

**ALLEGIANCE METALS PTY LTD**  
**EXPLORATION LICENCE 5/2002 EAST RENISON**  
**PROGRESS REPORT**

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**on behalf of**

**ALLEGIANCE METALS PTY LTD**

### **IMPORTANT NOTES**

This report has been prepared using information and data available to the author at the time of writing.

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## **MAP CONVENTIONS**

Co-ordinates in this report are in AMG.

## **ABBREVIATIONS**

### **TEXTUAL ABBREVIATIONS**

Allegiance	Allegiance Mining NL
Comstaff	Comstaff Proprietary Limited
EL 5/2002	Exploration licence 5/2002
EZ	Electrolytic Zinc Company of Australasia Limited
MRT	Mineral Resources Tasmania

## **CONTENTS**

1 INTRODUCTION

2 TOPOGRAPHY AND ACCESS

3 TENEMENT DETAILS

4 SUMMARY OF LICENCE GEOLOGY

5 DIAMOND DRILLING

6 RESULTS OF PRIOR EXPLORATION

7 GEOPHYSICS NOTES

8 GEOCHEMISTRY NOTES

9 RECOMMENDATIONS

References

Appendix 1 Details for licence EL 5/2002

Appendix 2 Mines and prospects on EL 5/2002

Appendix 3 Descriptions of old mine workings on Colebrook Hill

Appendix 4 Diamond drill holes on EL 5/2002

## **TABLES**

- 1 Drilling on or near Colebrook Hill by EZ
- 2 Drilling at and near Fenton's prospect by Comstaff
- 3 Drilling for the Federal-Bassett fault by Comstaff
- 4 Drilling at Exe River workings by Comstaff and Minex
- 5 Drilling on the Montezuma grid by RGC Exploration Pty Ltd
- 6 Drilling at the Kapi mine by Tasmania Department of Mines and Renison Limited
- 7 Drilling near Pine Hill by Renison Limited
- 8 Mineral resources at Fenton's prospect

## **FIGURES**

- 1 Location of EL 5/2002
- 2 Sketch of geology on EL 5/2002
- 3 Distribution of diamond drill holes in EL 5/2002

## 1 INTRODUCTION

Allegiance Mining NL (Allegiance) holds exploration licence 5/2002 (EL 5/2002) between the Renison and Rosebery mines, known as the East Renison licence (Figure 1). The licence occupies 24 square kilometres and occupies an irregular area between 5,366,000m N to 5,374,000m N and 369,000m E to 376,000m E (Appendix 1).

The area covered by EL 5/2002 has been the subject of extensive, partially intensive, exploration since the late 1800s. There were three early periods of activity: to the Colebrook Hill copper deposits, to the Exe River tin-field, and to the Ring River alluvial gold-field. Later, prospectors covered the area seeking Melba Flats style nickel and Dundas style lead deposits in the south-west of the licence, base metals over the whole licence, and gold and base metals in the east. More recently two companies explored parts of the licence over long periods: Comstaff Proprietary Limited (Comstaff), in the west of the licence, for over twenty years as part of EL 5/1963, and the Electrolytic Zinc Company of Australasia Limited (EZ), also for over twenty years, as part of EL 1/1962.

Both Comstaff and EZ were targeting base metals, particularly tin. This exploration effort resulted in Comstaff's discovery of a relatively small, and so far uneconomic, tin and base metal resource near Fenton's workings just east of the Renison mine lease (Appendix 2); in this report, this is referred to as Fenton's prospect.

The Mineral Resources Tasmania (MRT) database lists 23 known mines or prospects on the licence area but the database is not complete (Appendix 2). Similarly, the MRT drill-hole database lists 78 diamond drill holes (Appendix 3 and 5 DIAMOND DRILLING). It is one of the recommendations of this report that all the mines, prospects and diamond drill holes be located and plotted on plans at an appropriate scale (3 SUMMARY OF LICENCE GEOLOGY).

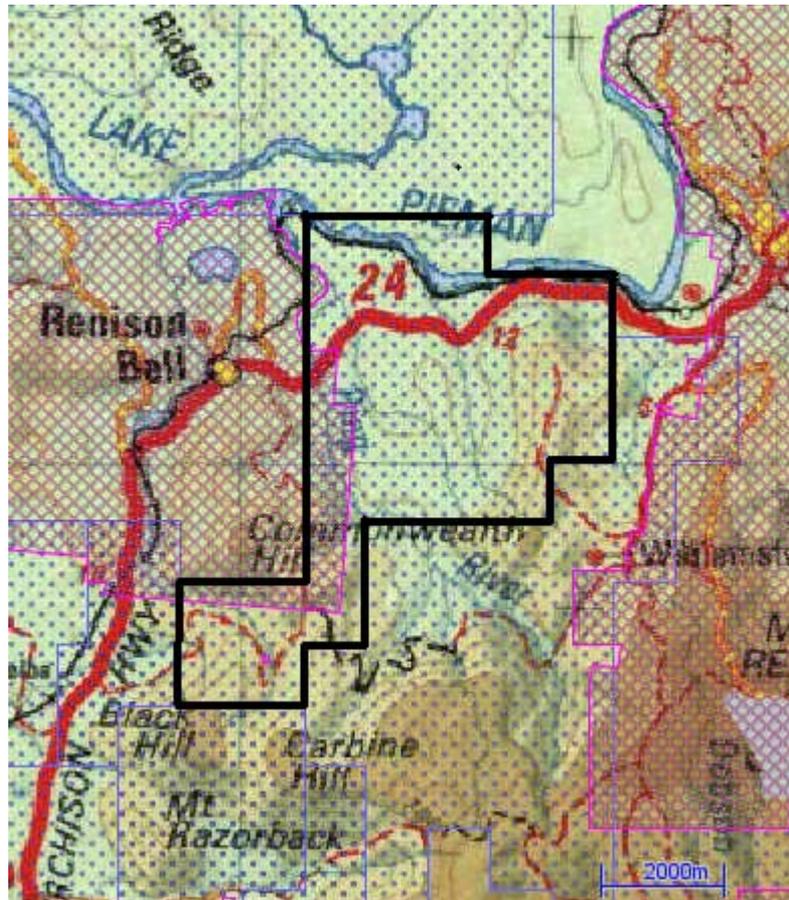
Allegiance acquired EL 5/2002 for its nickel prospectivity. In over a century of exploration there are very few reports of nickel occurrence on the licence. Nickel is not reported in MRT's database for any of the mines or prospects.

So far, prospecting and exploration have been aimed at the discovery of base metals, including tin but not nickel, associated with the Devonian granite intrusion. Searches have principally been directed at the tin and lead-zinc veins at Fenton's prospect,

skarn tin and copper on Colebrook Hill, and the tin veins of the Exe River tin-field. The type and style of mineralisation sought in the past has generally directed exploration away from the ultramafic bodies. Nickel assays are rare in any of the exploration reports for the Colebrook Hill area. Comstaff routinely assayed for nickel as a guide to the location of mafic and ultramafic rocks during soil sampling and diamond drilling at Fenton's prospect but the aim was to sterilise such areas as having low prospectivity for tin.

Given the extent of the ultramafic and mafic bodies and the presence of an underlying Devonian granite, the primary target for Allegiance is a nickel sulphide deposit of the Avebury type but deposits of the Melba Flats type or another new but unknown type could also be expected.

There is a large accumulation of old reports to sift through, both in the MRT library at Rosny Park and at the offices of Pasminco Exploration Pty Ltd, Rosebery. This report describes the progress made to date, describes particular and general targets for the occurrence of nickel mineralisation, and recommends how exploration should proceed in the future.



*Figure 1 Location of EL 5/2002*

## **2 TOPOGRAPHY AND ACCESS**

The Pieman River, now Lake Pieman (at about 100m RL), flows from east to west across the extreme northern end of EL 5/2002 (Figure 1). The principal streams in the area flow from south to north towards the Pieman: from east to west these are: Natone Creek which is just off the licence to the east, Josephine Creek, Exe River and Ring River. The principal hills are Westcott Hill (461m RL) between Natone Creek and Josephine Creek, Colebrook Hill (541m RL) between Josephine Creek and Exe River, and the eastern flank of Pine Hill (602m RL) which lies to the south of the Ring River just off the south-west corner of the licence. The topography is steep, especially in the eastern half of the licence around Westcott and Colebrook Hills.

The most prominent topographic features in the area are Lake Pieman, the valley of the Ring River, Colebrook Hill which rises three hundred metres above the Rosebery golf course, and Pine Hill.

The Murchison Highway runs roughly east-west across the northern end of the licence and four-wheel drive tracks run off the highway to the north and south and provide access to the valleys of the Ring and Exe Rivers (Figure 1). Access to Colebrook Hill is by way of a four-wheel drive track off the Williamsford Road. The far south-west corner can be accessed by way of the North East Dundas tramway and the Pine Hill track on the Renison mine lease.

The licence is covered by typical West Coast scrub and rain forest and the land uses are Hydro-Electric Corporation Land, State/Multiple Use Forest, Crown Land and CAR Reserve System Informal Reserve (Appendix 1).

## **3 TENEMENT DETAILS**

EL 5/2002 was acquired as a two square kilometre licence over the area around Fenton's prospect in early 2002. Later, licence EL 12/2002 was won as part of MRT's exploration tender ETA 562. Subsequently, the original EL 5/2002 and EL 12/2002 were amalgamated into the current EL 5/2002.

Two mining leases which lie on EL 5/2002 are exempt from exploration by Allegiance at the present time: the eastern part of the Renison mine lease (lease

12M/1995), and the whole of the Kapi mine lease of 1 hectare (lease 2M/2000) (Figure 1).

#### 4 SUMMARY OF LICENCE GEOLOGY

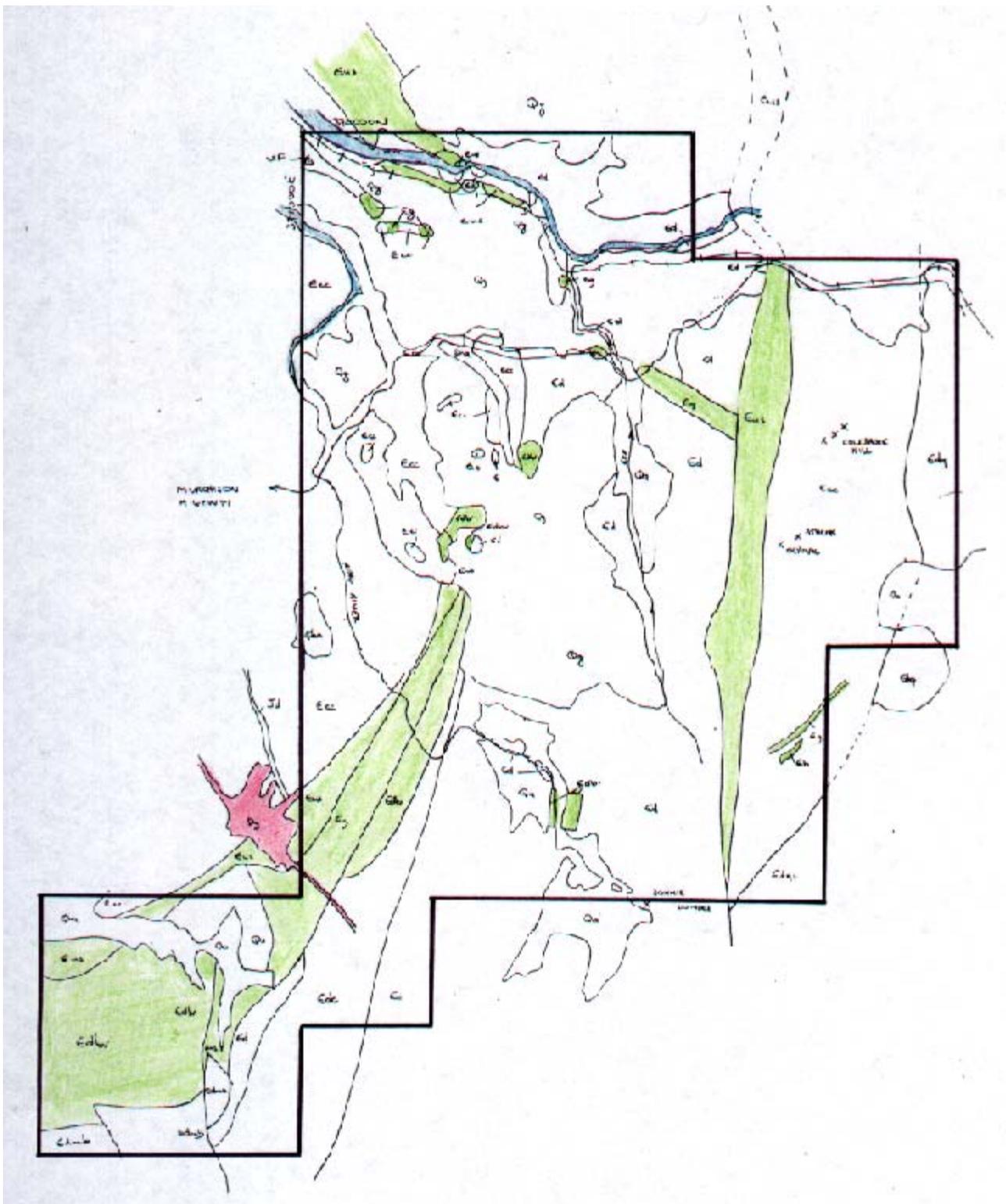
The current interpretation of the geology of the licence taken from MRT's 1:25000 map coverage is attached (Figure 2). Sedimentary rocks of the Cambrian Crimson Creek Formation occur in the western part of the licence adjacent to the Renison mine lease. The Crimson Creek Formation and the immediately underlying Success Creek Group host the Renison tin mineralisation. These rocks are succeeded (?) to the west by sedimentary rocks of the Cambrian Dundas Group. The structure of the sedimentary succession is not known in detail but at present it appears that the general strike of the rocks is more or less north and that there are few major faults.

The Cambrian sedimentary succession has been intruded by Cambrian ultramafics and gabbros which occur in two more or less north-south belts across the licence: outcrop of the western belt enters the licence south of Pine Hill, passes to east of Pine Hill, across the Ring River and then eventually through the area around Fenton's prospect and out of the licence in the north-western corner; outcrop of the eastern belt commences at the southern boundary of the licence and runs very close to a true north-south direction along the western flank of Colebrook Hill and passes out of the licence near the north-eastern corner. A few other bands of mafic rock trending slightly north of west and north of east occur; the best known of these being the band of gabbro which crosses the old lease areas of the X Proprietary Syndicate to the east of the Exe River just south of the Murchison Highway. The excellent results of a recent helicopter borne magnetic survey have further elucidated the structure of the geology on the licence, and the ultramafic bodies in particular (Webster, 2004).

The whole Cambrian sequence has been intruded by Devonian granite which outcrops at Pine Hill, just off the licence near the south-eastern corner; several felsic dykes of Devonian granite affinity are known on the licence. The granite has been intersected in diamond drill holes in the west and the east of the licence (6 RESULTS OF PRIOR EXPLORATION).

Quaternary alluvials and fluvioglacials cover the older rocks over about 30% of the licence, principally in the triangle formed by the Pieman, Ring and Exe Rivers.

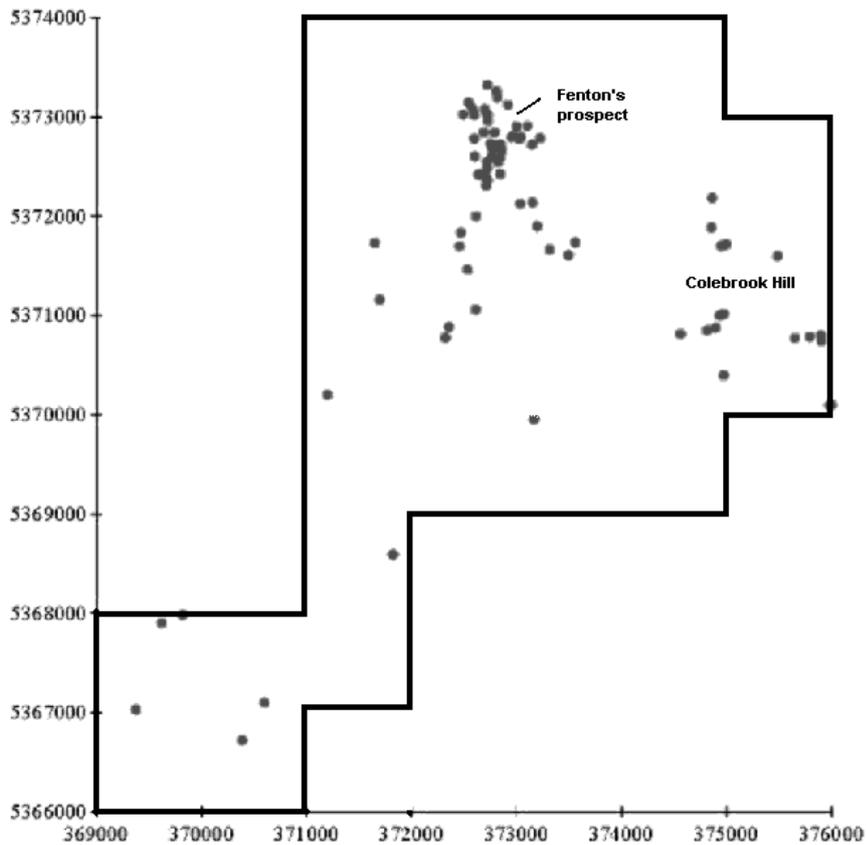
Comstaff and EZ produced geological map coverage at 1:5000 scale or better over most of the northern half of the licence. This coverage should be combined with MRT's maps, supplemented by fragments of mapping from other explorers where available, to produce 1:5000 plan coverage of the whole licence. The plans should show the location of all workings and diamond drill holes as well as geology.



*Figure 2 Sketch of geology on EL 5/2002 showing Cambrian ultramafic and mafic rocks (green), Devonian granite (pink) and other rocks (white)*

## 5 DIAMOND DRILLING

78 diamond drill holes have been reported from the licence area: 49 at Fenton's prospect, 17 on or near Colebrook Hill, and the rest scattered around the remainder of the licence (Tables 1 to 7 and Figure 3). Total drilled length is just less than 17,000 metres.



*Figure 3 Distribution of diamond drill holes in EL 5/2002*

hole no	location	collar east	collar north	Collar RL	final depth
CB1	Colebrook Hill	374,952.0	5,371,700.0	477.3	1,063.8
CHP228	Colebrook Hill	374,997.2	5,371,717.0	496.8	233.7
CHP229	Colebrook Hill	374,863.0	5,372,185.0	357.0	247.4
CHP230	Colebrook Hill	374,857.0	5,371,888.0	454.0	137.0
CHP236	Colebrook Hill	374,896.0	5,370,843.0	466.0	119.0
CHP237	Colebrook Hill	374,564.2	5,370,823.1	387.1	122.0
CHP238	Colebrook Hill	374,974.6	5,371,022.9	480.1	230.0
CHP239	Colebrook Hill	374,950.5	5,371,702.9	477.3	291.4
CHP241	Colebrook Hill	374,934.6	5,371,001.0	470.4	284.0
CHP243	Colebrook Hill	370,851.0	5,370,851.0	466.0	227.0
CHP263	Colebrook Hill	374,973.5	5,370,399.0	515.0	203.8
CHP264	Colebrook Hill	376,443.0	5,371,806.0	273.0	258.1
CHP266	Colebrook Hill	375,651.0	5,370,773.0	319.0	196.0
CHP267	Colebrook Hill	375,792.0	5,370,784.0	297.0	133.5
CHP268	Colebrook Hill	375,485.0	5,370,600.0	345.0	100.4
NP104	Natone Creek	376,000	5,370,100	?	241
NP107	Natone Creek	375,900	5,370,800	?	281
<b>total</b>					<b>4,368.9</b>

*Table 1 Drilling on and near Colebrook Hill by EZ*

(on next page)

*Table 2 Drilling at and near Fenton's prospect by Comstaff*

EXPLORATION LICENCE 5/2002 - PROGRESS REPORT APRIL 2004

hole no	location	collar east	collar north	Collar RL	final depth
RBE2	GAR south extension	372,323.0	5,370,777.0	179.0	313.5
RBE3	Fenton's prospect	373,105.0	5,372,905.0	105.7	134.0
RBE4	Northern GAP	372,612.0	5,371,060.0	200.0	94.0
RBE5	Fenton's prospect	373,045.0	5,372,795.0	115.5	173.0
RBE6	Centre GAP	373,169.3	5,369,952.7	220.7	125.7
RBE7	Fenton's prospect	372,956.0	5,372,794.7	127.1	193.5
RBE8	Fenton's prospect	372,729.5	5,372,957.7	176.5	307
RBE9	Fenton's prospect	373,025.0	5,372,775.0	109.8	219.0
RBE10A	Fenton's prospect	372,755.0	5,372,730.0	176.1	295.5
RBE11	Fenton's prospect	372,774.6	5,372,672.6	177.1	274.5
RBE12	Fenton's prospect	372,766.4	5,372,591.0	179.1	303.5
RBE14	Fenton's prospect	372,723.3	5,372,547.0	178.2	291.5
RBE15	Fenton's prospect	372,723.3	5,372,486.9	174.5	303.8
RBE16	Fenton's prospect	372,706.5	5,372,426.8	159.4	364.0
RBE17	Fenton's prospect	372,722.8	5,372,366.9	159.1	283.5
RBE18	Fenton's prospect	372,713.0	5,372,307.1	147.9	313.0
RBE19	Fenton's prospect	372,713.0	5,372,307.1	147.9	365.0
RBE20	Fenton's prospect	372,689.6	5,372,843.1	175.2	391.0
RBE21	Fenton's prospect	373,037.2	5,372,127.1	144.0	361.0
RBE22	Fenton's prospect	372,600.0	5,372,780.6	176.6	500.2
RBE23	Fenton's prospect	372,604.5	5,372,600.5	173.7	502.0
RBE24	Fenton's prospect	372,638.5	5,372,420.5	147.5	475.0
RBE25	Fenton's prospect	372,600.1	5,373,018.9	177.9	356.4
RBE26	GAR South	372,614.5	5,372,000.0	154.0	340.3
RBE27	GAR South	372,457.3	5,371,697.4	155.6	436.4
RBE28	GAR South	372,469.8	5,371,833.5	163.5	481.0
RBE30	Fenton's prospect	372,844.6	5,372,725.2	175.5	209.2
RBE31	Fenton's prospect	372,851.4	5,372,599.5	180.0	186.9
RBE32	Fenton's prospect	372,493.4	5,373,022.0	176.6	520.0
RBE33	Fenton's prospect	372,581.8	5,373,081.1	177.7	331.5
RBE34	Fenton's prospect	372,857.0	5,372,663.0	177.6	154.0
RBE35	Fenton's prospect	372,794.4	5,372,842.1	173.9	203.8
RBE36	Fenton's prospect	372,825.4	5,372,542.7	179.5	225.0
RBE37	Fenton's prospect	372,846.6	5,372,424.8	179.5	158.3
RBE38	Fenton's prospect	372,543.9	5,373,144.0	176.0	328.0
RBE39	Fenton's prospect	372,818.7	5,373,197.2	123.0	238.0
RBE40	Fenton's prospect	372,810.5	5,373,257.7	119.1	268.6
RBE41	Fenton's prospect	372,724.5	5,373,021.0	177.8	317.2
RBE42	Fenton's prospect	372,724.8	5,373,319.8	117.6	257.0
RBE43	GAR south extension	372,357.0	5,370,882.8	171.2	418.0
RBE44	GAR south extension	372,534.3	5,371,462.5	164.8	515.4
RBE45	Western GAP/GAT	371,650.0	5,371,730.0	159.0	334.0
RBE46	Fenton's prospect	372,699.1	5,373,078.1	177.6	657.6
RBE46D	Fenton's prospect	372,699.1	5,373,078.1	177.6	1,188.3
RBE47	Fenton's prospect	373,152.9	5,372,139.3	150.8	343.8
RBE48	Fenton's prospect	372,959.6	5,372,801.6	127.0	143.0
RBE49	Fenton's prospect	373,150.0	5,372,720.0	112.0	184.0
RBE50	Fenton's prospect	373,225.0	5,372,785.0	112.0	184.0
RBEX1	Fenton's prospect	372,920.0	5,373,120.0	110.0	185.5
<b>total</b>					<b>7,797.4</b>

hole no	location	collar east	collar north	Collar RL	final depth
RBED1	Ring River valley	371,397.3	5,371,158.7	179.7	<b>1,098.6</b>

*Table 3 Drilling for Federal-Bassett fault by Comstaff*

hole no	explorer	collar east	collar north	Collar RL	final depth
RBE1	Comstaff P/L	373,496.1	5,371,606.7	150.3	184.9
RBE13	Comstaff P/L	373,318.1	5,371,664.7	200.8	151.8
RBE29	Comstaff P/L	373,199.4	5,371,898.8	180.3	394.0
RBED2	Comstaff P/L	373,561.7	5,371,735.9	179.7	1,098.6
X1	Mines Exploration P/L	373,000	5,372,900	?	185
<b>total</b>					<b>2,014.3</b>

*Table 4 Drilling at Exe River workings by Comstaff and Minex*

hole no	location	collar east	collar north	Collar RL	final depth
MZ5	Montezuma grid	371,825.0	5,368,590.0	265.0	<b>529.0</b>

*Table 5 Drilling on the Montezuma grid by RGC Exploration Pty Limited*

hole no	explorer	collar east	collar north	Collar RL	final depth
KAPI1	Mines Department	370,387.0	5,366,723.0	380.0	86.9
KAPI2	Mines Department	370,387.0	5,366,723.0	380.0	116.1
S554	Renison Limited	370,600.0	5,367,100.0	402.9	401.0
<b>total</b>					<b>604.0</b>

*Table 6 Drilling at the Kapi mine by Tasmania Department of Mines and Renison Limited*

hole no	location	collar east	collar north	Collar RL	final depth
S283	Pine Hill	369,820.0	5,367,980.0	?	182.0
S284	Pine Hill	369,620.0	5,367,900.0	?	240.0
<b>total</b>					<b>422.0</b>

***Table 7 Drilling near Pine Hill by Renison Limited***

Drill logs for the EZ holes, the RGC Exploration hole and several of the Comstaff holes are to hand. Drill logs for all the holes should be acquired.

Core for all holes except one, Renison Limited hole S117, is held at the MRT core store at Mornington. All core should be examined for evidence of nickel mineralisation.

## **6 RESULTS OF PRIOR EXPLORATION**

The results of prior exploration are summarised here by exploration area; the Ring River alluvial gold-field is not included. Exploration in the licence area began in the wave of prospecting which followed the discovery of the Zeehan field in 1882.

### **Colebrook Hill**

By 1895, prospectors and miners had taken up many contiguous leases over Colebrook Hill. The ridge of the hill consists of axinite-actinolite skarns in Crimson Creek Formation sedimentary rocks. The skarns contain common pyrrhotite, minor arsenopyrite and chalcopyrite and traces of cassiterite, galena, sphalerite, tetrahedrite and gold. The eastern ultramafic belt occurs along the western flank of the hill.

A summary description of the old mine workings on Colebrook Hill was made by Drake (1979) for EZ and this is attached (Appendix 3). The principal mines on Colebrook Hill are the Colebrook, Olympic, Lynton and Athenic mines.

Many adits were driven across the skarn zones in the early period of prospecting but mining was never persistent. Montgomery visited the area in 1895 and reported, inter

alia, on an adit on Quinn's section: "the lode-stuff consisted of gossan, copper pyrites, arsenical pyrites, pyrrhotite, a little quartz, some chrysotile, and a great deal of ... axinite. ... I sent a small parcel of it to be tested by the Government Analyst, who found traces of gold and silver, 3.1 per cent. copper, no bismuth, no tin, but about one per cent. of nickel and cobalt. ... On the west side of the lode there is an apparently volcanic rock, containing veins of greenish chrysotile; it is probably a variety of the igneous serpentine rock seen so frequently in the Dundas field." This occurrence needs to be identified and sampled again.

From 1981 to 1984, EZ drilled 15 holes on Colebrook Hill seeking copper and tin mineralisation, but the reported results were disappointing:

CHP228	minor copper mineralisation, no tin mineralisation
CHP229	scattered weak copper mineralisation
CHP230	no significant tin values
CHP236	clastic magnetite; no significant mineralisation
CHP237	magnetic anomaly due to serpentinite; no significant mineralisation
CHP 238	geophysical anomalies due to disseminated and veinlet pyrrhotite; low grade tin mineralisation
CHP239	
CHP240	chalcopyrite within a zone of calc-silicate alteration: including 4m down-hole at 1.85% Cu
CHP241	no significant mineralisation
CHP243	low grade tin mineralisation
CHP263	weak tin mineralisation along a fault
CHP264	tin mineralisation restricted to one sulphide vein: 0.15m down-hole at 0.65% Sn, 9.0% Zn, 2.36% Pb
CHP266	tin mineralisation restricted to narrow fracture controlled veins, best 2.5m down-hole at 847ppm Sn
CHP267	tin mineralisation restricted to narrow fracture controlled veins, best 0.65m down-hole at 1.01% Sn
CHP268	tin anomaly due to thin sulphide veins, best 0.15m down-hole at 1.82% Sn, 4.3% As

In 1984, the Tasmania Mines Department drilled a hole from Colebrook Hill to the granite. Hole CB1 collared vertically at 477m RL and flattened to -77 degrees at the end of the hole at 1,064m. The hole passed through partly skarnised Crimson Creek

Formation and into granite at 1,034m. A copper rich skarn was intersected from 369m and 394m. The granite occurs about a kilometre below the summit of Colebrook Hill.

### **Natone Creek**

EZ drilled two holes to test IP anomalies in the valley of Natone Creek. Neither hole intersected significant mineralisation:

- NP104            hole passed 150ft below target to intersect quartz-pyrite mineralised fault zone 600 ft below surface
- NP107            mineralisation intersected was predominantly pyritic and associated with black carbonaceous shales

### **Fenton's prospect**

Comstaff drilled 49 holes to test a vein system around and south of Fenton's adit. Two steeply dipping veins were delineated: Salmon's lead-zinc-silver vein striking north and the Pieman tin vein striking north-west; both veins are associated with sulphide and carbonate gangue. The veins were described as multiple vein systems intersecting at a low oblique angle the Crimson Creek sedimentary rocks having their genesis in the underlying Devonian granite. Mineral resources were estimated for the veins (Wilding, 1985):

	<b>category</b>	<b>tonnes</b>	<b>% Sn</b>	<b>% Cu</b>	<b>% Pb</b>	<b>% Zn</b>	<b>ppm Ag</b>
<b>Pieman tin vein</b>	Probable	433,400	1.0	-	-	-	-
	Possible	744,900	0.3	-	-	-	-
<b>Salmon's vein</b>	Probable	830,200	0.187	0.615	3.173	2.241	104
	Possible	1,016,000	0.104	0.104	1.254	1.369	58

***Table 8 Mineral resources at Fenton's prospect***

The tonnage and grade of the resource have not, so far, been high enough to justify extraction of the resource.

### **Extensions of the Federal-Bassett structure**

Comstaff drilled one hole, RBED1, to test for the extension of the Federal-Bassett fault from the Renison mine lease onto EL 5/1963. The hole did not intersect a significant fault structure but bottomed in granite:

RBED1 a narrow garnet-diopside-vesuvianite skarn was intersected from  
854.2m to 864.54m with minor enhancement of tin and tungsten  
values and granite was entered at 912.5m

### **Exe River tin-field**

A small tonnage of cassiterite was won from the Exe River tin-field early last century. Comstaff drilled four holes into quartz-sulphide stockwork zone of the Exe Proprietary mine with disappointing results:

RBE1 log not to hand  
RBE13 several narrow pyrrhotite-arsenopyrite veins; <1500ppm Sn, <400ppm  
Cu; no nickel assays (Pigott, 1980)  
RBE29 log not to hand  
RBED2 drilled through Huskisson Group sedimentary rocks, gabbro, and  
quartz-tourmaline-sulphide stockwork with associated granitic dykes  
with little sulphide or tin, metasomatically altered pyrrhotite rich  
sedimentary rocks with little tin, a fault (the Mawson Fault), and  
several granitic dykes above the granite basement which was entered  
at 857.7m  
X1 not to hand

After drilling RBED2 Yardley and Crimeen (1983) concluded that the “area appears to have little potential left for finding economic (tin) mineralisation except in the areas to the north of DDH RBE29”.

## **Kapi mine**

The Kapi mine is a lead-crocoite mine of Dundas style. The Tasmania Department of Mines and Renison Limited drilled three holes near the mine but discovered no significant mineralisation:

- KAPI1 drilled through the serpentinite contact: no cassiterite was found, only pyrite, pyrrhotite and traces of nickel (Blissett, 1962)
- KAPI2 drilled through the serpentinite contact: no tin detected (Blissett, 1962)
- S554 collared in and remained in serpentinite including slightly magnetic, altered serpentinite; no significant mineralisation and no core was assayed (Stephenson, 1979)

## **Pine Hill**

Renison Limited drilled many holes around Pine Hill looking for tin deposits associated with Devonian granite. Two of the holes lie within EL 5/2002 but the holes intersected only minor tin occurrences:

- S283 hole collared in serpentinite and passed into a wide altered contact zone before passing into Crimson Creek Formation carrying low grade sulphide mineralisation; the contact in the Crimson Creek Formation included 10 feet at 0.15% Sn, <0.1% Cu and As in a quartz tourmaline alteration zone (Newnham, 1971)
- S284 hole collared in serpentinite and passed into Crimson Creek Formation; the serpentinite contact was unmineralised but sparse sulphide mineralisation occurred throughout the hole, including 53 feet at 0.19% Sn and 4.8% S (Newnham, 1971)

## **Montezuma**

RGC Exploration drilled five holes, MZ1 to MZ5 around Green's and Frazer's tin-copper prospects which lie just off EL 5/2002 to the south. The prospects were interpreted to occur above a buried ultramafic as interpreted from magnetic data

(Crossing, 1991). Holes MZ1 to MZ4 intersected a strongly internally deformed serpentinite with an intensely carbonated-silicified and sometimes brecciated hangingwall which were considered to be a possible source of chrome and/or platinoids (Crossing, 1991). Hole MZ5 intersected gabbro:

MZ5 hole collared on EL 101/87 and passed into the Renison mine lease at about 200m down-hole; drilled from Dundas Group sedimentary rocks into altered partly silicified, partly brecciated, partly carbonate rich, faulted gabbro; best assayed mineralised zones <2000ppm Sn in axinite-actinolite skarn in sedimentary rock and <1% Pb, <2.2% Zn in altered gabbro

Neutron activation analyses for 30 elements, but not for nickel were made over the whole hole; up to 149ppm Co was detected in one sample (Crossing, 1991). This occurrence needs to be pursued.

## 7 GEOPHYSICS NOTES

The recent aerial **magnetic survey** over EL 5/2002 supersedes all previous magnetic surveys (Webster, 2004). The quality and extent of the survey are a vast improvement on such surveys in the past (refer to Webster's report for more details). Rutter (1983) analysed the magnetic data existing at the time and his interpretation of the geology of Colebrook Hill shows multiple east-west faults; this compares well with the most recent interpretation (Webster (2004).

The report on the recent aerial magnetic survey by Webster (2004) has

- confirmed the general positions of ultramafic belts and revealed a more detailed internal structure including the discontinuous faulted nature of the eastern ultramafic belt
- indicated the termination of the western belt of ultramafics against the Pine Hill granite
- suggested the presence of another ultramafic belt in the south of the licence area; this could correspond with the ultramafic described by Crossing (1991) (refer to the Montezuma Grid in 6 RESULTS OF PRIOR EXPLORATION)
- suggested the existence of potential arcuate fault convex to the east through the

centre of the licence

- suggested that the Exe granite is very shallow. However, this idea seems to be contradicted by the granite intersections in RBED2 and CB1 (6 RESULTS OF PRIOR EXPLORATION)

Bishop (1981) reported on a **Dighem survey** over Colebrook Hill which resulted in several anomalies, one of which coincided with the margin of the ultramafic belt: “There is a good VLF response ... between the lease boundary and the western contact between the sediments and the serpentinites ... the excellent conductance would most probably not be due to the sediments/serpentinites contact, and mineralisation seems a likely cause”. He confirmed his opinion in 1982: data from an aerial Dighem survey showed a main, central conductor running along 375,000m E coincident with the skarn mineralisation on Colebrook Hill as well as “anomalies to the west, apparently associated with the ultrabasics” (Bishop, 1982). This conductive anomaly on the margin of an ultramafic requires follow up.

## 8 GEOCHEMISTRY NOTES

Reinhart (1973) reported on soil sampling for lead, zinc, copper and nickel over the Colebrook grid and concluded: “Many anomalous zinc values and, to a lesser extent, Pb values reflect the distribution of the serpentinite. High Ni values are restricted to the serpentinite. *Anomalous Cu values show a marked antipathy to serpentinite*” (my italics).

There are several reported nickel analyses in the existing exploration reports. Some of these seem to be normal levels of nickel in West Coast ultramafics, that is up to about 3,000 ppm Ni:

- four ultramafic outcrops near the Lynton mine with 1480ppm to 2090ppm Ni (Lees and Taylor, 1976)
- soil samples over an ultramafic near S283 and S284 with up to 2300ppm Ni (Newnham, 1971)
- many Comstaff soil samples over ultramafic in the 1000 to 3000ppm Ni range

However, Comstaff detected, but did not pursue, some anomalous nickel assays in soil:

- soil samples over ultramafic near 372,600mE 5,373,600mN range up to 4500ppm Ni
- soil samples over ultramafic near 373,200mE 5,372,100mN range up to 9500ppm Ni
- soil samples in an area 300m by 300m around 372,000mE 5,370,200mN: many samples >2000ppm Ni and up to 4250ppm Ni

Not all the Comstaff drill hole logs are to hand but there are anomalous nickel assays reported, for example:

- diamond drill hole RBE26 265.0m - 265.3m: 0.383 Sn, 0.1450 Cu, 1900ppm Pb, 7000ppm Zn and 0.33% Ni within a talc-carbonate zone at the south end of Fenton's
- diamond drill hole RBE40 187.87m - 201.9m 1500ppm to 3350ppm Ni in serpentinite with the highest assay on contact just before Tin vein

All these anomalous nickel values need to be pursued: the soil assays by surface sampling of outcrops where available; the diamond drill hole assays by examination of drill core. All nickel assays in all drill logs need to be studied when the drill logs have been acquired.

## **9 RECOMMENDATIONS**

A 1:5000 plan coverage of the whole licence should be prepared. The plans should show the location of all workings and diamond drill holes as well as geology (4 SUMMARY OF LICENCE GEOLOGY).

Drill logs for all the holes drilled on the licence should be acquired (5 DIAMOND DRILLING).

All core should be examined for evidence of nickel mineralisation (5 DIAMOND DRILLING).

The reported occurrence of nickel and cobalt on Quinn's section at Colebrook Hill should be identified and sampled (6 RESULTS OF PRIOR EXPLORATION).

The occurrence of high grade cobalt in diamond drill hole MZ5 on the Montezuma grid should be pursued (6 RESULTS OF PRIOR EXPLORATION).

This conductive anomaly on the margin of the Colebrook Hill ultramafic requires follow up (7 GEOPHYSICS NOTES).

The anomalous nickel values identified in Comstaff reports in rock samples, soil samples and diamond drill holes should be pursued (8 GEOCHEMISTRY NOTES).

## REFERENCES

The six digit numbers at the end of some citations are Mineral Resources Tasmania open-file numbers.

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**Blissett, A.H., 1962.** Geological Survey Explanatory Report, One Mile Geological Map Series K'55-5-50 Zeehan. Tasmania Department of Mines.

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**Drake, G., 1979.** Review of exploration in the Natone area Mt Black E.L. 1/62. Getty Oil Development Company Limited, October 1979. 80-1468

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**Rutter, H., 1983.** The Colebrook Hill area, Tasmania, a report for Electrolytic Zinc Company of Australasia. Geophysical Exploration Consultants P/L, December 1983. 85-2313E

**Stephenson, P.R., 1979.** E.L. 42/71 Argent-Kapi area Western Tasmania - annual report, 1978/79. Renison Limited, July 1979. 79-1369

**Ward, L. Keith, 1911.** The X River Tin Field. Geological Survey Bulletin No. 12. Tasmania Department of Mines.

**Webster, S., 2004.** Magnetic interpretation report for Allegiance Metals P/L.

**Wilding, I.G.P., 1985.** EL 5/63 Part 6, East Renison work carried out during the year ended 30th June 1985. Comstaff Proprietary Limited.

**Yardley, S.R. and Crimeen, J.D., 1983.** Stage report on the east Renison area Exploration Licence 5/63 Part 6. Comstaff Proprietary Limited. 83-1986

## **Appendix 1**

**Details for licence EL 5/2002**

**Details for Licence EL5/2002**

**Holder** Allegiance Mining NL  
Level 11 Shaw House, 49 - 51 York Street, Sydney, NSW, AUS, 2000

**Operator** Newnham Exploration and Mining Services  
P O Box 183, Exeter, TAS, AUS, 7275

**Reports**

**Status** Granted

**Final Date** 10/05/2007

**Product Category** Category 1 - Metallic Minerals

**Category**

**Current Area** 24 sq km/blocks

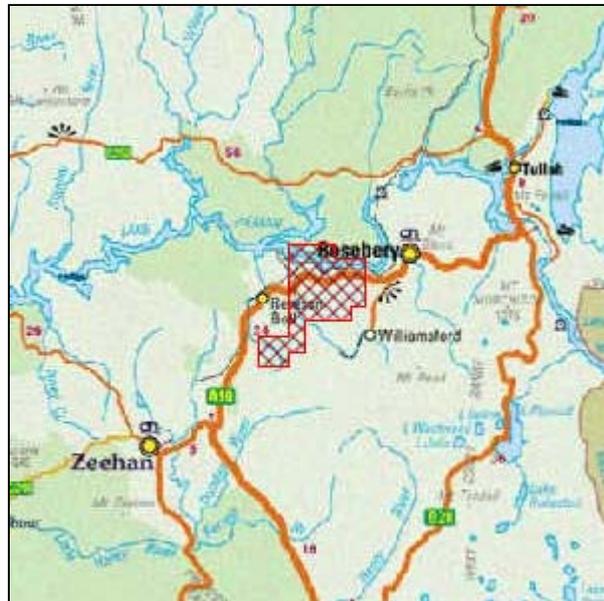
**Issue Area** 6 sq km/blocks

**Reduction Area** unknown sq km/blocks

**Land Tenure** CAR Reserve System Informal Reserve, Crown Land, Hydro Electric Corporation Land, State / Multiple Use Forest

**Locality** Renison Bell

**Parts** 1



## **Appendix 2**

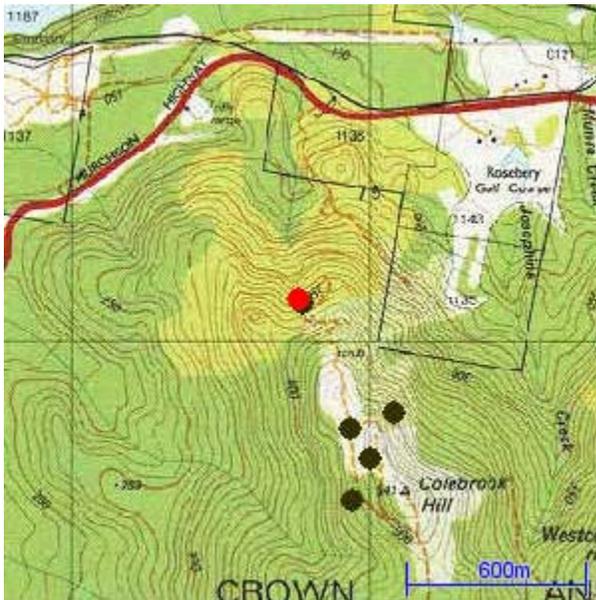
### **Mines and prospects on EL 5/2002**

**Name** Athenic Mine  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Prospect  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Tin  
**Description**  
**Locality** Colebrook Hill  
**Location** 374770mE 5370880mN  
**Map Datum** AMG66  
**Deposit Size** Very small: less than 100 tonnes or m<sup>3</sup>  
**Host Rock Ages**  
**Use**  
**Form** Vein (single, sheet, saddle)  
**Rock Type**  
**Commodities** Tin  
**Gangue** Quartz  
**Exploration** Drilling, Geochemical surveys, Geological mapping, Geophysical surveys, Prospecting  
**Structure (dip, strike, comments)** , 325,  
**Resources**

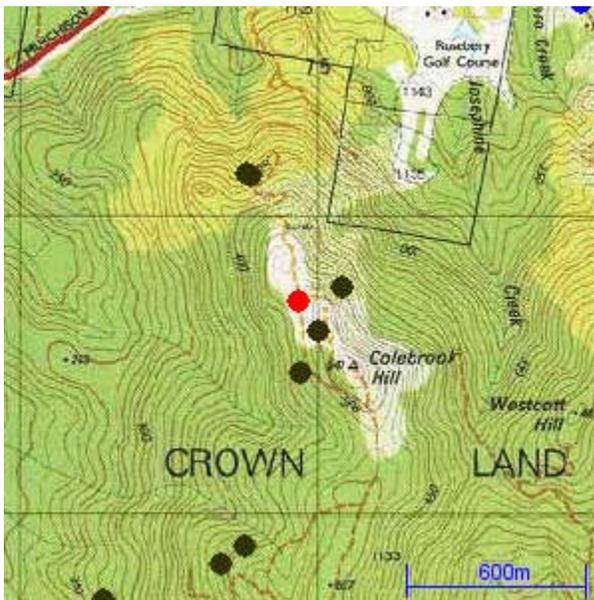




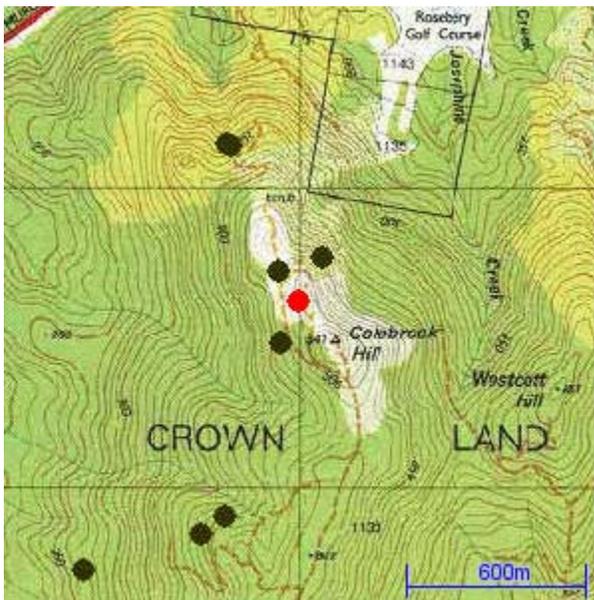
**Name** Colebrook Hill - Clifton Mine (In Colebrook)  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Abandoned  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Copper  
**Description**  
**Locality**  
**Location** 374780mE 5372130mN  
**Map Datum** AMG66  
**Deposit Size** Very small: less than 100 tonnes or m<sup>3</sup>  
**Host Rock Ages**  
**Use**  
**Form** Replacement, Stockwork  
**Rock Type**  
**Commodities** Arsenic, Copper  
**Gangue**  
**Exploration** Drilling, Geochemical surveys, Geological mapping, Geophysical surveys, Prospecting  
**Structure (dip, strike, comments)**  
**Resources**



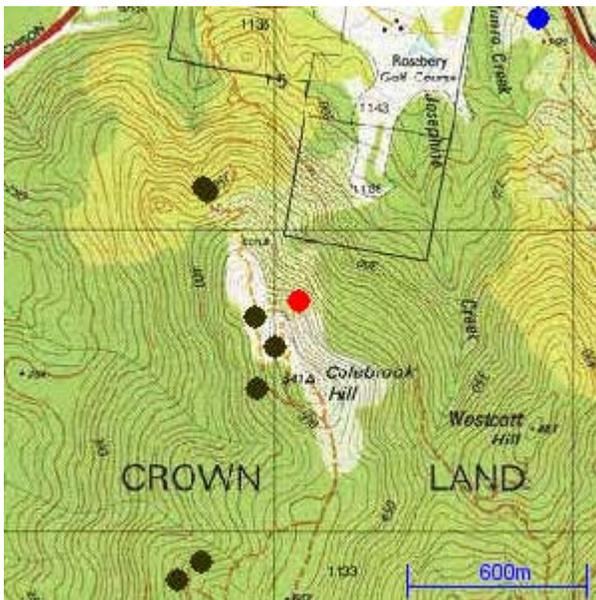
**Name** Colebrook Hill – Colebrook Hill Skarn  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Prospect  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Copper  
**Description**  
**Locality**  
**Location** 374952mE 5371700mN  
**Map Datum** AMG66  
**Deposit Size** Not determined  
**Host Rock Ages**  
**Use**  
**Form** Replacement  
**Rock Type**  
**Commodities** Copper, Tungsten  
**Gangue**  
**Exploration** Drilling, Geochemical surveys, Geological mapping, Geophysical surveys  
**Structure (dip, strike, comments)**  
**Resources**



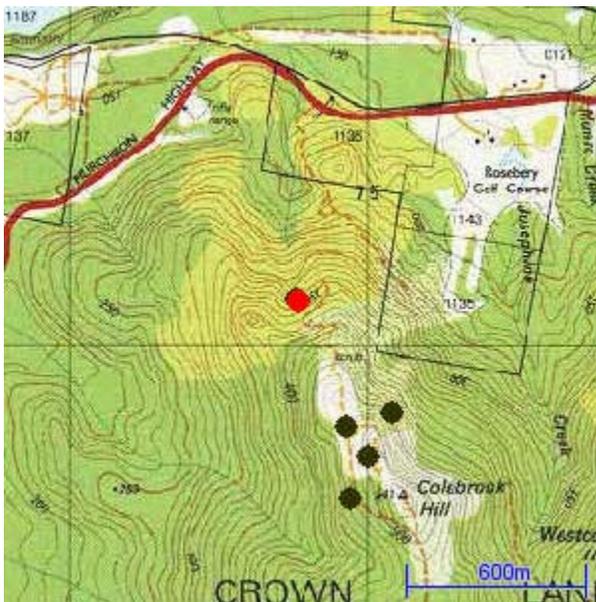
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**Aliases**  
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**Type** Mine or Prospect  
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**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Copper  
**Description**  
**Locality** Colebrook Hill  
**Location** 375020mE 5371600mN  
**Map Datum** AMG66  
**Deposit Size** Medium: 10 000 t - 1 000 000 t  
**Host Rock Ages**  
**Use**  
**Form** Replacement, Vein (single, sheet, saddle)  
**Rock Type**  
**Commodities** Copper  
**Gangue**  
**Exploration** Drilling, Geochemical surveys, Geological mapping, Geophysical surveys, Prospecting  
**Structure (dip, strike, comments)** , 360,  
**Resources**



**Name** Colebrook Hill - East Colebrook  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Prospect  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Copper  
**Description**  
**Locality**  
**Location** 375100mE 5371750mN  
**Map Datum** AMG66  
**Deposit Size** Not determined  
**Host Rock Ages**  
**Use**  
**Form** Replacement  
**Rock Type**  
**Commodities** Copper  
**Gangue**  
**Exploration** Geochemical surveys, Geological mapping, Prospecting  
**Structure (dip, strike, comments)**  
**Resources**



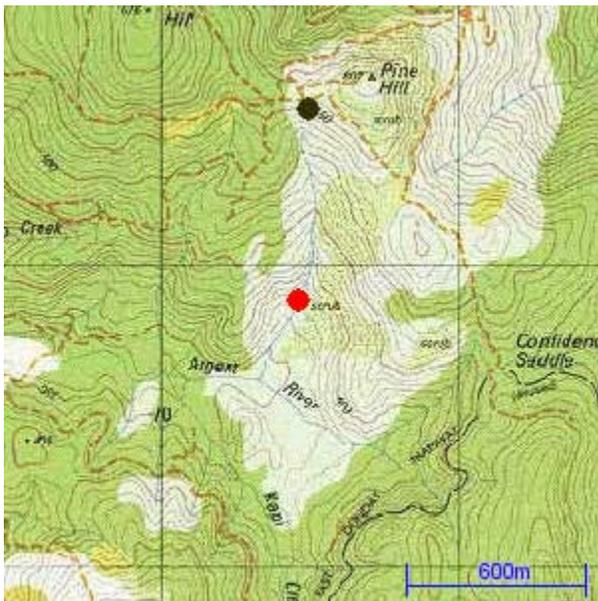
**Name** Colebrook Hill - North Colebrook  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Prospect  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Copper  
**Description**  
**Locality**  
**Location** 374790mE 5372120mN  
**Map Datum** AMG66  
**Deposit Size** Not determined  
**Host Rock Ages**  
**Use**  
**Form** Replacement  
**Rock Type**  
**Commodities** Copper  
**Gangue**  
**Exploration** Geochemical surveys, Geological mapping, Prospecting  
**Structure (dip, strike, comments)**  
**Resources**



**Name** Colebrook Hill - West Colebrook  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Prospect  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Copper  
**Description**  
**Locality**  
**Location** 374960mE 5371460mN  
**Map Datum** AMG66  
**Deposit Size** Not determined  
**Host Rock Ages**  
**Use**  
**Form** Replacement  
**Rock Type**  
**Commodities** Copper  
**Gangue**  
**Exploration** Geochemical surveys, Geological mapping, Prospecting  
**Structure (dip, strike, comments)**  
**Resources**



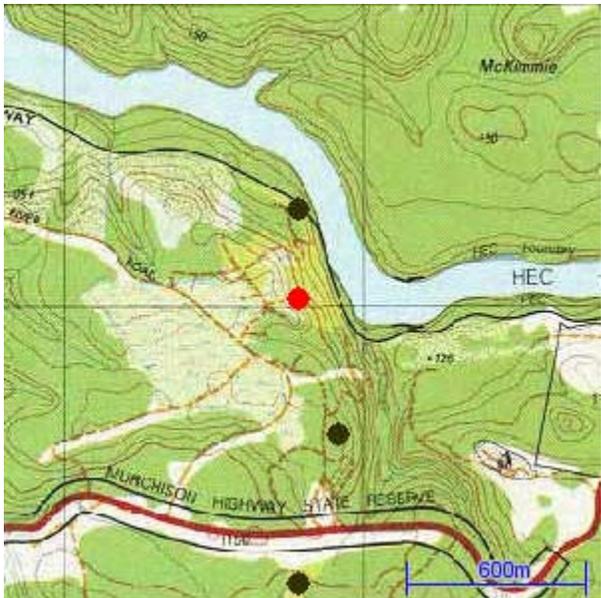
**Name** Cornish`s Alluvial Workings  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Abandoned  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Tin  
**Description**  
**Locality**  
**Location** 370470mE 5367860mN  
**Map Datum** AMG66  
**Deposit Size** Very small: less than 100 tonnes or m<sup>3</sup>  
**Host Rock Ages**  
**Use**  
**Form** Placer  
**Rock Type**  
**Commodities** Tin  
**Gangue**  
**Exploration** Prospecting  
**Structure (dip, strike, comments)**  
**Resources**



**Name** East Renison Pieman Tin Zone / Tin Vein  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Prospect  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Tin  
**Description** Quartz-carbonate-Sn-base metal vein  
**Locality** East Renison  
**Location** 372780mE 5373040mN  
**Map Datum** AMG66  
**Deposit Size** Medium: 10 000 t - 1 000 000 t  
**Host Rock Ages**  
**Use**  
**Form** Vein (single, sheet, saddle)  
**Rock Type**  
**Commodities** Tin  
**Gangue** Carbonate, Pyrrhotite, Quartz  
**Exploration** Drilling, Geochemical surveys, Geological mapping, Geophysical surveys  
**Structure (dip, strike, comments)** , 325,  
**Resources**

Total	Pre-	Inaccessible
Production	Mining	Resource

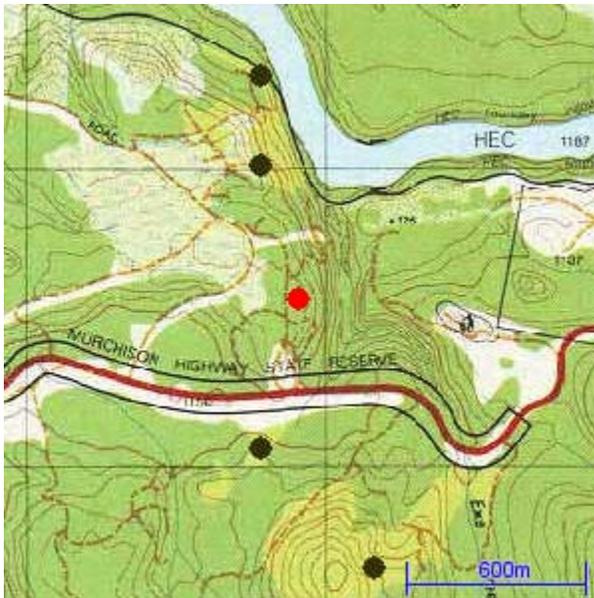
[More Details](#)



**Name** East Renison Salmons Vein  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Prospect  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Zinc  
**Description** Quartz-carbonate-base metal vein  
**Locality** East Renison  
**Location** 372930mE 5372550mN  
**Map Datum** AMG66  
**Deposit Size** Medium: 10 000 t - 1 000 000 t  
**Host Rock Ages**  
**Use**  
**Form** Vein (single, sheet, saddle)  
**Rock Type**  
**Commodities** Copper, Lead, Silver, Zinc  
**Gangue** Carbonate, Quartz  
**Exploration** Drilling, Geochemical surveys, Geological mapping, Geophysical surveys  
**Structure (dip, strike, comments)** , 10,  
**Resources**

Total	Pre-	Inaccessible
Production	Mining	Resource

[More Details](#)



**Name** Exe Proprietary  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Abandoned  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Tin  
**Description**  
**Locality**  
**Location** 373180mE 5371650mN  
**Map Datum** AMG66  
**Deposit Size** Small: 100 t - 10 000 t  
**Host Rock Ages**  
**Use**  
**Form** Vein (single, sheet, saddle)  
**Rock Type**  
**Commodities** Tin  
**Gangue**  
**Exploration** Prospecting  
**Structure (dip, strike, comments)** , 325,  
**Resources**



**Name** Kapi  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Prospect  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Lead  
**Description** Short ore shoots which vary greatly in size.  
**Locality** Kapi Creek  
**Location** 370350mE 5366750mN  
**Map Datum** AMG66  
**Deposit Size** Small: 100 t - 10 000 t  
**Host Rock Ages**  
**Use**  
**Form** Vein (single, sheet, saddle)  
**Rock Type** slate  
**Commodities** Copper, Lead, Silver  
**Gangue** Dolomite, Siderite  
**Exploration** Geochemical surveys, Geological mapping, Prospecting  
**Structure (dip, strike, comments)** , 22,  
**Resources**



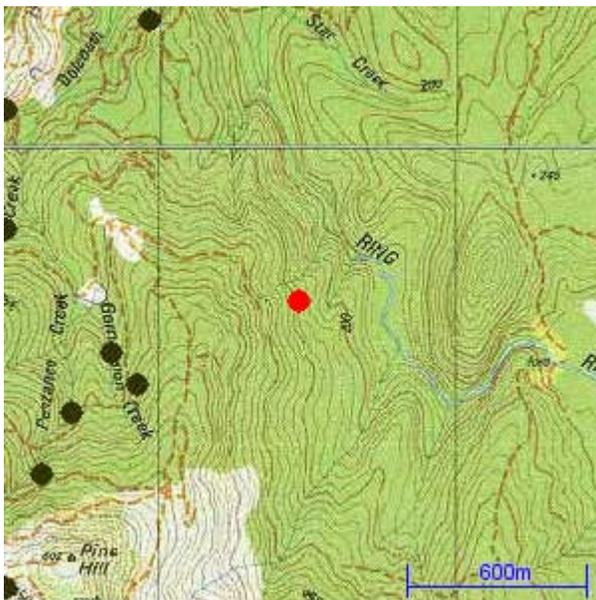
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**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Prospect  
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**Main Commodity Type** Metals/elements  
**Prime Commodity** Lead  
**Description**  
**Locality**  
**Location** 371350mE 5370950mN  
**Map Datum** AMG66  
**Deposit Size** Very small: less than 100 tonnes or m<sup>3</sup>  
**Host Rock Ages**  
**Use**  
**Form** Vein (single, sheet, saddle)  
**Rock Type**  
**Commodities** Lead, Silver  
**Gangue**  
**Exploration** Geological mapping, Prospecting  
**Structure (dip, strike, comments)** , 360,  
**Resources**



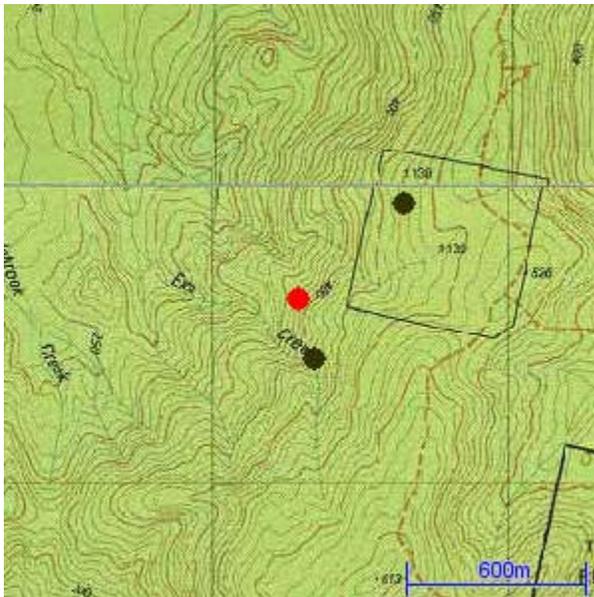
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**Parent Deposit**  
**Type** Mine or Prospect  
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**Main Commodity Type** Metals/elements  
**Prime Commodity** Lead  
**Description**  
**Locality**  
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**Deposit Size** Small: 100 t - 10 000 t  
**Host Rock Ages**  
**Use**  
**Form** Vein (single, sheet, saddle)  
**Rock Type**  
**Commodities** Lead, Silver  
**Gangue**  
**Exploration** Drilling, Geological mapping, Prospecting  
**Structure (dip, strike, comments)** , 350,  
**Resources**



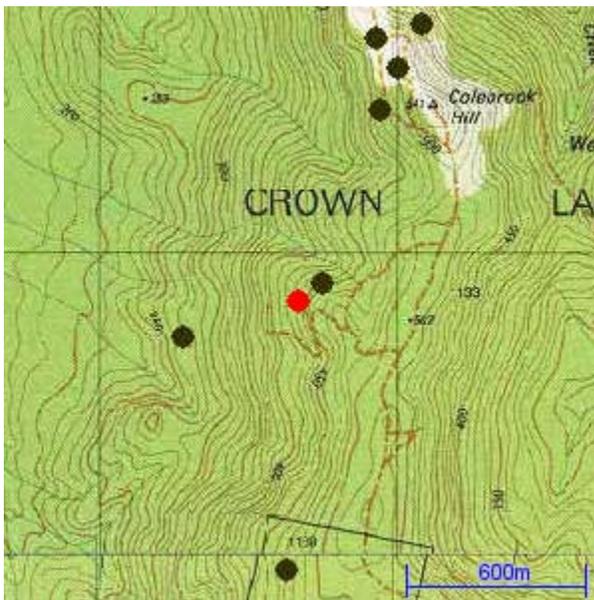
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**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Abandoned  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Tin  
**Description**  
**Locality**  
**Location** 371480mE 5369460mN  
**Map Datum** AMG66  
**Deposit Size** Not determined  
**Host Rock Ages**  
**Use**  
**Form** Replacement  
**Rock Type**  
**Commodities** Tin  
**Gangue**  
**Exploration** Geochemical surveys, Geological mapping,  
 Geophysical surveys, Prospecting  
**Structure (dip, strike, comments)**  
**Resources**



**Name** Lynton Mine  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Prospect  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Lead  
**Description** Mineralisation located in serpentinite intruding the Crimson Creek sediments.  
**Locality** Williamsford  
**Location** 374300mE 5369600mN  
**Map Datum** AMG66  
**Deposit Size** Not determined  
**Host Rock Ages**  
**Use**  
**Form** Vein (single, sheet, saddle)  
**Rock Type** dolomite-sediments  
**Commodities** Barium, Lead  
**Gangue**  
**Exploration** Geochemical surveys, Geological mapping, Prospecting  
**Structure (dip, strike, comments)**  
**Resources**



**Name** Olympic Mine  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Abandoned  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Tin  
**Description**  
**Locality**  
**Location** 374690mE 5370820mN  
**Map Datum** AMG66  
**Deposit Size** Small: 100 t - 10 000 t  
**Host Rock Ages**  
**Use**  
**Form** Vein (single, sheet, saddle)  
**Rock Type**  
**Commodities** Tin  
**Gangue**  
**Exploration** Drilling, Geochemical surveys, Geological mapping, Geophysical surveys, Prospecting  
**Structure (dip, strike, comments)** , 335,  
**Resources**



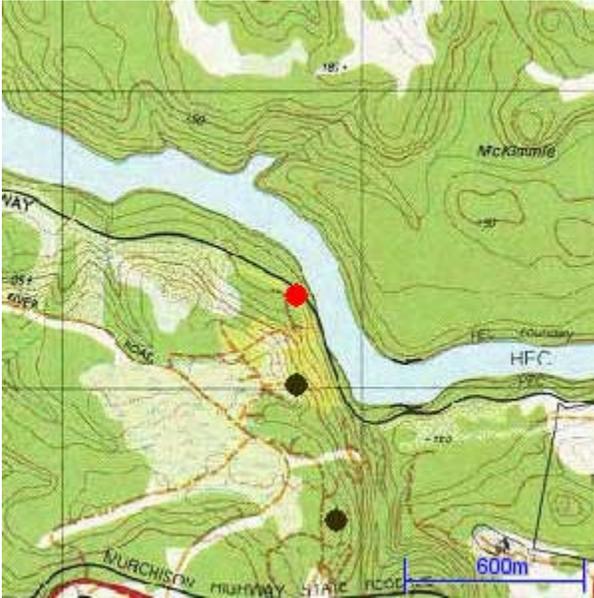
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**Prime Commodity** Lead  
**Description**  
**Locality**  
**Location** 372700mE 5371250mN  
**Map Datum** AMG66  
**Deposit Size** Not determined  
**Host Rock Ages**  
**Use**  
**Form**  
**Rock Type**  
**Commodities** Lead, Zinc  
**Gangue**  
**Exploration** Prospecting  
**Structure (dip, strike, comments)**  
**Resources**



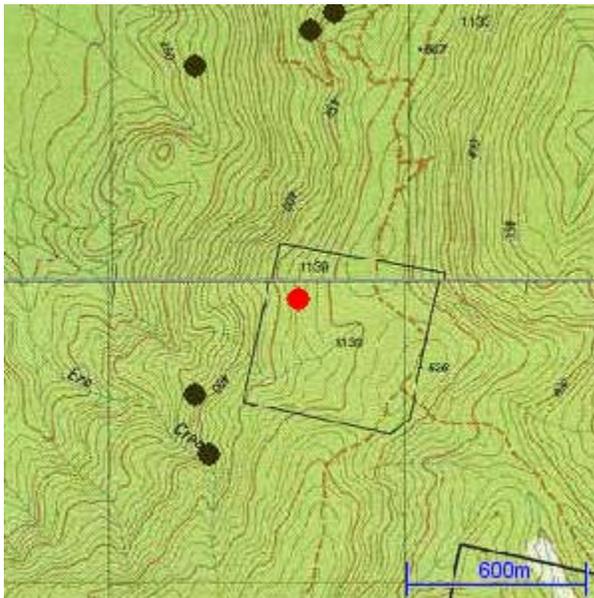
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**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Prospect  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Lead  
**Description**  
**Locality**  
**Location** 372800mE 5372050mN  
**Map Datum** AMG66  
**Deposit Size** Not determined  
**Host Rock Ages**  
**Use**  
**Form**  
**Rock Type**  
**Commodities** Lead, Zinc  
**Gangue**  
**Exploration** Prospecting  
**Structure (dip, strike, comments)**  
**Resources**



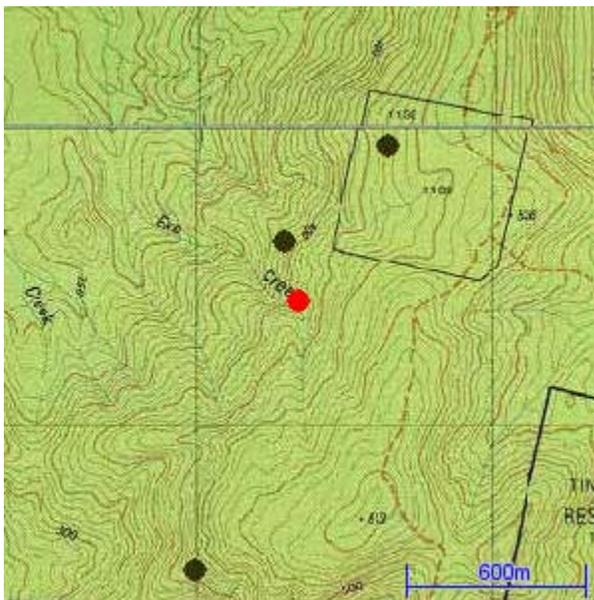
**Name** Unnamed  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Prospect  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Tin  
**Description**  
**Locality**  
**Location** 372800mE 5373300mN  
**Map Datum** AMG66  
**Deposit Size** Not determined  
**Host Rock Ages**  
**Use**  
**Form**  
**Rock Type**  
**Commodities** Tin, Pyrite  
**Gangue**  
**Exploration** Prospecting  
**Structure (dip, strike, comments)**  
**Resources**



**Name** Unnamed  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Abandoned  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Tin  
**Description**  
**Locality**  
**Location** 374650mE 5369920mN  
**Map Datum** AMG66  
**Deposit Size** Not determined  
**Host Rock Ages**  
**Use**  
**Form** Replacement  
**Rock Type**  
**Commodities** Tin  
**Gangue**  
**Exploration** Geochemical surveys, Geological mapping,  
Geophysical surveys, Prospecting  
**Structure (dip, strike, comments)**  
**Resources**



**Name** Unnamed  
**Aliases**  
**Parent Deposit**  
**Type** Mine or Prospect  
**Operational Status** Prospect  
**Status Date**  
**Main Commodity Type** Metals/elements  
**Prime Commodity** Tin  
**Description**  
**Locality**  
**Location** 374350mE 5369400mN  
**Map Datum** AMG66  
**Deposit Size** Not determined  
**Host Rock Ages**  
**Use**  
**Form** Replacement  
**Rock Type**  
**Commodities** Tin  
**Gangue**  
**Exploration** Geochemical surveys, Geological mapping,  
Geophysical surveys, Prospecting  
**Structure (dip, strike, comments)**  
**Resources**



## **Appendix 3**

### **Mines and prospects on EL 5/2002**

Drake, 1979

Page 20.

APPENDIX 1 - DESCRIPTIONS OF OLD MINE WORKINGS

Colebrook Mine - Sections 236-93M, 239-93M, 216-93M (ex 3736-87M), 5364-93M; last held as 239-93M and 9127-M.

The Colebrook copper workings were developed on four parallel orebodies 3-18m wide and 170-215m long which strike ENE and dip 85° west (see Fig. 10). Pyrrhotite is the main ore mineral with lesser pyrite, arsenopyrite, marcasite and chalcopyrite, trace galena, sphalerite, tetrahedrite and rare gold (Ward, 1910). The ore occurs in an abundant gangue of axinite and actinolite and lesser calcite and quartz, which is often banded. Datolite and danburite occur rarely as cavity linings. The ore generally assays 0.5 - 3% Cu and 14 - 28 g/t Ag with rare bismuth. Systematic sampling (approx. 56 samples) of the workings on behalf of the Colebrook Prospecting Association in 1908 averaged roughly 0.9% Cu. These assays appear in E.Z. files. Montgomery (1895) records one sample assaying approx. 1% Ni and Co (combined?) and 3.1% Cu. According to Blissett (1962) the country rocks comprise purplish and grey cherty siltstone, mudstone greywacke and greywacke breccia-conglomerate. The mineralisation formed by the metasomatic replacement of calcareous or dolomitic sediments which occur near the orebodies. The walls of the orebodies are vaguely defined and the country rocks between the orebodies are also mineralised.

In a report on the workings for E.Z., Gregory (1958) concluded that the mineralisation occurs near well-developed cross-faults striking 070° and dipping 85° north along which it was introduced. The gangue zones appear to follow bedding except where cross-faulting is strong; cross-faulting truncates the orebodies at their northern end. He also noted strong silicification of the host sediments. Numerous surveyed R.L. plans and cross-sections of the working accompany this report. He found that the only significant sulphide body was 12,000 tons of approx. 1.2% Cu (15m x 15m in plan) intersected by "C-26 adit" and C tunnel. Of the three samples assayed for Sn, one sulphide sample assayed 0.12% Sn and two gossans assayed 0.02 - 0.05% Sn respectively.

Like most small deposits in the district, production was largely confined to the period from the discovery in the early 1890's to about 1910. Most of the tunnels run NE - SW diagonally through the orebodies because the lodes were erroneously thought to strike in this direction. They were later found to strike roughly ENE. The following description is largely taken from Waller (1902b).

No. 1 Orebody was exposed in No. 2 adit, B bench, two trenches and possibly in H tunnel (see Fig. 10). 170m in No. 2 adit a drive was cut northwards on 0.3m of chalcopyrite which pinched out at 10m. The same vein was driven onto the south and after 4m it widened out to 1.4m. The lode at B bench (approx. 10m above No. 2 adit) is 6m (?) wide averaged 5.9% Cu and 50 g/t Ag. Exposure in both trenches was poor in 1902. No. 1 Orebody (?) is at least 6m wide in H tunnel and averaged 1.67% Cu and 24 g/t Ag.

No. 2 Orebody was exposed in E tunnel, D open cut, 150' level east, No. 1 tunnel and D trench. The richest grades in the mine occurred in C tunnel and D open cut; the orebody is considerably wider in the tunnel than on surface. Unbiased sampling of all exposure in C tunnel and D open cut averaged 2.9% Cu and 30 g/t Ag; (this appears to conflict with sampling by Gregory, 1958, who reported a grade of 1.2% Cu for a similar ore block). 150' level east intersected 14m of ore (NB not true thickness) before penetrating 27m of virtually barren country. Part of the lode here assayed 4.8% Cu and 40 g/t Ag. According to Waller (1902b) the lode was intersected 12m into No. 1 tunnel but Smith (1898) states that the

Page 21.

first 9m was oxidised lode and 9-12m was "solid sulphide ore". A drive from this tunnel ran south along the eastern wall of the lode in "low-grade gossan". A short westerly cross-cut from the end of the drive failed to reach the other wall of the lode. The lode is 6m wide in D trench and averaged 3.06% Cu and 23 g/t Ag. Another cutting southeast of D trench exposed axinite with some pyrrhotite and chalcopyrite.

No. 3 Orebody was exposed in the summit trench, the cross-cut from the main shaft, M tunnel, M trench and N tunnel. In the summit trench the lode is 6m wide with another 3m of "highly-mineralised country" on either side; the whole 12m width averaged 2.16% Cu and 28 g/t Ag. M tunnel penetrated 6m of lode comprised mostly of axinite, actinolite and chalcopyrite without reaching the footwall. The lode here averaged approx. 3.4% Cu and 25 g/t Ag. The lode in N tunnel is 6m wide and completely decomposed.

No. 4 Orebody was exposed in B trench, open cut western fall, and A tunnel. The lode in B trench is 14m wide. In the open cut western fall the lode consists of axinite with minor chalcopyrite and pyrrhotite. Combined samples from B trench and the open cut averaged 3.12% Cu and 34 g/t Ag.

Two other Orebodies - the east lode and the west lode - received less attention but are similar to the four main orebodies. Five diamond drill holes totalling 283m have been drilled from No. 1 tunnel (2), No. 2 adit (1) and D open cut (2). Details appear in Waller (1902b).

Clifton Mine - Section 237-93M

This section adjoins the Colebrook sections to the south and <sup>west?</sup> east. About 215m below the summit of Colebrook Hill a bench was cut along the western slope exposing a 30m width of oxidised ore similar to that at Colebrook with interbands of slate. The ore comprises axinite, pyrite, chalcopyrite and pyrrhotite and gold. 17m below the bench a tunnel bearing 160° was driven for 26m. Near the entrance a 0.6m width of gossan strikes N-S and dips to the west. The last 6m of the tunnel contained axinite and pyrrhotite with minor chalcopyrite.

Lynton Mine - Section 4734-M (ex 282-93M)

Considerable surface workings were developed on a large irregular gossan outcrop near cliffs of serpentinite in the NW of the section. A map dated 1950 in E.Z. files 51/18 shows several small workings up to 120m north of the main workings. The latter consist of a number of trenches, open cuts, pits and shallow shafts, a small adit and a main adit approx. 44m long. An unsigned letter dated 1930 in file 51/18 reports a number of pits showing disseminated galena in barite, with barite up to 2.75m wide in one place. Smith (1898) reported several veins of galena, barite and calcite up to 3" wide with an irregular strike. The main adit is 30m vertically below these workings. It passes through serpentinite but the last 14m is in "hard" barite with trace lead. Reinhardt (1973) reports a crosscut containing 13m trace disseminated galena, pentlandite and millerite.

Great North Colebrook - Section 553-93M

This section lies close to the junction of Pieman River and Natone Creek. A high cliff of siliceous ironstone approx. 60m wide (?) outcrops on the west bank of the creek. A tunnel was driven from just above the creek 27m to the SW into this ironstone without intersecting significant mineralisation. Approx. 25m up the east bank a bench exposed a metre of conglomerate (probably Salisbury Conglomerate) containing

(diopside?)

Page: 22

disseminated chalcopyrite. East-dipping slate outcrops to the east of this. In the lower end of a SE-trending trench in slate a little farther north, chalcopyrite in quartz was exposed. Brecciated conglomerate on top of the hill 36m above the creek contains minor chalcopyrite.

New West Colebrook - Section 321-93M

Trenching and several shafts had been dug in 1898 through up to 9m of colluvium into ultrabasics without finding anything of interest.

Natone Prospecting Association - Sections 81-91M and 1250-91M

A large outcrop of quartz and gossan striking  $345^\circ$  was reported by Montgomery (1895). A 30m adit through Fe-stained argillite cut the lode 12-15m below the surface but did not penetrate it. A lower adit had been started in 1895. Some "good" gold assays were reported.

Karlson's Lode

This lies lower down Natone Creek than the Natone P.A.'s sections. An outcrop of quartz, siderite and pyrite with minor chalcopyrite, galena and sphalerite occurs within this section.

Lewis's Section - Section 3298-43M

This section lies on Colebrook Hill. A shaft of approx. 20m was sunk beside a large N-S iron-manganese gossan but did not penetrate the base of oxidation. No mineralisation was found.

Sections 5274-M and 5275-M

These sections lie at the southern end of Colebrook Ridge. In the north of Section 5274 a shaft was sunk on a large gossan on the crest of the ridge. A similar gossan striking  $335^\circ$  and reputedly Sn-bearing is exposed in a cutting approx. 60m to the SW on the old Mt. Black pack-track. In the SE of this section a small Fe-stained Sn-bearing lode is exposed on the Williamsford track.

In the SE corner of Section 5275 a Sn-bearing quartz lode with minor chlorite strikes  $348^\circ$ . The creeks draining this portion of Colebrook Ridge carry fine tin.

Sections 6373 & 9415-M (ex 7401)

Some old workings were developed on gossanous outcrops within these sections at the head of the Exe River. Conder (1918) reported fine alluvial tin occurring in the creeks.

Svenqali Mine - Section 3275-M (ex 386-93M)

This prospect lies SW of the bridge over Conliffe Creek on the NE Dundas Tramway. In a rail cutting above Dead Man's Creek there is a 9m wide zone of irregular veins of quartz and siderite in slate. Further up the spur to the south a few trenches exposed minor gossan in iron-stained slates. To the west of the spur an adit was driven from Dead Man's Creek on a bearing of  $120^\circ$ . The first 3m (no further reports) comprised

Page 23.

black slate with small veins of siderite and minor chalcopyrite. Northeast of this and a metre above the Ring River another adit, at least 16m long, was driven to cut a similar formation outcropping approx. 60m higher up above the junction of Ring River and Conliffe Creek. Slate with small veins of siderite was encountered in the first 16m.

Hall (1967) reported two adits bearing  $110^\circ$  for 24m and  $160^\circ$  for 6m respectively.

New Palace Mine - Section 266-93M

These workings lie to the NE of the Svengali Mine. A 20m shaft was sunk and connected with a barren rise from an adit 30m below the mouth of the shaft. At 20m a drive followed the lode which comprised gossan and fahlore for 6m to the south. The rise is 48m and  $170^\circ$  from the adit entrance; the adit then turns east for 15m through black slate which strikes north-south and dips east. Several small oxidised veins with minor fahlore cross the adit just past the rise.

Hamilton Mine

The only known reference to this mine is on a 4" to the mile (1:15,840) North Broken Hill map (Read-Rosebery sheet) of mineral deposits where it appears as a Pb-Sb occurrence with a siderite gangue. It lies on the south side of Bakers Creek approx. 400m ENE of the New Palace Mine.

Moore's Pimple Mine (Evenden Mine) - Section 10400-M (ex 8989-M, ex 299-93M)

These workings lie on the north and west slopes of Moore's Pimple. They were originally known as the Evenden Mine (not to be confused with the Evenden Prospect near Fraser Creek). The country rocks are purple slate, dolomitic quartzite and chert conglomerate (Salisbury Conglomerate?) intruded by dolomitised serpentinite.

To the north a 100m adit was driven east, the last 18m being in dolomitised serpentinite. At the contact at 82m a 7.5cm gossan vein with a little galena was intersected. The vein was driven on for 12m to the SSE but was only 15cm wide at the end of the drive. Twelvetrees (1901) reports a Fe-Mn gossan on surface approx. 30m south of this south drive. It has apparent thickness of 25m and strike length of 140-160m and contains pyrite & chalcopyrite and minor galena and crocoite. To the south of the northern workings Blissett (1962) reports several trenches across a dolomitic orebody comprising veinlets and blebs of pyrite and minor chalcopyrite and native copper at the junction of slate and quartzite with the chert conglomerate. This could well be the same mineralised gossan described by Twelvetrees. Reid (1925) reports the presence of zaratorite (a nickel carbonate) and bulk samples assayed 0.15 - 0.25% Ni.

Hodge's Mystery Mine

This copper occurrence is shown on a 4" to the mile (1:15,840) North Broken Hill map (Tyndall sheet) of mineral deposits. It lies approx. 1700m southeast of Mt. Dundas just within the southern boundary of the E.L. The copper apparently occurs in a quartz gangue but no other details are known.

Olympic Mine - Section 9257-M (ex 4943)

The lodes lie in the SE of the section. The mineralisation in the workings occurs as quartz fault/fracture containing pyrite and cassiterite. Blissett (1962) describes

the host rocks as green and purplish cherty argillite with dark grey or brown siltstone and greywacke.

Close to the eastern boundary is a lode (No. 3 lode?) striking  $350^\circ$  at least 10m wide according to Ward (1911). Another lode (No. 2 lode?) which has been benched lies 20m to the west. The lode here is 45cm wide strikes  $345^\circ$ , dips  $55^\circ$ - $80^\circ$  east and contained an almost solid band of cassiterite 7.5 - 22.5 cm wide.

No. 1 adit was driven for 52m to the east without exposing any ore of value. No. 2 lode is exposed at the portal and was opened up in a short drive, in trenches and open cuts to the north and south over 45m. No. 3 lode was intersected 39m from the portal and was driven on for 5m but was less than 2.5cm wide. 4m along this drive is a rise from No. 2 adit level. Short drives were made to the north and south 47m from the portal.

18m vertically below these workings, to the NW and 52m lower downslope, No. 2 adit was driven for 82m bearing  $078^\circ$  or  $085^\circ$  in "altered slate". A decomposed band of rock, "supposedly a lode channel" was intersected near the entrance. At 50-55m (Ward 1911) or 55-58m (Conder, 1918) No. 2 lode, small but well-defined, was encountered; it reputedly assayed 2% Sn. A drive was made for 21m to the north but little ore was found. The lode was driven on for 30m to the SSE then SE for 9m. At 13m a 5m winze exposed rich ore 7.5 - 15cm wide. At 30m a rise to the surface was cut on ore 10-26cm wide of average grade and some ore was stoped between the rise and the winze. A larger lode (No. 3 lode) was intersected from 76-82m along the adit; drives were made to the north and south with little success. The south drive was 30m long with several cross-cuts from it. A 15m rise connected with No. 1 adit but the lode petered out at 9m.

Just north of this adit, 20m vertically below it and 30m downslope, No. 3 adit was driven for 163m but intersected only "some promising veins of gossan". No. 1 lode was formerly exposed at the portal. Further development was carried out in existing adits between 1924 and 1926. The total reserve was 600 tons of which 500 tons was mined; metallic tin content was 7 tons (1.4%).

Ring Valley Mine - Section 4661-93M (also held as 1400-91M, 4736-93M & 3049-87M).

The lease history of these workings is obscure and is further complicated by the take-over of the adjacent Fahlore Mine by the Ring Valley Mining Co. in 1902. Both mines commenced operation in 1893 and were finally abandoned in 1914.

Three lodes occur in the NE portion of Section 1440. The main shaft of 34m was sunk on No. 2 lode and was opened out at 30m. The mineralisation here comprises pyrite with patches of fahlore and chalcopryrite. The ore pitches south, disappearing underfoot 8m along the south drive. The drive continues to 23m but the lode is virtually barren. The lode is vertical and strikes at  $342^\circ$ . Cross-cuts were driven east and west from the shaft. 10m from the shaft the east cross-cut intersected the No. 1 lode comprising a 1.2m band of pyrite followed by several more bands 15-20cm thick. Drives followed the lode for 37m to the north and 14m to the south but the lode was barren except for very minor chalcopryrite with pyrite and siderite. The lode strikes at  $344^\circ$  and dips vertically; it apparently represents a fault/fracture-filling.

A NW cross-cut from the end of the north drive intersected the south end of a rich shoot of fahlore and chalcopryrite approximately 7m west of the drive. The first 2m of the shoot was estimated to average 150 oz/ton Ag. This shoot dips east and should intersect the "main lode" (No. 1?) lode 12m below this level.

4m along the north drive on No. 1 lode a rise was made to the adit level. From this rise an intermediate level was driven 9m northwards. A 35cm vein comprising chalcopyrite and lesser fahlore was intersected in the last 1.5m. Further up the rise, just below the adit level, rich ore and pyrite was exposed in the north end of an underhand stope. These various exposures suggest, according to Waller (1902b) that the ore in No. 2 lode pitches north. Above the adit level ore has been mined over a strike of 30m.

No. 3 lode was intersected by the west cross-cut from the main shaft. The vein is up to 7.5m wide and contains siderite, pyrite and fahlore.

South of the main shaft, when the leases were previously held by the Rich Prospecting Association, a cut was made in the lode close to the river. On the other side of the river, just below the NE Dundas Tramway, a tunnel was driven on the lode.

#### Fahlore Mine - Sections 3212-87M, 3692-93M

The "main" Ring Valley lode runs north through the southern section of the Fahlore Mine; most of the workings are on this lode. The lode, which outcrops the Ring River, strikes at  $350^{\circ}$  and dips steeply west according to Montgomery (1893b) and Blissett (1962) although Waller (1902b) claims a steep easterly dip. The old mine workings lie near the SE corner of Section 3212.

A 30m shaft was sunk 15m south of the Ring River and westerly cross-cuts at 15m and 30m intersected the lode at distances of 13m and 21m respectively. At No. 1 level the lode was followed for 30m northwards and 15m southwards, and at No. 2 level for 12m northwards and 29m southwards; the lode strikes at  $345^{\circ}$  and dips west. The ore shoot pitches to the north and the fahlore mined was rich but patchy. In a river bend north of this shaft is a lode containing small veins of fahlore; it appears to pass east of the shaft.

The main tunnel (total length 189m), 107m north of this shaft, was driven northwards along a 30-60cm lode of mostly pyrite for 37m before meeting a small ore shoot containing fahlore and chalcopyrite which was stoped out. This "rise" was underneath a reserve for the proposed extension (in 1898) of the NE Dundas Tramway to Rosebery. At 81m a cross-cut 9m to the east intersected only barren slate and coarse-grained sandstone. At 82m the tunnel veers slightly eastwards for another 24m. At 88m a shoot rich in pyrite with minor chalcopyrite was intersected. 3m west of the end of the tunnel a cross-cut intersected an ore shoot which was driven onto the north and south for a total of 18m. It was stoped out to its full height of 7.6m. A winze was sunk 6.4m through the ore. In the bottom of the winze the lode comprises a 45cm width of pyrite and fahlore and 75cm of "slaty lode-matter" and pyrite. One sample from the winze taken before it was halted by water inflow bulked 5.5% Cu and 214oz/ton Ag. The drive was extended another 82m (direction not stated) without finding significant mineralisation.

An intermediate tunnel 150m north of the entrance to the main tunnel followed the lode for 165m. Only pyrite was found in the first 82m. Patchy ore occurs in the floor from 82m to 100m where the lode "improved considerably" and rose above the tunnel. Stoping commenced at 94m; the leading stope extends for 38m, No. 2 stope for 34m, No. 3 for 21m, and No. 4 for 7.5m. The lode is "often very wide" in these stopes and consists mainly of pyrite with bunches and veins of fahlore up to 30cm wide. Pyrite near the fahlore contains considerable chalcopyrite. Fahlore was still present in the stopes in 1902. The lode is poor in the drive beyond the stopes.

In the north of Section 3212-93M about 150m above the river a 38m tunnel was driven westerly and intersected a pyrite-siderite lode 90-120cm wide but very poor in grade. This lode crosses the river about 120m north of the shaft.

A shallow tunnel was driven through a very large gossan outcrop in the southern portion of Section 3692 but only low grade ore was intersected. A cross-cut from the intermediate tunnel to this formation was planned in 1902.

Most of the fahlore in the upper levels of the Ring Valley and Fahlore mines has been worked out and the ore at depth is complex containing fahlore, jamesonite, galena, chalcopyrite and pyrite. The table below presents the only recorded production from these mines:

	<u>Ore (tons)</u>	<u>Ag (oz)</u>	<u>Cu (tons)</u>	<u>period</u>
Fahlore Mine	95	20,000(est)	5 (est)	1900
Ring Valley - Fahlore Mines	2,877	363,000 "	159 "	1902-14
TOTAL	2,972	383,000 "	164 "	

Section 331-93M

This section lies to the north of the Fahlore Mine. A tunnel was driven west for 76m. The approach and first 7.5m intersected gossan with minor pyrite which probably correlates to the lode in the Fahlore Mine adit 15m below. The country rock changes from slate to serpentinite at 46m. Smith (1898) refers to a 12m zone of Mn gossan with seams of rubbly quartz, presumably from within this tunnel.

Block 302: Section 8885-M (ex 302-93M)

On this section, which lies some distance south of the Ring Valley-Fahlore Mines, Smith (1898) describes a mineralised zone up to 6m wide striking SE and dipping NE. This lode was explored in trenches, open cuts and 3 adits. The country rock of slate and sandstone is impregnated with pyrite and there are several veins of solid pyrite (up to 30cm thick) with small seams of galena, jamesonite and siderite. Patches of tetrahedrite was found but the orebody is generally poorly mineralised. A tunnel was driven through altered clay, slate and sandstone but was stopped before the lode was intersected. About 26 tons of ore was mined from these workings to give 2211oz of silver and one ton of copper.

Block 291: Section 9433-M, ex 291-93M ("Orr's Section")

The lode continues SE into this section from Block 302 where a gossanous outcrop contains pyrite and minor galena in siderite. 21m below this outcrop a tunnel was driven SW and cut the lode at approx. 24m; the lode was driven on for a few feet to the NW and SE but contained siderite and no significant mineralisation. About 45m above this tunnel and roughly 60m to the SE an adit was driven for 100m along the lode. The lode near the entrance is 60cm wide and comprises siderite, lesser pyrite and arsenopyrite and minor fahlore and galena. "Good patches" of fahlore were encountered in this tunnel but the lode was generally poor. Above the tunnel the lode was traced up a small creek to the boundary of Section 343-93M (Central Curtin-Davis) and near the boundary some good ore was obtained - 7.5 tons of 3.9% Cu and 118 oz/ton Ag, and 18 tons of "seconds" at 3.1% Cu and 72 oz/ton Ag (Smith 1898).

Central Curtin-Davis: Section 343-93M

This section lies to the south of 291-93M and appears to have later been partly or wholly incorporated into 9433-M. Smith (1898) reports a tunnel bearing 150° being driven along the lode, apparently adjacent to the workings on 291-93M. The country rock passes from sandstone and grit into contorted black slate. "In places there are small bunches of fahlore and copper pyrites, but the country is very much broken and disturbed". Montgomery (1896) described the position of the lode as about 120m east of the NW corner of 343-93M. At that time it had been traced southward for approx. 80m by cross trenches and northward into 291-93M for approx. 60m by a trench on the outcrop.

**Appendix 4**

**Diamond drill holes on EL 5/2002**

**Drillhole Details**

The details of Drillhole 9249

<b>Name/Location:</b> CB1 Colebrook Hill		<b>Localities:</b>	
<b>Associated Tenement:</b> EL1/1962		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	374952 mE	<b>Relative Level:</b>	477.3 metres
<b>Y:</b>	5371700 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	14/NOV/1984	<b>Hole Length:</b>	1063.75 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	0 degrees
<b>Company(s):</b>	Electrolytic Zinc Company of Australasia Limited	<b>Dip:</b>	-90 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">85_2516</a> E.L. 1/62 - Mt Black Annual Report on Exploration Activities for 1985			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 11208

<b>Name/Location:</b> CHP228 Colebrook Hill		<b>Localities:</b>	
<b>Associated Tenement:</b> EL1/1962		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	374997 mE	<b>Relative Level:</b>	497 metres
<b>Y:</b>	5371717 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	01/JAN/1981	<b>Hole Length:</b>	233.7 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	90 degrees
<b>Company(s):</b>	Electrolytic Zinc Company of Australasia Limited	<b>Dip:</b>	-60 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">82_1738</a>	Mt Black Exploration Licence E.L. 1/62, Progress Report on Activity July, 1980-June, 1981		
<a href="#">83_2068</a>	Exploration Licence No. 1/62 Mt. Black; Progress Report on Exploration Activity 4th May, to 15th November, 1983.		

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 11209

<b>Name/Location:</b> CHP229 Colebrook Hill		<b>Localities:</b>	
<b>Associated Tenement:</b> EL1/1962		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	374863 mE	<b>Relative Level:</b>	357 metres
<b>Y:</b>	5372185 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	18/APR/1981	<b>Hole Length:</b>	247.4 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	268 degrees
<b>Company(s):</b>	Electrolytic Zinc Company of Australasia Limited	<b>Dip:</b>	-55 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">82_1738</a>	Mt Black Exploration Licence E.L. 1/62, Progress Report on Activity July, 1980-June, 1981		

[Back](#)[Show Map](#)[Extra/Printable Details](#)



**Drillhole Details**

The details of Drillhole 10926

<b>Name/Location:</b> CHP236 Colebrook Hill		<b>Localities:</b>	
<b>Associated Tenement:</b> EL1/1962		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	374895 mE	<b>Relative Level:</b>	470 metres
<b>Y:</b>	5370875 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	22/OCT/1982	<b>Hole Length:</b>	119 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	290 degrees
<b>Company(s):</b>	Electrolytic Zinc Company of Australasia Limited	<b>Dip:</b>	-48 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">83_1920</a>	Exploration Licence No. 1/62 Mt Black, Progress Report on Exploration Activity 5th May to 20th No.Ember, 1982		
<a href="#">83_2002</a>	Exploration Licence No. 1/62 Mt Black, Progress Report on Exploration Activity 21 November, 1982 to 3 May, 1983.		
<a href="#">83_2068</a>	Exploration Licence No. 1/62 Mt. Black; Progress Report on Exploration Activity 4th May, to 15th November, 1983.		

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 10927

<b>Name/Location:</b> CHP237 Colebrook Hill		<b>Localities:</b>	
<b>Associated Tenement:</b> EL1/1962		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	374564 mE	<b>Relative Level:</b>	390 metres
<b>Y:</b>	5370812 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	30/OCT/1982	<b>Hole Length:</b>	122 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	270 degrees
<b>Company(s):</b>	Electrolytic Zinc Company of Australasia Limited	<b>Dip:</b>	-58 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">83_1920</a>	Exploration Licence No. 1/62 Mt Black, Progress Report on Exploration Activity 5th May to 20th No.Ember, 1982		
<a href="#">83_2002</a>	Exploration Licence No. 1/62 Mt Black, Progress Report on Exploration Activity 21 November, 1982 to 3 May, 1983.		
<a href="#">83_2068</a>	Exploration Licence No. 1/62 Mt. Black; Progress Report on Exploration Activity 4th May, to 15th November, 1983.		

[Back](#)[Show Map](#)[Extra/Printable Details](#)



**Drillhole Details**

The details of Drillhole 10389

<b>Name/Location:</b> CHP240 Mt Black		<b>Localities:</b>	
<b>Associated Tenement:</b> EL1/1962		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	374950.5 mE	<b>Relative Level:</b>	477.3 metres
<b>Y:</b>	5371702.9 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	25/MAY/1983	<b>Hole Length:</b>	291.4 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	100 degrees
<b>Company(s):</b>	Electrolytic Zinc Company of Australasia Limited	<b>Dip:</b>	-64 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">83_2068</a>	Exploration Licence No. 1/62 Mt. Black; Progress Report on Exploration Activity 4th May, to 15th November, 1983.		

[Back](#)[Show Map](#)[Extra/Printable Details](#)





**Drillhole Details**

The details of Drillhole 9759

<b>Name/Location:</b> CHP263 Mt Black		<b>Localities:</b>	
<b>Associated Tenement:</b> EL1/1962		<b>Core Location:</b>	
<b>Location Information</b>			
<b>X:</b>	374973.5 mE	<b>Relative Level:</b>	515 metres
<b>Y:</b>	5370399 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	17/MAY/1984	<b>Hole Length:</b>	203.8 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	90 degrees
<b>Company(s):</b>	Electrolytic Zinc Company of Australasia Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">85_2313</a> E.L. 1/62 - Mt Black. Annual Report on Exploration Activities, 1984			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 9761

<b>Name/Location:</b> CHP266 Mt Black		<b>Localities:</b>	
<b>Associated Tenement:</b> EL1/1962		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	375651 mE	<b>Relative Level:</b>	319 metres
<b>Y:</b>	5370773 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	02/JUN/1984	<b>Hole Length:</b>	196 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	87 degrees
<b>Company(s):</b>	Electrolytic Zinc Company of Australasia Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">85_2313</a> E.L. 1/62 - Mt Black. Annual Report on Exploration Activities, 1984			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 9762

<b>Name/Location:</b> CHP267 Mt Black		<b>Localities:</b>	
<b>Associated Tenement:</b> EL1/1962		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	375792 mE	<b>Relative Level:</b>	297 metres
<b>Y:</b>	5370784 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	12/JUN/1984	<b>Hole Length:</b>	133.5 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	90 degrees
<b>Company(s):</b>	Electrolytic Zinc Company of Australasia Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">85_2313</a> E.L. 1/62 - Mt Black. Annual Report on Exploration Activities, 1984			

[Back](#)[Show Map](#)[Extra/Printable Details](#)



**Drillhole Details**

The details of Drillhole 11206

<b>Name/Location:</b> NP104 Natone Prospect Area Natone Valley		<b>Localities:</b>	
<b>Associated Tenement:</b> EL1/1962		<b>Core Location:</b>	
<b>Location Information</b>			
<b>X:</b>	375982 mE	<b>Relative Level:</b>	279.8 metres
<b>Y:</b>	5370093 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	01/JAN/1962	<b>Hole Length:</b>	281.33 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	306 degrees
<b>Company(s):</b>	Electrolytic Zinc Company of Australasia Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">82_1738</a>	Mt Black Exploration Licence E.L. 1/62, Progress Report on Activity July, 1980- June, 1981		

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 6106

<b>Name/Location:</b> Mt Black Natone Pros NP104		<b>Localities:</b>	
<b>Associated Tenement:</b> EL1/1962		<b>Core Location:</b>	
<b>Location Information</b>			
<b>X:</b>	376000 mE	<b>Relative Level:</b>	metres
<b>Y:</b>	5370100 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	5000m		
<b>Drill Information</b>			
<b>Drill Date:</b>	05/JAN/1962	<b>Hole Length:</b>	281 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	
<b>Company(s):</b>	Electrolytic Zinc Company of Australasia Limited	<b>Dip:</b>	
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">71_0785</a> El 1/62 Mt Black Area. Stream Sediment Sampling.			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 6107

<b>Name/Location:</b> NP107 Natone Prospect Area Natone Valley		<b>Localities:</b>	
<b>Associated Tenement:</b> EL1/1962		<b>Core Location:</b>	
<b>Location Information</b>			
<b>X:</b>	375900 mE	<b>Relative Level:</b>	metres
<b>Y:</b>	5370800 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	500m		
<b>Drill Information</b>			
<b>Drill Date:</b>	12/JAN/1962	<b>Hole Length:</b>	238 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	298 degrees
<b>Company(s):</b>	Electrolytic Zinc Company of Australasia Limited	<b>Dip:</b>	-47 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">71_0785</a> El 1/62 Mt Black Area. Stream Sediment Sampling.			

[Back](#)[Show Map](#)[Extra/Printable Details](#)









**Drillhole Details**

The details of Drillhole 15614

<b>Name/Location:</b> MZ5 Montezuma		<b>Localities:</b>	
<b>Associated Tenement:</b> EL101/1987		<b>Core Location:</b> MRT Mornington Rockstore, Null	
<b>Location Information</b>			
<b>X:</b>	371825 mE	<b>Relative Level:</b>	265 metres
<b>Y:</b>	5368590 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	25/APR/1990	<b>Hole Length:</b>	529 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	270 degrees
<b>Company(s):</b>	RGC Exploration Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">91_3285</a> E.L. 101/87 Dundas and E.L. 13/88 Moores Pimple Annual Report 1990/91.			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8783

<b>Name/Location:</b> RBE-1 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	373496.1 mE	<b>Relative Level:</b>	150.3 metres
<b>Y:</b>	5371606.7 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	5000m		
<b>Drill Information</b>			
<b>Drill Date:</b>	10/MAR/1974	<b>Hole Length:</b>	184.9 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	282 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-50 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">74_1021</a> El 5/63 Renison East Block, Interim Report. 1973/74 Summer Field Season.			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8761

<b>Name/Location:</b> RBE2 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372323 mE	<b>Relative Level:</b>	179 metres
<b>Y:</b>	5370777 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	20/NOV/1978	<b>Hole Length:</b>	313.5 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	290.3 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-50 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">80_1421</a> Report on Diamond Drilling in the Renison East Area (E.L. 5/63 Part 6)			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8762

<b>Name/Location:</b> RBE3 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	373105 mE	<b>Relative Level:</b>	105.7 metres
<b>Y:</b>	5372905 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	26/OCT/1979	<b>Hole Length:</b>	134 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	272.4 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-52.5 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">80_1421</a> Report on Diamond Drilling in the Renison East Area (E.L. 5/63 Part 6)			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8763

<b>Name/Location:</b> RBE4 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372612 mE	<b>Relative Level:</b>	200 metres
<b>Y:</b>	5371060 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	01/OCT/1979	<b>Hole Length:</b>	94 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	282.3 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-52 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">80_1421</a> Report on Diamond Drilling in the Renison East Area (E.L. 5/63 Part 6)			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8764

<b>Name/Location:</b> RBE5 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	373045 mE	<b>Relative Level:</b>	115.49 metres
<b>Y:</b>	5372795 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	03/NOV/1979	<b>Hole Length:</b>	173 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	270 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">80_1421</a> Report on Diamond Drilling in the Renison East Area (E.L. 5/63 Part 6)			
<a href="#">84_2113</a> Interview Pinnacles E.L. 36/80 Progress Report for Year Ending 28 March 1984			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8755

<b>Name/Location:</b> RBE6 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	373169.29 mE	<b>Relative Level:</b>	220.68 metres
<b>Y:</b>	5369952.67 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	50m		
<b>Drill Information</b>			
<b>Drill Date:</b>	08/MAY/1980	<b>Hole Length:</b>	125.7 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	0 degrees
	Comstaff		
<b>Company(s):</b>	Proprietary Limited	<b>Dip:</b>	-90 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">80_1509</a>	Report Accompanying Licence Renewal Application for Exploration Licence 5/63 Tasmania		

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8756

<b>Name/Location:</b> RBE7 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372956 mE	<b>Relative Level:</b>	127.1 metres
<b>Y:</b>	5372794.7 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	15/MAY/1980	<b>Hole Length:</b>	193.5 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	270.4 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">80_1509</a>	Report Accompanying Licence Renewal Application for Exploration Licence 5/63 Tasmania		
<a href="#">84_2113</a>	Interview Pinnacles E.L. 36/80 Progress Report for Year Ending 28 March 1984		

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8757

<b>Name/Location:</b> RBE8 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372729.5 mE	<b>Relative Level:</b>	176.5 metres
<b>Y:</b>	5372957.7 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	29/MAY/1980	<b>Hole Length:</b>	307 metres
<b>Driller Category:</b>	Private Contractor Comstaff	<b>Azimuth:</b>	90.3 degrees
<b>Company(s):</b>	Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">80_1509</a>	Report Accompanying Licence Renewal Application for Exploration Licence 5/63 Tasmania		

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8758

<b>Name/Location:</b> RBE9 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	373025 mE	<b>Relative Level:</b>	109.8 metres
<b>Y:</b>	5372775 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	16/JUN/1980	<b>Hole Length:</b>	219 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	270.4 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-47 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">80_1509</a>	Report Accompanying Licence Renewal Application for Exploration Licence 5/63 Tasmania		
<a href="#">84_2113</a>	Interview Pinnacles E.L. 36/80 Progress Report for Year Ending 28 March 1984		

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8759

<b>Name/Location:</b> RBE10A East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372755 mE	<b>Relative Level:</b>	176.1 metres
<b>Y:</b>	5372730 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	16/JUL/1980	<b>Hole Length:</b>	295.5 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	90.4 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">80_1509</a>	Report Accompanying Licence Renewal Application for Exploration Licence 5/63 Tasmania		
<a href="#">84_2113</a>	Interview Pinnacles E.L. 36/80 Progress Report for Year Ending 28 March 1984		

[Back](#)[Show Map](#)[Extra/Printable Details](#)





**Drillhole Details**

The details of Drillhole 8751

<b>Name/Location:</b> RBE13 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	373318.1 mE	<b>Relative Level:</b>	200.8 metres
<b>Y:</b>	5371664.7 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	18/AUG/1980	<b>Hole Length:</b>	151.8 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	228.3 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-70 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">80_1508</a>	Monthly Report to the Department of Mines, Tasmania, for October 1980, Exploration Licence 5/63		
<a href="#">80_1509</a>	Report Accompanying Licence Renewal Application for Exploration Licence 5/63 Tasmania		
<hr/>			
<hr/>			
<hr/>			
<a href="#">Back</a>	<a href="#">Show Map</a>	<a href="#">Extra/Printable Details</a>	

**Drillhole Details**

The details of Drillhole 8752

<b>Name/Location:</b> RBE14 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372723.3 mE	<b>Relative Level:</b>	178.2 metres
<b>Y:</b>	5372547 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	07/SEP/1980	<b>Hole Length:</b>	291.5 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	90.4 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">80_1508</a>	Monthly Report to the Department of Mines, Tasmania, for October 1980, Exploration Licence 5/63		
<a href="#">80_1509</a>	Report Accompanying Licence Renewal Application for Exploration Licence 5/63 Tasmania		
<a href="#">84_2113</a>	Interview Pinnacles E.L. 36/80 Progress Report for Year Ending 28 March 1984		

[Back](#)[Show Map](#)[Extra/Printable Details](#)









**Drillhole Details**

The details of Drillhole 8768

<b>Name/Location:</b> RBE19 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372713 mE	<b>Relative Level:</b>	147.9 metres
<b>Y:</b>	5372307.1 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	30/NOV/1980	<b>Hole Length:</b>	365 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	111 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">81_1604</a> Report Accompanying Licence Renewal Application for Exploration Licence 5/63			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8769

<b>Name/Location:</b> RBE20 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372689.6 mE	<b>Relative Level:</b>	175.2 metres
<b>Y:</b>	5372843.1 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	12/JAN/1981	<b>Hole Length:</b>	391 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	90 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">81_1604</a> Report Accompanying Licence Renewal Application for Exploration Licence 5/63			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8770

<b>Name/Location:</b> RBE21 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	373037.2 mE	<b>Relative Level:</b>	144 metres
<b>Y:</b>	5372127.1 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	07/FEB/1981	<b>Hole Length:</b>	361 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	270 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">81_1604</a> Report Accompanying Licence Renewal Application for Exploration Licence 5/63			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8729

<b>Name/Location:</b> RBE22 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372600 mE	<b>Relative Level:</b>	176.6 metres
<b>Y:</b>	5372780.6 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	50m		
<b>Drill Information</b>			
<b>Drill Date:</b>	30/MAR/1981	<b>Hole Length:</b>	500.2 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	90 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">81_1604</a> Report Accompanying Licence Renewal Application for Exploration Licence 5/63 Six Monthly Report to Tasmania Department of Mines for the Period Ended 30			
<a href="#">82_1690</a> December, 1981; Summary of Work Completed, in Progress and Proposed for E.L. 5/63			
<a href="#">84_2113</a> Interview Pinnacles E.L. 36/80 Progress Report for Year Ending 28 March 1984			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8730

<b>Name/Location:</b> RBE23 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372604.5 mE	<b>Relative Level:</b>	173.7 metres
<b>Y:</b>	5372600.5 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	50m		
<b>Drill Information</b>			
<b>Drill Date:</b>	25/APR/1981	<b>Hole Length:</b>	502 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	88 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-46 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">82_1690</a> Six Monthly Report to Tasmania Department of Mines for the Period Ended 30 December, 1981; Summary of Work Completed, in Progress and Proposed for E.L. 5/63			
<a href="#">84_2113</a> Interview Pinnacles E.L. 36/80 Progress Report for Year Ending 28 March 1984			

[Back](#)[Show Map](#)[Extra/Printable Details](#)



**Drillhole Details**

The details of Drillhole 8732

<b>Name/Location:</b> RBE25 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372600.1 mE	<b>Relative Level:</b>	177.9 metres
<b>Y:</b>	5373018.9 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	01/MAY/1981	<b>Hole Length:</b>	356.4 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	90 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">82_1690</a> Six Monthly Report to Tasmania Department of Mines for the Period Ended 30 December, 1981; Summary of Work Completed, in Progress and Proposed for E.L. 5/63			

[Back](#)[Show Map](#)[Extra/Printable Details](#)











**Drillhole Details**

The details of Drillhole 8738

<b>Name/Location:</b> RBE31 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372851.4 mE	<b>Relative Level:</b>	180 metres
<b>Y:</b>	5372599.5 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	500m		
<b>Drill Information</b>			
<b>Drill Date:</b>	02/NOV/1981	<b>Hole Length:</b>	186.9 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	90 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
Six Monthly Report to Tasmania Department of Mines for the Period Ended 30 December, 1981; Summary of Work Completed, in Progress and Proposed for E.L. 5/63			
<a href="#">84_2113</a> Interview Pinnacles E.L. 36/80 Progress Report for Year Ending 28 March 1984			

[Back](#)[Show Map](#)[Extra/Printable Details](#)











**Drillhole Details**

The details of Drillhole 8744

<b>Name/Location:</b> RBE37 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372846.63 mE	<b>Relative Level:</b>	179.51 metres
<b>Y:</b>	5372424.77 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	05/JUN/1982	<b>Hole Length:</b>	158.3 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	90 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">83_1905</a> Progress Report on the Renison East Area E.L. 5/63 Part 6			
<a href="#">84_2113</a> Interview Pinnacles E.L. 36/80 Progress Report for Year Ending 28 March 1984			

[Back](#)[Show Map](#)[Extra/Printable Details](#)



**Drillhole Details**

The details of Drillhole 8746

<b>Name/Location:</b> RBE39 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372818.7 mE	<b>Relative Level:</b>	123 metres
<b>Y:</b>	5373197.2 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	29/JUN/1982	<b>Hole Length:</b>	238 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	270 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">83_1905</a> Progress Report on the Renison East Area E.L. 5/63 Part 6			

[Back](#)[Show Map](#)[Extra/Printable Details](#)





**Drillhole Details**

The details of Drillhole 8707

<b>Name/Location:</b> RBE42 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372724.8 mE	<b>Relative Level:</b>	117.6 metres
<b>Y:</b>	5373319.8 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	14/AUG/1982	<b>Hole Length:</b>	257 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	270 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">84_2133</a> Comstaff Proprietary Limited Annual Report to the Department of Mines, Tasmania for the Period 1.7.83 to 30.6.84, Exploration Licence 5/63			

[Back](#)[Show Map](#)[Extra/Printable Details](#)







**Drillhole Details**

The details of Drillhole 8711

<b>Name/Location:</b> RBE46 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372699.1 mE	<b>Relative Level:</b>	177.6 metres
<b>Y:</b>	5373078.1 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	50m		
<b>Drill Information</b>			
<b>Drill Date:</b>	18/JAN/1983	<b>Hole Length:</b>	657.6 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	92 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-63 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">84_2133</a> Comstaff Proprietary Limited Annual Report to the Department of Mines, Tasmania for the Period 1.7.83 to 30.6.84, Exploration Licence 5/63			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8712

<b>Name/Location:</b> RBE46D East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372699.1 mE	<b>Relative Level:</b>	177.6 metres
<b>Y:</b>	5373078.1 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	01/JAN/1983	<b>Hole Length:</b>	1188.3 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	92 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-63 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">84_2133</a> Comstaff Proprietary Limited Annual Report to the Department of Mines, Tasmania for the Period 1.7.83 to 30.6.84, Exploration Licence 5/63			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8713

<b>Name/Location:</b> RBE47 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	373152.9 mE	<b>Relative Level:</b>	150.8 metres
<b>Y:</b>	5372139.3 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	27/MAR/1983	<b>Hole Length:</b>	343.8 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	90 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">84_2133</a> Comstaff Proprietary Limited Annual Report to the Department of Mines, Tasmania for the Period 1.7.83 to 30.6.84, Exploration Licence 5/63			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8714

<b>Name/Location:</b> RBE48 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	372959.6 mE	<b>Relative Level:</b>	127 metres
<b>Y:</b>	5372801.6 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	08/AUG/1983	<b>Hole Length:</b>	143 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	46 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-50 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">84_2133</a> Comstaff Proprietary Limited Annual Report to the Department of Mines, Tasmania for the Period 1.7.83 to 30.6.84, Exploration Licence 5/63			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8715

<b>Name/Location:</b> RBE49 East Risdon		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	373150 mE	<b>Relative Level:</b>	112 metres
<b>Y:</b>	5372720 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	22/NOV/1983	<b>Hole Length:</b>	184 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	232 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">84_2133</a> Comstaff Proprietary Limited Annual Report to the Department of Mines, Tasmania for the Period 1.7.83 to 30.6.84, Exploration Licence 5/63			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8716

<b>Name/Location:</b> RBE50 East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b> MRT Mornington Rockstore	
<b>Location Information</b>			
<b>X:</b>	373225 mE	<b>Relative Level:</b>	112 metres
<b>Y:</b>	5372785 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	01/DEC/1983	<b>Hole Length:</b>	184 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	235 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-45 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">84_2133</a> Comstaff Proprietary Limited Annual Report to the Department of Mines, Tasmania for the Period 1.7.83 to 30.6.84, Exploration Licence 5/63			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 3434

<b>Name/Location:</b> RENISON BELL S117		<b>Localities:</b>	
<b>Associated Tenement:</b>		<b>Core Location:</b>	
<b>Location Information</b>			
<b>X:</b>	371200 mE	<b>Relative Level:</b>	metres
<b>Y:</b>	5370200 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>			
<b>Drill Information</b>			
<b>Drill Date:</b>	11/JAN/1962	<b>Hole Length:</b>	45 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	
<b>Company(s):</b>	Renison Associated Tin Mines NL	<b>Dip:</b>	
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>No Related Reports were found</b>			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 14828

<b>Name/Location:</b> S283 ARGENT-KAPI		<b>Localities:</b>	
<b>Associated Tenement:</b> SPL27		<b>Core Location:</b>	
<b>Location Information</b>			
<b>X:</b>	369820 mE	<b>Relative Level:</b>	metres
<b>Y:</b>	5367980 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	500m		
<b>Drill Information</b>			
<b>Drill Date:</b>	01/JAN/1971	<b>Hole Length:</b>	182 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	
<b>Company(s):</b>	Renison Limited (Exploration)	<b>Dip:</b>	
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">71_0784</a> S.P.L. 27 - South Dundas, 1970 - 71 Annual Report.			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 14825

<b>Name/Location:</b> S284 ARGENT-KAPI		<b>Localities:</b>	
<b>Associated Tenement:</b> SPL27		<b>Core Location:</b>	
<b>Location Information</b>			
<b>X:</b>	369620 mE	<b>Relative Level:</b>	metres
<b>Y:</b>	5367900 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	500m		
<b>Drill Information</b>			
<b>Drill Date:</b>	01/JAN/1971	<b>Hole Length:</b>	240 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	
<b>Company(s):</b>	Renison Limited (Exploration)	<b>Dip:</b>	
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">71_0784</a> S.P.L. 27 - South Dundas, 1970 - 71 Annual Report.			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 12993

<b>Name/Location:</b> S554 ARGENT		<b>Localities:</b>	
<b>Associated Tenement:</b> EL42/1971		<b>Core Location:</b>	
<b>Location Information</b>			
<b>X:</b>	370600 mE	<b>Relative Level:</b>	metres
<b>Y:</b>	5367100 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	50m		
<b>Drill Information</b>			
<b>Drill Date:</b>	03/OCT/1978	<b>Hole Length:</b>	401 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	294 degrees
<b>Company(s):</b>	Renison Limited (Exploration)	<b>Dip:</b>	-56 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">79_1369</a> Argent-Kapi Area Western Tasmania - Annual Report, 1978/79			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 4649

<b>Name/Location:</b> RENISON BELL EXE R X1		<b>Localities:</b>	
<b>Associated Tenement:</b>		<b>Core Location:</b>	
<b>Location Information</b>			
<b>X:</b>	373000 mE	<b>Relative Level:</b>	metres
<b>Y:</b>	5372900 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	50m		
<b>Drill Information</b>			
<b>Drill Date:</b>	03/JAN/1967	<b>Hole Length:</b>	185 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	
<b>Company(s):</b>	Mines Exploration Proprietary Limited	<b>Dip:</b>	
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>No Related Reports were found</b>			

[Back](#)[Show Map](#)[Extra/Printable Details](#)

**Drillhole Details**

The details of Drillhole 8765

<b>Name/Location:</b> ER-DDHXI East Renison		<b>Localities:</b>	
<b>Associated Tenement:</b> EL5/1963		<b>Core Location:</b>	
<b>Location Information</b>			
<b>X:</b>	372920 mE	<b>Relative Level:</b>	110 metres
<b>Y:</b>	5373120 mN		
<b>Datum:</b>	AMG66		
<b>X/Y Accuracy:</b>	10m		
<b>Drill Information</b>			
<b>Drill Date:</b>	20/NOV/1978	<b>Hole Length:</b>	185.47 metres
<b>Driller Category:</b>	Private Contractor	<b>Azimuth:</b>	282.3 degrees
<b>Company(s):</b>	Comstaff Proprietary Limited	<b>Dip:</b>	-10 degrees
<b>Purpose(s):</b>	Metallic minerals	<b>Underground Collar?:</b>	N
<b>Drill Type(s):</b>	Diamond	<b>Parent Drillhole (for wedges):</b>	
		<b>Start Wedge Downhole Depth (for wedges):</b>	
<b>Related Reports</b>			
<a href="#">80_1421</a> Report on Diamond Drilling in the Renison East Area (E.L. 5/63 Part 6)			

[Back](#)[Show Map](#)[Extra/Printable Details](#)