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GLADSTONE

EL15/95

ANNUAL REPORT

FOR THE PERIOD 09/11/96 - 10/11/97

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December 1997

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1.0 SUMMARY

Work undertaken this year included the taking of 496 hand augured soils samples in the area between the Bluebell mine and the Grand Flaneur workings and to the north of the Grand Flaneur workings and the digging of about 140 metres of trenches. Soil results showed anomalous gold and arsenic in the environs of the old Bluebell, Prince Imperial and Grand Flaneur mines and an area of anomalous arsenic in an area near the Grand Flaneur with no old workings apparent. The anomaly was apparently spurious as trenching indicated at least 4.5 metres of transported overburden. Transported gravels and sands were encountered on most lines and preclude any further hand-augered soil sampling.

The trenching returned relatively low values for gold with all metre channel samples below 0.8 g/t and most below 50 ppb. Arsenic gave a better vector to the Portland reef from both the north and south, exhibiting an increase from >50 metres away.

Future work may include ground magnetics, "wacker" bedrock sampling to overcome the sand and gravel problem and/or shallow drilling.

2.0 INTRODUCTION

2.1 Location

E.L. 15/95 "Gladstone" is located in the far north east of Tasmania, containing the township of Gladstone in the south west corner of the licence (Figure 1).

2.2 Tenure

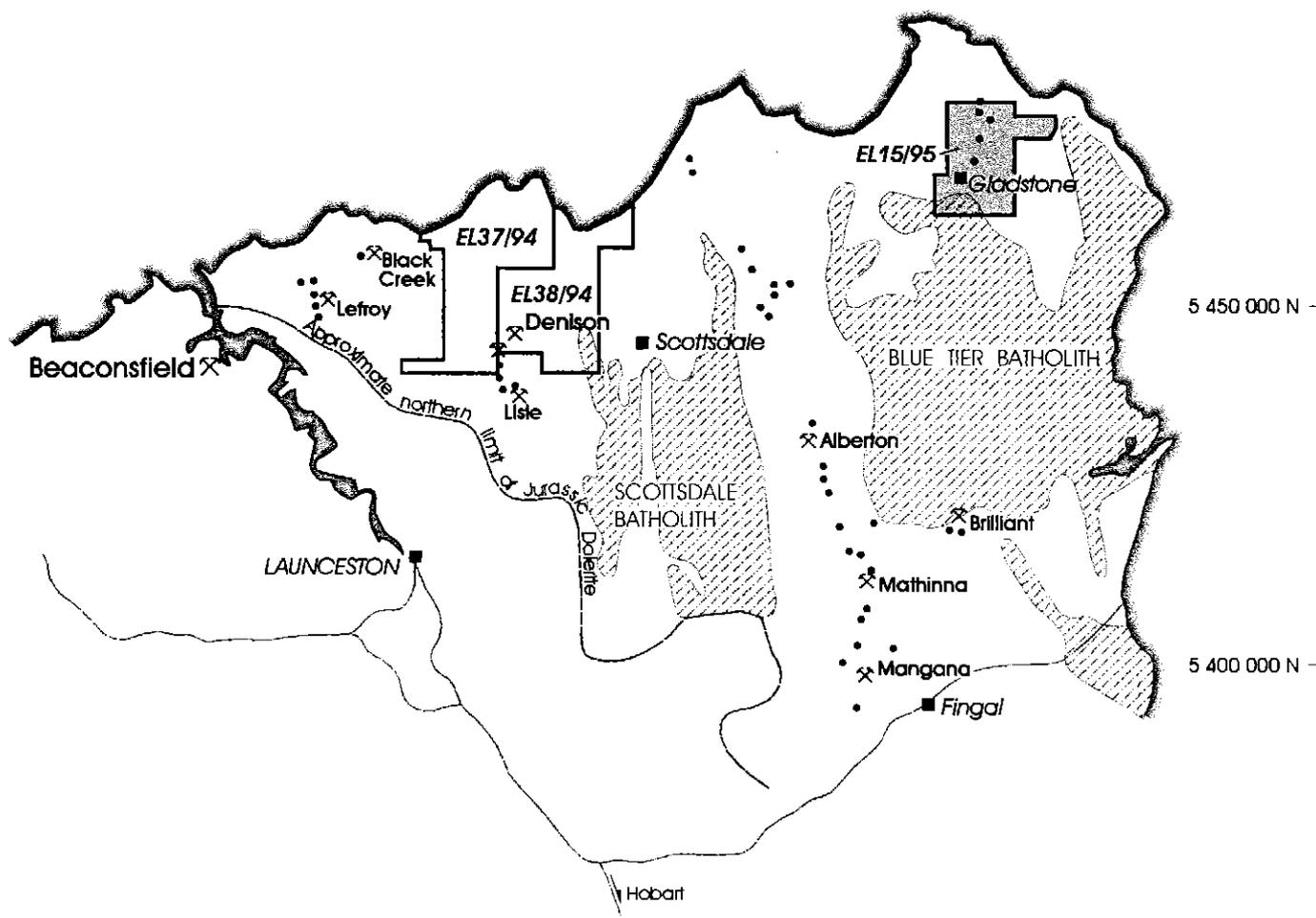
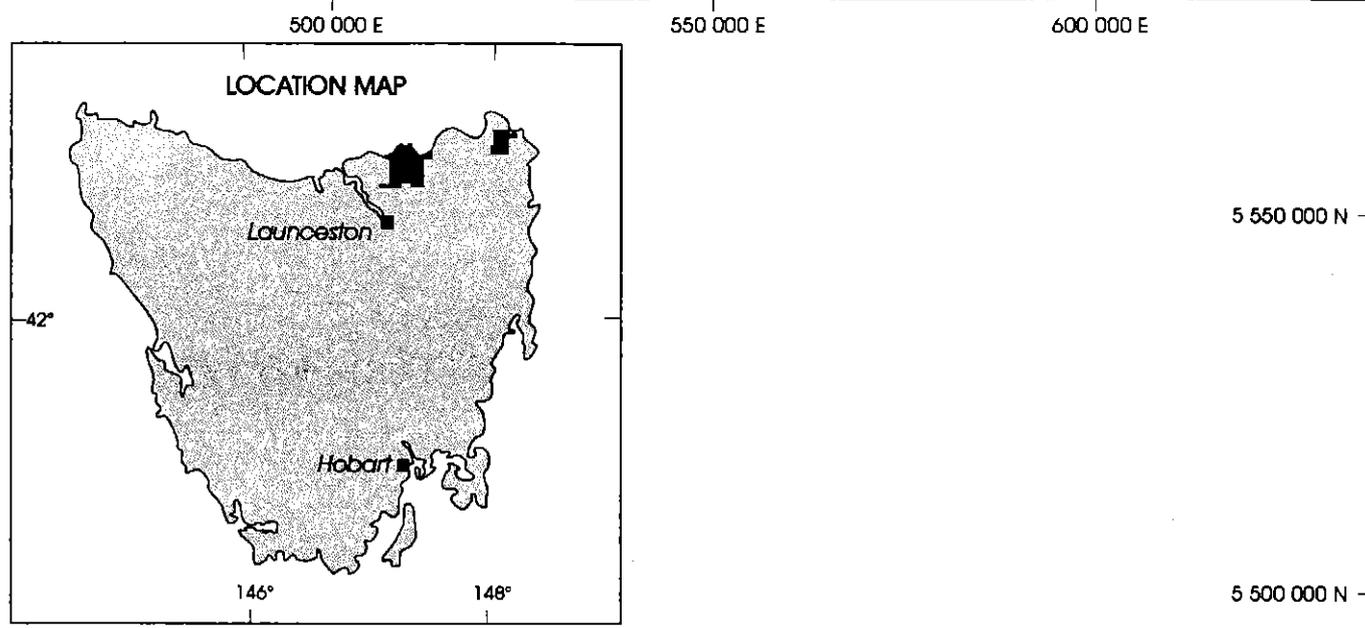
The licence was granted to Anglo Australian Resources N.L. on the 10th of November, 1995. The licence covers an area of 167 square kilometres.

2.3 Land Status/Usage

The land is almost entirely private freehold and is mostly used for sheep farming. One property, Rushy Lagoon, occupies approximately 80% of the licence area. The south-west corner of the licence area covers the small township of Gladstone, with numerous buildings. Around the township of Gladstone there are many old mine workings associated with both gold and tin deposits.

2.4 Topography/Vegetation

The majority of the licence area is relatively flat and less than 100 metres above sea-level, except for the extreme south-west corner which rises up some 300 metres towards Mount Cameron. The northern half has been mostly cleared to pasture, whilst the southern half is vegetated by open eucalypt forest, although denser near watercourses.



⊗ Major gold field

• Minor gold workings

--- Road

0 25
kilometres

5 cm

GLADSTONE
NE Tasmania
EL15/95

Figure 1.

2.5 Access

Access is very good. There are many tracks in and around the township of Gladstone, whilst at Rushy Lagoon there is free access through paddocks as well as along the network of roads and tracks servicing the property.

3.0 GEOLOGY

The Eastern Tasmanian Terrane (Banks and Baillie, 1989) is the southernmost Australian expression of the Lachlan Fold Belt, and in north-eastern Tasmania it is comprised of an early Ordovician to early Devonian folded succession of turbiditic quartzwackes and pelites, the Mathinna Group (Powell and Baillie, 1993), which have been correlated with rocks of the Melbourne Trough in Victoria. Mathinna Group rocks have undergone regional low-grade metamorphism, and thermal metamorphism where they have been intruded by calc-alkaline granitoid batholiths of Devonian age. Thermal aureoles are commonly sharply defined and vary in width from about 800 to 5000 metres. Flat-lying sediments of the late Carboniferous/Early Permian to Triassic Parmeener Supergroup unconformably overlie both the Mathinna Group sediments and the Devonian granitoids. The Parmeener Supergroup rocks are intruded by thick sheets of Jurassic dolerite. Areas of Tertiary basalt and associated Tertiary sediments occur in north-eastern Tasmania and in some places have filled pre-existing drainage systems to form deep leads, some of which contain alluvial gold. Quaternary alluvium occurs in river valleys, and in the near the coast, Quaternary windblown sands obscure much of the bedrock.

Gold mineralisation occurs in the Mathinna Group sediments throughout north-east Tasmania. At some locations the gold mineralisation appears to be granitoid related, e.g. Golden Ridge and Lisle-Golconda-Panama, and in other locations there is no spatial relationship to granitoids e.g. the Lyndhurst-Alberton-Mathinna-Mangana "gold corridor" and Lefroy. In this respect, there are similarities with the gold mineralisation in Victoria.

Locally, Mathinna Group sediments outcrop over about 35% of the licence area and consist of regionally metamorphosed turbiditic sandstones, mudstones and lithicwackes (Baillie, 1984). Where they are contact metamorphosed, they are comprised of spotted pelite, psammite and minor schists. Devonian granites associated with the Eddystone and Blue Tier Batholiths intrude the Mathinna Group on the northern and southern portions of the licence area, respectively. In the north, a biotite-muscovite granite (Musselroe Pluton) outcrops and has produced a narrow <1 kilometre wide thermal aureole in the Mathinna Group rocks. In the south, a biotite-hornblende granodiorite of the Gardens Pluton has produced a thermal aureole of up to 2 kilometres width, although the granodiorite outcrops in only a few places, being largely covered by Tertiary gravels and sands. Near the Gladstone township, a biotite granite of the Poimena Pluton has been intruded by a later phase of biotite-muscovite granite which contains a cassiterite bearing greisen responsible for the alluvial tin mineralisation found in the district. The thermal aureole in the Gladstone area is up to 5 kilometres wide. On the western side of the licence area, large areas of bedrock are covered by

Quaternary windblown sands. A small amount of Permian sediment and Jurassic dolerite are present.

Tin mineralisation occurs as a primary deposit in a greisenized granite near the Gladstone township, and as alluvial deposits to the north and east of the township.

Gold mineralisation occurs in two different settings in the licence area. Within the contact aureole of the Gladstone granitoids, associated with tin mineralisation, and north-east of Gladstone in an area free of thermal metamorphism.

Near the township of Gladstone at Fly-By-Night Creek, gold occurs in parallel series of generally thin quartz veins which trend north-west and is generally associated with arsenopyrite and lesser chalcopyrite. Cassiterite and wolframite often occur within the same vein systems (Twelvetrees, 1916; Nye, 1933). Roach (1994) suggests that textural evidence indicates that gold mineralisation occurred before thermal metamorphism and that tin mineralisation was subsequent to thermal metamorphism. At nearby Coarse Gold Creek, quartz veins contain gold with no sulphides.

Gold mineralisation occurs in an area some 8 -12 kilometres north-east of Gladstone township in structurally controlled vein systems with varying orientations - NNW, E-W and N-S. The mineralisation lies outside the thermal aureole of the granitoids and Roach (1994) has suggested that the Mathinna Group rocks are at least 2 kilometres thick in the vicinity of the Portland Mine. The gold is associated mainly with arsenopyrite, but also with galena and sphalerite at Portland, which also has significant silver. Most of the mines in this area report increasing sulphidic component at depth, suggesting a process of near-surface secondary enrichment. No cassiterite or wolframite occurs in this area associated with gold mineralisation.

Although not reported from the Gladstone area, another type of gold mineralisation occurs in north-east Tasmania and has been reported by McIntosh Reid (1925, 1926) from the Bessells Reward Prospect near the Lisle field to the west. He refers to a "gold-impregnated sandstone" which is not associated with quartz veining, but is associated with secondary mica and varying degrees of ferruginisation.

4.0 EXPLORATION PHILOSOPHY

Anglo Australian Resources N.L. is a small gold/base metal explorer. Anglo Australian Resources N.L.'s original target model was for one or more narrow but high grade structurally controlled/hosted gold-quartz reefs with a total gold content of ~100 000 oz's at a grade of >10g/t.

A number of such gold-quartz reefs were worked in the area in the latter part of last century and the early part of this century. Reported drop in grades with depth is an oft cited cause in the closure of these mines. There is some evidence that this drop was metallurgical and not real. Anglo Australian Resources N.L. believes that there is

potential for economic gold mineralisation at depth beneath old workings with the gold possibly refractory or finer grained.

These gold-quartz reefs are structurally hosted within the Ordovician-Devonian Mathinna Beds. These structures themselves may be recognisable as dislocations in the weakly, but sufficiently, magnetic Mathinna Beds. Alternatively favourable structural settings such as anticlinal hinges may be recognisable in the available aeromagnetic data. These structures may also have a surface expression recognisable from landsat imagery.

Known gold-quartz reefs discovered by early prospectors almost certainly outcropped. Undiscovered gold-quartz reefs or broader zones of large tonnage low grade gold mineralisation at shallow depths may be expected to be overlain by soils anomalous in gold with this anomalism exhibiting a reasonably coherent dispersion pattern away from the reef for some distance. A broader dispersion pattern is expected from the more mobile metal elements commonly associated with gold in these reefs. The most significant of these elements is arsenic.

Drill targets may be defined by old workings, favourable structures, shallow favourable granitoids or gold and/or arsenic soil geochemical anomalism or any combination of these.

Recent work on the Denison prospect to the west has revealed the existence of gold-bearing sandstones similar to those described by McIntosh Reid (1925) which occur in the Lisle district. This type of mineralisation has the potential for extensive strike length and may offer the possibility of a higher tonnage lower grade deposit suitable for an open pit operation. This style of mineralisation is not reported from the Gladstone area as yet.

5.0 PREVIOUS EXPLORATION AND MINING

Mining started north-east of Gladstone at the Blue Bell mine in 1870, with most mining in the early 1880's. Total production for the Gladstone field was reported as 57.9 kilograms from hard rock sources and 103 kilograms from alluvials.

TABLE 1. PREVIOUS PRODUCTION GLADSTONE AREA

Mine	Production (Au in kg)	Grade (g/t)
Royal Tasman	51.3	17.3
Portland	2.9	32.5
Flemings	2.3	9.6
Coarse Gold Creek	0.4	30

Most workings did not extend to significant depth, Portland being one of the deepest at around 60 metres. Most old workings are now inaccessible due to caved-in adits or water-filled and/or collapsed shafts. The only open adit is the North Tasman Adit.

The Royal Tasman No.1 and Royal Tasman No. 2 may or may not have fault offsets of the same reef, there being some conjecture (Nye, 1932). The Royal Tasman No.1 reef was worked by two shafts, two adits and open stopes to a depth of 22 metres, with stoping along strike for 73 metres. The reef is reported to range in width from 0.6 metres to 2.25 metres (Thureau, 1881; Nye, 1932). The grade is reported to have decreased with depth, however Twelvetrees (1916) reports that gold from the deeper level is held in pyrite and arsenopyrite and was unable to be won. Another problem reported for the Royal Tasman Mine was the use of inferior stone because of the need to keep the 15 stamp battery fed. The Royal Tasman No.2 reef was stoped over 26 metres to a depth of 33 metres with the reef reported as being from 1.2 to 1.8 metres wide (Nye, 1932). It appears to have been faulted at either end.

The Royal Standard reef is reported as being up to 6.5 metres wide and though visible gold is noted, no grades are reported.

The Flemings reef was worked to a depth of 10 metres and ranged in width from 0.2 to 0.6 metres wide. The production shown in Table 1. includes small amounts of quartz from other dumps. It does not include the gold won from the sulphide concentrates. Nye (1932) reports that the grab samples of such concentrate have returned up to 60 ounces/ton.

The Portland mine was worked to a depth of 63 metres on a reef 0.15 to 0.3 metres wide. High silver grades were also reported from this mine (Twelvetrees, 1916). This mine failed due to the increasing sulphide content at depth, the gold not being able to be separated by simple crushing.

The Blue Bell mine was worked to a depth of around 35 metres on two reefs, one of which was 1 metre wide. Gold is reported from silicified wall rock in this mine. It would appear that sulphidic quartz was the end of this mine as well (Nye, 1932).

The Grand Flaneur mine, a few hundred metres north of the Blue Bell, was worked to about 20 metres depth on a 0.6 to 0.9 metre wide reef. Little is known of the history of this mine.

Most mining in the Gladstone area was carried out in the 1880's with brief revivals in the depressions of the 1890's and 1930's. It would appear that the major reason for failure of mines in the Gladstone area was increasing sulphide levels at depth. No large scale cyanidation appears to have been attempted though Nye (1932) reports that "in 1901-1902 the Royal Tasman tailings were cyanided with, it is stated, good results".

Previous exploration in the area has tended to focus on the tin potential of the area.

Santos (Whitehouse, 1983) assayed soil samples for both tin and gold, obtaining some scattered anomalous gold values in the general vicinity of the old workings. The detection limit for gold was 0.3 g/t. Six trenches were dug and channel sampled to follow up these anomalies. Results were generally low with 2 metres at 0.85 g/t Au in a zone of NNW trending fine veins the best assay.

Placeco (Morrison and Davidson, 1987) carried out gold exploration in the Gladstone area in conjunction with exploration on tenements over other gold fields in the north-east. Placeco carried out a regional aeromagnetics survey as well as trial ground magnetics, self-potential, resistivity and soil (Au, As, Ag, Cu, Pb, Zn) over the Portland mine.

A summary of their results are:

- there are recognisable magnetic and non-magnetic lithologies in the Mathinna Group which can be detected by the aeromagnetics. Structures can be recognised (faults and folds) in the Mathinna Group, and discrete magnetic highs within the granitoids, which may be significant in understanding gold mineralisation genesis and location.
- radiometric data is useful for delineating boundaries between granitoid plutons
- "no immediate discernible response pattern or signature for the mineralised areas", however there are some subtle linear features in the area of the Portland and Blue Bell mines which may be related to structures controlling mineralisation.
- ground magnetics support aeromagnetics in the Portland mine area. Spike anomalies may reflect quartz veining.
- self-potential also gave contourable anomalies trending north-west, parallel to magnetics.
- arsenic proved to be a strong and clear indicator of mineralisation with peaks of 690 ppm. The anomaly was open-ended to the west, along the strike of the reef.
- lead and zinc values support the arsenic anomaly
- gold defines an anomalous zone over old workings (at the 50 ppb contour) with highs of 110 ppb.

Placeco's proposed programme of trenching at Portland and further enhancement of regional aeromagnetics and radiometrics was not carried out.

McOnie (1983) undertook a comprehensive review of the occurrences of gold in north-east Tasmania for Goldfields Exploration.

6.0 WORK CONDUCTED AND RESULTS

6.1 Rock chip and channel sampling

Eight samples of quartz-veined material were taken from a deep irrigation ditch dug through the Bluebell workings. Results were disappointing with the highest gold assay of 40 ppb and 6 sample at or below detection (10 ppb). Arsenic ranged from 68 to 527 ppm.

6.2 Soil sampling

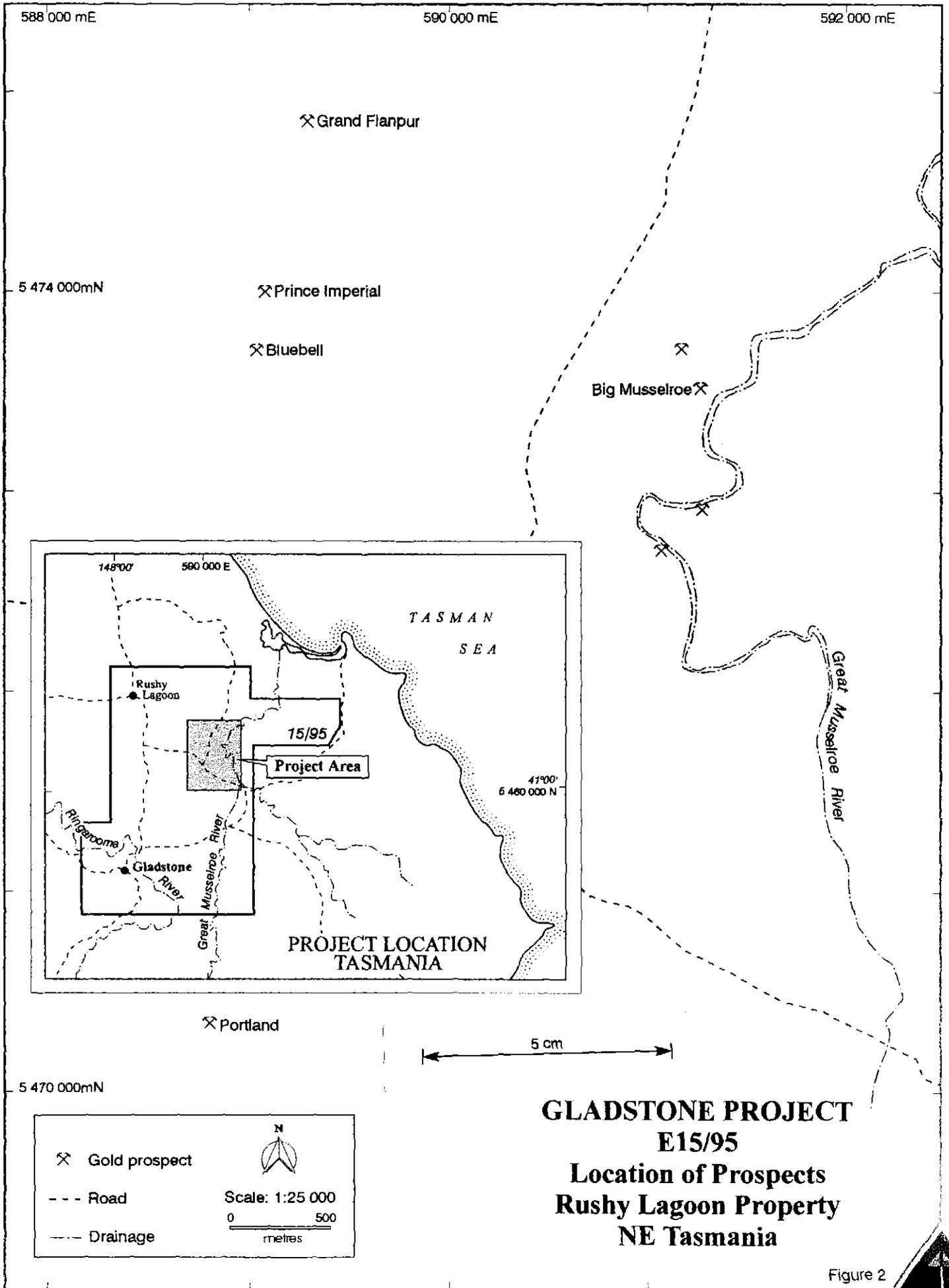
496 hand augured soils samples were taken in the area between the Bluebell workings and the Grand Flaneur workings and to the north of the Grand Flaneur workings (Figure 2). The siting of the grid along a low ridge (Figure 3), where Mathinna Group float was observed to occur in several places, was intended to minimise the probability of sampling sand, gravel and alluvial soil known to occur in the area. It was found, however, that the sand was more widespread than anticipated and several lines were not completed. The large areas of low arsenic in the northern part of the grid also indicates probable transported material. Results are presented in figures 4, 5, 6 and 7. Anomalous gold and arsenic values were obtained around the Bluebell, Prince Imperial (400 metres north of the Bluebell), and Grand Flaneur workings. The maximum values of 82 ppb Au and 314 ppm As occurred near the Bluebell. A zone of anomalous arsenic with a maximum value of 311 ppm was obtained 200 metres south of the Grand Flaneur, in an area not associated with old workings.

6.2 Trenching

Four trenches were dug in the vicinity of the Portland mine, as shown in Figure 8. Trench one (northernmost) was 28 metres long and 2.5 to 3 metres deep and encountered deeply weathered sandstones and siltstones with little quartz veining. 10 channel samples were taken and a maximum gold assay of 40 ppb was obtained most being at or below detection (10 ppb). Arsenic ranged from 13 to 203 ppm. Trench two was 32 metres long and 2.5 to 3 metres deep and through similar lithologies to trench one but with increasing narrow quartz veining and ferruginisation towards a 10 centimetre white buck quartz vein at the southernmost end of the reef (possibly the Portland reef), very near the old Portland mine workings. 20 channel samples were taken. Gold values were typically around 10 to 20 ppb in the northern half of the trench but increased towards the quartz vein, ranging between 110 and 770 ppb. A sample of the vein assayed at 12.8 g/t. Arsenic values were erratic and ranged from about 50 to 350 ppm, generally higher at the southernmost end. The quartz reef had the lowest arsenic value of 32 ppm. Trench three was dug through 28 metres of deeply weathered sandstone and siltstone devoid of quartz veining to a depth of 2.5 to 4 metres. 14 samples were taken, the highest gold assay being 60 ppb, but typically at or below 10 ppb and arsenic ranging from 4 to 120 ppm. Trench four (southernmost) was dug for 28 metres to a depth of 2.5 to 3 metres through a similar lithology to trench three and 13 samples were taken. A highest gold assay of 60 ppb was obtained with typical values of 10 to 30 ppb and arsenic ranging from 6 to 20 ppm.

Two trenches were dug near the Grand Flaneur mine (Figure 9) based on a coherent arsenic anomaly (Figure 7).

Trench one was dug for about 15 metres to a maximum depth of 4.5 metres encountering clay with rounded quartz pebbles and boulders, an unconsolidated gravel bed and black clay with white flecks at the base. 5 samples taken and a maximum gold assay of 50 ppb were obtained, with arsenic ranging from 22 to 183 ppm. Trench two was dug 50 metres east on a small rocky rise and was dug through 6 metres of very hard sandstone at a depth of 60 centimetres and then encountered similar clay with



**GLADSTONE PROJECT
E15/95
Location of Prospects
Rushy Lagoon Property
NE Tasmania**

Figure 2

589 000 mE

590 000 mE

591 000 mE

5 476 000mN

5 475 000mN

5 474 000mN

700E

G32

G30

Grand Flaneur

G25

G20

G15

G10

Prince Imperial

G5

Bluebell I

G1

M8

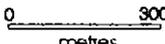
M6

M4

Big Musselroe

Great Musselroe River

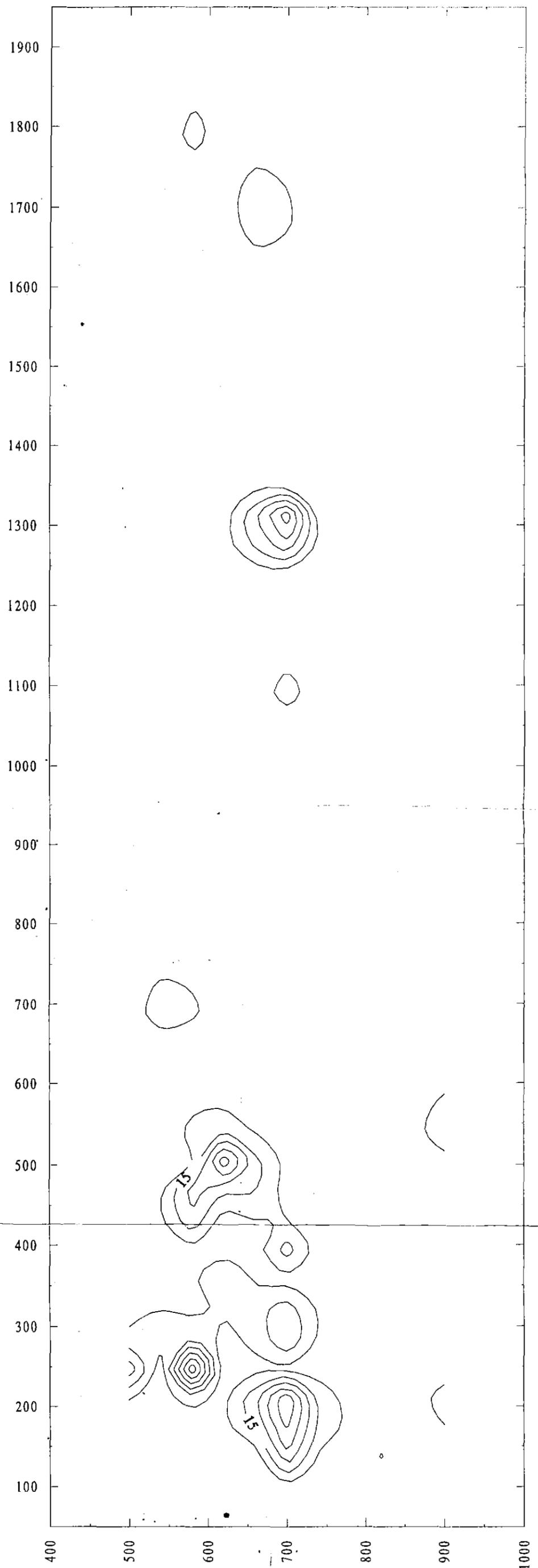
5 cm

	Road	 <p>Scale: 1:15 000</p>  <p>0 300 metres</p>
	Drainage	
	Soil sampling grid line	
	Working	

**GLADSTONE PROJECT
E15/95
Rushy Lagoon
Soil Sampling Grid**

Figure 3

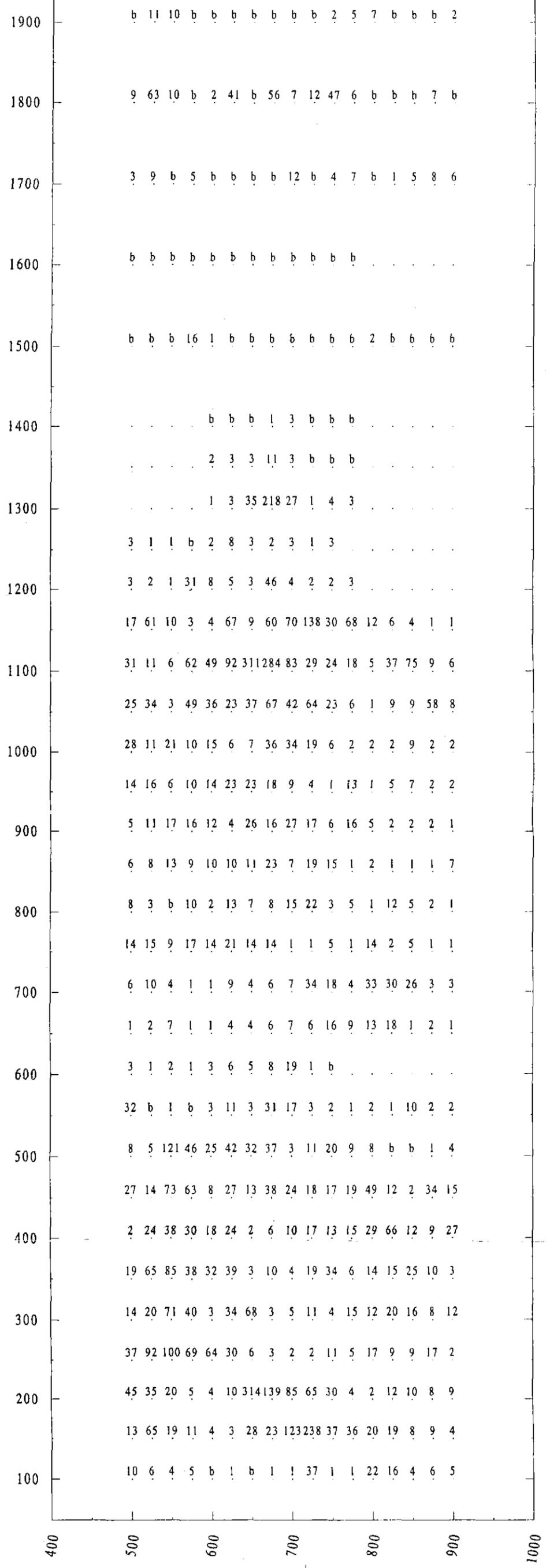
Contoured gold in ppb. Scale 1:5,000
Minimum 5ppb, maximum 65ppb,
interval 10ppb.
Values < detection set to zero.



257015

Figure 5.

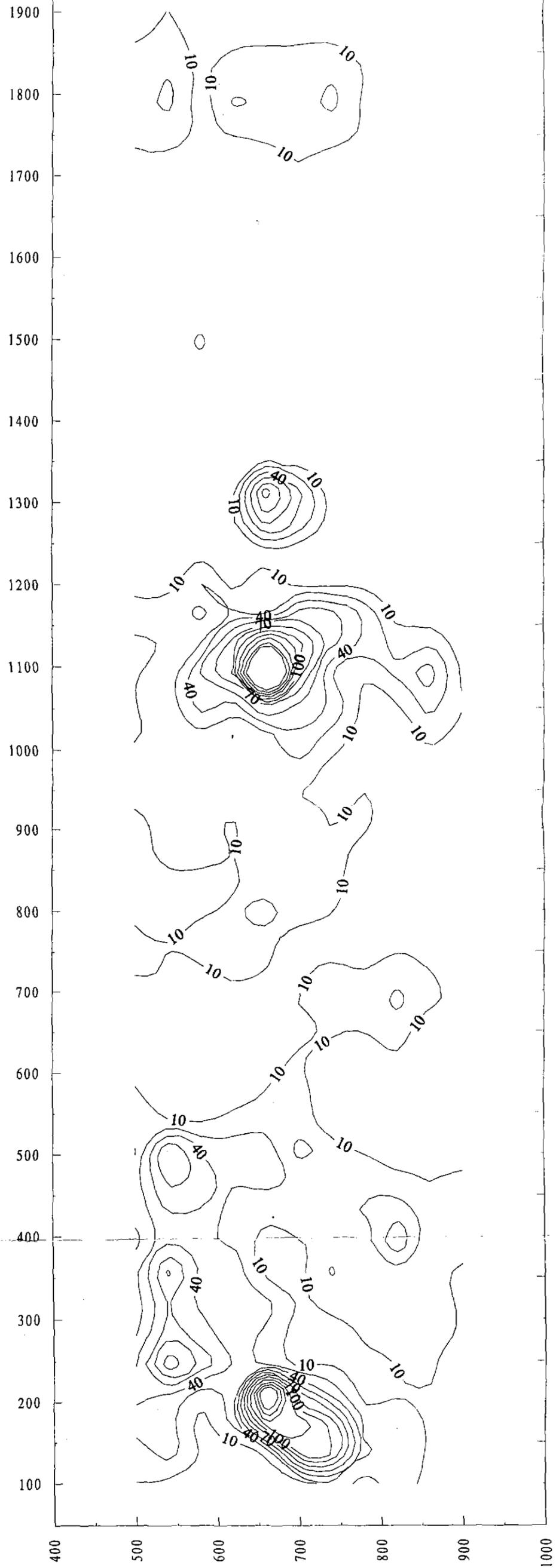
Gladstone Project Scale 1:5,000
 Bluebell - Grand Flaneur Soil Sampling Grid
 Arsenic in ppm.
 Baseline (700E) bears 010 degrees to GN.



257016

Figure 6.

Contoured arsenic in ppm. Scale 1:5,000
Minimum 10ppm, maximum 160ppm,
interval 15ppm.
Values < detection set to zero.



257012

Figure 7.

Location of trenches near Portland Mine Scale 1:2,000

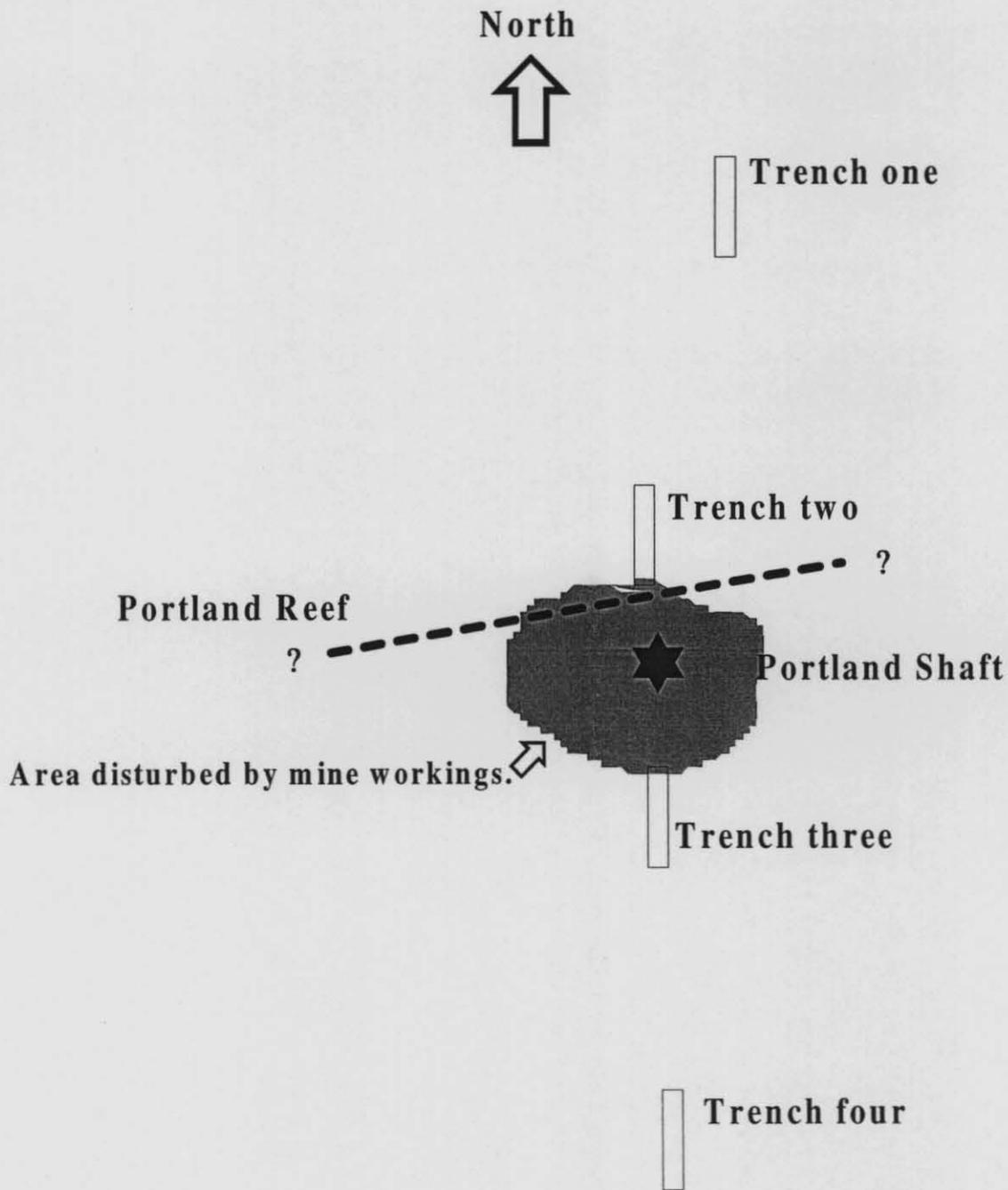


Figure 8.

Location of trenches near
Grand Flaneur mine, Scale 1:10,000

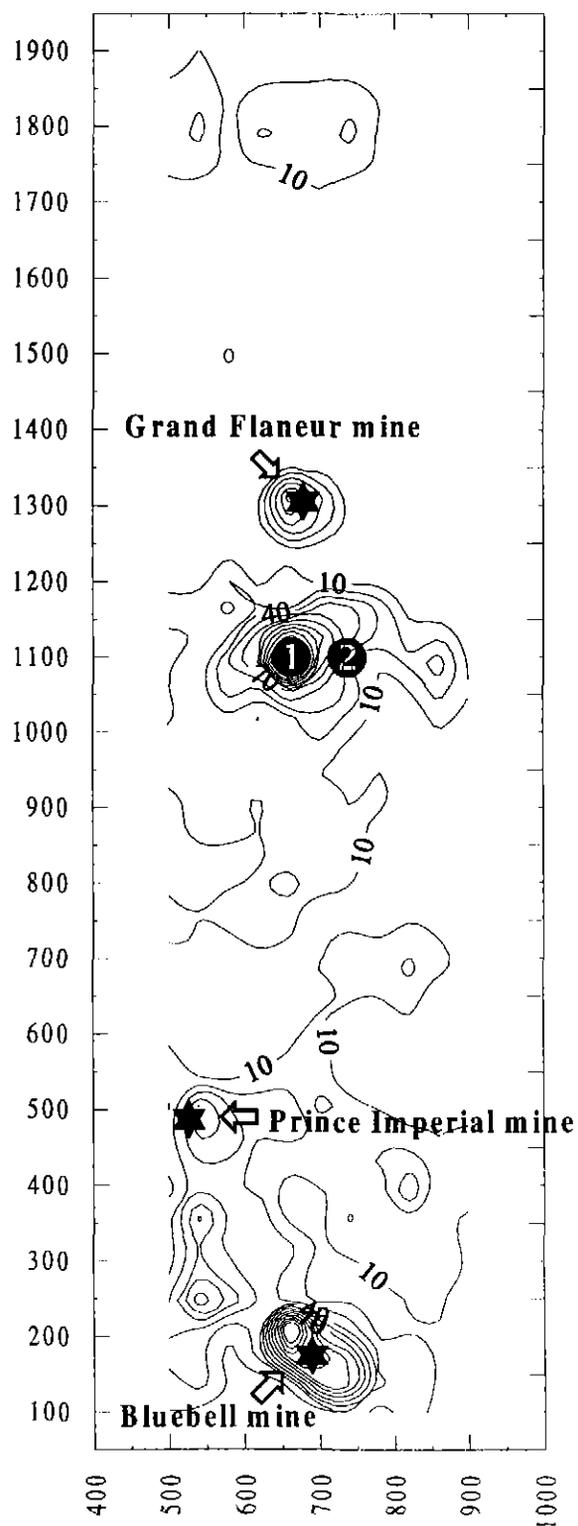


Figure 9.

rounded pebbles as in trench one. 6 samples taken with gold assaying at 10 to 40 ppb and arsenic ranging from 75 to 284 ppm.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The soil sampling programme results suggest that sand and gravels are widespread in the area north of the Bluebell. High arsenic values in soils, from <1 metre depth, south of the Grand Flaneur and forming part of a "coherent" anomaly, were developed over at least 4.5 metres of transported overburden, and probably relate to redistribution from previous mining activity at the nearby Grand Flaneur mine. Future geochemical exploration should use a deeper drilling technique, such as the "wacker" method to penetrate overburden and obtain samples of bedrock.

Interpretation of aeromagnetic data by Roach (1994) suggests that mineralisation in the Rushy Lagoon property area occurred in ENE to ESE trending reefs with a short strike length developed across the hinge zone of an anticline trending N-S. The four trenches dug near the Portland mine to test the extent of mineralisation development along the hinge zone of the anticline returned disappointing results. Increased quartz veining and ferruginisation was observed within a few metres of the Portland reef, but gold values remained below 0.8 g/t. The water table in the Portland area is at about 2 to 3 metres and the trenches filled with water overnight, so near surface processes of depletion (or enrichment) could be occurring. A small program of shallow drilling would be necessary to test this.

A trial ground magnetics survey has been conducted by the University of Tasmania and it is hoped that the method may successfully delineate faulting and folding in the area.

Depending on the results of the trial ground magnetics survey, future work could include extensive ground magnetic surveying followed by "wacker" sampling of targets and/or shallow drilling.

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APPENDIX A.

LABORATORY ASSAY DATA SHEETS

SOIL SAMPLES



Gladstone Soils

Analabs Pty. Ltd.
A.C.N. 004 591 664

Phone (004) 316837

14 Thirkell St. COOEE TAS 7320

Fax (004) 318890

ANALYTICAL REPORT No. ANG201.60.12598

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:
Anglo Australian Resources NL
Level 1/44 Ord Street
WEST PERTH WA 6005

ORDER No.	PROJECT
RUSSELL FULL	
DATE RECEIVED	RESULTS REQUIRED
18/12/96	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
20	23/01/97	1	495

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
61 500/900/25 & others	30 Prep : GP031	Au, Au(R)/66309
61 500/900/25 & others	30 Prep : GP031	As/GA140, As/HA140

RESULTS TO

Russell Fullen
Anglo Australian Resources NL
PO Box 429
SANDY BAY TAS 7005

RESULTS TO

RESULTS TO

REMARKS

PP M.H. Good
AUTHORISED OFFICER

A N A L A B S



ANALYTICAL DATA

SAMPLE PREFIX

REPORT No.

REPORT DATE

CLIENT ORDER No.

PAGE

ANG201.60.12598

23/01/97

RUSSELL FULTO

1 OF 20

	SAMPLE No.	Au	Au (R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G1 500	<0.008	-	<50	9.5				
2	G1 525	<0.008	<0.008	<50	5.7				
3	G1 550	<0.008	-	<50	3.7				
4	G1 575	<0.008	-	<50	5.3				
5	G1 600	<0.008	-	<50	<0.5				
6	G1 625	<0.008	-	<50	0.6				
7	G1 650	<0.008	-	<50	<0.5				
8	G1 675	<0.008	-	<50	1.4				
9	G1 700	<0.008	-	<50	1.1				
10	G1 725	<0.008	-	<50	36.8				
11	G1 750	<0.008	-	<50	1.4				
12	G1 775	<0.008	<0.008	<50	1.0				
13	G1 800	<0.008	-	<50	22.0				
14	G1 825	<0.008	-	<50	16.3				
15	G1 850	<0.008	-	<50	3.9				
16	G1 875	<0.008	-	<50	5.5				
17	G1 900	<0.008	-	<50	4.6				
18	G2 500	<0.008	-	<50	12.6				
19	G2 525	<0.008	-	65	-				
20	G2 550	<0.008	-	<50	18.7				
21	G2 575	<0.008	-	<50	10.8				
22	G2 600	<0.008	<0.008	<50	4.1				
23	G2 625	<0.008	-	<50	3.0				
24	G2 650	<0.008	-	<50	28.0				
25	G2 675	<0.008	-	<50	22.6				

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	SAMPLE No.	Au	Au (R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G2 700	0.056	-	123	-				
2	G2 725	0.013	-	238	-				
3	G2 750	<0.008	-	<50	36.8				
4	G2 775	<0.008	-	<50	35.7				
5	G2 800	<0.008	-	<50	20.4				
6	G2 825	0.010	-	<50	19.3				
7	G2 850	<0.008	-	<50	8.2				
8	G2 875	<0.008	-	<50	8.9				
9	G2 900	<0.008	-	<50	3.9				
10	G3 500	<0.008	-	<50	44.7				
11	G3 525	<0.008	-	<50	35.2				
12	G3 550	<0.008	<0.008	<50	20.0				
13	G3 575	<0.008	-	<50	5.3				
14	G3 600	<0.008	-	<50	3.7				
15	G3 625	<0.008	-	<50	10.4				
16	G3 650	0.037	-	314	-				
17	G3 675	0.012	0.012	139	-				
18	G3 700	0.082	0.081	85	-				
19	G3 725	<0.008	-	65	-				
20	G3 750	0.024	-	<50	30.3				
21	G3 775	<0.008	-	<50	3.8				
22	G3 800	<0.008	<0.008	<50	2.4				
23	G3 825	<0.008	-	<50	12.4				
24	G3 850	<0.008	-	<50	9.7				
25	G3 875	<0.008	-	<50	7.5				

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	SAMPLE No.	Au	Au (R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G3 900	0.012	-	<50	8.9				
2	G4 500	0.034	-	<50	37.0				
3	G4 525	<0.008	-	92	-				
4	G4 550	<0.008	-	100	-				
5	G4 575	0.082	-	69	-				
6	G4 600	<0.008	-	64	-				
7	G4 625	<0.008	-	<50	29.9				
8	G4 650	<0.008	-	<50	5.8				
9	G4 675	<0.008	-	<50	2.7				
10	G4 700	<0.008	-	<50	1.7				
11	G4 725	<0.008	-	<50	2.1				
12	G4 750	<0.008	<0.008	<50	10.7				
13	G4 775	<0.008	-	<50	4.8				
14	G4 800	<0.008	-	<50	16.7				
15	G4 825	<0.008	-	<50	9.4				
16	G4 850	<0.008	-	<50	8.8				
17	G4 875	<0.008	-	<50	16.6				
18	G4 900	<0.008	-	<50	1.5				
19	G5 500	<0.008	-	<50	13.8				
20	G5 525	<0.008	-	<50	19.9				
	G5 550	0.014	-	71	-				
22	G5 575	<0.008	<0.008	<50	39.8				
23	G5 600	<0.008	-	<50	2.5				
24	G5 625	<0.008	-	<50	34.2				
25	G5 650	0.023	-	68	-				

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	SAMPLE No.	Au	Au(R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G5 675	<0.008	-	<50	2.5				
2	G5 700	0.048	-	<50	5.2				
3	G5 725	0.010	-	<50	11.1				
4	G5 750	<0.008	-	<50	3.8				
5	G5 775	<0.008	<0.008	<50	15.4				
6	G5 800	<0.008	-	<50	12.0				
7	G5 825	<0.008	-	<50	19.5				
8	G5 850	<0.008	-	<50	16.1				
9	G5 875	<0.008	-	<50	8.2				
10	G5 900	<0.008	-	<50	12.0				
11	G6 500	<0.008	-	<50	18.9				
12	G6 525	<0.008	<0.008	65	-				
13	G6 550	0.010	-	85	-				
14	G6 575	<0.008	-	<50	38.2				
15	G6 600	0.015	-	<50	32.4				
16	G6 625	0.015	-	<50	38.7				
17	G6 650	0.008	-	<50	3.4				
18	G6 675	<0.008	<0.008	<50	10.3				
19	G6 700	<0.008	-	<50	4.1				
20	G6 725	<0.008	-	<50	19.3				
21	G6 750	<0.008	-	<50	33.9				
22	G6 775	<0.008	<0.008	<50	6.3				
23	G6 800	<0.008	-	<50	14.1				
24	G6 825	<0.008	-	<50	14.5				
25	G6 850	<0.008	-	<50	25.4				

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	SAMPLE No.	Au	Au (R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G6 875	<0.008	-	<50	9.6				
2	G6 900	<0.008	<0.008	<50	3.1				
3	G7 500	<0.008	-	<50	2.3				
4	G7 525	<0.008	-	<50	23.8				
5	G7 550	<0.008	-	<50	38.3				
6	G7 575	<0.008	-	<50	29.5				
7	G7 600	<0.008	-	<50	17.8				
8	G7 625	<0.008	-	<50	23.7				
9	G7 650	<0.008	-	<50	2.3				
10	G7 675	<0.008	-	<50	6.0				
11	G7 700	0.025	-	<50	9.5				
12	G7 725	<0.008	<0.008	<50	17.4				
13	G7 750	<0.008	-	<50	13.3				
14	G7 775	<0.008	-	<50	15.1				
15	G7 800	<0.008	-	<50	28.9				
16	G7 825	<0.008	-	66	-				
17	G7 850	<0.008	-	<50	11.8				
18	G7 875	<0.008	-	<50	8.6				
19	G7 900	<0.008	-	<50	27.2				
20	G8 500	<0.008	-	<50	26.5				
21	G8 525	<0.008	-	<50	14.2				
22	G8 550	<0.008	<0.008	73	-				
23	G8 575	0.059	-	63	-				
24	G8 600	<0.008	-	<50	7.8				
25	G8 625	<0.008	-	<50	26.7				

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	SAMPLE No.	Au	Au (R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G8 650	0.018	-	<50	12.5				
2	G8 675	<0.008	-	<50	38.4				
3	G8 700	<0.008	-	<50	23.8				
4	G8 725	<0.008	-	<50	17.9				
5	G8 750	<0.008	-	<50	17.1				
6	G8 775	<0.008	-	<50	18.6				
7	G8 800	<0.008	-	<50	48.6				
8	G8 825	<0.008	-	<50	11.5				
9	G8 850	<0.008	-	<50	2.0				
10	G8 875	<0.008	-	<50	33.8				
11	G8 900	<0.008	-	<50	14.6				
12	G9 500	<0.008	<0.008	<50	8.2				
13	G9 525	<0.008	-	<50	5.1				
14	G9 550	<0.008	-	121	-				
15	G9 575	<0.008	-	<50	46.1				
16	G9 600	0.021	-	<50	25.4				
17	G9 625	0.062	0.067	<50	41.6				
18	G9 650	0.017	-	<50	31.8				
19	G9 675	0.022	-	<50	37.3				
20	G9 700	<0.008	-	<50	3.1				
21	G9 725	<0.008	-	<50	10.8				
22	G9 750	<0.008	<0.008	<50	19.8				
23	G9 775	<0.008	-	<50	9.3				
24	G9 800	<0.008	-	<50	8.2				
25	G9 825	<0.008	-	<50	<0.5				

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	SAMPLE No.	Au	Au (R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G9 850	<0.008	-	<50	<0.5				
2	G9 875	<0.008	-	<50	1.1				
3	G9 900	<0.008	-	<50	4.0				
4	G10 500	<0.008	-	<50	32.0				
5	G10 525	<0.008	-	<50	<0.5				
6	G10 550	<0.008	-	<50	0.7				
7	G10 575	<0.008	-	<50	<0.5				
8	G10 600	0.025	-	<50	3.3				
9	G10 625	<0.008	<0.008	<50	11.0				
10	G10 650	<0.008	-	<50	2.5				
11	G10 675	<0.008	-	<50	30.5				
12	G10 700	<0.008	<0.008	<50	17.2				
13	G10 725	<0.008	-	<50	2.6				
14	G10 750	<0.008	-	<50	1.6				
15	G10 775	<0.008	-	<50	0.6				
16	G10 800	<0.008	-	<50	1.7				
17	G10 825	<0.008	-	<50	0.9				
18	G10 850	<0.008	-	<50	9.8				
19	G10 875	<0.008	-	<50	2.0				
20	G10 900	0.017	-	<50	2.2				
21	G11 500	<0.008	<0.008	<50	2.9				
22	G11 525	<0.008	<0.008	<50	1.1				
23	G11 550	<0.008	-	<50	2.1				
24	G11 575	<0.008	-	<50	0.9				
25	G11 600	<0.008	-	<50	2.7				

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	SAMPLE No.	Au	Au(R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G11 625	<0.008	-	<50	5.8				
2	G11 650	<0.008	-	<50	5.3				
3	G11 675	<0.008	-	<50	8.1				
4	G11 700	<0.008	-	<50	19.2				
5	G11 725	<0.008	-	<50	0.5				
6	G11 750	<0.008	-	<50	<0.5				
7	G12 500	<0.008	-	<50	0.5				
8	G12 525	<0.008	-	<50	2.0				
9	G12 550	<0.008	-	<50	6.5				
10	G12 575	<0.008	-	<50	0.8				
11	G12 600	<0.008	-	<50	1.0				
12	G12 625	<0.008	<0.008	<50	3.5				
13	G12 650	<0.008	-	<50	4.2				
14	G12 675	<0.008	-	<50	6.3				
15	G12 700	<0.008	-	<50	6.6				
16	G12 725	<0.008	-	<50	5.9				
17	G12 750	<0.008	<0.008	<50	15.9				
18	G12 775	<0.008	-	<50	9.4				
19	G12 800	<0.008	-	<50	12.8				
20	G12 825	<0.008	-	<50	18.2				
21	G12 850	<0.008	-	<50	0.6				
22	G12 875	<0.008	<0.008	<50	1.5				
23	G12 900	<0.008	-	<50	1.2				
24	G13 500	<0.008	-	<50	5.6				
25	G13 525	<0.008	-	<50	9.6				

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	SAMPLE No.	Au	Au(R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G13 550	0.020	-	<50	3.8				
2	G13 575	0.009	-	<50	1.0				
3	G13 600	<0.008	-	<50	0.5				
4	G13 625	<0.008	-	<50	8.9				
5	G13 650	<0.008	-	<50	4.0				
6	G13 675	<0.008	-	<50	6.3				
7	G13 700	<0.008	-	<50	7.1				
8	G13 725	<0.008	-	<50	33.5				
9	G13 750	<0.008	-	<50	17.8				
10	G13 775	<0.008	-	<50	4.1				
11	G13 800	<0.008	-	<50	33.0				
12	G13 825	<0.008	<0.008	<50	29.7				
13	G13 850	<0.008	-	<50	25.9				
14	G13 875	<0.008	-	<50	3.0				
15	G13 900	<0.008	-	<50	2.5				
16	G14 500	<0.008	-	<50	13.7				
17	G14 525	<0.008	-	<50	15.1				
18	G14 550	<0.008	-	<50	9.2				
19	G14 575	<0.008	-	<50	16.7				
20	G14 600	<0.008	-	<50	13.8				
21	G14 625	<0.008	-	<50	21.3				
22	G14 650	<0.008	<0.008	<50	13.9				
23	G14 675	<0.008	-	<50	13.8				
24	G14 700	<0.008	-	<50	1.0				
25	G14 725	<0.008	<0.008	<50	0.6				

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	SAMPLE No.	Au	Au(R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G14 750	<0.008	-	<50	4.8				
2	G14 775	<0.008	-	<50	0.5				
3	G14 800	<0.008	-	<50	13.5				
4	G14 825	<0.008	-	<50	1.6				
5	G14 850	<0.008	-	<50	4.9				
6	G14 875	<0.008	-	<50	1.3				
7	G14 900	<0.008	-	<50	0.9				
8	G15 500	<0.008	-	<50	8.2				
9	G15 525	<0.008	-	<50	2.7				
10	G15 550	<0.008	-	<50	<0.5				
11	G15 575	<0.008	-	<50	10.4				
12	G15 600	<0.008	<0.008	<50	2.1				
13	G15 625	<0.008	-	<50	13.1				
14	G15 650	<0.008	-	<50	6.6				
15	G15 675	<0.008	-	<50	8.0				
16	G15 700	<0.008	-	<50	15.0				
17	G15 725	<0.008	-	<50	21.6				
18	G15 750	<0.008	-	<50	3.4				
19	G15 775	<0.008	<0.008	<50	4.9				
20	G15 800	<0.008	-	<50	1.0				
21	G15 825	<0.008	-	<50	12.0				
22	G15 850	<0.008	<0.008	<50	5.1				
23	G15 875	<0.008	-	<50	1.9				
24	G15 900	<0.008	-	<50	1.2				
25	G16 500	<0.008	-	<50	6.2				

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	SAMPLE No.	Au	Au (R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G16 525	<0.008	-	<50	7.5				
2	G16 550	<0.008	-	<50	12.9				
3	G16 575	<0.008	-	<50	9.0				
4	G16 600	<0.008	-	<50	10.2				
5	G16 625	<0.008	-	<50	10.1				
6	G16 650	<0.008	-	<50	11.4				
7	G16 675	<0.008	-	<50	22.6				
8	G16 700	<0.008	-	<50	6.8				
9	G16 725	<0.008	-	<50	19.4				
10	G16 750	<0.008	-	<50	14.5				
11	G16 775	<0.008	-	<50	1.4				
12	G16 800	<0.008	<0.008	<50	1.6				
13	G16 825	<0.008	-	<50	1.1				
14	G16 850	<0.008	-	<50	0.9				
15	G16 875	<0.008	-	<50	1.1				
16	G16 900	<0.008	-	<50	6.8				
17	G17 500	<0.008	-	<50	4.9				
18	G17 525	<0.008	-	<50	11.3				
19	G17 550	<0.008	-	<50	17.2				
20	G17 575	<0.008	-	<50	15.9				
21	G17 600	<0.008	-	<50	12.1				
22	G17 625	<0.008	<0.008	<50	3.9				
23	G17 650	<0.008	-	<50	25.5				
24	G17 675	<0.008	-	<50	16.4				
25	G17 700	<0.008	-	<50	26.8				

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	SAMPLE No.	Au	Au(R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G17 725	<0.008	-	<50	17.0				
2	G17 750	<0.008	-	<50	5.6				
3	G17 775	<0.008	-	<50	15.9				
4	G17 800	<0.008	-	<50	4.9				
5	G17 825	<0.008	<0.008	<50	2.1				
6	G17 850	<0.008	-	<50	1.5				
7	G17 875	<0.008	-	<50	1.7				
8	G17 900	<0.008	-	<50	1.2				
9	G18 500	<0.008	-	<50	14.1				
10	G18 525	<0.008	-	<50	15.9				
11	G18 550	<0.008	<0.008	<50	5.8				
12	G18 575	<0.008	<0.008	<50	9.7				
13	G18 600	<0.008	-	<50	13.5				
14	G18 625	<0.008	-	<50	22.8				
15	G18 650	<0.008	-	<50	23.0				
16	G18 675	<0.008	-	<50	17.9				
17	G18 700	<0.008	-	<50	8.8				
18	G18 725	<0.008	-	<50	4.3				
19	G18 750	<0.008	-	<50	1.3				
20	G18 775	<0.008	-	<50	13.0				
21	G18 800	<0.008	-	<50	1.3				
22	G18 825	<0.008	<0.008	<50	4.8				
23	G18 850	<0.008	-	<50	6.6				
24	G18 875	<0.008	-	<50	2.1				
25	G18 900	<0.008	-	<50	1.8				

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	SAMPLE No.	Au	Au(R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G19 500	<0.008	-	<50	28.0				
2	G19 525	<0.008	-	<50	11.4				
3	G19 550	<0.008	-	<50	20.5				
4	G19 575	<0.008	-	<50	10.4				
5	G19 600	<0.008	-	<50	15.1				
6	G19 625	<0.008	-	<50	5.7				
7	G19 650	<0.008	-	<50	6.9				
8	G19 675	<0.008	-	<50	35.8				
9	G19 700	<0.008	-	<50	34.0				
10	G19 725	<0.008	<0.008	<50	18.6				
11	G19 750	<0.008	-	<50	5.6				
12	G19 775	<0.008	<0.008	<50	2.1				
13	G19 800	<0.008	-	<50	2.4				
14	G19 825	<0.008	-	<50	1.8				
15	G19 850	<0.008	-	<50	9.4				
16	G19 875	<0.008	-	<50	1.6				
17	G19 900	<0.008	-	<50	1.5				
18	G20 500	<0.008	-	<50	25.0				
19	G20 525	<0.008	-	<50	34.3				
20	G20 550	<0.008	-	<50	2.5				
21	G20 575	<0.008	-	<50	49.0				
22	G20 600	<0.008	<0.008	<50	35.6				
23	G20 625	<0.008	-	<50	22.6				
24	G20 650	<0.008	-	<50	36.5				
25	G20 675	<0.008	-	67	-				

Results in ppm unless otherwise specified
 = element not determined

IS = insufficient sample
 SNR = sample not received

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 OFFICER

PP M.A. God

A N A L A B S



ANALYTICAL DATA

SAMPLE PREFIX

REPORT No.

REPORT DATE

CLIENT ORDER No.

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ANG201.60.12598

23/01/97

RUSSELL FULTO

14 OF 20

	SAMPLE No.	Au	Au (R)	As	As					
METHOD		GG309	GG309	GA140	HA140					
1	G20 700	<0.008	-	<50	41.9					
2	G20 725	<0.008	-	64	-					
3	G20 750	<0.008	-	<50	23.0					
4	G20 775	<0.008	-	<50	6.2					
5	G20 800	<0.008	-	<50	1.4					
6	G20 825	<0.008	-	<50	9.2					
7	G20 850	<0.008	-	<50	8.9					
8	G20 875	<0.008	-	58	-					
9	G20 900	<0.008	-	<50	7.6					
10	G21 500	<0.008	-	<50	31.3					
11	G21 525	<0.008	-	<50	11.3					
12	G21 550	<0.008	<0.008	<50	6.0					
13	G21 575	<0.008	-	62	-					
14	G21 600	<0.008	-	<50	49.1					
15	G21 625	<0.008	<0.008	92	-					
16	G21 650	<0.008	-	311	-					
17	G21 675	<0.008	-	284	-					
18	G21 700	0.012	-	83	-					
19	G21 725	<0.008	-	<50	29.1					
20	G21 750	<0.008	-	<50	24.3					
21	G21 775	<0.008	-	<50	18.3					
22	G21 800	<0.008	<0.008	<50	4.5					
23	G21 825	<0.008	-	<50	36.6					
24	G21 850	<0.008	-	75	-					
25	G21 875	<0.008	-	<50	9.0					

Results in ppm unless otherwise specified
 - = element not determined

IS = insufficient sample
 SNR = sample not received

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 OFFICER

PP *M.A. Good*



ANALYTICAL DATA

SAMPLE PREFIX

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23/01/97

RUSSELL FULTO

15 OF 20

	SAMPLE No.	Au	Au (R)	As	As					
METHOD		GG309	GG309	GA140	HA140					
1	G21 900	<0.008	-	<50	6.1					
2	G22 500	<0.008	-	<50	17.4					
3	G22 525	<0.008	-	61	-					
4	G22 550	<0.008	-	<50	9.9					
5	G22 575	<0.008	-	<50	3.3					
6	G22 600	<0.008	-	<50	4.3					
7	G22 625	<0.008	-	67	-					
8	G22 650	<0.008	-	<50	9.3					
9	G22 675	<0.008	-	60	-					
10	G22 700	<0.008	<0.008	70	-					
11	G22 725	<0.008	-	138	-					
12	G22 750	<0.008	<0.008	<50	30.3					
13	G22 775	<0.008	-	68	-					
14	G22 800	<0.008	-	<50	12.0					
15	G22 825	<0.008	-	<50	5.7					
16	G22 850	<0.008	-	<50	4.4					
17	G22 875	<0.008	-	<50	1.3					
18	G22 900	<0.008	-	<50	1.1					
19	G23 500	<0.008	-	<50	3.3					
20	G23 525	<0.008	-	<50	2.1					
21	G23 550	<0.008	<0.008	<50	1.1					
22	G23 575	<0.008	<0.008	<50	31.2					
23	G23 600	<0.008	-	<50	7.5					
24	G23 625	<0.008	-	<50	4.8					
25	G23 650	<0.008	-	<50	3.2					

Results in ppm unless otherwise specified
 -- = element not determined

IS = insufficient sample
 SNR = sample not received

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ANALYTICAL DATA

SAMPLE PREFIX

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ANG201.60.1259B

23/01/97

RUSSELL FULTO

16 OF 20

	SAMPLE No.	Au	Au (R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G23 675	<0.008	-	<50	45.7				
2	G23 700	<0.008	-	<50	3.7				
3	G23 725	<0.008	-	<50	1.7				
4	G23 750	<0.008	-	<50	2.1				
5	G23 775	<0.008	-	<50	3.0				
6	G24 500	<0.008	-	<50	2.5				
7	G24 525	<0.008	-	<50	1.3				
8	G24 550	<0.008	-	<50	1.2				
9	G24 575	<0.008	-	<50	<0.5				
10	G24 600	<0.008	-	<50	1.6				
11	G24 625	<0.008	-	<50	7.6				
12	G24 650	<0.008	<0.008	<50	2.6				
13	G24 675	<0.008	-	<50	1.9				
14	G24 700	<0.008	-	<50	2.9				
15	G24 725	<0.008	-	<50	1.3				
16	G24 750	<0.008	-	<50	3.2				
17	G25 600	<0.008	-	<50	1.2				
18	G25 625	<0.008	<0.008	<50	2.6				
19	G25 650	<0.008	-	<50	34.9				
20	G25 675	0.063	-	218	-				
21	G25 700	0.072	-	<50	26.5				
22	G25 725	<0.008	<0.008	<50	1.2				
23	G25 750	<0.008	-	<50	4.0				
24	G25 775	<0.008	-	<50	2.6				
25	G26 600	<0.008	-	<50	1.6				

Results in ppm unless otherwise specified
 - = element not determined

IS = insufficient sample
 SNR = sample not received

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ANALYTICAL DATA

SAMPLE PREFIX

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RUSSELL FULTO

17 OF 20

	SAMPLE No.	Au	Au (R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	G26 625	<0.008	-	<50	3.3				
2	G26 650	<0.008	-	<50	2.6				
3	G26 675	<0.008	-	<50	10.9				
4	G26 700	<0.008	-	<50	3.1				
5	G26 725	<0.008	-	<50	<0.5				
6	G26 750	<0.008	-	<50	<0.5				
7	G26 775	<0.008	-	<50	<0.5				
8	G27 600	<0.008	-	<50	<0.5				
9	G27 625	<0.008	-	<50	<0.5				
10	G27 650	<0.008	-	<50	<0.5				
11	G27 675	<0.008	-	<50	1.4				
12	G27 700	<0.008	<0.008	<50	2.9				
13	G27 725	<0.008	-	<50	<0.5				
14	G27 750	<0.008	-	<50	<0.5				
15	G27 775	<0.008	-	<50	<0.5				
16	G28 500	<0.008	-	<50	<0.5				
17	G28 525	<0.008	-	<50	<0.5				
18	G28 550	<0.008	-	<50	<0.5				
19	G28 575	<0.008	<0.008	<50	15.5				
20	G28 600	<0.008	-	<50	1.3				
21	G28 625	<0.008	-	<50	<0.5				
22	G28 650	<0.008	<0.008	<50	<0.5				
23	G28 675	<0.008	-	<50	<0.5				
24	G28 700	<0.008	-	<50	<0.5				
25	G28 725	<0.008	-	<50	<0.5				

Results in ppm unless otherwise specified
 -- = element not determined

IS = insufficient sample
 SNR = sample not received

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ppm.u. 2000

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ANALYTICAL DATA

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RUSSELL FULTO

18 OF 20

	SAMPLE No.	Au	Au (R)	As	As					
METHOD		GG309	GG309	GA140	HA140					
1	G28 750	<0.008	-	<50	<0.5					
2	G28 775	<0.008	-	<50	<0.5					
3	G28 800	<0.008	-	<50	2.3					
4	G28 825	<0.008	-	<50	<0.5					
5	G28 850	<0.008	-	<50	<0.5					
6	G28 875	<0.008	-	<50	<0.5					
7	G28 900	<0.008	-	<50	<0.5					
8	G29 500	<0.008	-	<50	<0.5					
9	G29 525	<0.008	-	<50	<0.5					
10	G29 550	<0.008	-	<50	<0.5					
11	G29 575	<0.008	-	<50	<0.5					
12	G29 600	<0.008	<0.008	<50	<0.5					
13	G29 625	<0.008	-	<50	<0.5					
14	G29 650	<0.008	-	<50	<0.5					
15	G29 675	<0.008	-	<50	<0.5					
16	G29 700	<0.008	-	<50	<0.5					
17	G29 725	<0.008	-	<50	<0.5					
18	G29 750	<0.008	-	<50	<0.5					
19	G29 775	<0.008	-	<50	<0.5					
20	G30 500	<0.008	-	<50	3.3					
21	G30 525	<0.008	-	<50	9.1					
22	G30 550	<0.008	<0.008	<50	<0.5					
23	G30 575	<0.008	-	<50	4.6					
24	G30 600	<0.008	-	<50	<0.5					
25	G30 625	<0.008	-	<50	<0.5					

Results in ppm unless otherwise specified
-- = element not determinedIS = insufficient sample
SNR = sample not receivedAUTHORISED
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ANALYTICAL DATA

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RUSSELL FULTO

19 OF 20

METHOD	SAMPLE No.	Au	Au (R)	As	As					
		GG309	GG309	GA140	HA140					
1	G30 650	<0.008	-	<50	<0.5					
2	G30 675	0.030	-	<50	<0.5					
3	G30 700	<0.008	-	<50	12.2					
4	G30 725	<0.008	-	<50	<0.5					
5	G30 750	<0.008	-	<50	3.9					
6	G30 775	<0.008	-	<50	7.1					
7	G30 800	<0.008	-	<50	<0.5					
8	G30 825	<0.008	-	<50	1.3					
9	G30 850	<0.008	-	<50	4.9					
10	G30 875	<0.008	-	<50	7.9					
11	G30 900	<0.008	-	<50	6.3					
12	G31 500	<0.008	<0.008	<50	8.9					
13	G31 525	<0.008	-	63	-					
14	G31 550	<0.008	-	<50	9.9					
15	G31 575	0.012	-	<50	<0.5					
16	G31 600	<0.008	<0.008	<50	1.9					
17	G31 625	<0.008	-	<50	41.2					
18	G31 650	<0.008	-	<50	<0.5					
19	G31 675	<0.008	-	56	-					
20	G31 700	<0.008	-	<50	7.3					
21	G31 725	<0.008	-	<50	12.2					
22	G31 750	<0.008	<0.008	<50	47.1					
23	G31 775	<0.008	-	<50	6.4					
24	G31 800	<0.008	-	<50	<0.5					
25	G31 825	<0.008	-	<50	<0.5					

Results in ppm unless otherwise specified
- element not determinedIS = insufficient sample
SNR = sample not receivedAUTHORISED
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RUSSELL FULTO

20 OF 20

METHOD	SAMPLE No.	Au	Au (R)	As	As				
		GG309	GG309	GA140	HA140				
1	G31 850	<0.008	-	<50	<0.5				
2	G31 875	<0.008	-	<50	6.8				
3	G31 900	<0.008	-	<50	<0.5				
4	G32 500	<0.008	-	<50	<0.5				
5	G32 525	<0.008	-	<50	11.3				
6	G32 550	<0.008	-	<50	9.5				
7	G32 575	<0.008	-	<50	<0.5				
8	G32 600	<0.008	-	<50	<0.5				
9	G32 625	<0.008	-	<50	<0.5				
10	G32 650	<0.008	-	<50	<0.5				
11	G32 675	<0.008	<0.008	<50	<0.5				
12	G32 700	<0.008	<0.008	<50	<0.5				
13	G32 725	<0.008	-	<50	<0.5				
14	G32 750	<0.008	-	<50	1.8				
15	G32 775	<0.008	-	<50	4.9				
16	G32 800	<0.008	-	<50	6.8				
17	G32 825	<0.008	-	<50	<0.5				
18	G32 850	<0.008	-	<50	<0.5				
19	G32 875	<0.008	-	<50	<0.5				
20	G32 900	<0.008	-	<50	2.4				
21									
22									
23									
24	DETECTION	0.008	0.008	50	0.5				
25	UNITS	ppm	ppm	ppm	ppm				

Results in ppm unless otherwise specified
 - element not determined

IS = insufficient sample
 SNR = sample not received

AUTHORISED OFFICER *PP M. A. Good*

APPENDIX B.

LABORATORY ASSAY DATA SHEETS

BLUEBELL CHANNEL SAMPLE ASSAYS



Analabs Pty. Ltd.

A.C.N. 004 591 664

Gladstone - Bluebell Channel samples

Phone (004) 318837

14 Thirkell St. COOEE TAS 7320

Fax (004) 318890

ANALYTICAL REPORT No.

ANG201.60.12918

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:

Anglo Australian Resources NL
Level 1/44 Ord Street
WEST PERTH WA 6005

ORDER No.

PROJECT

2151

DATE RECEIVED

RESULTS REQUIRED

13/03/97

ASAP

No. OF PAGES OF RESULTS

DATE REPORTED

No. OF COPIES

TOTAL No. OF SAMPLES

1

01/05/97

1

8

SAMPLE NUMBERS

SAMPLE DESCRIPTION

ELEMENT/METHOD

880 1/8

RC Prep : 8P033

As/GA140,As/HA140

880 1/9

RC Prep :

Au,Au(R),Au(S)/88309

REMARKS

RESULTS TO

Russell Fulton
Anglo Australian Resources NL
PO Box 429
SANDY BAY TAS 7005

RESULTS TO

RESULTS TO

AUTHORISED OFFICER



ANALYTICAL DATA

SAMPLE PREFIX

REPORT No.

REPORT DATE

CLIENT ORDER No.

PAGE

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01/05/97

2151

1 OF 1

	SAMPLE No	Au	Au (R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	BBD 1	0.01	0.04	105	-				
2	BBD 2	<0.01	-	189	-				
3	BBD 3	0.01	-	-	41.7				
4	BBD 4	<0.01	-	68	-				
5	BBD 5	<0.01	<0.01	396	-				
6	BBD 6	<0.01	-	384	-				
7	BBD 7	0.03	-	368	-				
8	BBD 8	<0.01	-	527	-				
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24	DETECTION	0.01	0.01	50	0.5				
25	UNITS	ppm	ppm	ppm	ppm				

Results in ppm unless otherwise specified.
 - = element not determined

IS = insufficient sample
 SNR = sample not received

AUTHORISED OFFICER

APPENDIX C.

LABORATORY ASSAY DATA SHEETS

TRENCHING ASSAYS



Analabs

Analabs Pty. Ltd.

A.C.N. 004 591 664

Gladstone - trench channel sampler

Phone (004) 316837

14 Thirkell St, COOEE TAS 7320

Fax (004) 318890

ANALYTICAL REPORT No.

ANG201.60.12968

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:

Anglo Australian Resources NL
Level 1/44 Ord Street
WEST PERTH WA 6005

ORDER No

PROJECT

2154

DATE RECEIVED

RESULTS REQUIRED

27/03/97

ASAP

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OF RESULTS

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OF SAMPLES

3

01/05/97

1

69

SAMPLE NUMBERS

SAMPLE DESCRIPTION

ELEMENT/METHOD

45019/87

RD Prep : 8P033

Hgt, Au, Au(R)/85309

45019/87

RD Prep : 8P033

As/GA140,As/HA140

RESULTS
TO

Russell Fulion
Anglo Australian Resources NL
PO Box 429
SANDY BAY TAS 7005

RESULTS
TO

Anglo Australian Resources NL
Level 1/44 Ord Street
WEST PERTH WA 6005

RESULTS
TO

REMARKS

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1 OF 3

	SAMPLE No	Au	Au(R)	As	As				
METHOD		GG309	GG309	GA140	HA140				
1	45019	0.03	-	136	-				
2	45020	0.04	-	100	-				
3	45021	<0.01	-	-	17.5				
4	45022	0.02	0.02	-	12.6				PORTLAND
5	45023	<0.01	-	-	35.4				TRENCH ONE
6	45024	<0.01	-	86	-				
7	45025	<0.01	0.03	203	-				
8	45026	0.01	-	119	-				
9	45027	<0.01	-	161	-				
10	45028	<0.01	-	62	-				
11	45029	SNR	-	SNR	-				
12	45030	<0.01	-	111	-				
13	45031	<0.01	-	-	14.5				
14	45032	<0.01	<0.01	123	-				
15	45033	0.01	-	79	-				
16	45034	0.01	-	-	10.3				
17	45035	<0.01	-	-	5.0				PORTLAND
18	45036	<0.01	-	-	7.8				TRENCH
19	45037	<0.01	-	-	7.8				THREE
20	45038	<0.01	-	-	6.7				
21	45039	<0.01	-	-	6.5				
22	45040	0.06	-	-	6.6				
23	45041	0.05	-	-	11.5				
24	45042	0.04	-	-	5.2				
25	45043	0.03	-	-	4.0				

Results in ppm unless otherwise specified
 -- = element not determined

IS = insufficient sample
 SNR = sample not received

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ANALYTICAL DATA

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2 OF 3

METHOD	SAMPLE No.	Au	Au (R)	As	As				
		GG309	GG309	GA140	HA140				
1	45044	0.02	-	-	10.0				
2	45045	0.05	-	-	9.6				
3	45046	<0.01	<0.01	-	6.4				
4	45047	0.04	-	-	12.8				
5	45048	0.03	-	-	4.8				
6	45049	0.06	-	-	8.1				
7	45050	0.02	-	-	7.0				
8	45051	0.03	-	-	21.7				
9	45052	<0.01	-	-	6.1				
10	45053	0.01	0.02	-	13.1				
11	45054	<0.01	-	-	10.7				
12	45055	<0.01	-	-	7.0				
13	45056	0.02	-	-	6.3				
14	45057	0.02	0.01	156	-				
15	45058	0.01	-	64	-				
16	45059	0.01	-	76	-				
17	45060	<0.01	-	56	-				
18	45061	0.02	-	57	-				
19	45062	0.08	-	119	-				
20	45063	<0.01	-	202	-				
21	45064	<0.01	-	89	-				
22	45065	SNR	-	SNR	-				
23	45066	0.02	-	118	-				
24	45067	<0.01	0.03	143	-				
25	45068	0.09	0.04	225	-				

PORTLAND
TRENCH
FOUR

PORTLAND
TRENCH
TWO

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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Abraham



ANALYTICAL DATA

SAMPLE PREFIX REPORT No REPORT DATE CLIENT ORDER No PAGE

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01/05/97

2154

3 OF 3

METHOD	SAMPLE No	Au	Au (R)	As	As				
		GG309	GG309	GA140	HA140				
1	45069	0.34	0.38	273	-				
2	45070	0.11	-	202	-				
3	45071	0.12	-	178	-				
4	45072	0.13	0.10	155	-				
5	45073	0.16	-	287	-				
6	45074	0.77	0.60	348	-				
7	45075	0.18	-	249	-				
8	45076	0.13	-	212	-				
9	45077	12.80	12.50	-	32.5				
10	45078	0.05	-	93	-				
11	45079	<0.01	-	183	-				GRAND FLANEUR TRENCH ONE
12	45080	<0.01	-	-	49.0				
13	45081	0.03	-	-	22.4				
14	45082	0.05	-	-	26.0				
15	45083	0.03	-	232	-				GRAND FLANEUR TRENCH TWO
16	45084	0.02	0.02	284	-				
17	45085	0.04	-	173	-				
18	45086	0.03	-	92	-				
19	45087	<0.01	-	75	-				
20									
21									
22									
23									
24	DETECTION	0.01	0.01	50	0.5				
25	UNITS	ppm	ppm	ppm	ppm				

Results in ppm unless otherwise specified
-- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER