Creek Osmiridium workings.

EXPLORATION COMPLETED 2017 – 18

4.1 Regional exploration – Nil

4.2 Prospect based exploration

Research into historic newspaper reports for information regarding the Castray, New Castray Gold Mines and the Princess Gold and Osmiridium Mining Company.

Discussions were held with Gauteng Refinery of South Africa regarding possible Osmiridium production.

5. EXPLORATION COMPLETED 2018 – 19

5.1 Regional exploration – Nil

5.2 Prospect based exploration

5.2.1 Castray and New Castray alluvial gold workings

The alluvial workings were located and mapped. See **Figure 4**.

After much scrub bashing the main tailrace was located heading from south heading north to discharge into the Whyte River. There are forking piles along the tailrace. At least 6 Ha, possibly 10Ha or more of ground has been sluiced to bedrock. On the western side of the track (from Savage River Rd) immediately after crossing the Whyte River there is a face of cobbly alluvial terrace 1 – 1.5m thick. I presume the surface of the terrace is the original ground level. As the track heads south to the Castray River it goes through the sluiced area thus obliterating the workings. It was difficult to survey the area south west of the track due to thick scrub.

A narrow trench was located on the south bank of a bend in the Whyte River which I assume was to either divert the flow of the river at low water or a final tailrace for the sluicing of surrounding gravels. Although covered in rainforest the whole area is bedrock and all gravel has been removed.

Where Leven Creek enters the Whyte River there is a large hole separate from the river, filled with water. If the abovementioned trench was fed by water from a dam on the Whyte River at low water it may have allowed for the excavation of this water hole, similar to “Wing Damming”

Fine gold as well as cassiterite and what I presume are Luina Mine tailings can be panned in the orange/brown coloured water of the Whyte River at the track crossing.

An attempt was made to locate the hardrock New Castray Mine workings and crusher site but had to be abandoned until another time due to the thick scrub.

5.2.2 Heazlewood Silver Lead Mine

The surface stoping of the reef was located by handheld GPS, see **Figure 4**. The stoping is about 2m deep with surprisingly minimal mullock on either side of the excavation, so it is assumed it has been extracted via underground workings. The No. 3 Tunnel adit mouth is also shown. The finger dump has galena specimens.

5.2.5 Mt Stewart Osmiridium

With the price of Iridium metal reaching over \$US1400 during the year Gauteng Refinery of South Africa were interested in possible production of Osmiridium from Tasmania, even though the price of Osmium metal still languishes at \$US400. Two samples of Osmiridium and a copy of Nic Haygarth's recent book "On the Ossie" were forwarded. One by post and the other by courier. Both went astray. The couriered book arrived but with no Osmiridium sample. The posted book and sample recently returned as "unclaimed". Arrangements are in hand to re-send the Osmiridium sample by means of an alternative courier.

It was difficult in discussions with Gauteng to get an idea of what they would pay. The best understanding is that they pay 25% of the metal price, so a price in the region of \$US500 has been assumed.

Although I regard this as uneconomic, I did a reconnaissance of the Heazlewood to Mt Stewart track to ascertain the difficulties involved. The logistics required are beyond my resources.

CONCLUSIONS AND RECOMMENDATIONS

No conclusions can be drawn at this time.

6. ENVIRONMENT

There were no ground disturbance activities during 2017 – 19.

7. EXPENDITURE 2017 – 18

REFERENCES

There are no references.

ERA9999

HEAZLEWOOD MINE
MAP SURFACE
WORKINGS

EL6/2016

NEW CASTRAY
GOLD MINE
MAP ALLUVIAL
WORKINGS

RECCE OF MT
STEWART TRACK

EL7/2005



EL 6/2006 - WHYTE RIVER
SUMMARY ACTIVITY PLAN
2019

Compiled: Ron Gregory	Drawn: Derek Williams	Date: 14/02/2018	Revised:	Projection: GDA 2011
Scale: 1:5000	0 50 100 200m		Drawing No.:	Figure No. 2

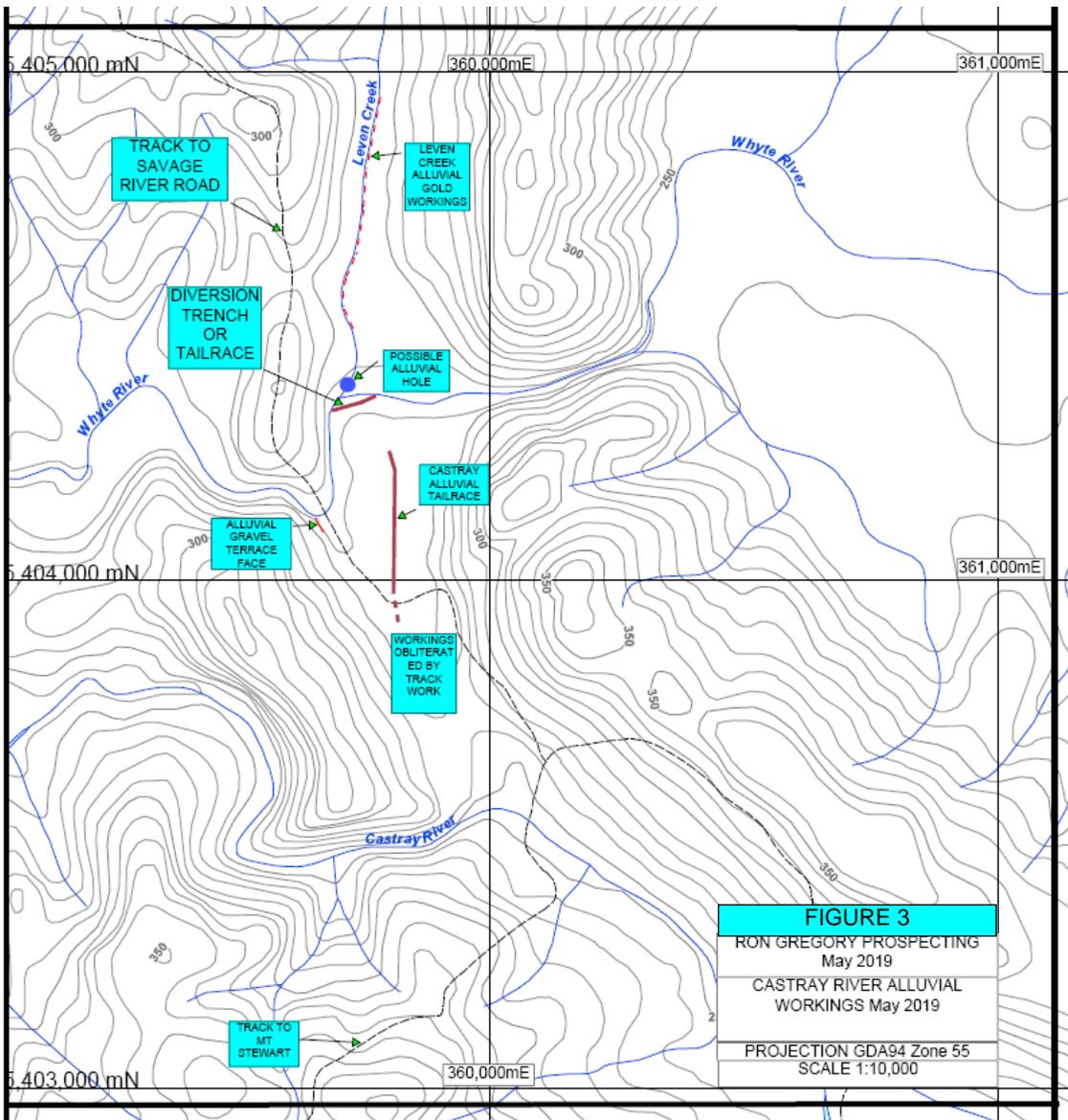
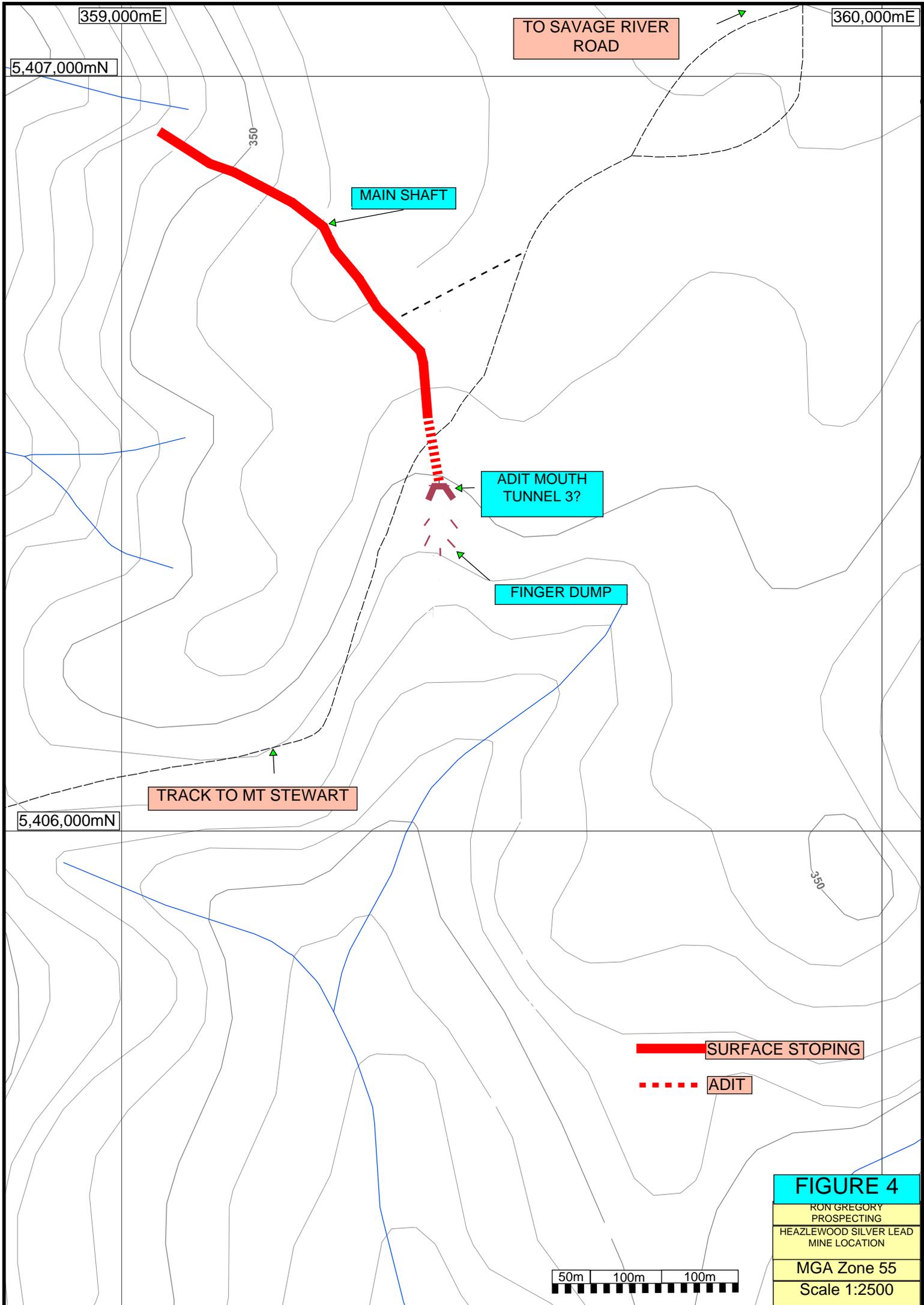
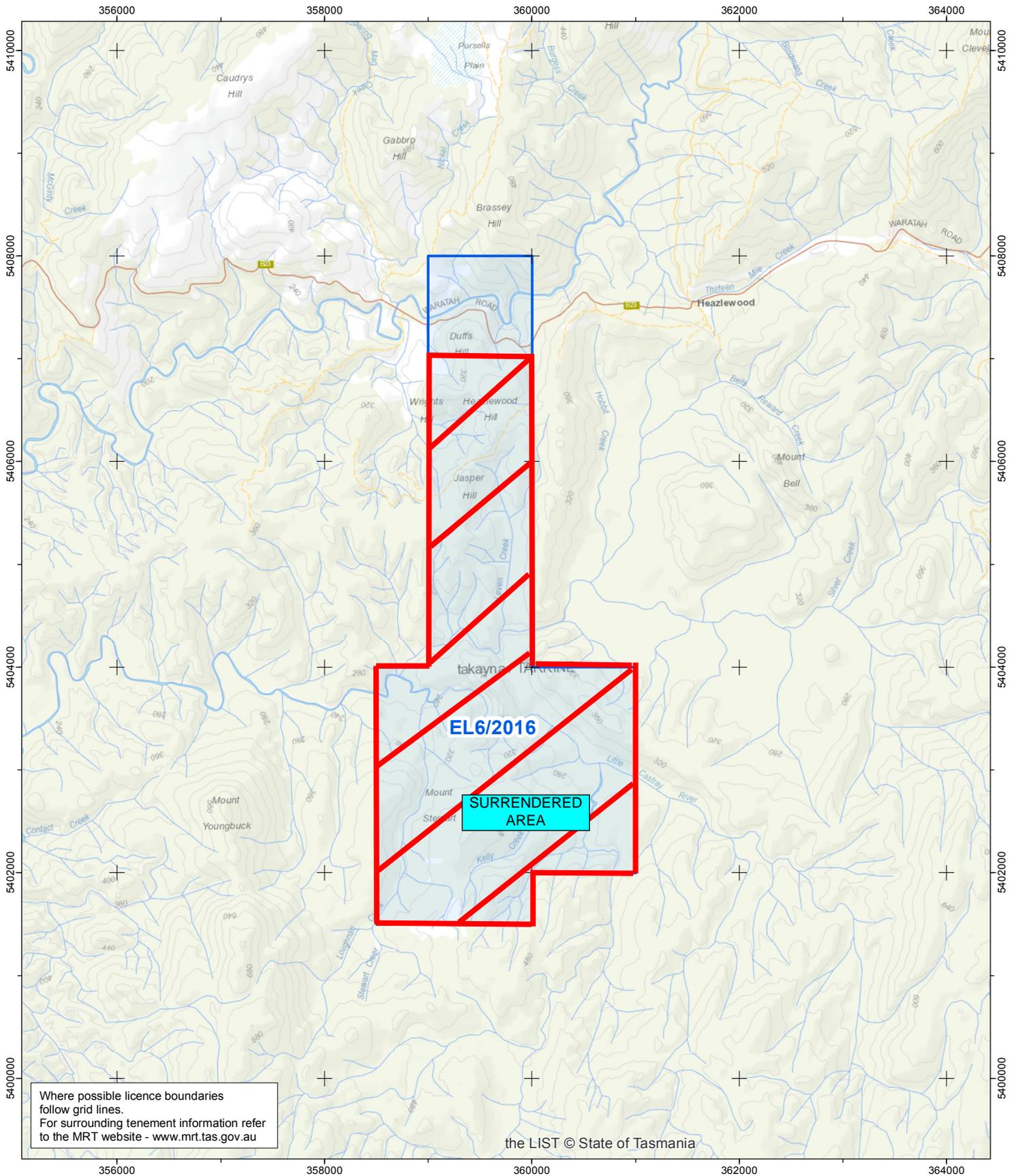


FIGURE 3
 RON GREGORY PROSPECTING
 May 2019
 CASTRAY RIVER ALLUVIAL
 WORKINGS May 2019
 PROJECTION GDA94 Zone 55
 SCALE 1:10,000





EL6/2016 10km²
Vicinity of Whyte River
(1.5km N of Mt Stewart)

0 1 2 KM

1:50,000

Coordinate Datum - GDA94 MGA Zone 55

SURRENDERED AREA 2019
FIGURE 5



Base image by TASMAPP
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