ANNUAL REPORT

FOR

GOLD EXPLORATION

OVER

EL 1/95 - LEFROY

N.E. TASMANIA

R A Keele
April 1996

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1.0 TENEMENT INFORMATION

Lefroy (Licence No.1/95)

The outline of the EL in relation to the adjoining Pipers River and Bell Bay EL's is shown in Fig. 1. The area of the EL is 30 sq km.

Land tenure comprises: Private Property, State Forest - Multiple Use Forest Land, Lefroy RAP - State Forest and Crown Land. Excluded from the EL are: 0.4 sq km Crown Reserves, 0.1 sq km Commonwealth Land, 31 ha Mining Lease and 0.3 sq km Curries River Dam.

The minimum expenditure requirement is a commitment to spend $143,000 over two years. The tenement was granted on the 17th May 1995.

2.0 REASONS FOR EXPLORATION

Central Kalgoorlie Gold Mines NL through its wholly owned subsidiary Lefroy Gold Mines Pty Ltd came to explore in Tasmania as a direct result of the State Government's NETGOLD initiative of 1993/94. The company perceived a rare opportunity to take up ground in a gold-bearing province that had had no systematic modern exploration applied to it.

After successfully tendering for the adjoining Pipers River and Bell Bay EL's, the company was granted the Lefroy EL when it became available.

Main targets for exploration are:

- extensions to known deposits, either along strike or at depth
- low-grade zones around known deposits that would be suitable for open cut mining
- grass roots discoveries in covered or poorly exposed regions.

The Mathinna Group host high-grade gold deposits that were capable of supporting highly profitable operations during the last century (eg., Lefroy from 1869-1905; Beaconsfield 1874-1914). The Mathinna Group is equivalent in age and type to the Melbourne Zone in Victoria where several large deposits up to 1m oz's (>30t Au) are known to exist (eg. Woods Point and Walhalla).

Recent advances in the understanding of the genesis and controls on mesothermal gold deposits, especially in Australia, has suggested that new techniques and ideas could be profitably applied to this class of deposit in NE Tasmania.

3.0 SUMMARY OF EXPLORATION

This report describes the results of exploration conducted on the EL by Lefroy Gold Mines P/L between July and December 1995. Main activities were:

1. Data review (old reports, mine plans)
2. Establishing surveyed baseline and grid at Lefroy

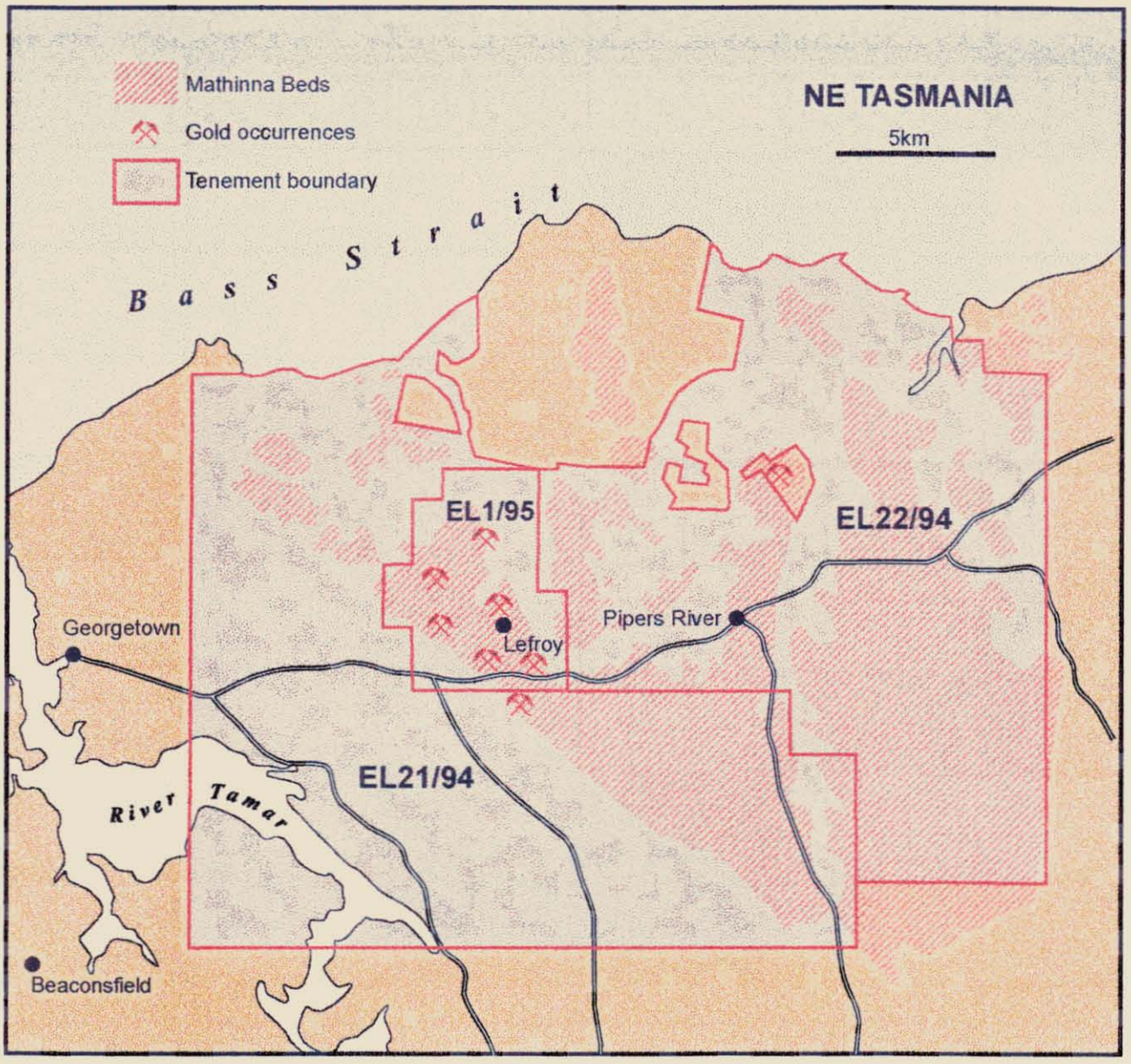


FIG. 1

POSITION OF LEFROY EL IN RELATION TO PIPERS RIVER & BELL BAY EL'S

3. Percussion drilling (at the Pinafore-Chum prospect)
4. Soil sampling
5. Stream sediment sampling (follow-up of earlier regional BLEG survey)
6. Geological mapping & rock chip sampling
7. Landsat interpretation (over the Beechford-Lefroy-Glen region)
8. Aeromagnetic interpretation
9. Sampling & re-logging of old drill hole (drilled by Mines Deparment in 1973)

4.0 PREVIOUS EXPLORATION

The early development of the Lefroy goldfields has been described by Thureau (1882) and Montgomery (1897). Mapping was conducted on the goldfield by Broadhurst (1935) and Groves (1964). The Mines Department drilled twelve diamond drill holes to test a number of deep targets on several of the reefs at Lefroy in 1935 (Blake 1936). Drilling showed that the reef structures persisted at depth, although little gold was found. This core has not been located.

In 1972 the Mines Department conducted a geophysical survey at Specimen Hill. The Mines Department drilled three diamond drillholes to test a resistivity anomaly from this survey (Leaman 1972, 1973). This core is stored in the Mines Department at Hobart.

Modern exploration commenced when Comalco Ltd acquired an EL over Lefroy in 1976 looking for syn-genetic gold in black shales (Askins 1977). Two of the three Mines Department drillholes were sampled for gold, with little success. No work was done on the ground itself.

CRA Exploration conducted a regional stream sediment survey across the Pipers River region in the early 1980's (Broadbent 1982). This only marginally covered the Lefroy goldfield. The existence of deep leads along the 6 km long buried river system between Lefroy and Beechford was also investigated by CRA Exploration (Broadbent 1983).

A regional reconnaissance drainage survey was also conducted across NE Tasmania by Billiton (Australia) during the late 1980's (Randell 1991). The sample density was too low to be of any real benefit to the current exploration programme.

Epoch Minerals Exploration (Murdoch 1983, 1984 a & b) conducted alluvial investigations at Lefroy, outlining four prospective areas for mining. Epoch Minerals outlined several conductivity anomalies at Lefroy during a survey in 1985.

5.0 RECENT EXPLORATION

5.1 Percussion drilling

A 14 hole programme (LGC1-14) was conducted at the Pinafore-Chum prospect at Lefroy (Figs 2 & 3). In late 1995 a total of 1,413 metres were drilled using a track mounted VDR 650 rig, with hole depths ranging from 91 to 120m. The main part of the programme was a N-S fence of holes which was designed to test the presence of eight S-dipping reefs (South Pinafore to Kitto Chum) on line 498,550E. These reefs had been picked up on the Pinafore 1200' level over a distance of 400m. A second aim was to

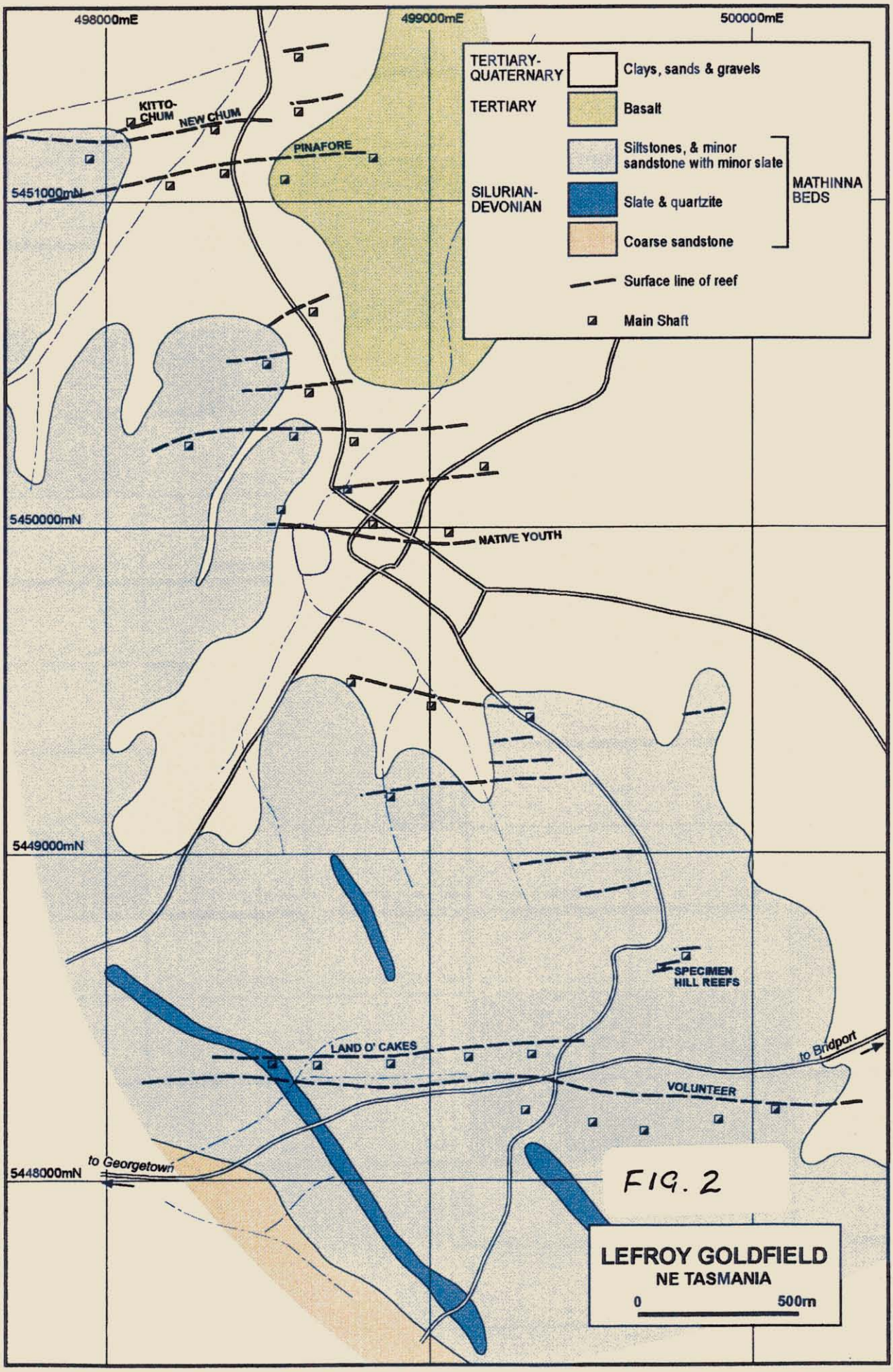
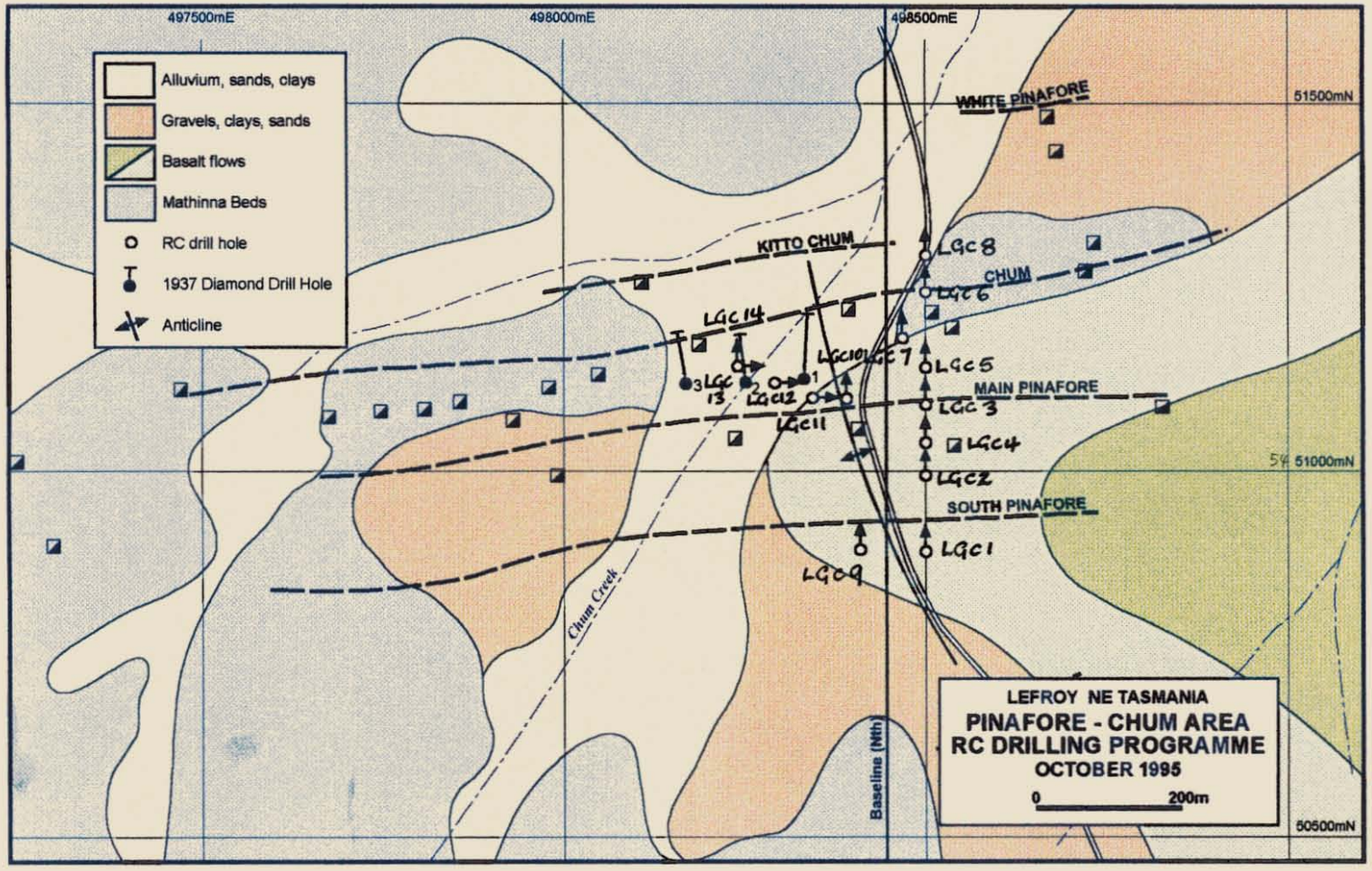

498000mE
499000mE
500000mE
5451000mN
5450000mN
5449000mN
5448000mN
KITTO-CHUM
NEW CHUM
PINAFORE
NATIVE YOUTH
SPECIMEN HILL REEFS
LAND O' CAKES
VOLUNTEER
to Bridport
to Georgetown
TERTIARY-QUATERNARY
Clays, sands & gravels
TERTIARY
Basalt
SILURIAN-DEVONIAN
Siltstones, & minor sandstone with minor slate
Slate & quartzite
Coarse sandstone
MATHINNA BEDS
Surface line of reef
Main Shaft
LEFROY GOLDFIELD
NE TASMANIA
0
500m
5 cm

FIG. 2



5 cm

FIG. 3

333108

test the existence of N-S mineralisation between the E-W reefs, which was achieved by a short line three holes angled to the E.

Results showed that gold mineralisation was encountered in two main zones in the respective hangingwalls of the Pinafore and Chum reefs (Fig. 4). The Pinafore zone was intersected at the top of LGC 4 and the base of LGC 2 and widens at depth. (Note LGC 2 finished in mineralisation). The Chum mineralisation was intersected at the top of LGC 5, but for some reason not at the base of adjacent hole LGC 3. The best intersections are shown in Table 1. More details are given in Table 2.

Table 1. Best intersections at Pinafore Chum

Reef	Intersection	Hole No
Chum	12m @ 0.595g/t	(LGC 5)
Pinafore	6m @ 0.587g/t	(LGC 2)
Pinafore	4m @ 0.913g/t	(LGC 2)
Pinafore	4m @ 1.1g/t	(LGC 4)

This low-grade mineralisation occurs in pyritic siltstone lithologies that are carbonate-altered and contain disseminated quartz veins (Table 2). The highest grade in any 2m composite sample was 1.290 g/t.

Table 2. Details of intersections >0.5 g/t Au

Hole	Depth (m)	Au (g/t)	Lithology	Comment
LGC2	82-84	0.354	Py sst, py sltst, min mdst, minor qtz	
	84-86	0.498	Siltstone, py sst, thin quartz-carb veining	Main Pinafore Lode
	86-88	0.909	Quartz veining, carbonac mdst, py slst, sst	6m @ 0.587g/t Au
LGC2	96-98	1.075	Quartz-carbonate veining, pyritic sst, py slst,	Main Pinafore Lode
				4m @ 0.913g/t Au
	98-100	0.75	Mudstone-siltstone, sandstone, minor quartz veining	
LGC 4	34-36	0.98	Quartz veining, pyritic sandstone, minor carbonaceous mdst	4m @ 1.127g/t Au
	36-38	1.274	Quartz lode, mudstone, siltstone, sandstone	Main Pinafore Lode
LGC 5	0-2	1.17	Clays, quartz gravel	Shallow alluvials
	14-16	0.544	Siltstone, mudstone, quartz veining	Chum H/W
	24-26	0.613	Py siltstone, sst, quartz-carb veining	
	30-32	0.283	Py siltstone	10m @ 0.67g/t Au
	32-34	0.787	Py siltstone, trace quartz veining	Chum H/W Zone - Williams Lode
	34-36	1.29	Py siltstone, minor mdst, carb alteration, min qtz	
	36-38	0.495	Py siltstone, sst, carbonate veining, minor quartz	
	38-40	0.495	Py siltstone, pyritic sst, minor quartz-carb veining	
	50-52	0.286	Siltstone, sandstone	4m @ 0.54g/t Au
	52-54	0.791	Pyritic siltstone, pyritic sandstone	H/W Chum Zone
LGC 6	0-2	0.45	Clays, quartz gravels	Shallow alluvials
LGC 8	0-2	0.448	Clays, quartz gravels	Shallow alluvials
LGC 14	0-2	0.422	Quartz gravels, clays, fresh rock chips	Shallow alluvials
	30-32	0.546	Clays, micaceous siltstone, quartz veining	Main Chum Zone

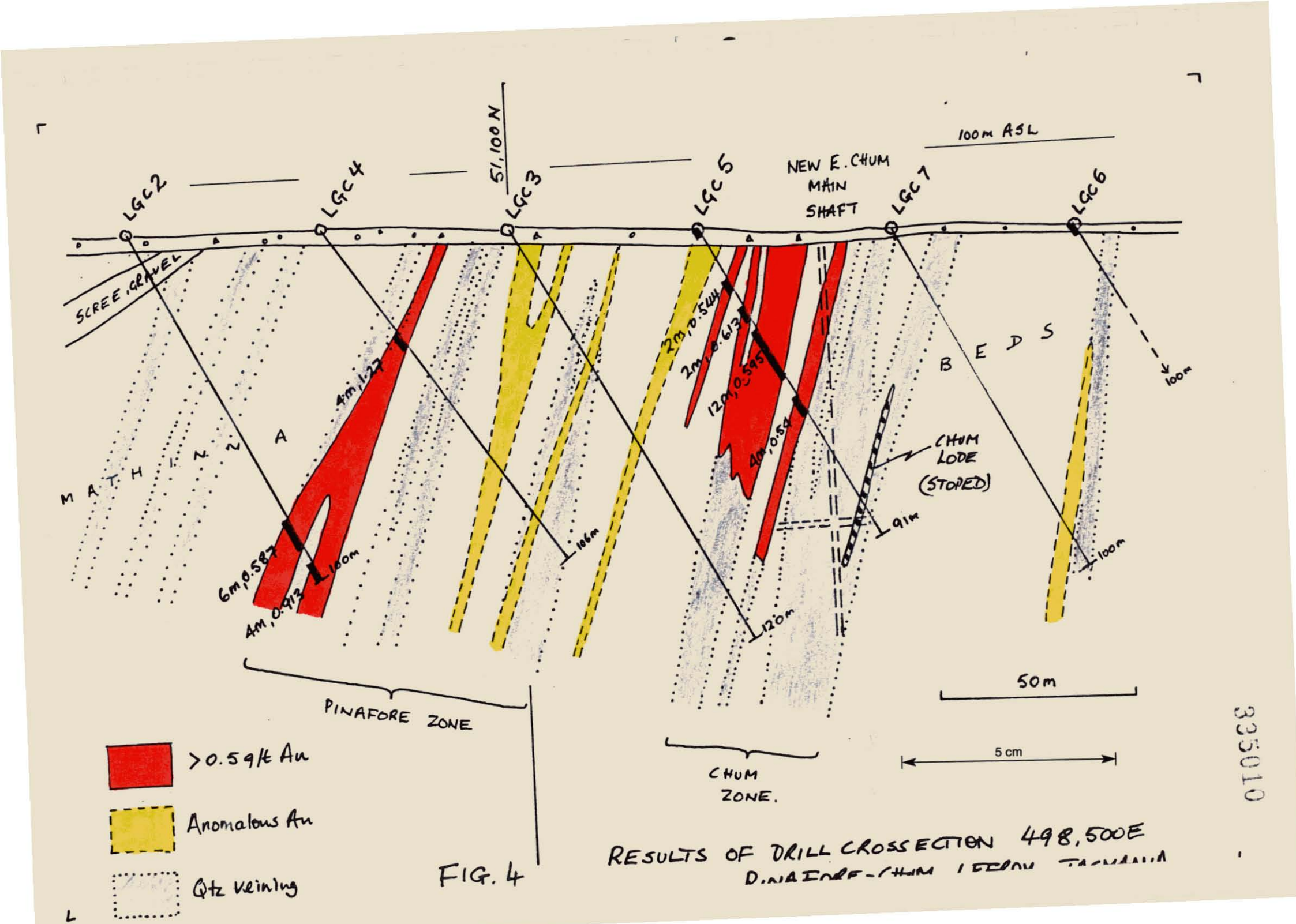


FIG. 4

RESULTS OF DRILL CROSSECTION 498,500E
DIAMOND-CHUM LEDGE TASMANIA

835010

A fault has been interpreted between LGC 3 & 5 in order to explain why mineralisation in the Chum Hangingwall (Williams Lode) fails to extend down-dip to the base of LGC 3 (Fig. 5). It may also be because the dominant lithology at the base of LGC 3 is a fine grained sandstone, rather than a siltstone, which appears to be a less favourable host lithology for this style of mineralisation in this part of the field.

Gram x metre values are calculated at 7.14 and 7.17 respectively for the mineralised zones at Chum and Pinafore which suggests that the styles are identical. A comparison between the 2m 'composite' and 1m 'split' sample were extremely close indicating a degree of confidence in both the sampling technique and the consistency of the lab analyses (over the 12m intersection in LGC 5 the results were within 0.5% of each other!) This confirms the disseminated nature of the mineralisation.

In summary, drilling has confirmed existence of a bulk, low-grade style of mineralisation at the Pinafore-Chum. It is unfortunate that the gold grades were not higher. Further drilling is recommended to see whether this section lies on the edge of a mineralised body lying to the west. Current information would suggest that a body with surface dimensions of 150m by 100m may exist between the Pinafore and Chum reefs.

5.2 Soil sampling

Fifteen hundred soil samples were collected during a seven-month period between. August 1995 and Feb 1996. The samples were from gridded E-W lines turned off from a surveyed N-S baseline (Fig. 6). A number of N-S tie lines were put in, some of which were flagged only.

A mattock was used for sampling the 'B' soil horizon at a depth of 20-30 cm.

Occasionally an auger was used in paddocks and where penetration of a compacted quartz layer at about a depth of 60 cm was considered desirable. Normal 'B' horizon soils were encountered throughout most of the survey. They consist of tan coloured clayey soils with occasional quartz fragments. These types of soils gave best results and were generally obtainable throughout the upland areas especially in the south. Grey sandy 'A' (or leached 'B') horizon soils occur in some areas especially around the Pinafore-Chum and the Volunteer and generally gave poor results. These soils overlie a compacted quartz layer that often exists at a depth of 40-70 cm. This quartz is a lag due to land deflation; its best development is around the northern end of the field in the vicinity of the basalts but it may occur anywhere in the area even on the upper slopes of the hills. Values of <5 ppb Au and <1 ppm As are not unknown in soils above this lag.

Tailings samples were included in the survey in order to see how extensive they were and what grades they carried. The tailings at the Volunteer ranged up to 7 g/t suggesting they have never been re-treated. These tailings are indicated in the 'comments' column of the excel data file: also indicated is where contamination is likely to be a problem.

Samples were analysed for gold & arsenic with detection limits of 5 ppb Au and 1 ppm As, respectively. The samples were dried, pulverised and analysed for gold using fire assay with an AA finish. The following contour intervals were selected: 10, 20 40 and 80 ppb for Au (anything greater than 40 ppb was considered strongly anomalous); and 12.5, 25, 50, and 100 ppm for As (anything over 50 ppm was considered strongly anomalous). It was not possible to obtain meaningful statistical data for gold because too many analyses were below detection limit. However, the arsenic data gave the following results (see also Appendix 1):

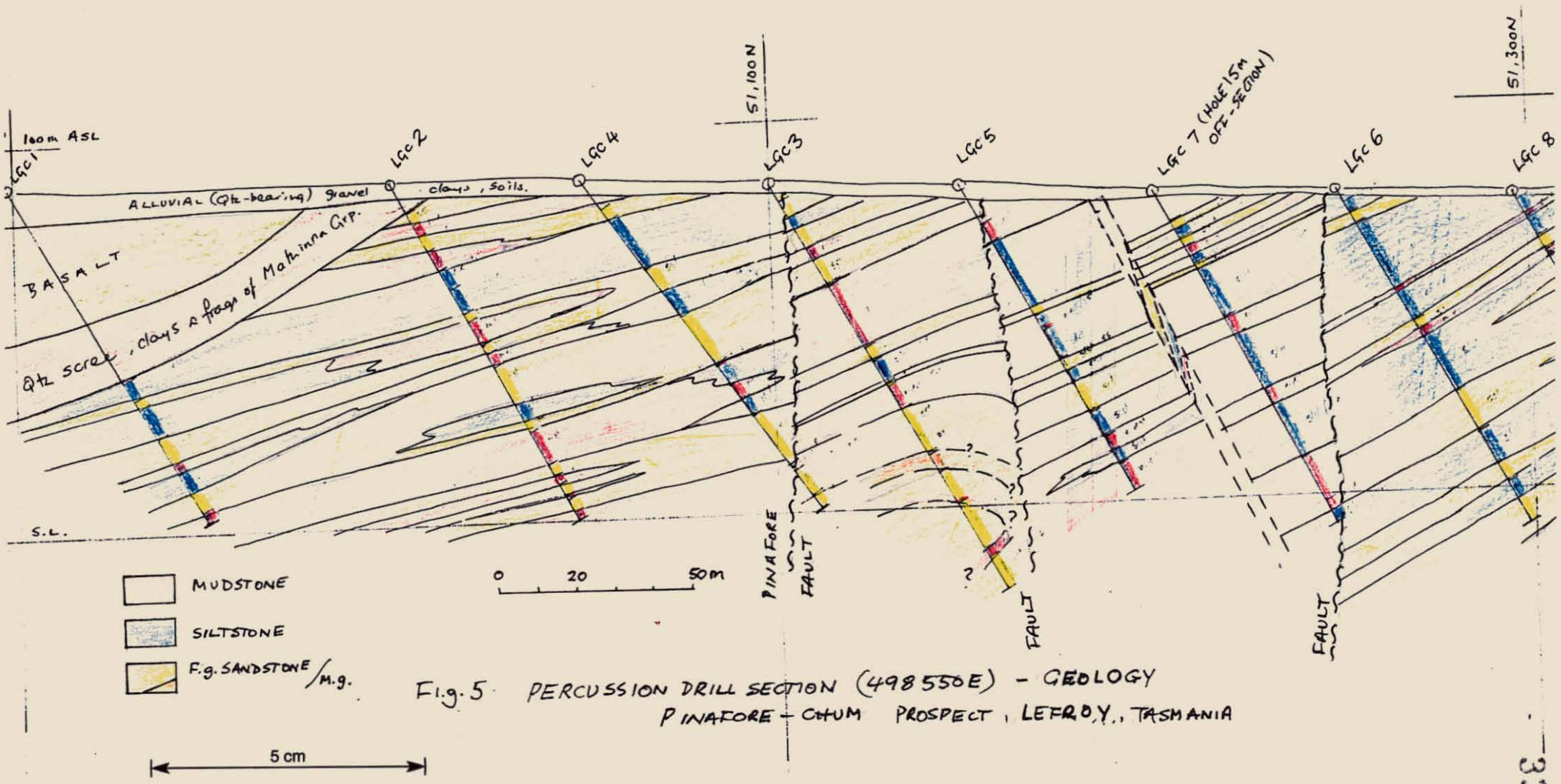


Fig. 5 PERCUSSION DRILL SECTION (498550E) - GEOLOGY
PINAFORE - CHUM PROSPECT, LEFROY, TASMANIA

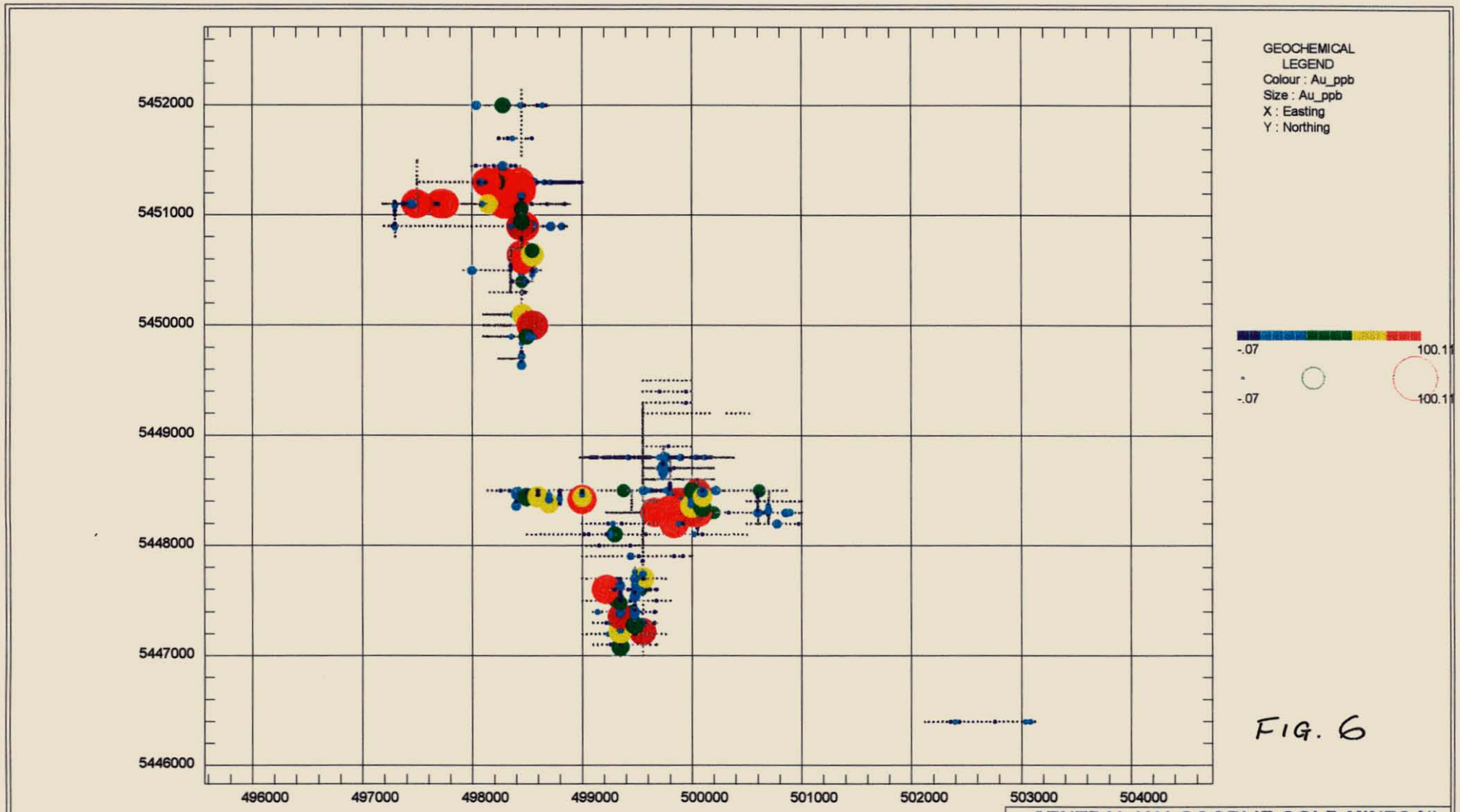


FIG. 6

INTERDEX

0 1000 2000 3000

Scale 1: 50000

5 cm

N

CENTRAL KALGOORLIE GOLD MINES NL

LEFROY TASMANIA
GOLD IN SOIL

GEO:PWA	SCALE 1:50000	lefsoil.csv
DRAWN:PWA	DATE:25-03-1996	

Table 3. Statistical results on Arsenic soil data

	Lefroy (north)	Lefroy (south)
No. of samples	355	210
Mean (arithmetic)	21.67	23.52
Mean (geometric)	6.96	11.5
Std Deviation	60.54	30.52
Minimum value	1	1
Maximum value	516	***

Any differences between these two data sets probably reflects the greater amount of stockwork style mineralisation in the southern area, eg., Volunteer-Land O'Cakes anomaly in sandstones, and the generally higher and more erratic values from narrow gold lodes in the northern area, eg., Kitto Chum, Young Chums.

These data sets were subject to a simple correlation & regression analysis. There appears to be a moderately good correlation between the two elements given their three orders of magnitude difference (see Appendix 1). Such correlations can be seen in the Au-As line plots across selected anomalies with arsenic consistently higher than gold. Note that this relationship may break down at high values. Some of the early lines shows a reverse of this, with the Au greater than As. This may be due to elevated gold values or, more likely, a calibration problem in the lab at the commencement of the programme.

5.2.1 Volunteer-Land O'Cakes Anomaly

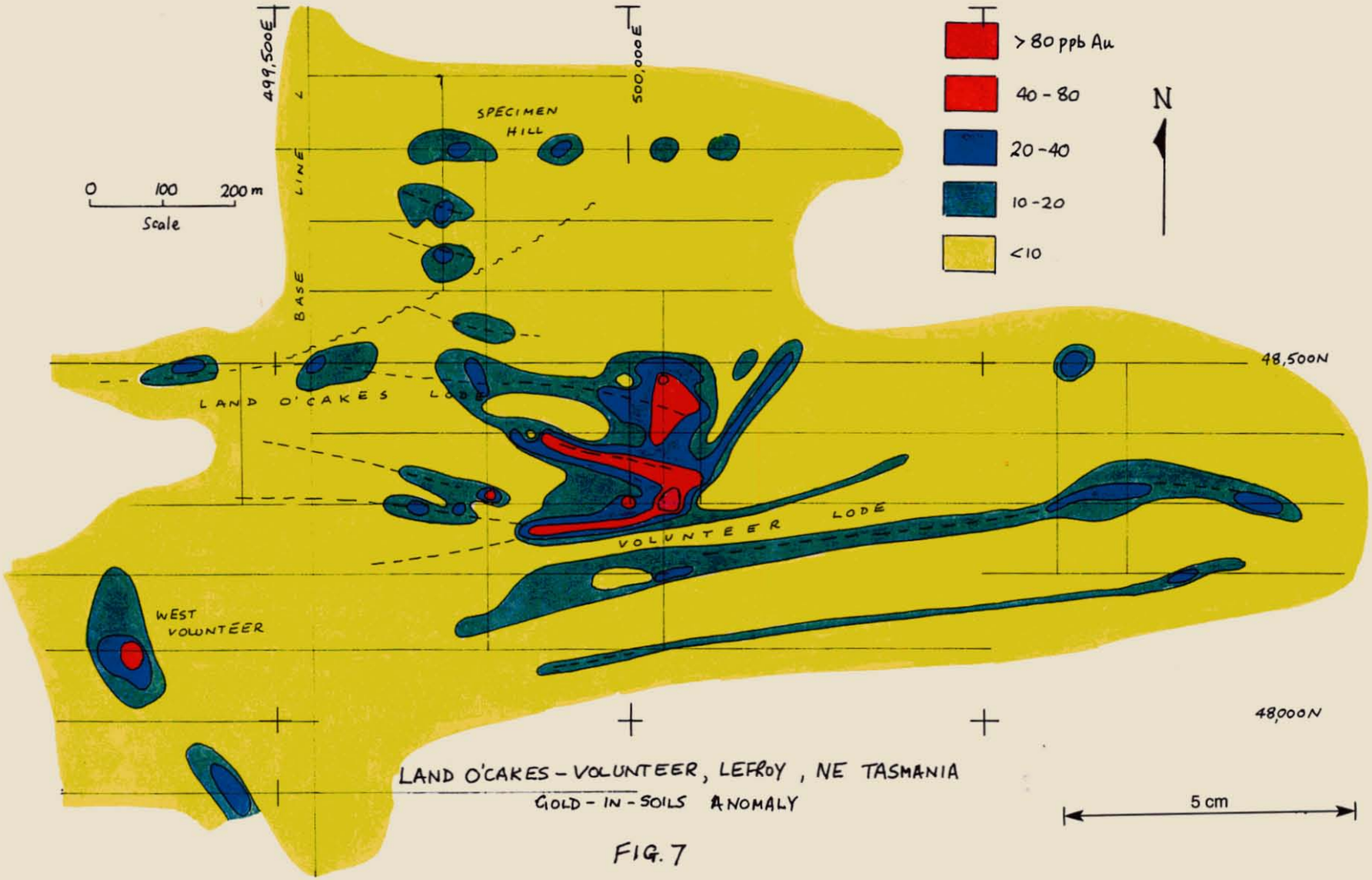
This anomaly straddles the Bridport Hwy and lies at an overstep between the Volunteer and Land O'Cakes shear zones (Fig. 7 & 8). It is a coincident gold and arsenic anomaly and occurs in a fine grained sandstone. The Volunteer Lode has been traced east for 1200 m (from 100 m east of the base line to the Brigadier shaft) but probably continues for at least another kilometre beyond that. The Land O'Cakes lode continues 2 km west from the centre of the anomaly. This structure has a minimum length of 4 km making it a structure of regional significance.

Gold

The anomaly has a distinct 200m long main N-S arm (centred along 500,050E) that converges with the eastern end of the Golden Crest and Volunteer shoots (Fig. 7). This structure has values ranging from 26 to 93 ppb. A WNW trending western arm, corresponding to the trace of the Golden Crest, is 200m long and has values > 80 ppb. A thin NNE-trending structure that parallels the nearby creek forms the eastern cut-off to the anomaly. The abrupt northern cut-off to the anomaly coincides with Specimen Creek implying that the gravity controlled shedding of gold stopped at this creek. The main part of the anomaly is controlled by a fine-grained sandstone unit (hence shedding to the N and E). The creek follows the Land O'Cakes "mullocky" lode/shear suggesting the cut-off has a primary structural control.

Arsenic

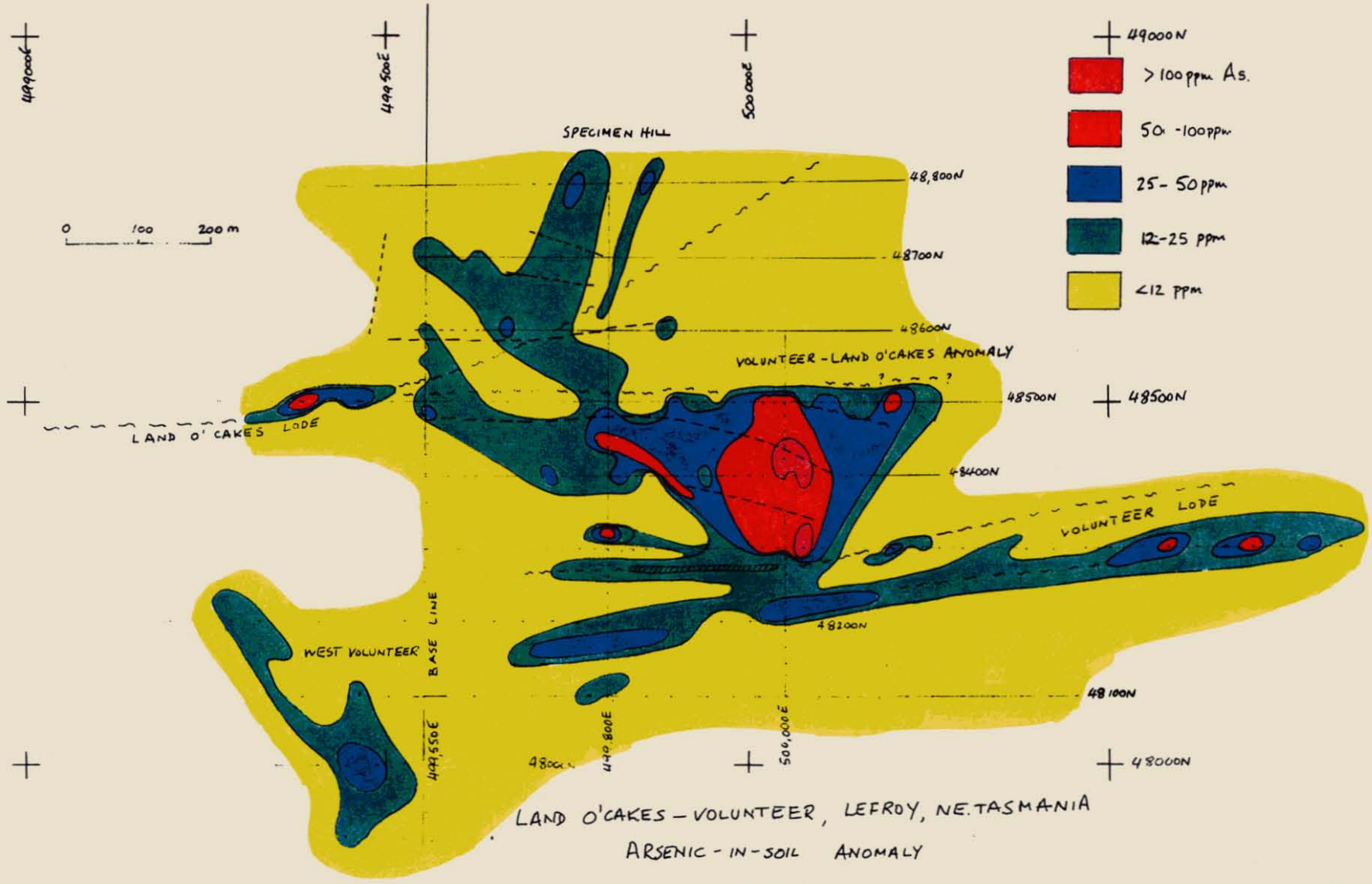
The arsenic anomaly, as defined by the >25 ppm contour, measures 300m by 300m and is more of a "bulls-eye" anomaly than the gold, although the two are generally coincident (Fig. 8). It's central region has values in excess of 100 ppm (highest 147 ppm). Like gold, the anomaly appears to be "pivoted" around a point that coincides



LAND O'CAKES - VOLUNTEER, LEFROY, NE TASMANIA

GOLD - IN - SOILS ANOMALY

FIG. 7



LAND O'CAKES – VOLUNTEER, LEFROY, NE. TASMANIA

ARSENIC - IN - SOIL ANOMALY

FIG. 8

5 cm

with the eastern end of the Volunteer shoot. Unlike gold, however, the lowest contour links through to the Specimen Hill anomaly.

Line 48300N (Fig. 9)

This line shows the 'live' northern and southern edges of the Volunteer Lode. The reason for the wide response is because of the 'glancing blow' that the E-W line gives to the 75m wide zone Volunteer lode formation. The eastern (or southern) edge show that arsenic gives a much better definition to the anomaly compared to gold. Note also the

consistent build up of arsenic from the start of the line; presumably the goldvalues behave in a similar manner.

Line 48400N (Fig 10)

This line is just north of the highway. It shows the main part of the anomaly which has a much wider response for arsenic than gold (as in 48,300N). This part of the anomaly is markedly asymmetric reflecting the steep slope on the eastern side of the hill. The western anomaly picks up the end of the Golden Crest reef. Note that gold > arsenic at the anomaly peak (c/f. the main anomaly).

Line 48500N (Fig. 11)

This shows the northernmost line across the anomaly which follows the course of Specimen Creek for some of its length. At the west end of the line a single anomalous high As & Au value represents the Land O'Cakes lode near the Bannock shaft. The main anomaly, just to the east of 500,000E can be clearly seen, as can the structurally controlled eastern cut-off. The run of low gold values (<5 ppb), just to the east of the main anomaly, is due to the line crossing onto the north side of Specimen Creek.

Line 500050E (Fig. 12A)

This line goes through the central part of the anomaly and shows a good correlation between Au + As and topography in the main anomaly. This is due to the abundance of the quartz veining in a sandstone unit, which as a consequence is more resistant to weathering than the surrounding siltstones.

Line 499800E (Fig. 12B)

This line shows the southern edge to the Volunteer system. The northern edge is not well developed, being represented by a single high value which could be due to contamination or could be real. The arsenic trends suggests that this edge may in fact be real, as does the position of the Cadet reef here.

The following inferences may be drawn concerning the nature and setting of this anomaly:

- The anomaly lies at the overstep between the Land O'Cakes and Volunteer structures, indicating that it is a classic dilational jog within a dextral wrench fault zone.

- The anomaly lies at the change in trend of the vein arrays from NNW to NNE. The NE/NNE trend to the eastern edge of the anomaly is reflected in small-scale quartz vein and shears.

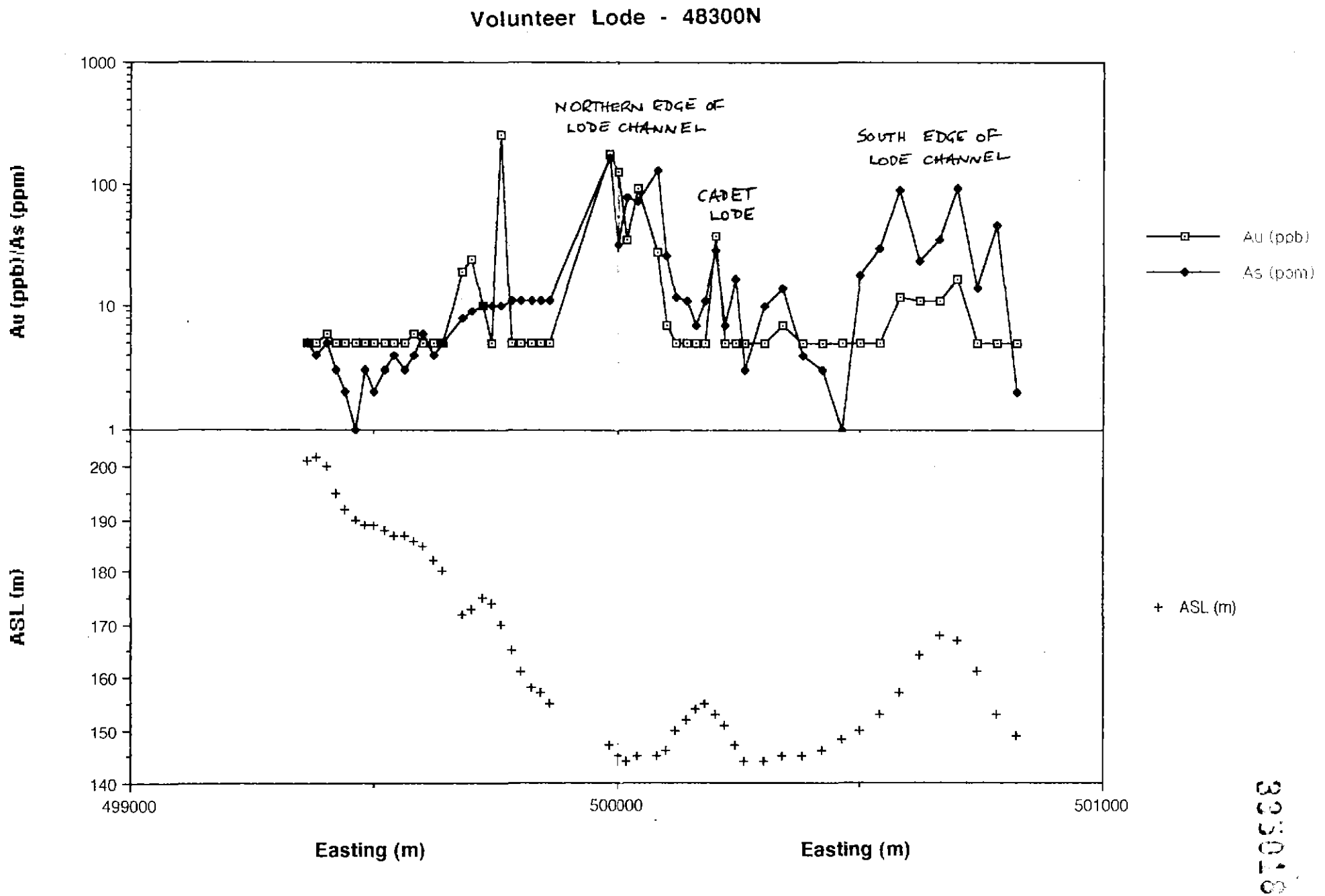

Volunteer Lode - 48300N
Au (ppb)/As (ppm)
1000
100
10
1
NORTHERN EDGE OF LODE CHANNEL
CADET LODE
SOUTH EDGE OF LODE CHANNEL
Au (ppb)
As (ppm)
ASL (m)
200
190
180
170
160
150
140
499000
500000
501000
Easting (m)
Easting (m)
ASL (m)

FIG. 9

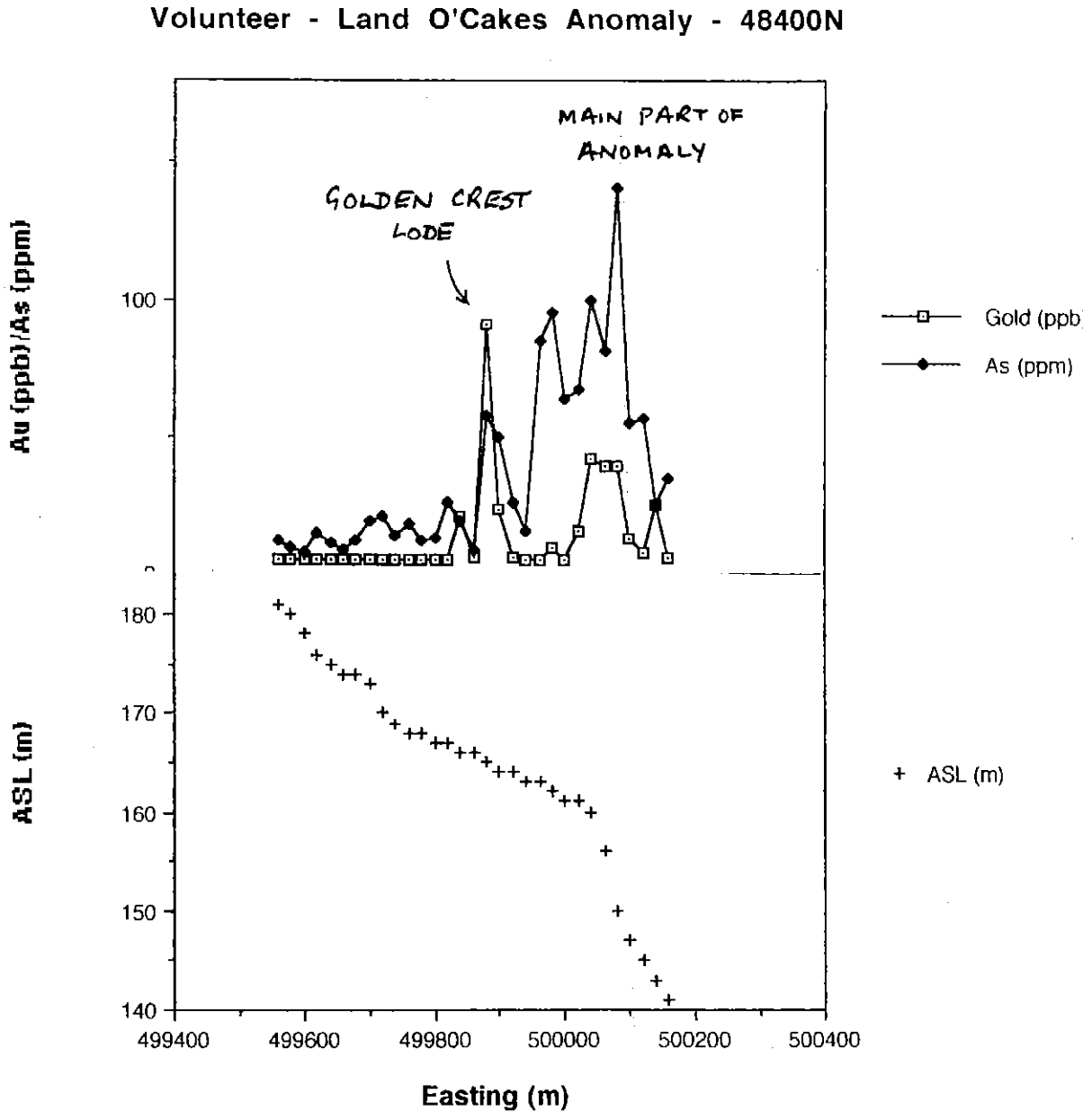

Volunteer - Land O'Cakes Anomaly - 48400N
MAIN PART OF ANOMALY
GOLDEN CREST LODE
Au (ppb)/As (ppm)
ASL (m)
100
0
180
170
160
150
140
499400
499600
499800
500000
500200
500400
Easting (m)
Gold (ppb)
As (ppm)
ASL (m)

Fig. 10

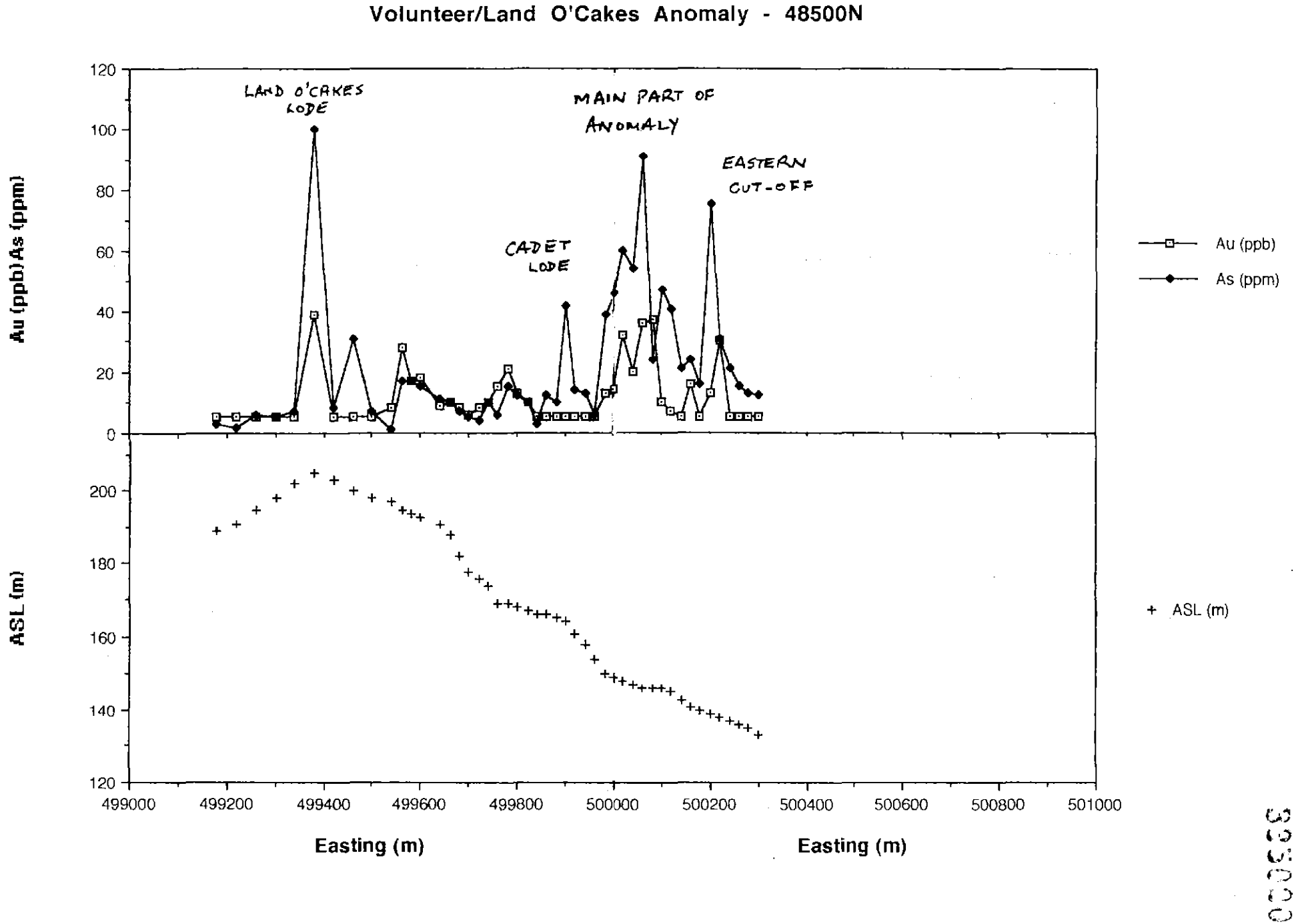
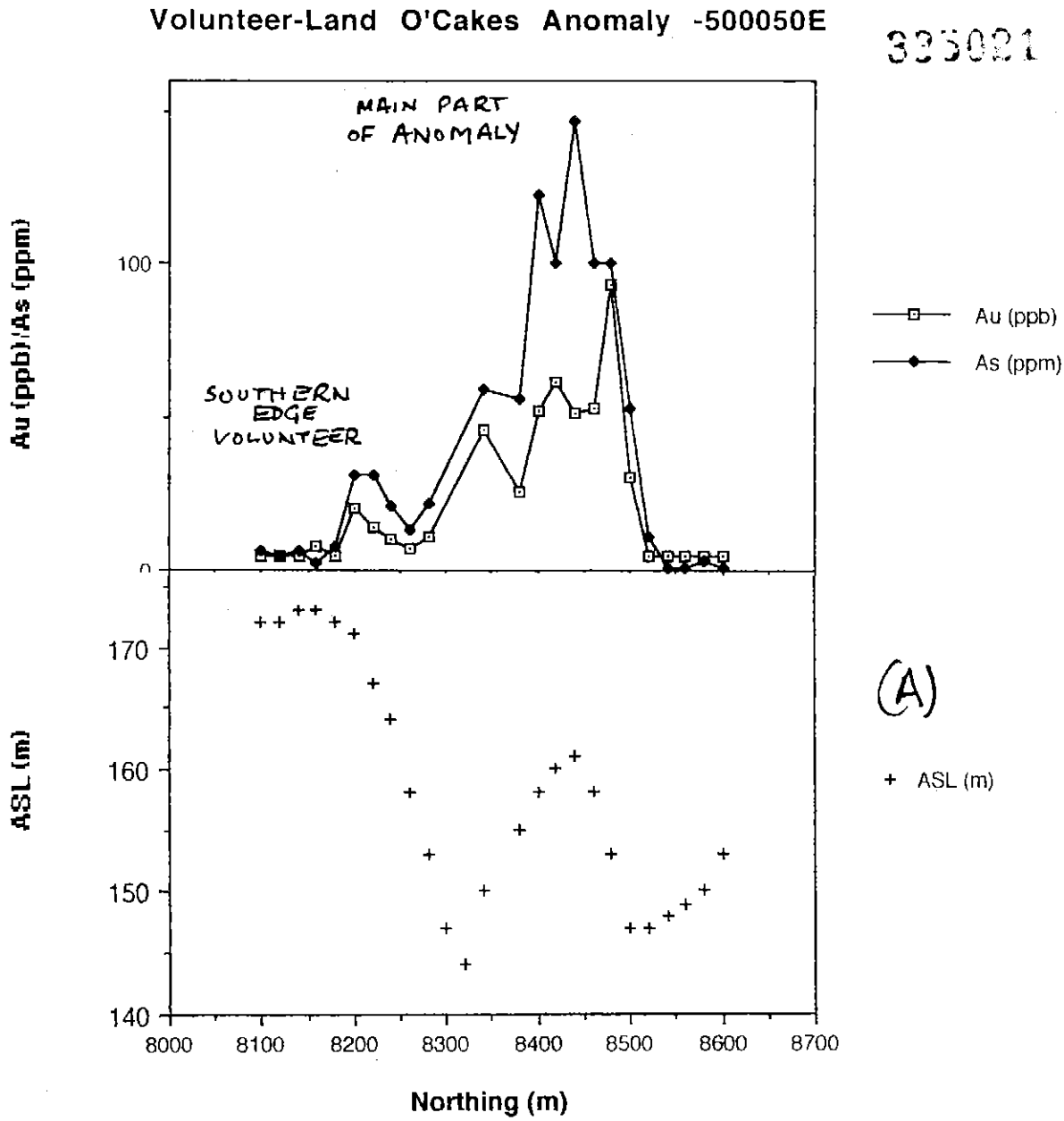

Volunteer/Land O'Cakes Anomaly - 48500N
LAND O'CAKES LODE
MAIN PART OF ANOMALY
EASTERN CUT-OFF
CADET LODE
Au (ppb) As (ppm)
ASL (m)
Au (ppb)
As (ppm)
ASL (m)
120
100
80
60
40
20
0
200
180
160
140
120
499000
499200
499400
499600
499800
500000
500200
500400
500600
500800
501000
Easting (m)
Easting (m)

FIG. 11


Volunteer-Land O'Cakes Anomaly -500050E
MAIN PART OF ANOMALY
SOUTHERN EDGE VOLUNTEER
Au (ppb)/As (ppm)
ASL (m)
Northing (m)
Au (ppb)
As (ppm)
ASL (m)
(A)

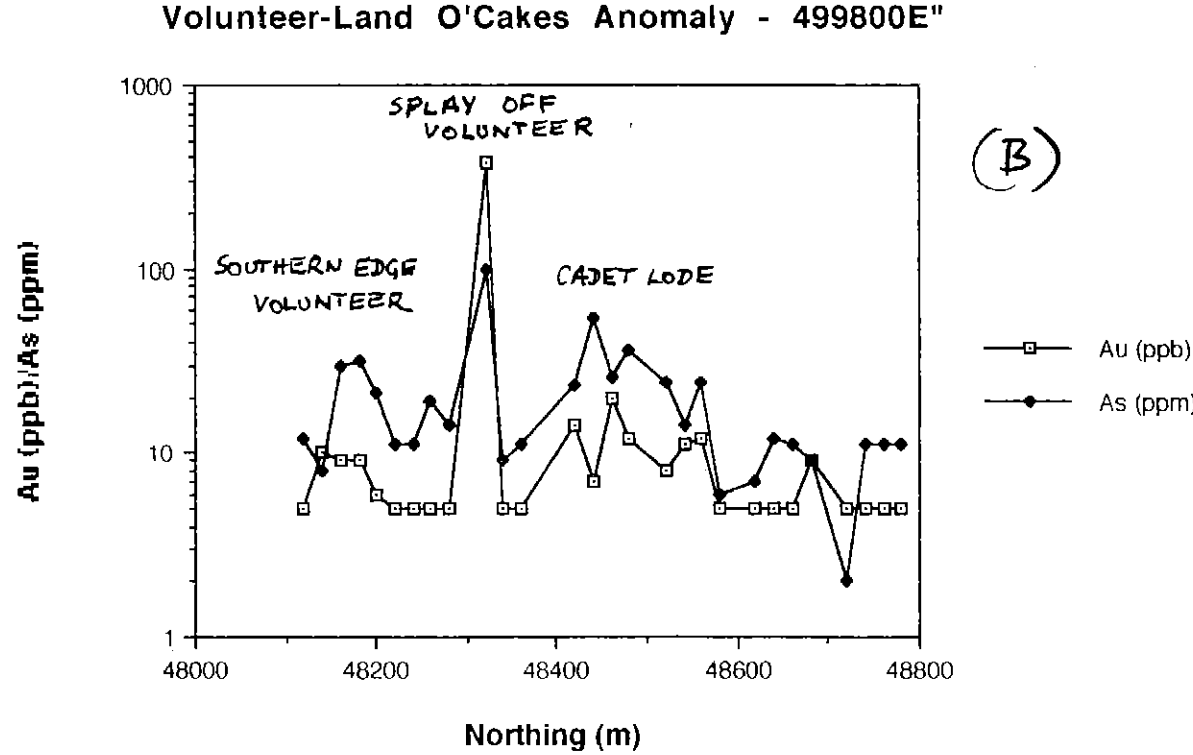

Volunteer-Land O'Cakes Anomaly - 499800E"
SPLAY OFF VOLUNTEER
SOUTHERN EDGE VOLUNTEER
CADET LODE
Au (ppb)/As (ppm)
Northing (m)
Au (ppb)
As (ppm)
(B)

FIG 12

- The arsenic better defines the main conduit to the hydrothermal system through leakage out into the wallrocks.

- The gold-bearing fluids were strongly focussed by structure, eg., shears/faults.

5.2.2 Land O'Cakes Anomaly

A kilometre long gold-in-soil anomaly defines the Land O'Cakes "mullocky" lode formation (Fig. 13). Highest values are in the 50-70 ppb range, with the exception of a single value of 256 ppb on line 499,000E which has been largely discounted due to contamination from the waste dump at the New Land O'Cakes main shaft. The most promising soil response (50m x 150m) comes from the western end of the anomaly around the Caledonian & Clansman shafts, where the lode splays (or "horsetails") as a result of it entering the western quartz-rich sandstone/quartzite unit. This area should be tested by shallow drilling.

5.2.3 Pinafore-Chum.

Golden Era-Clarence.

A 120m x 80m gold-in-soil anomaly, with two very high soils values (highest 2.4 g/t) lying directly over reef sub-crop (Fig. 14). The area is disturbed and is partly under cultivation; as a consequence there is little evidence of any reef at the surface.

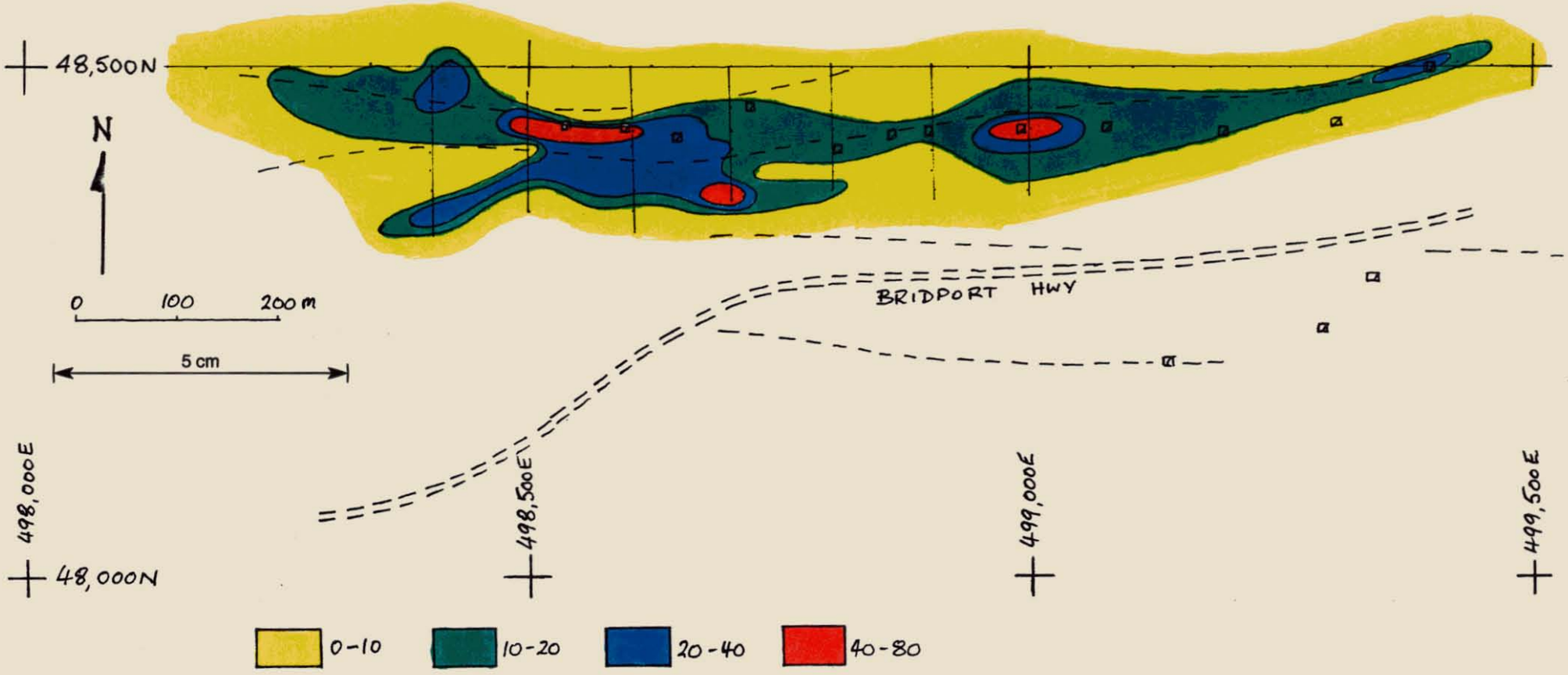
Two anomalous samples (27 & 25 ppb Au) some 0.5 km apart occur on line 50,500N. The western sample (27 ppb) has high arsenic. If the Golden Era reef intersects the North Clarence reef at this point, as it appears to, this would be a favourable target requiring further follow-up work. The overstep between the N and S Clarence reefs (which in the past has been described as a soft "mullocky" lode, or a fault) is only weakly anomalous, ie. > 10 ppb Au.

South Pinafore Reef

The anomalous soils picked up along the base line (at 50,900N & 50,940N) correspond to the presumed surface trace of the little known South Pinafore lode (Figs. 3 & 14). This particular lode can be mapped at surface on its western end, but it soon disappears under thick clays, gravels, alluvium and basalt going east. Most of our knowledge of its position is based on projections of the lode from development drives on 1200' level (Pinafore shaft). The main problem here concerns the basalt: clearly the basalt outline as shown on Fig. 14 would tend to indicate that the high values are due to contamination and can not be trusted. To complicate the matter furthermore, LGC 9 was not a good test of the reef because the presence of basalt down to 42m rendered the attempt to drill the lode at a shallow depth unsuccessful. This reef still remains one of the best possibilities of discovering a new lode at the Pinafore-Chum and further work is warranted.

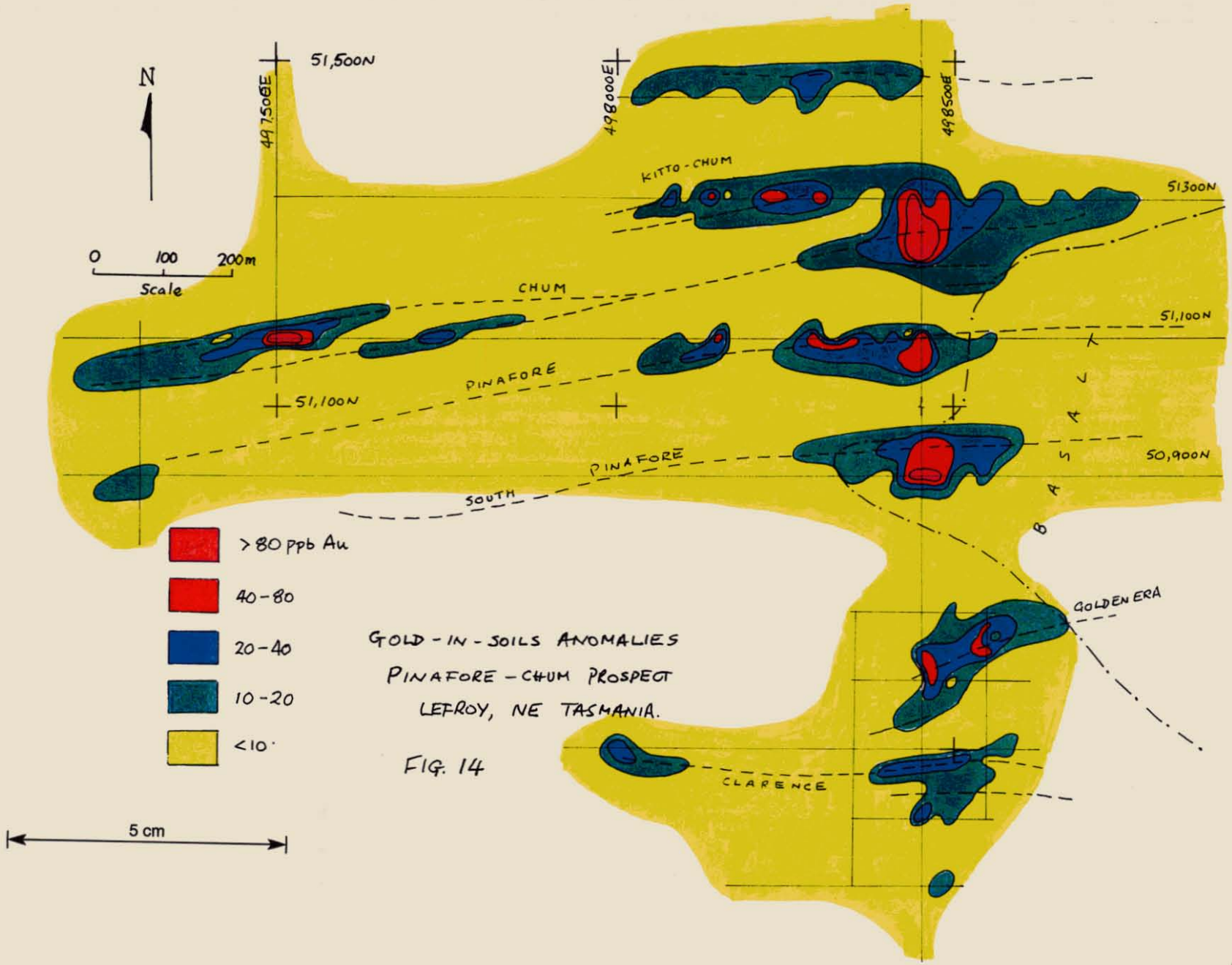
Pinafore Reef

The extent to which the soil anomalism over the Pinafore reef is due to contamination is hard to judge. The reef is covered on its western end by thick Tertiary clays (up to 4m), gravels in the central region (1.5m) and basalt to the east (up to 35m) (Fig. 3).



LAND O'CAKES LODE, LEFROY, TASMANIA
GOLD-IN-SOILS (ppb)

FIG. 13



GOLD-IN-SOILS ANOMALIES
PINAFORE-CHUM PROSPECT
LEFROY, NE TASMANIA.

FIG. 14

Chum Reef

The main 150 x 100m anomaly is centred on the base line (Fig. 14). It is in heavily disturbed and possibly contaminated ground adjacent to the East Chum shaft.

A run of anomalous samples (highest value 466 ppb Au, 370 ppm As) occurs over a 200m length on line 51,300N in the vicinity of the Kitto-Chum (Fig. 15). The two elements to the anomaly, corresponding to two reefs at the Kitto-Chum, can be seen in the profile plot (Fig. 16). These samples appear to be free of any gross contamination, despite the fact that they are near to the old Kitto Chum shaft. The true width of the zone is approximately 30m. It is open to the east and west and some follow-up work is warranted on this prospect.

The West Chum gold-arsenic anomaly lies at the western end of the rich Chum lode on line 51,100N (Fig. 15). It is relatively wide (100-150m) on the section due to the low angle between it and the line it crosses; it has a true width of 20-25m with the arsenic giving a broader and better definition to the anomaly than gold. The anomaly has not been affected by contamination even though the ground has been disturbed by shallow pitting and trenching.

This anomaly lies on the eastern flanks of the high quartzite ridge to the west. Values drop off markedly down slope from the anomaly suggesting that surface creep had occurred. The fact that the valley samples were probably taken from 'A' rather 'B' horizon soils, suggests that other factors may be at work. A positive correlation between topography and arsenic (probably gold as well) can be seen at the western end of the line.

5.2.4 Native Youth

Excelsior.

The main Au-As anomaly here lies on lines 50,000N & 50,100N and occurs in the vicinity of the Excelsior Shaft. Some contamination exists (ie., a 1.32g/t sample adjacent to the shaft has been deleted), otherwise the remaining high samples have been field checked and deemed OK. Some are close to old workings, nonetheless they are considered to be from a long since stabilised soil profile. The main Au anomaly is 250m long and trends NW lying along strike from the tectonic zone at Leefloyd/Windermere, 1.4 km to the south (Fig 17). Highest values are 57, 73 & 100 ppb.

The anomaly straddles the Hit and Miss, New Native Youth and Nugget reefs and may represent a low-grade stockwork style of mineralisation lying between the latter two reefs. The As anomaly is a coincident "bulls-eye" anomaly of which core lies between the New Native Youth and Nugget reefs (Fig. 18). Dimensions of the >25 ppm contours are 200 x 100m. Highest values are 77 & 102 ppm. Further follow-up is recommended to fully define this anomaly.

Bain & Richards.

A run of anomalous samples (two Au and four As) lying on the ridge at the western end of Bain & Richards reef (49,700N)can be discounted due to contamination. This lode was described in the early reports as having been rich in sulphides.

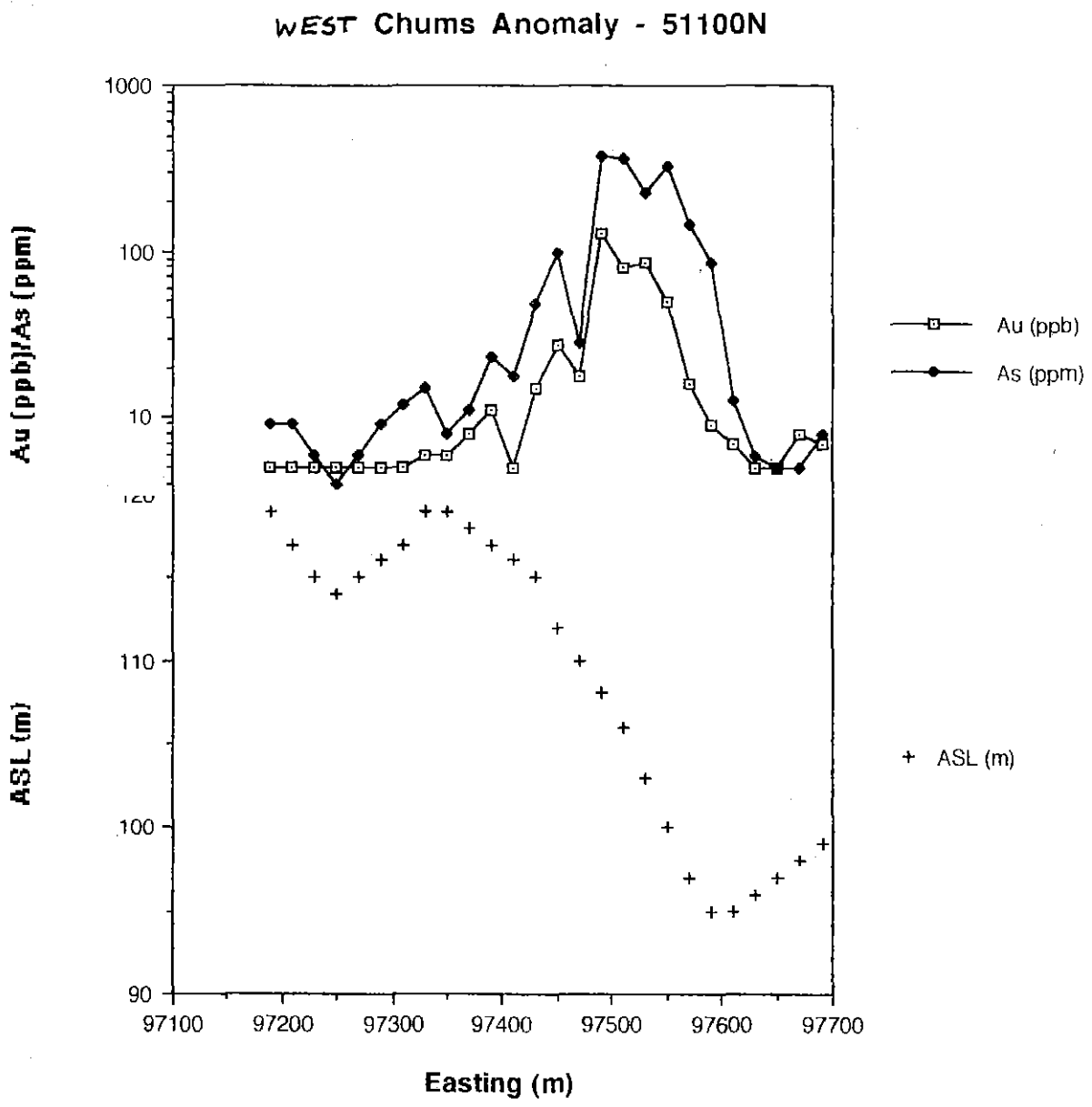
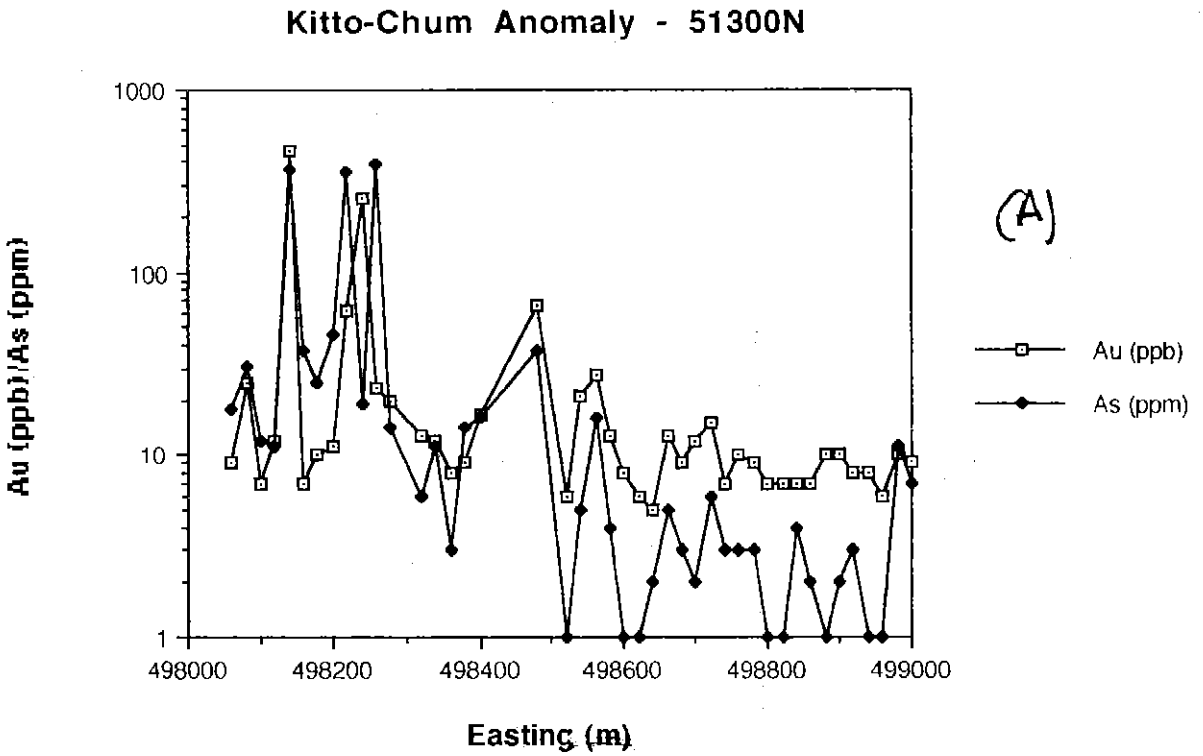

WEST Chums Anomaly - 51100N
Au (ppb)/As (ppm)
ASL (m)
1000
100
10
110
100
90
97100
97200
97300
97400
97500
97600
97700
Easting (m)
Au (ppb)
As (ppm)
ASL (m)

FIG. 15


Kitto-Chum Anomaly - 51300N
Au (ppb)/As (ppm)
1000
100
10
1
498000
498200
498400
498600
498800
499000
Easting (m)
(A)
Au (ppb)
As (ppm)

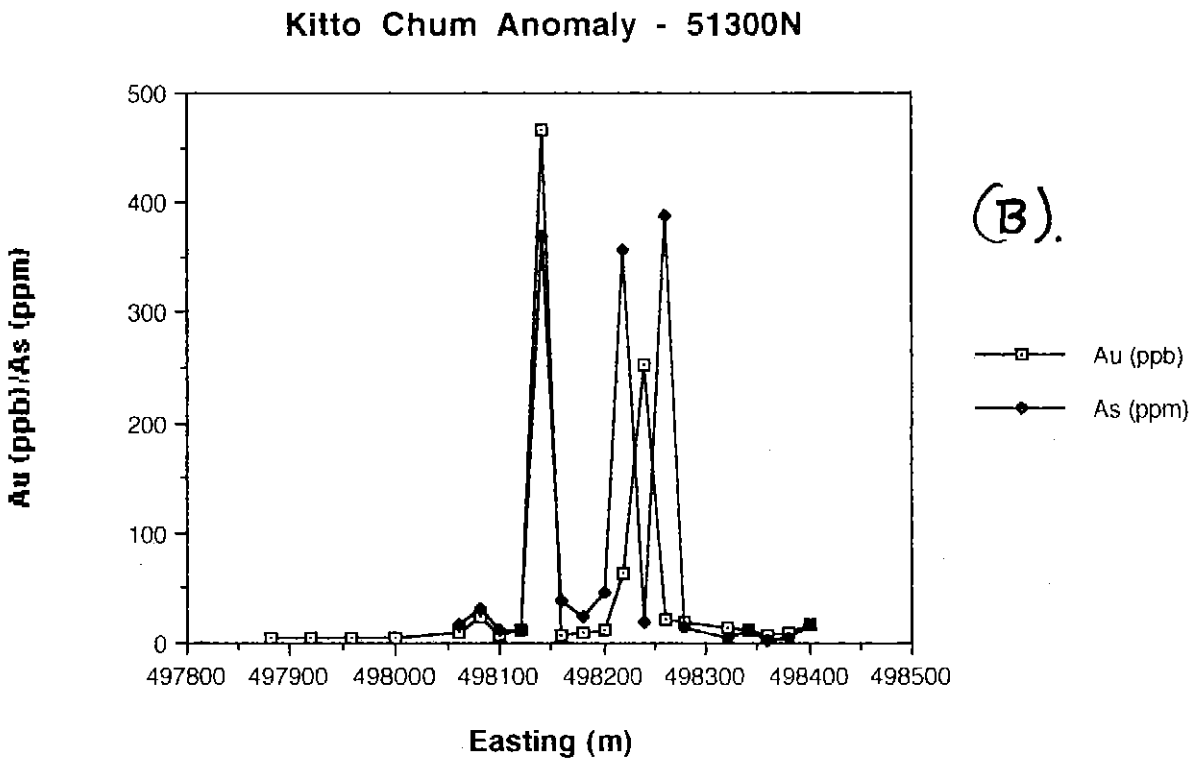
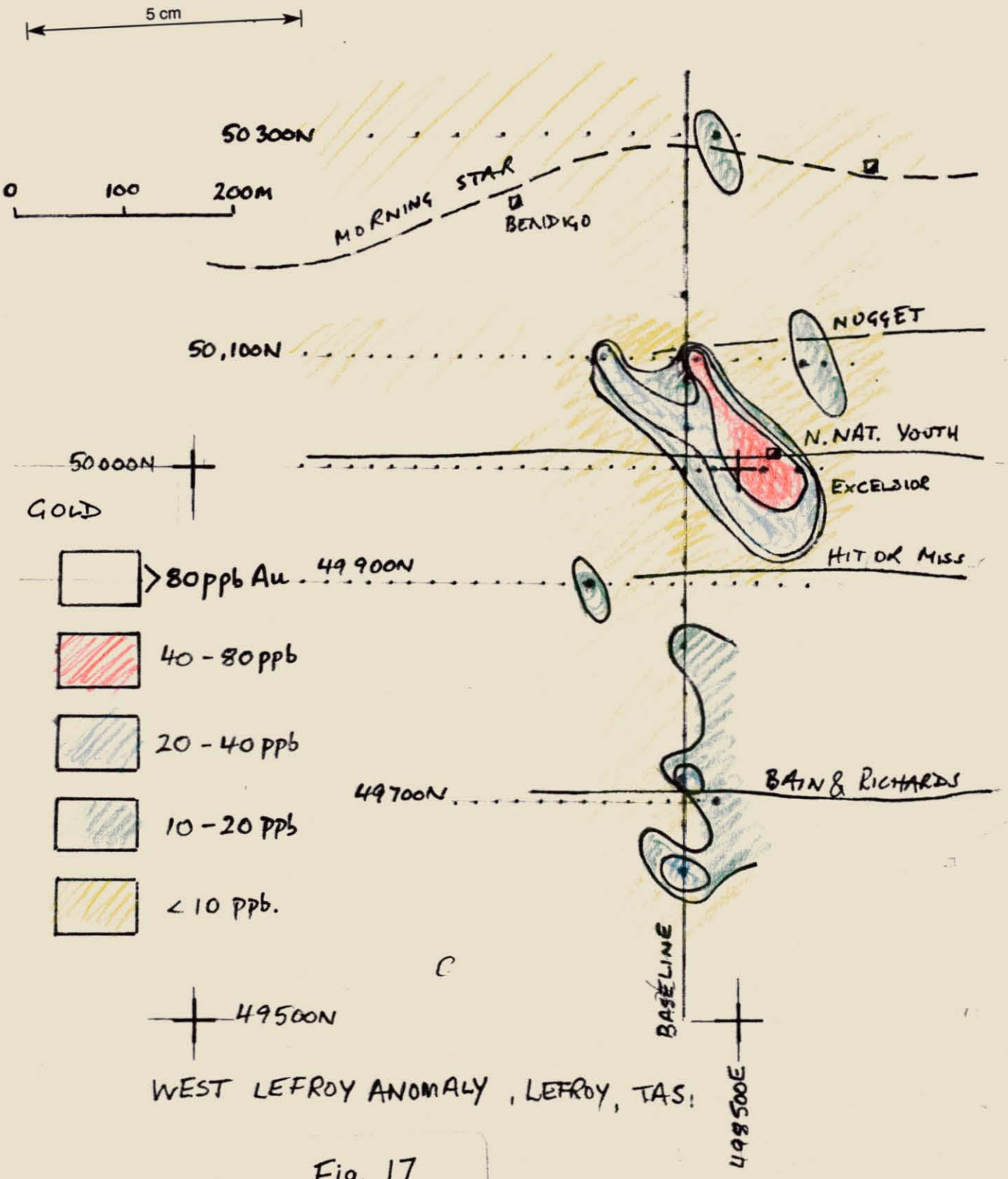

Kitto Chum Anomaly - 51300N
Au (ppb)/As (ppm)
500
400
300
200
100
0
497800
497900
498000
498100
498200
498300
498400
498500
Easting (m)
(B).
Au (ppb)
As (ppm)

FIG. 16

335023.



WEST LEFROY ANOMALY, LEFROY, TAS.

Fig. 17

P407547
<8ppb/8ppm

P407548
<8ppb/9ppm

P407550
<1ppb/12ppm

6825
<0.05

6826
12.40

FOLLOW-UP PROGRAMME

Sample site

1ppb/10ppm
↑ Au ↑ As

P407537
8ppb/11ppm

P407536
<1ppb/
5ppm

P407538
<1ppb/5ppm

P407534
<1ppb/4ppm

6830
1.66

P407535
<1ppb/5ppm

P407539
<1ppb/10ppm

6827
0.68

6828
1.78

P407532
<1ppb/
4ppm

6829
19.48

P407531
<8ppb/3ppm

P407530
<1ppb/4ppm

P407529
<1ppb/5ppm

P407533
<1ppb/6ppm

5450000N

6868
13.90

P407540
2ppb/8ppm

6869
28.30

6872
46.00

6870
1.39

6871
2.96

N

0 1 Km
Scale

6802
246

6801
394

P407551
6ppb/31ppm

P407552
14ppb/
14ppm

P40755
106 ppb/
26 p

6813
10.26

6812
1.78

6873
4.20

6874
1.97

3000000

- BLEG STREAM SEDIMENT

6829 / 19.48 SAMPLE No. (PREFIX P40—) gold content ppb.

⊙ SITES INSPECTED BUT NOT SUITABLE FOR SAMPLING

△ ROCK SAMPLE

ANOMALOUS CATCHMENTS IN RED

STRATIGRAPHIC ZONES

FIGURE 19

STREAM SEDIMENT SAMPLING OVER LETROY EL.

Scale 1:25,000

5 cm

Fig 1

The lowest contours (>10 ppb Au and >12 ppm As) trend in a NW direction and project along strike to the West Chum anomaly, situated 1.4 km to the north. These contours reflect a stratigraphic and/or structural control to mineralisation.

5.3 Stream sediment survey

A regional BLEG drainage survey was conducted by Dr D McP Duncan early in 1995. The results of this survey may be found in the Annual Report for Bell Bay and Pipers River EL's (Keele 1995). Significant results relevent to the Lefroy EL are summarised at the back of this report (Appendix 5).

A small programme was designed to follow-up the anomalous Curries River catchment (12.40 ppb, 19.48 ppb). In the follow-up survey, a minus 80# fraction was analysed for gold and arsenic. Unfortunately, the numbers are not strictly comparable, especially as the detection limit for gold was 8 ppb; however, this is outweighed by the fact that arsenic can be used as a pathfinder, the samples are smaller (1-2 kg) and easier to collect. No samples were anomalous in gold or arsenic (Fig.19). This can be explained a number of ways; (1) the Curries River sample is contaminated with gold from the alluvial plant on the Langridge mining lease, (2) the lode deposits to the N and W of Lefroy (eg. Recruit, Golden Zone) are insignificant.

The anomalous catchments draining: (1) the Land O'Cakes (394 ppb), (2) the Volunteer (396 ppb and 46 ppb), and (3) Baker Tier (28.3 ppb) were not followed-up because the areas they drain were scheduled for routine soil sampling.

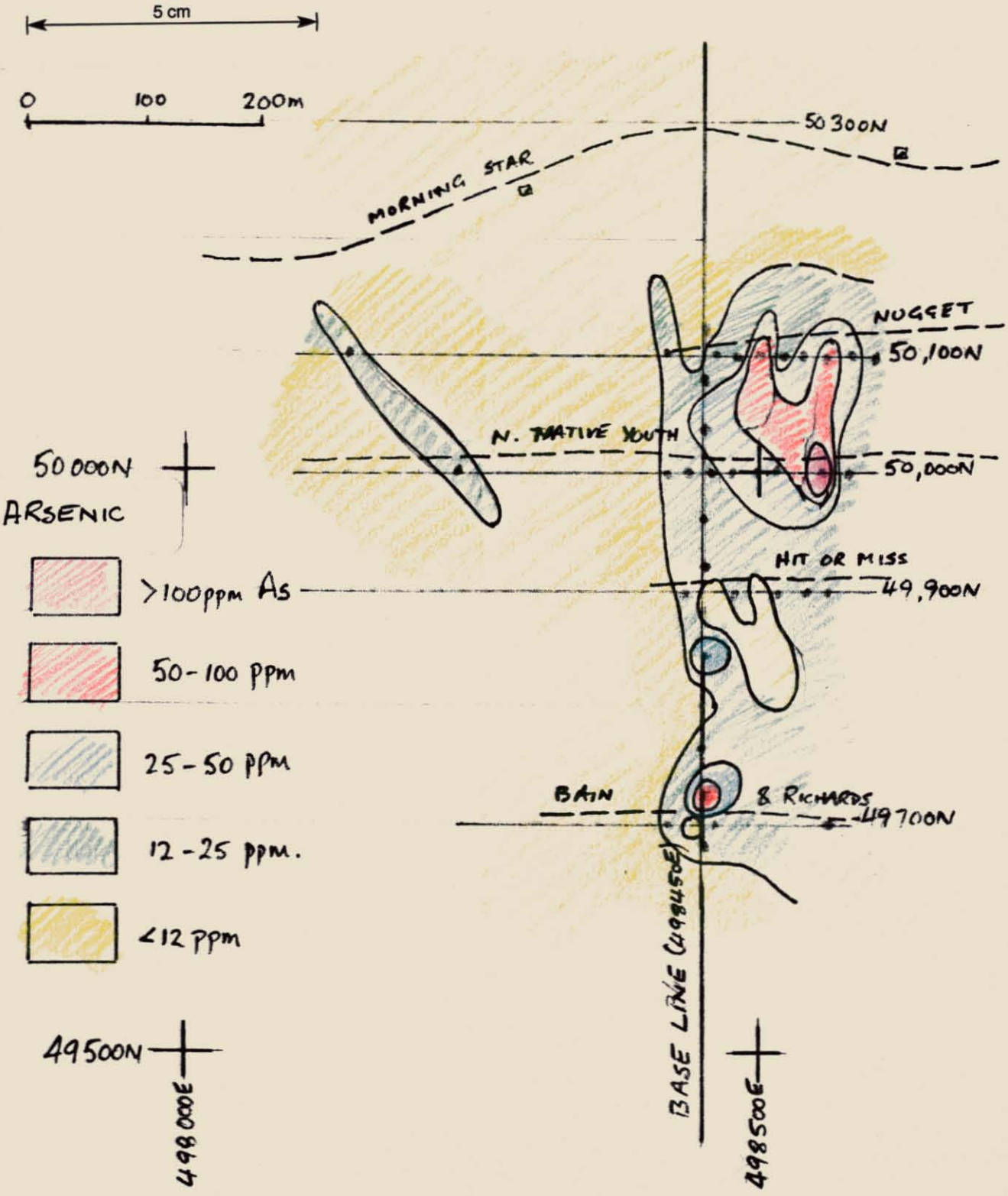
5.4 Geological mapping

Early mapping on the Lefroy field by Montgomery (1897) and Broadhurst (1935) produced maps that showed accurate positions of the lodes. Groves (1964) added considerably to the understanding of the nature and distribution of the Tertiary deposits. Recent mapping by this author was conducted at a scale of 1:5,000 and covered 6-7 sq km (Fig. 20). Access was gained using existing tracks, cut lines and openings that resulted from past exploration and/or mining activity. Since outcrop was generally poor (estimated to be <5%) many observations were made in the numerous pits and trenches that occur all over the field; the highway section provided very useful information.

Subdivision of the Mathinna Group sediments was by grain size. Three main groups were recognised:- mudstones, siltstones and sandstones. The dominant grainsize in the district straddles the siltstone-sandstone boundary, resulting in a coarse-grained siltstone or a fine-grained sandstone being commonly mapped. Activity mapping, using a scale of 1-4 was also employed (eg., 1 - light surface scratching, 2 - pitting and trenching, 3 - exploratory shafts, 4 - shafts with recorded gold production). This aided in mapping extensions to existing lodes.

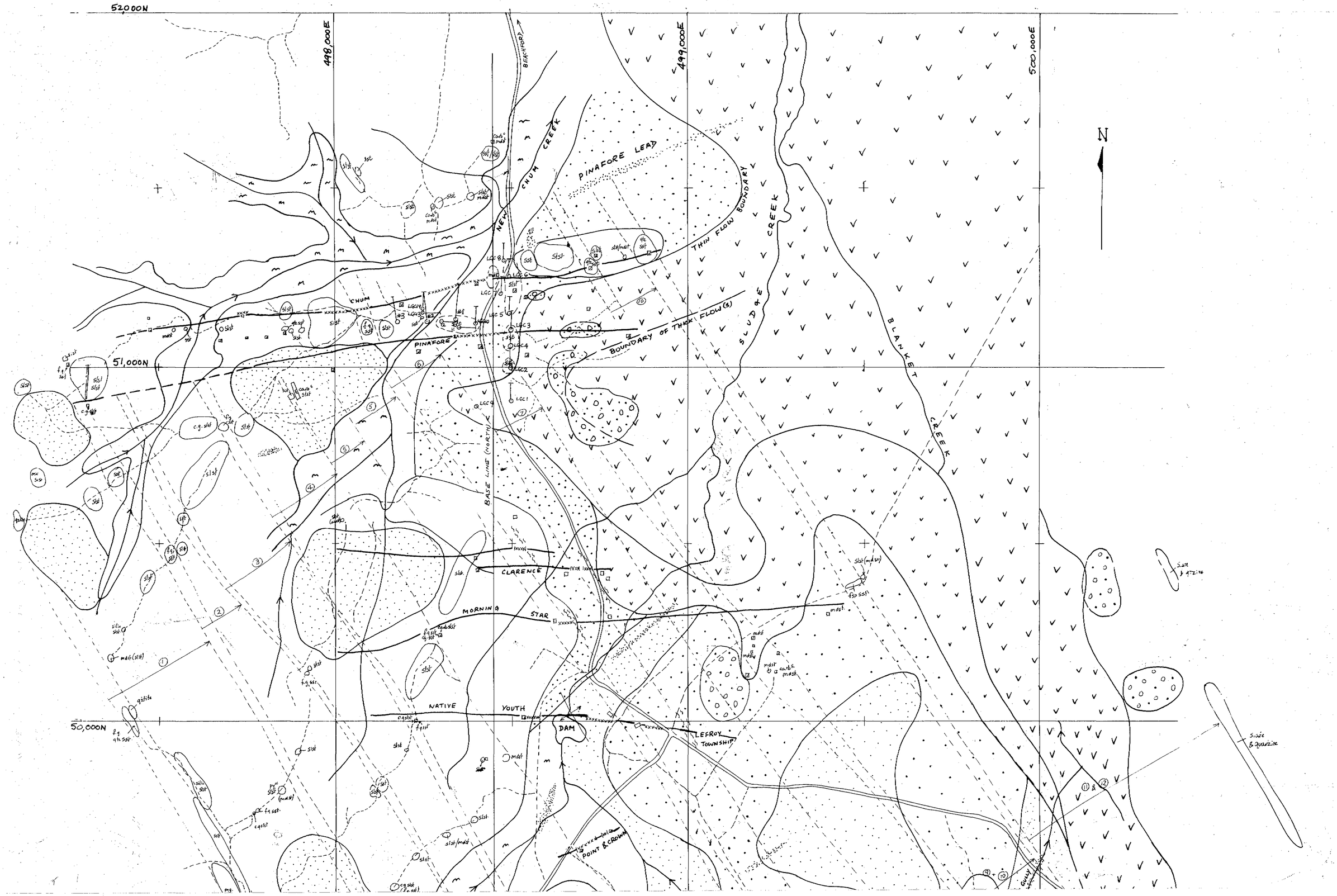
5.4.1 Stratigraphy

The results confirm that the majority of gold deposits occur within a 2.5 km wide package of siltstones, fine-grained sandstones and mudstones that lie between an eastern and a western quartzite unit (Fig. 21). Few reefs are found outside this zone. The favourable part of the stratigraphy has been sub-divided into 12 cyclic turbiditic units, with most of the gold occurring in Units 5-9. A fine-grained sandstone unit acts as host mineralisation at the Volunteer and Specimen Hill, whilst at the northern end of the



WEST LEFROY ANOMALY, LEFROY, TAS

Fig. 18



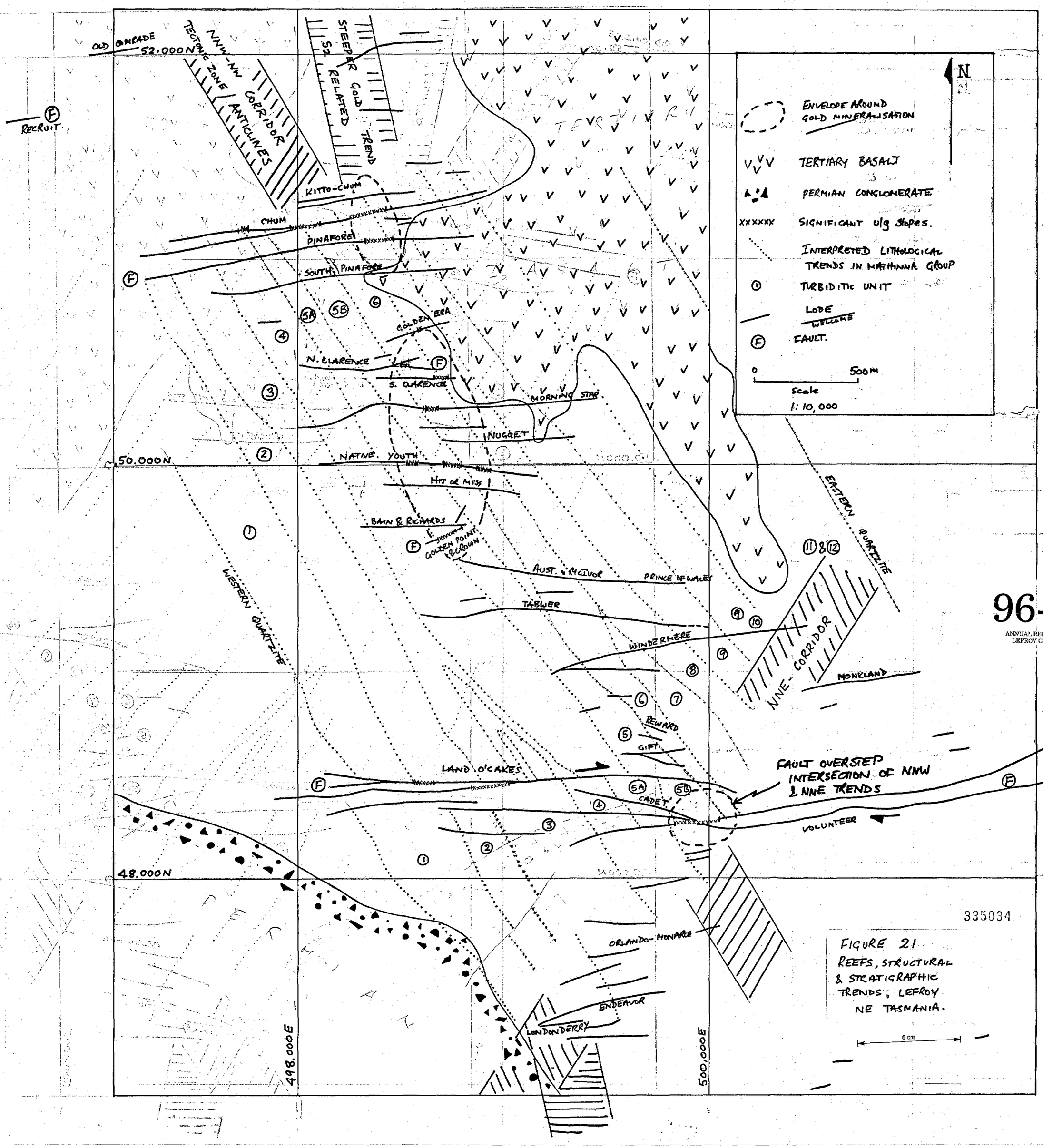
335032

96-3852

ANNUAL REPORT 1996 EL 1/96 LEFROY
LEFROY GOLD MINES - KEELE, R A

5 cm

FIGURE 20
LEFROY GEOLOGY
NORTH SHEET
1: 5,000



96-3852

ANNUAL REPORT 1996 EL 1/95 LEFROY
LEFROY GOLD MINES - KEELE, R A

335034

FIGURE 21
REEFS, STRUCTURAL & STRATIGRAPHIC TRENDS, LEFROY NE TASMANIA.

5 cm

49,000N

48,000N

47,000N

498,000E

499,000E

500,000E

GEORGE TOWN

LAND O' CAKES LODE

SPECIMEN HILL

SPECIMEN CREEK

BLANKET

SOUTH LINE

TELECOM LINE

VOLUNTEER LODE

PIPERS RIVER

CREEK

Permian

LEGEND

QUATERNARY
- ALLUVIUM
- CLAYS, SANDS

TERTIARY
- SANDS, CLAYS
- SANDSTONE, CONGLOMERATE
- BASALT

PERMIAN
- CONGLOMERATE

ORDOVICIAN -SILURIAN.
- MUDSTONE
- SILTSTONE
- SANDSTONE

LODE WITH GOLD SHOOTS

ALLUVIAL

SHEAR ZONE

0 200m

Scale 1:5,000

Mapping by R.A. Keele (with data from Groves, 1964)
March 1996.

LEFROY, N.E. TASMANIA.

LEFROY GOLD MINES P/L

96-3852

ANNUAL REPORT 1996 EL 1/95 LEFROY
LEFROY GOLD MINES - KEELE, R A

335033

5 cm

FIGURE 20 -
LEFROY GEOLOGY
SOUTH SHEET
1: 5,000

field the mineralisation is hosted by a thick featureless siltstone unit. These differences may reflect subtle changes in competency between the various lithologies from north to south, possibly due to changes in pressure, temperature or strain rate.

5.4.2 Structure

Structural studies in the region have indicated that the host sequence lies on the overturned E-limb of a regional anticline called the Pipers River recumbent fold and that there were two major periods of deformation in the Middle Devonian (Powell and Baillie 1992). The D1 event involves NE-directed thrusting and folding whilst D2 is a W-directed more brittle-style event with a well developed crenulation cleavage. Measurements from this study indicate that the folds have low-angles of plunge and that the refold axes (F2) are sub-horizontal and trend 340° (Fig. 22).

5.4.3 Ore controls

Sheared anticlines

A number of faulted/sheared anticline(s) of moderate size are observed on the south side of the highway section (Fig. 23). These folds and faults/shears form part of a 200m wide corridor that follows the length of the field. It can be traced from the western side of Monarch Hill, through Specimen Hill, the Native Youth and probably beyond (Fig 21). The zone contains the majority of rich shoots in the field and its trace has been used to position soil lines, drill targets etc. The anticline at the Native Youth illustrates the nature of this folding and how it exerts control on the mineralisation (see Figs. 24 & 25).

Ore envelopes

One of the more obvious features of the Lefroy goldfield, often remarked upon by earlier workers, is the en-echelon arrangement of the E-W reefs (Fig. 21). The main envelope of reefs trends NW to NNW, following the anticlinal hinge zone(s), as well as individual units in the Mathinna Group. At the south end of the field, however, this envelope changes to a NNE trend. It is no coincidence that the best soil anomaly in the current programme lies at the intersection of the main NW corridor with this NNE trending corridor. (Note that quartz veins and shears with this trend have been mapped - see Fig. 22). The reason for this change in trend of the ore envelopes is not known, but it clearly indicates the importance of the Land O'Cakes-Volunteer fault overstep in channelling the ore fluids.

Ore shoots

The first geological report by Thureau (1882) on the district showed an anticline controlling stopes on the New Native Youth (Fig. 24). An asymmetric E-directed (D1) anticline evidently strongly influenced the shape of the stopes. Thureau's prediction of the gold following a bed down the W-dipping limb of the anticline was shown to be true in a later report (Fig. 25). The following points are relevant here:

- lithological controls are evident on the W-dipping limb of the anticline; an upper and lower bed appear to be favourable in this regard
- a large stoped area is bounded by the axis of the fold and an inferred flat W-dipping slide (see also Chum and Volunteer lodes)

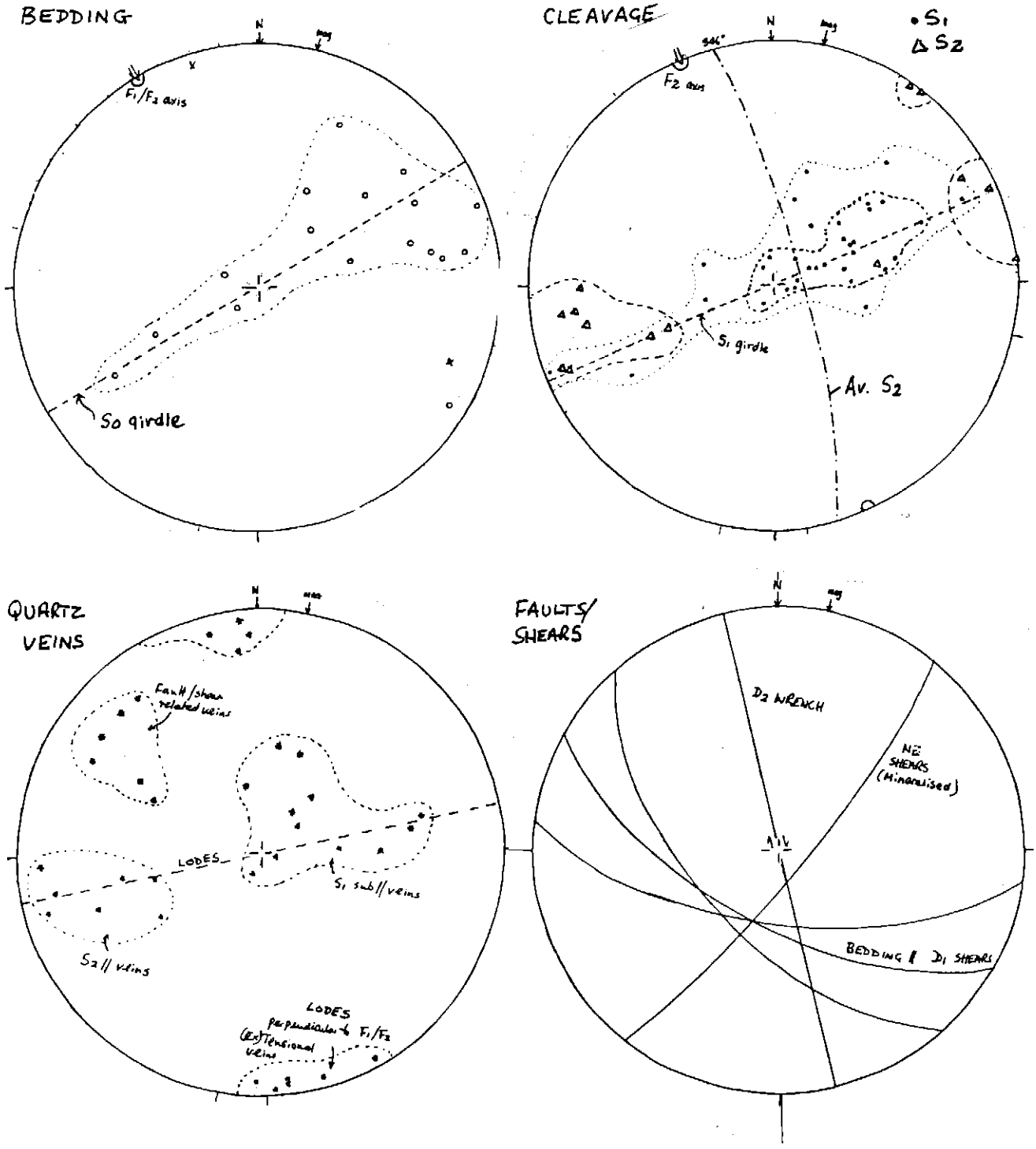
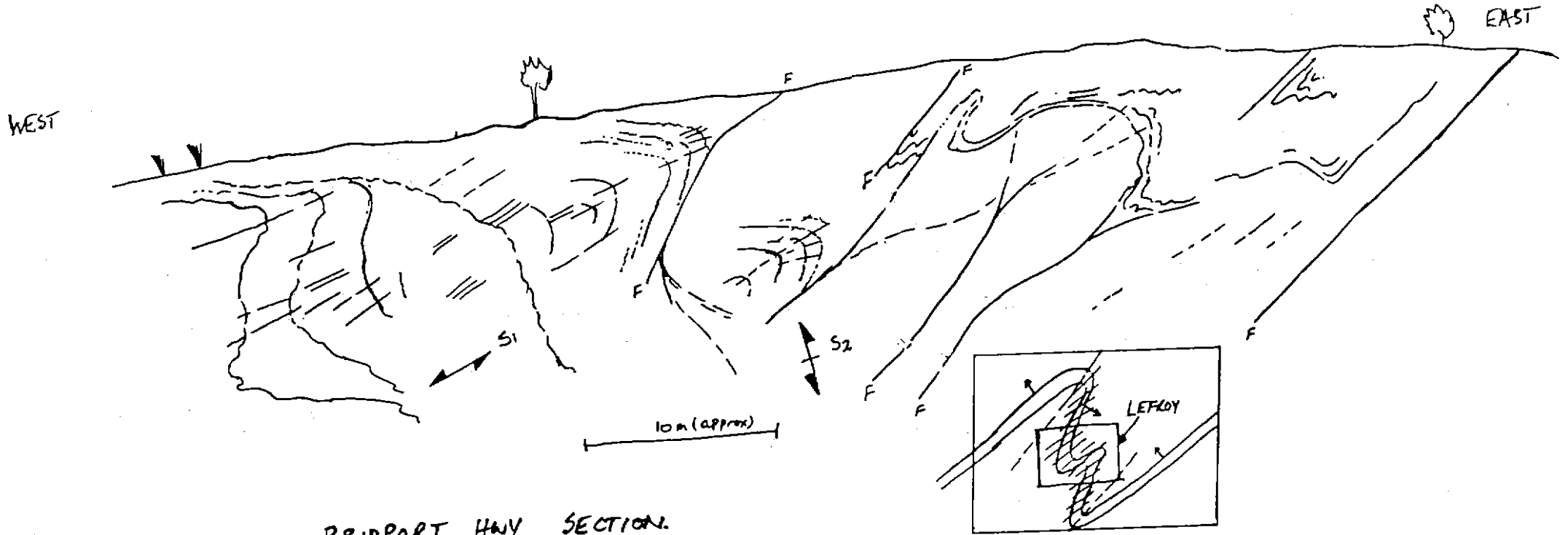


FIG. 22 STRUCTURAL DATA, LEFROY, NE TASMANIA.



BRIDPORT HNY SECTION.

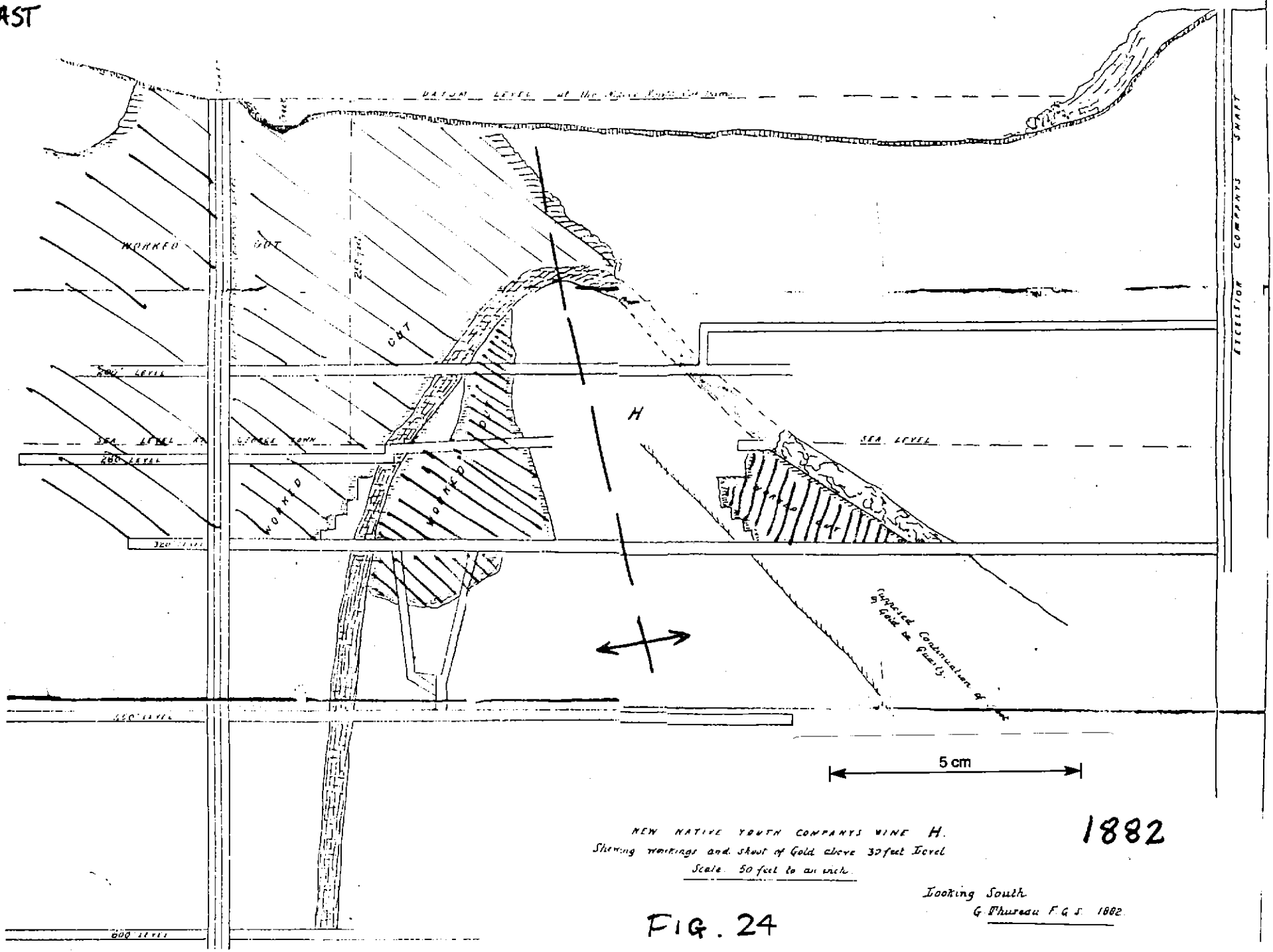
FIG. 23

5 cm

LONGITUDINAL SECTION B.

EAST

WEST



NEW NATIVE YOUTH COMPANYS MINE H.
Shewing workings and Shoot of Gold above 30 feet Level
Scale 50 feet to an inch.

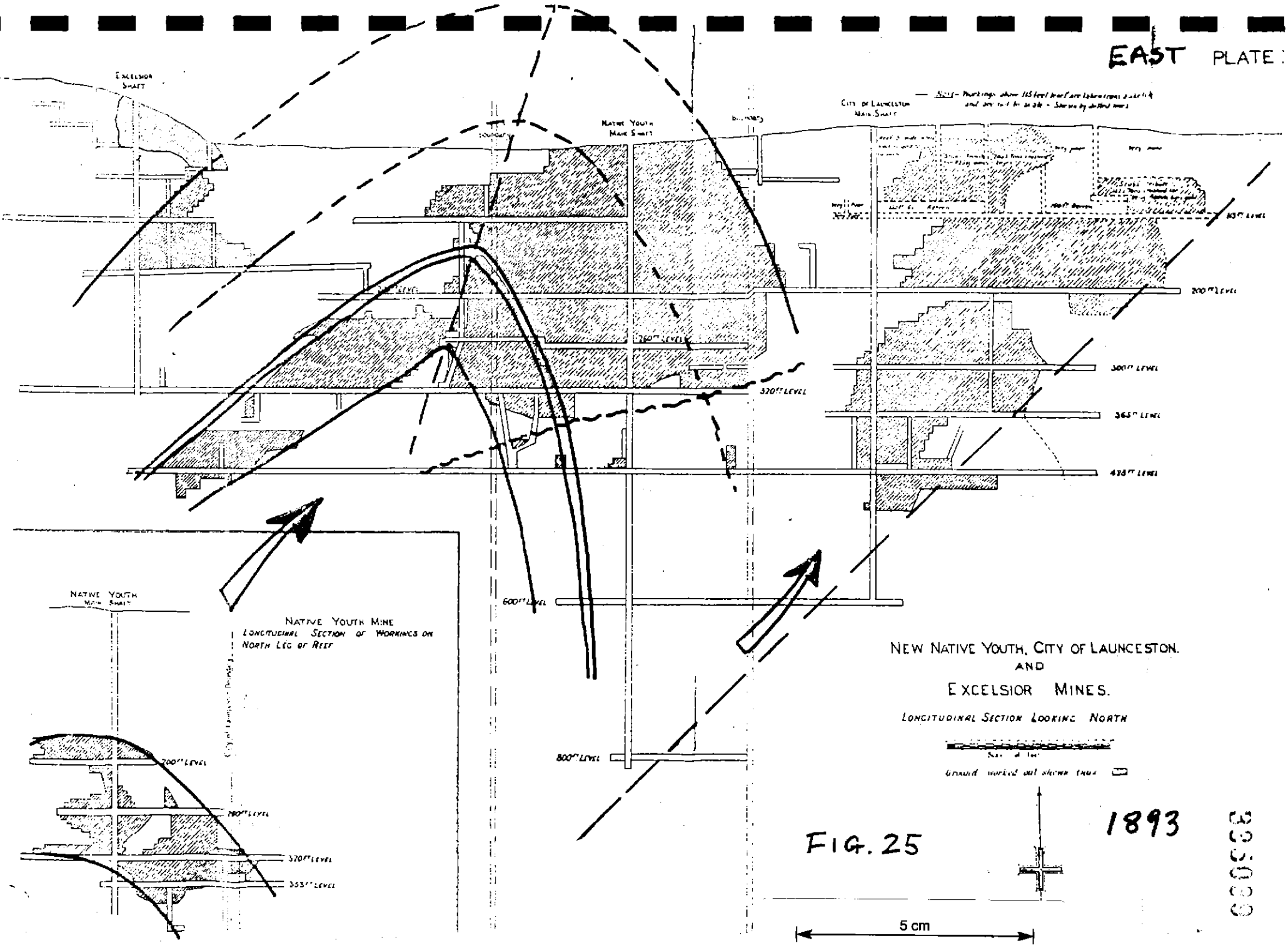
1882

Looking South
G. Thureau F.G.S. 1882

FIG. 24

WEST

EAST PLATE



NEW NATIVE YOUTH, CITY OF LAUNCESTON AND EXCELSIOR MINES.

LONGITUDINAL SECTION LOOKING NORTH

Ground worked out shown thus

FIG. 25

1893

5 cm

- A fault controls the footwall to the orebody in the City of Launceston mine (structures with a similar orientation are seen on the Bridport Hwy section, fig. 23)

Much ore has been stoped out from the upper levels of the Chum reef (Fig. 26). There appear to be both E & W-plunging shoots. At the eastern end of the reef, the ore appears to pitch E (it also pitches E on the East Chum Extended off the diagram, as well as on the Pinafore). Two 'slides' are shown on the section, suggesting that these ore shoots are related to anticlines.

The ore shoot at the Volunteer has an overall moderate W-plunge, due to faults that may parallel stratigraphy. However, there is evidence that a flatter W-dipping control exists as 'slides' (Fig. 27). The bonanza grades near the surface and between the 4 and 6 levels are due to this control. (It is interesting to note that the drilling done by the Mines Department in the 1930's tested the moderate W-plunge model, without much success it might be said. Two points are relevant here: given the variation in grades noted in the upper part of the ore body from level to level, would one hole have adequately tested the down plunge the extension of the shoot? Would not a flatter projection have been a better trend to follow?

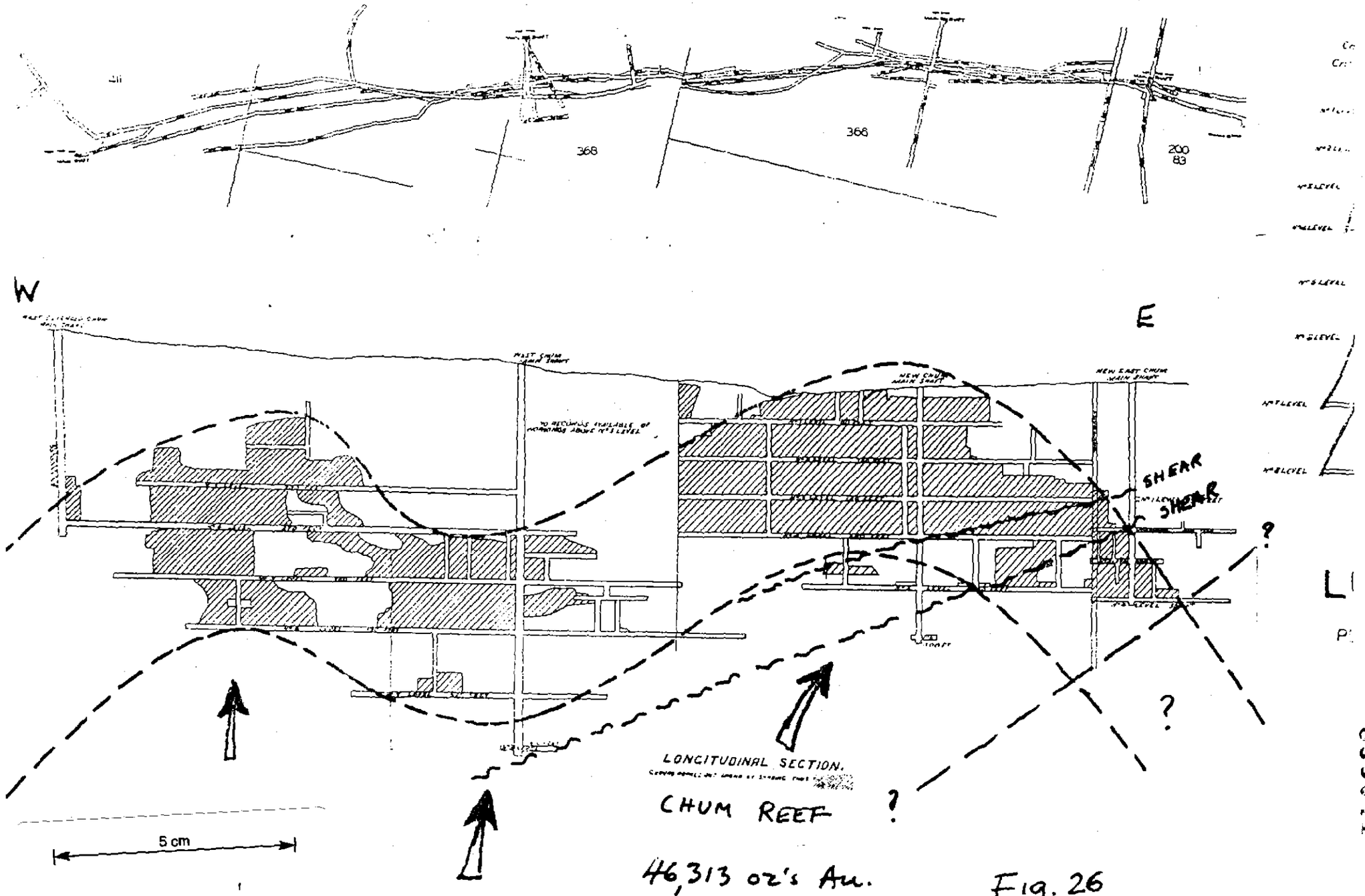
A stratigraphic or structural control to ore?

Mapping shows that many of the terminations of the E-W lodes occur at specific unit boundaries, suggesting a stratigraphic, or lithological, control to their development. In contrast, the gold can be seen to subtly cut across stratigraphy. For example, gold shoots at Pinafore-Chum occur in Units 7 & 8, whilst the gold shoot at the Volunteer occurs in Unit 5. (Note also that the Land O'Cakes gold shoot occurs in Units 2 & 3). This suggests that the gold mineralisation is more structurally, than stratigraphically, controlled particularly at the goldfield scale. In fact the line joining the centres of shoots has a trend of about 345-350 and is clearly much steeper than the corridor containing the tectonic zone; this corresponds to the average trend of S2 (see Fig. 21) suggesting that the later, brittle-style deformation event was more important in controlling ore, than the main precursor D1 event.

5.5 Landsat interpretation

An interpretation of the Landsat TM view of the region east of the Tamar River (Bands 7/5/3) at 1:25,000 scale shows the following features:

- NNE- to ENE-trending faults and fractures (Fig. 28);
- NW-trending lithological & structural linears;
- WNW-trending linears;
- contrasting vegetation types on SW-facing hill slopes compared to NE-facing hill slopes;
- plunging folds in the Mathinna Group between Lefroy and Back Creek (esp. Baker Tier);
- the relatively subdued features in the Quarternary drift-filled valley south of Lefroy (except abandoned river courses);
- Lefroy-Beechford Tertiary basalt-filled drainage in which basement trends are subdued.



CHUM REEF

46,313 oz's Au.

Fig. 26

WEST

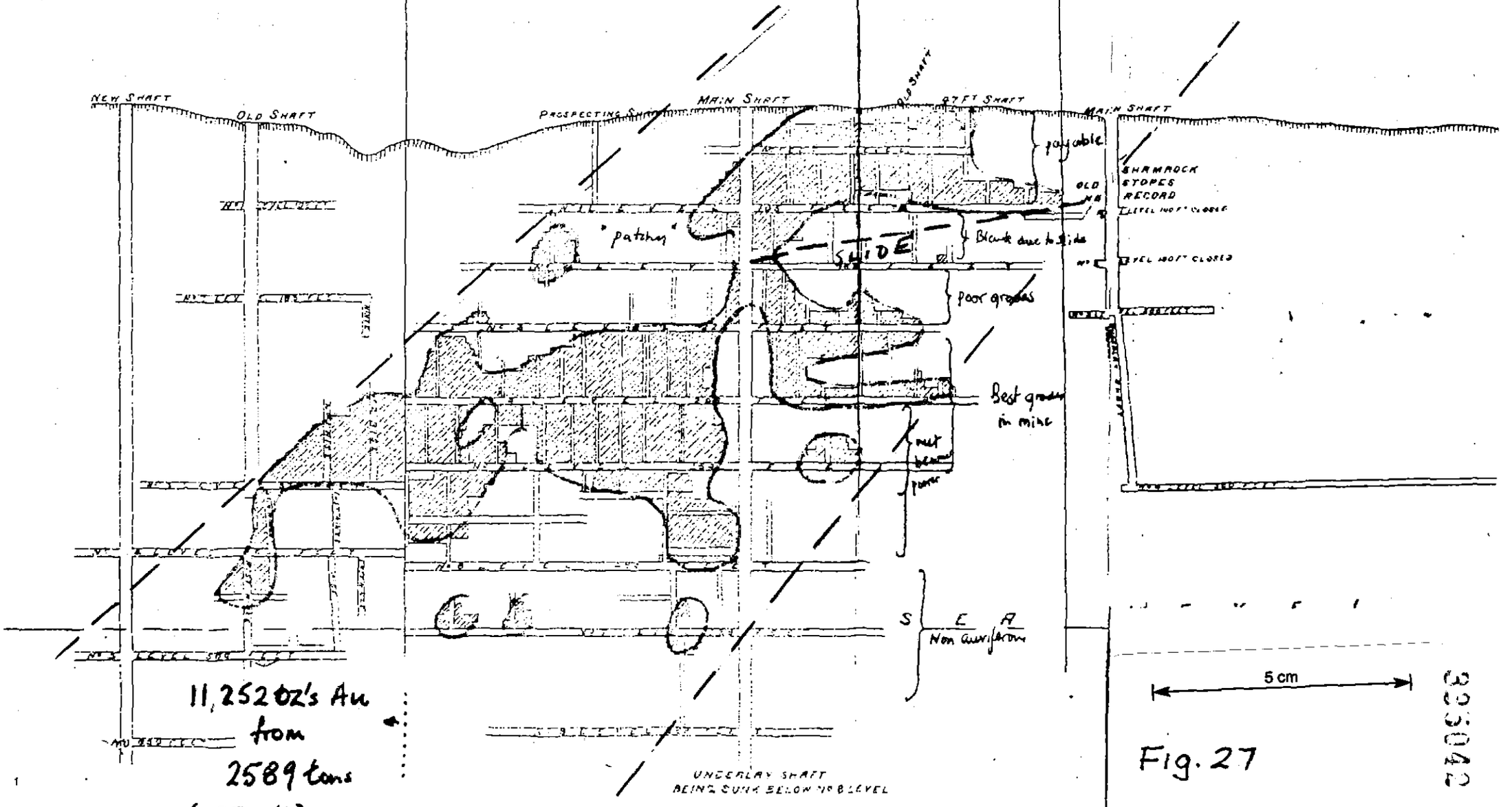
VOLUNTEER.

TOTAL: 45,044 oz Au

VOLUNTEER.

EAST

EAST VOLUN



5,460,000 N

500,000 E

BF

P.C

NY

VOL

5,450,000N

TIPPO GOREE

R. TAMAR

HILLS

0 1 2 Km

5 cm

490,000 E

5,440,000 N

500,000E

FIG. 28

LANDSAT INTERPRETATION OF BEECHFORD - LEFROY - GLEN

Scale 1:50,000

83-043

A concentration of lineaments around Lefroy is evident. A swarm of NNE-trending fractures/joints is present in the upland area of Mathinna Group west of Lefroy. This swarm is abruptly terminated north of the Pinafore-Chum along a Landsat linear and continues south to the 14-Mile Creek valley, having its greatest concentration along a 2 km length at Lefroy. Orthogonal (WNW-trending) linears are also present at the Land O'Cakes where a prominent linear is associated with the anomalous E-W topography just north of the highway. This is directly attributable to the effects of silicification along the Land O'Cakes-Volunteer Fault line. It should be noted that the Volunteer-Land O'Cakes soil anomaly lies at the confluence of a number of features, viz. NW trending topography, E-W ridge, WNW linear and NE linears. It also lies at the change of trend in the ore envelope from NNW to NNE (Fig. 21)

5.6 Aeromagnetic interpretation

The maximum horizontal slope image (NE sun angle) has provided considerable detail within the Mathinna Group and Tertiary basalts. The dominant structure of the basalt flows is (N)NW, ie. perpendicular to the presumed crustal extension during the Tertiary period. This is despite individual basins ranging from E-W to N-S in orientation (Fig 29).

A system of E-W to ENE-WSW topographic features have exerted considerable influence on the ponding of basalt flows. These features are likely to be fault controlled, either as Tertiary transfer faults or as reactivated Devonian structures. Such an influence is evident at Lefroy where a crustal prism 5 km long by 3 km has a subdued magnetic response compared to the surrounding Mathinna Group, probably due to region-scale hydrothermal alteration associated with gold mineralisation (Fig.30).

5.7 Rock chip sampling

A small programme was intended to investigate the potential for low-grade ore in the district from dump material. Sampling at the Volunteer shows that there is considerable material in the 0.2 - 1.2 g/t, with a high sample containing 3.2 g/t Au. This material comprises quartz-carbonate veined, carbonate-sericite altered and sulphidic fine-grained sandstones (Appendix 8). The "fines" from the Volunteer dump may average 1 g/t. The range of values in sulphide-bearing quartz (up to 0.5 g/t) suggests that the sulphides contain gold.

The road cutting at Volunteer contains anomalous gold samples as do samples across the southern side of the 75 m wide Volunteer lode exposed in a costean next to the main shaft. It is recommended that this programme be continued, especially across the Volunteer-Land O Cakes anomaly which is exposed on the northern side of the highway.

5.8 Specimen Hill - DDH#3

Of the three drill holes put in by the Mines Drepartment in 1973 at Specimen Hill, to test a resistivity anomaly picked up in the 1972 survey, two had been sampled by Comalco (without much success) (Askins 1977). The third hole has been sampled by Lefroy Gold Mines. Core was half-cut with a diamond saw and one half submitted for assay. A low-grade intersection was obtained at the base of the hole in a quartz veined

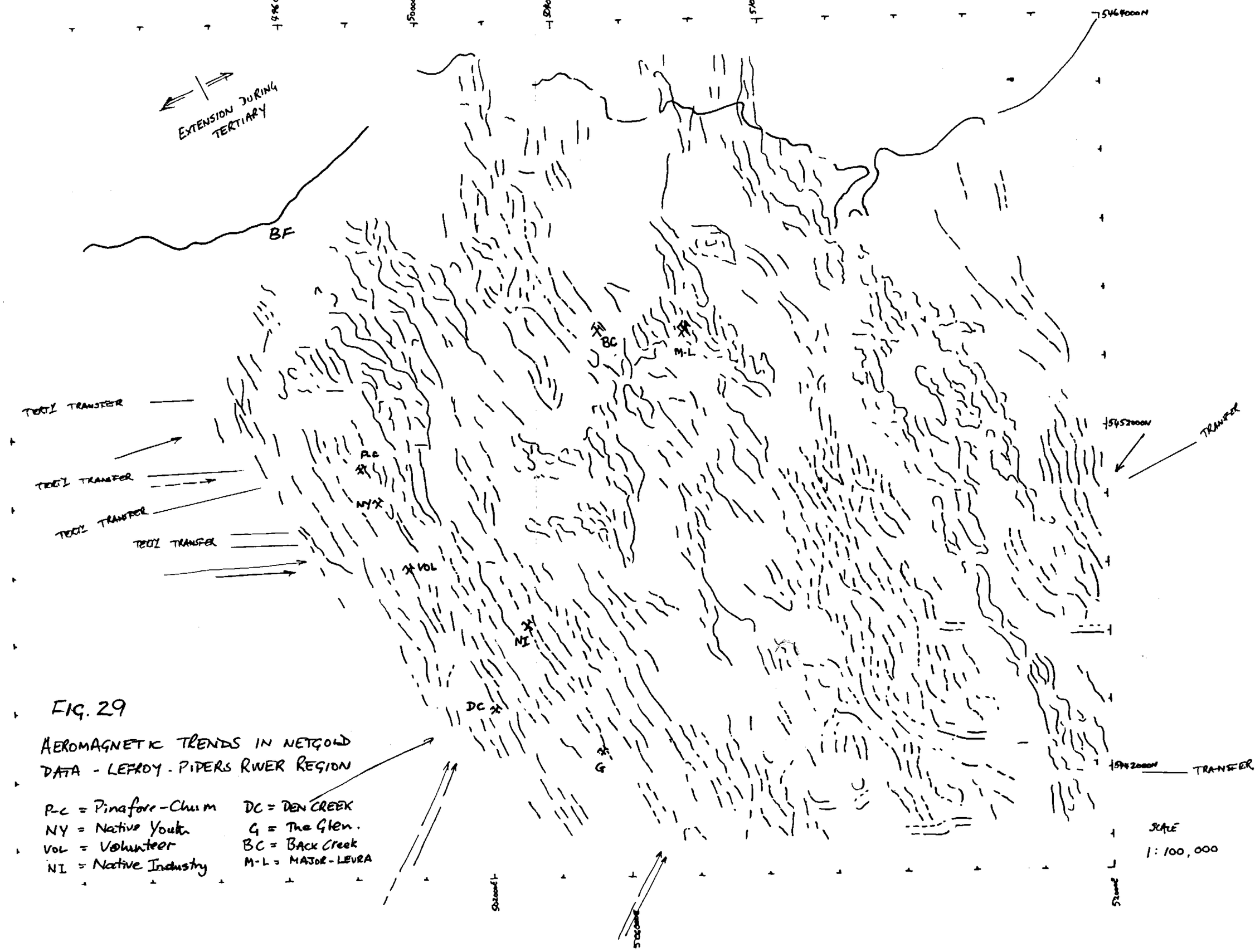


FIG. 29

AEROMAGNETIC TRENDS IN NETGOLD DATA - LEFROY - PIPERS RIVER REGION

PC = Pinafore-Chum
NY = Native Youth
VOL = Volunteer
NI = Native Industry
DC = DEN CREEK
G = The Glen.
BC = Back Creek
M-L = MAJOR-LEVRA

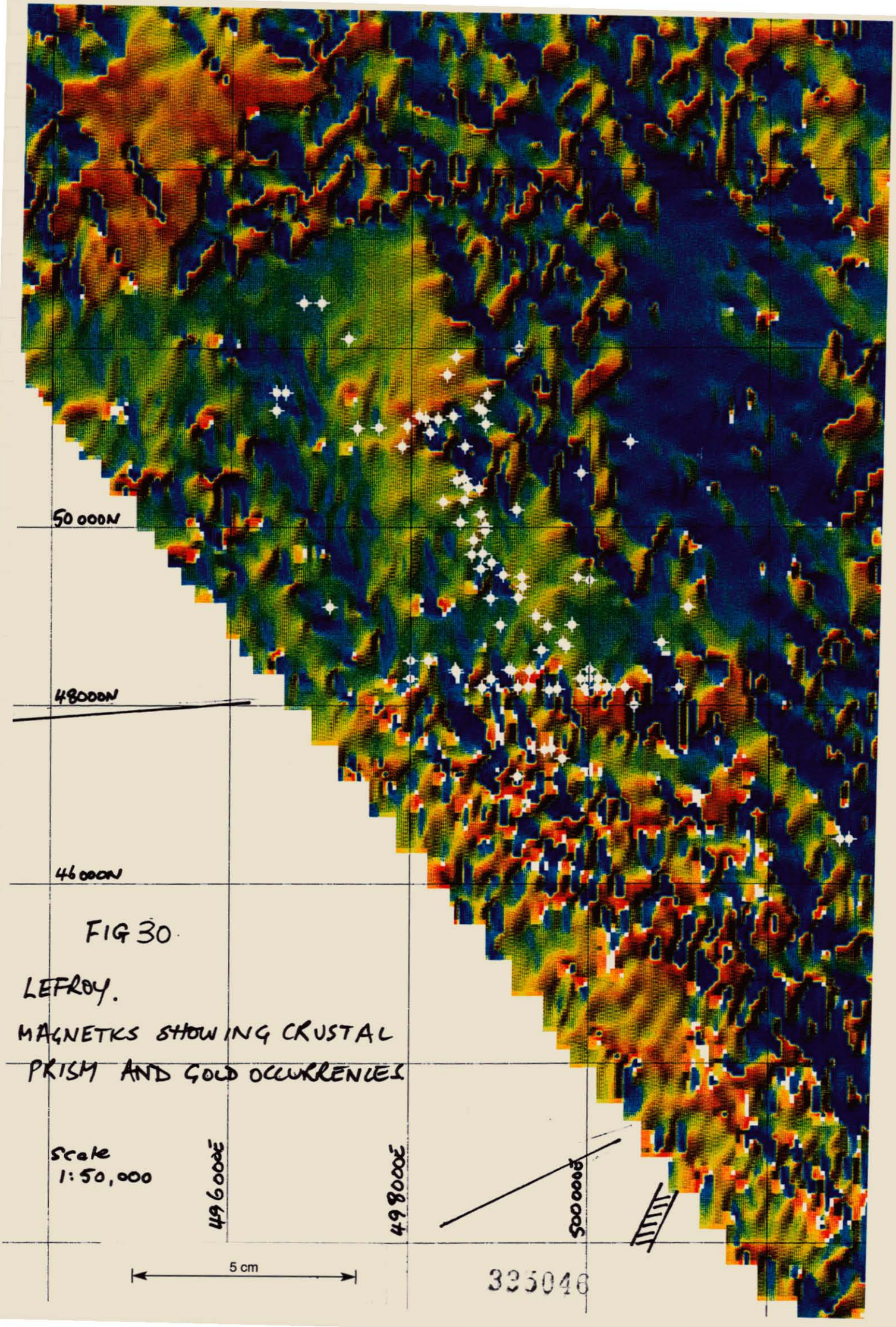


FIG 30.

LEFROY.

MAGNETICS SHOWING CRUSTAL PRISM AND GOLD OCCURRENCES

Scale
1:50,000

fine-grained sandstone unit. The interval bulks out at 1.86 m @ 0.54 g/t Au.The results are on the following table:

Table 4. Results of assaying of DDH#3 (Specimen Hill)

Sample No	Depth -from	Depth -to	Width (m)	Assay Au (g/t)
212801	132.15	132.65	0.5	0.037
212802	132.65	134.7	1.05	0.766
212803	134.7	135.2	0.5	0.262
212804	135.2	135.51	0.31	0.217

Unfortunately, the azimuth and angle of this hole has not been recorded, thus the position of the intersection (ie., Reward reef or Land O'Cakes reef?) remains a mystery. Core from the other two holes was not re-assayed.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Percussion drilling at Pinafore-Chum has shown that bulk, low-grade style mineralisation exists at Lefroy. Two zones in the Hangingwall of the Pinafore and Chum lodes have been shown to have widths that are sufficient for mining purposes (ie., 5-25 m), but grades that are not (ie., less than 1 g/t). Gram x metres need to be 2 to 3 times higher than those currently encountered to be considered economic.

Present information would suggest that a mineralised body 150m by 100m could exist at the Pinafore-Chum. It is recommended that further drilling be carried out at this prospect.

6.2 Four major soil anomalies have been outlined:

(1) Volunteer-Land O'Cakes anomaly
(2) West Land O'Cakes anomaly
(3) Pinafore-Chum group of anomalies
(4) Native Youth anomaly

The best and largest of these anomalies is the Land O'Cakes-Volunteer Anomaly which is located at the overstep in the E-W (dextral) Volunteer-Land O'Cakes Fault Zone. This anomaly is caused by mineralised quartz veins in fine-grained sandstone. The anomaly joins directly onto the eastern end of the Volunteer shoot (+40,000 oz Au). This anomaly is a future drill target.

It is recommended that follow-up soil sampling be conducted at all the above prospects. Closer spaced N-S lines are warranted for the Pinafore-Chum and Volunteer-Land O'Cakes prospects.

The West Volunteer anomaly needs further investigation.

6.3 The follow-up to the BLEG survey failed to outline any significant mineralisation in the region immediately NW of Lefroy, ie., in the vicinity of Curries River. This is despite the existence of known deposits such as the Recruit, Golden Zone etc. It is concluded that these deposits are small and probably not significant.

6.4 Rock chip sampling around the old mine dumps at the Volunteer confirms the existence of low-grade material which ranges in grade from 0.2 g/t to 3.2 g/t. Drilling would be required to prove whether such material exists in sufficient quantities to make a viable deposit.

7.0 PROPOSED EXPLORATION PROGRAMME

The following work programme is recommended for the next 12 months:-

7.1 Follow-up soil sampling

- Volunteer-Land O'Cakes Anomaly (20m spaced samples along lines 50m apart)
- New Waverley-Land O'Cakes reef (define possible drill target on small jog on Land O'Cakes shear)
- Pinafore-Chum, Golden Era Anomalies etc
- Londonderry Anomaly (further N-S line)

7.2 Rock chip sampling

- Highway section, Volunteer
- Costeans at Specimen Hill, Waverley-Land O'Cakes

7.3 Drilling (air track, 5 fence lines of 10 holes to 20m)

- Pinafore-Chum (two fences)
- Volunteer-Land O'Cakes anomaly (three fences)

7.4 Stream sediment follow-up

- Upper tributaries of Back Creek (E of the Volunteer)
- Re-assay/re-sampling of stream sediments to explain lack of success with -80# mesh fraction. This is designed to bring the results of the -80# follow-up stream survey in line with the original BLEG survey, so that the two are comparable. Where this is not possible, re-sampling of selected in-fill sites is recommended.

8.0 REFERENCES & BIBLIOGRAPHY

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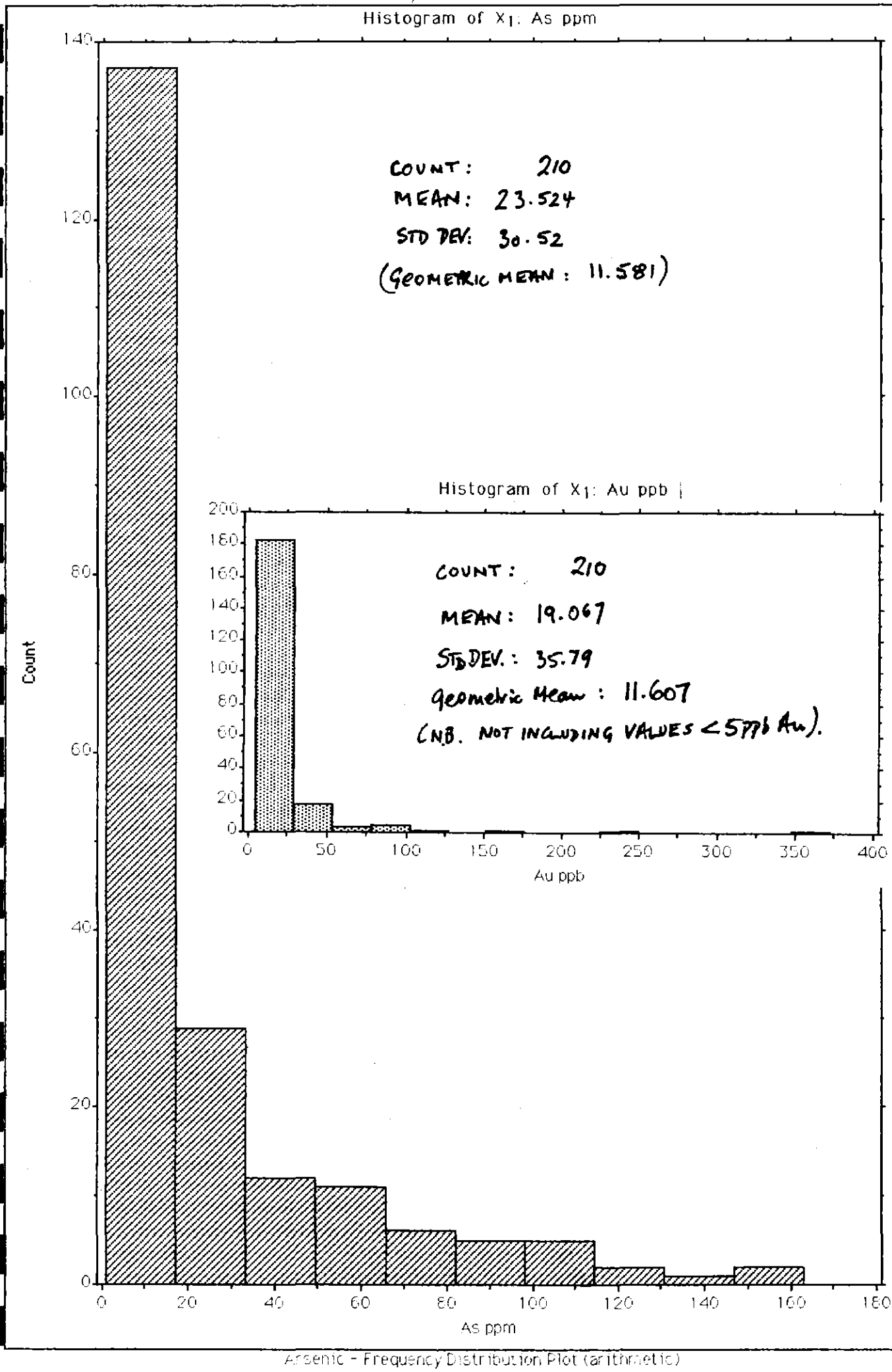
APPENDIX 1

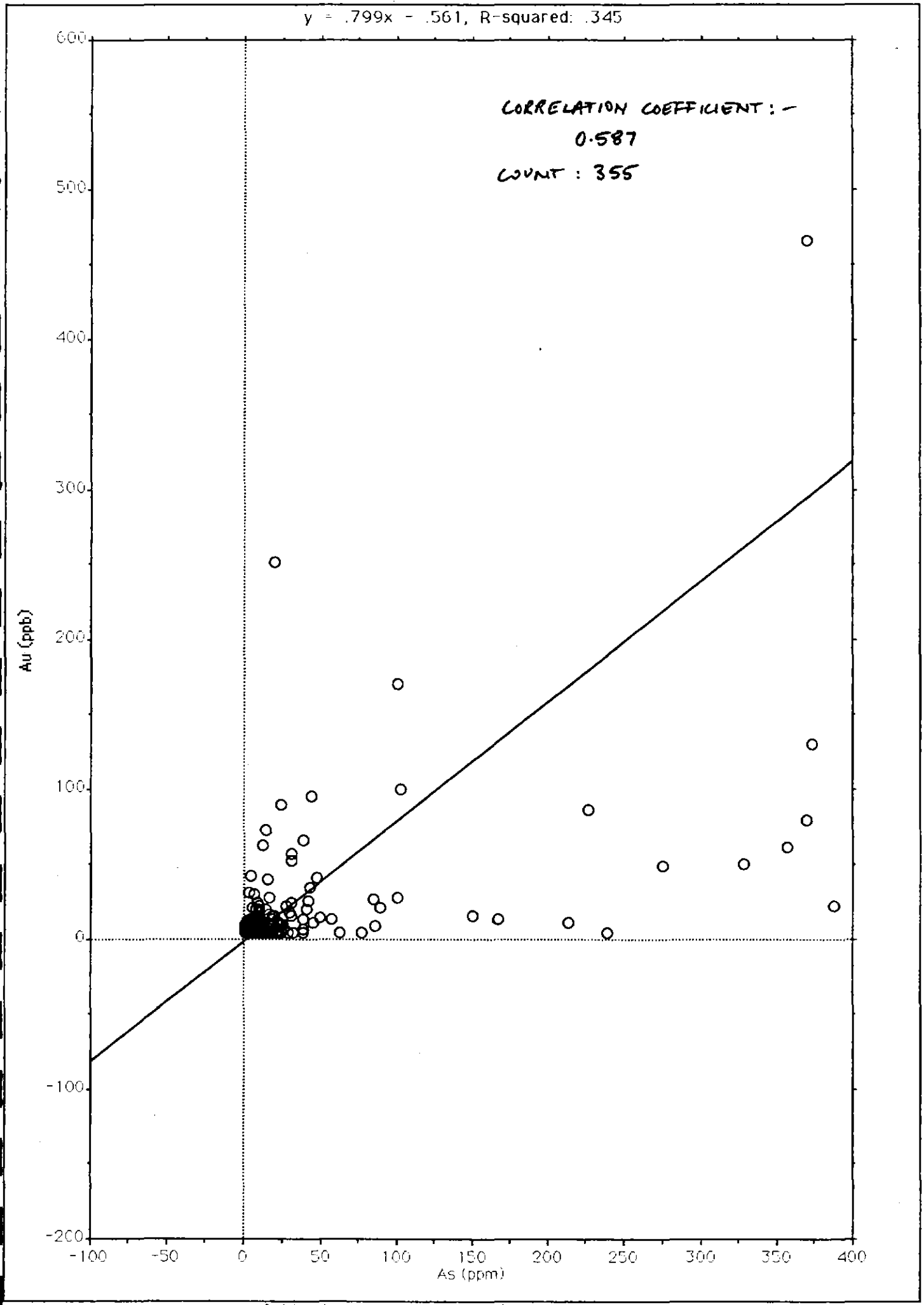
Statistical data from soil samples



Arsenic - Frequency Distribution Plot (arithmetic)

Appendix 1

Lefroy Soils - Northern

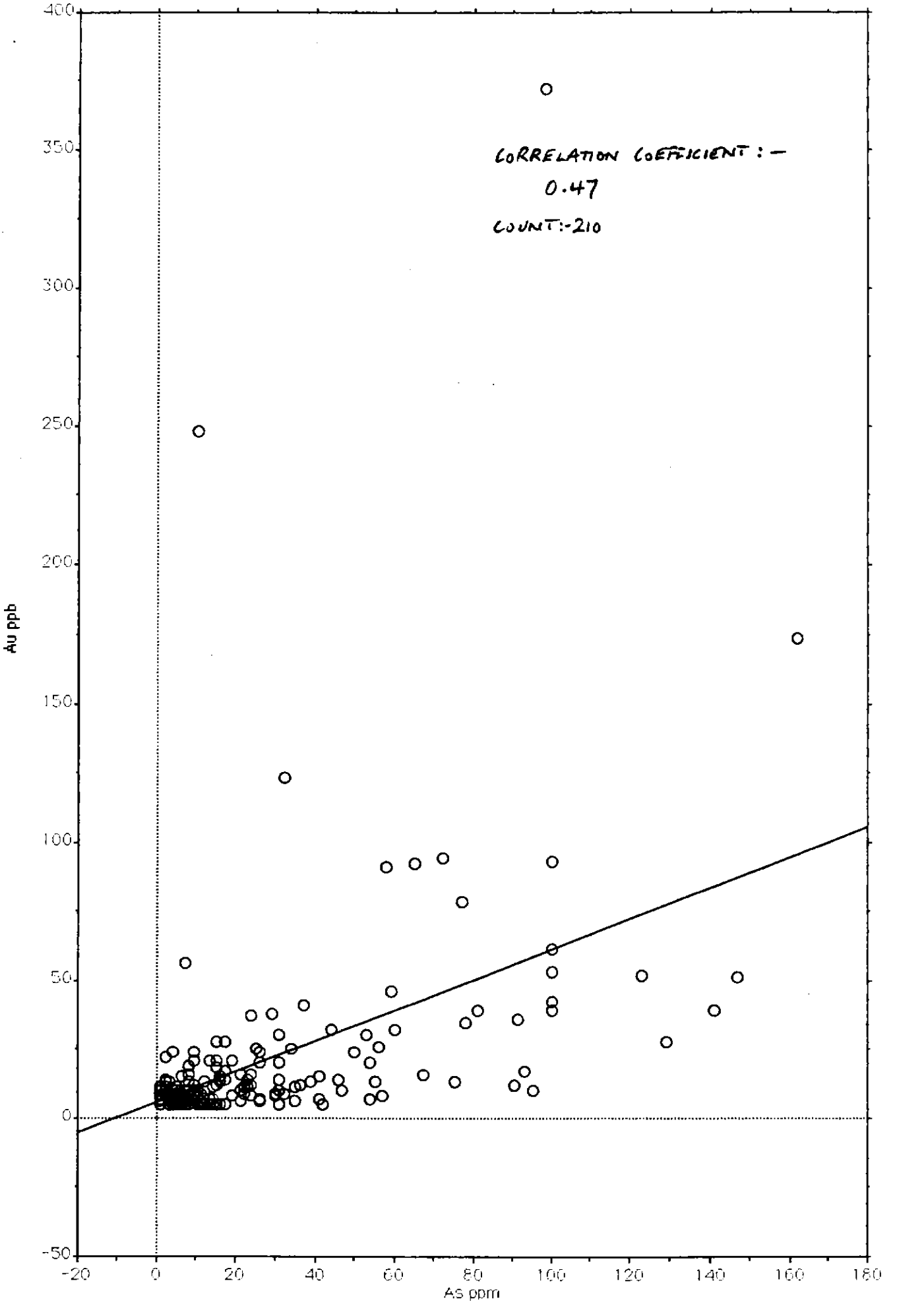


Gold and Arsenic - correlation & regression diagram

Appendix 1

Lefroy Soils - Southern

y = .551x + 6.112, R-squared: .22



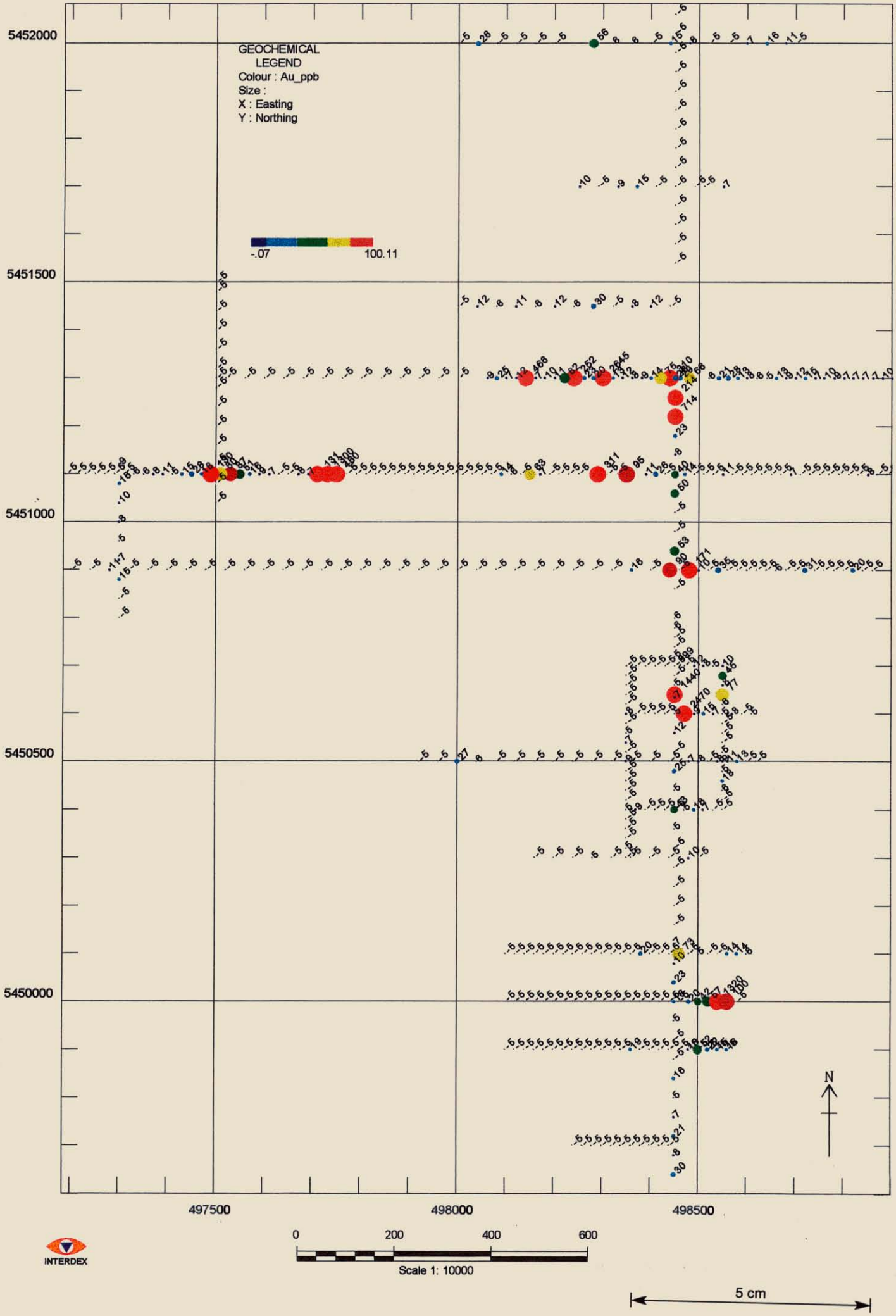
Gold and Arsenic - correlation & regression diagram

N.B. NOT INCLUDING VALUES < 5 ppb Au

Appendix I

APPENDIX 2

Colour plots of the soil sample data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Y : Northing
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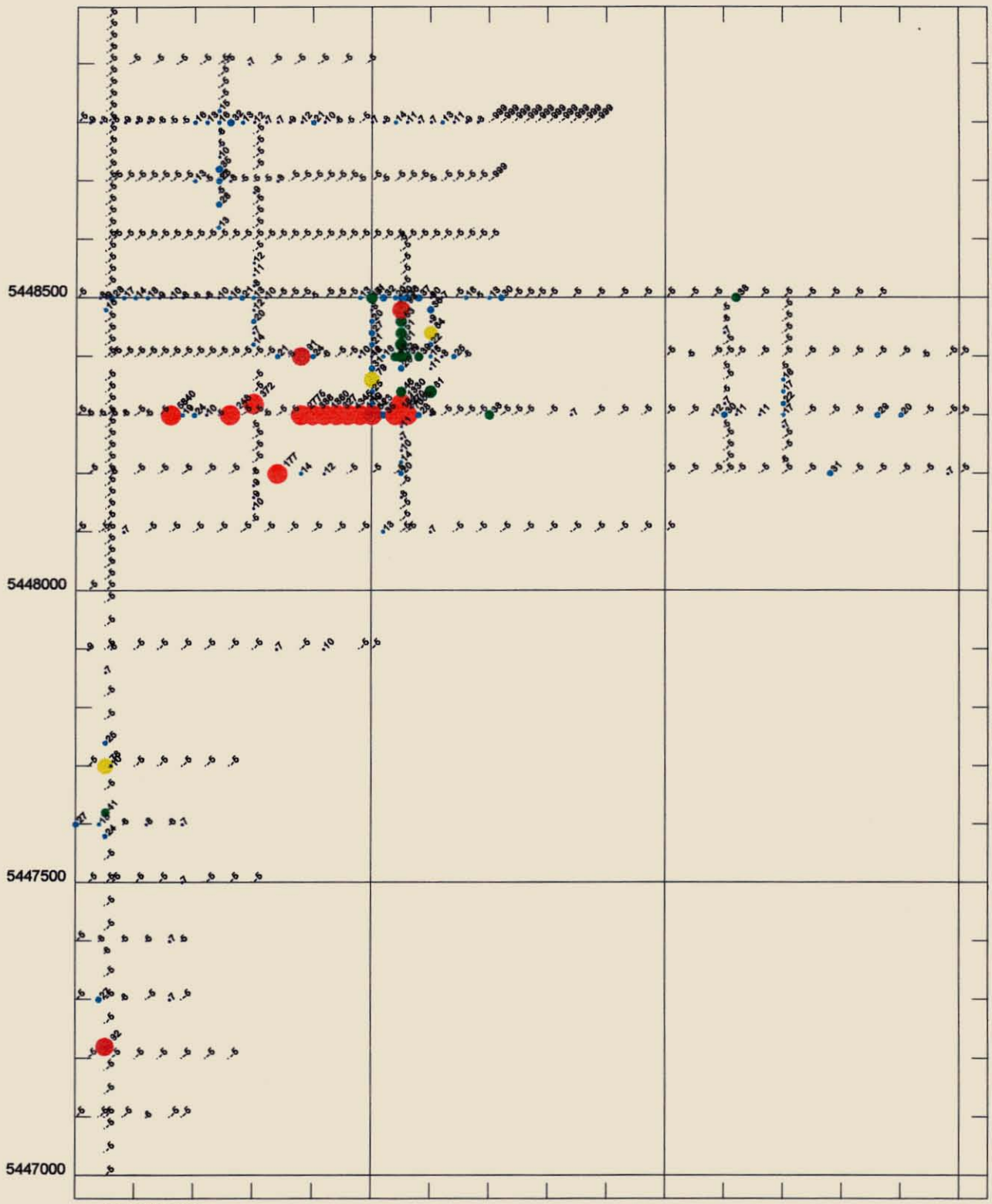
5450000
497500
498000
498500
N
0
200
400
600
Scale 1: 10000
INTERDEX
5 cm



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Size :
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Y : Northing

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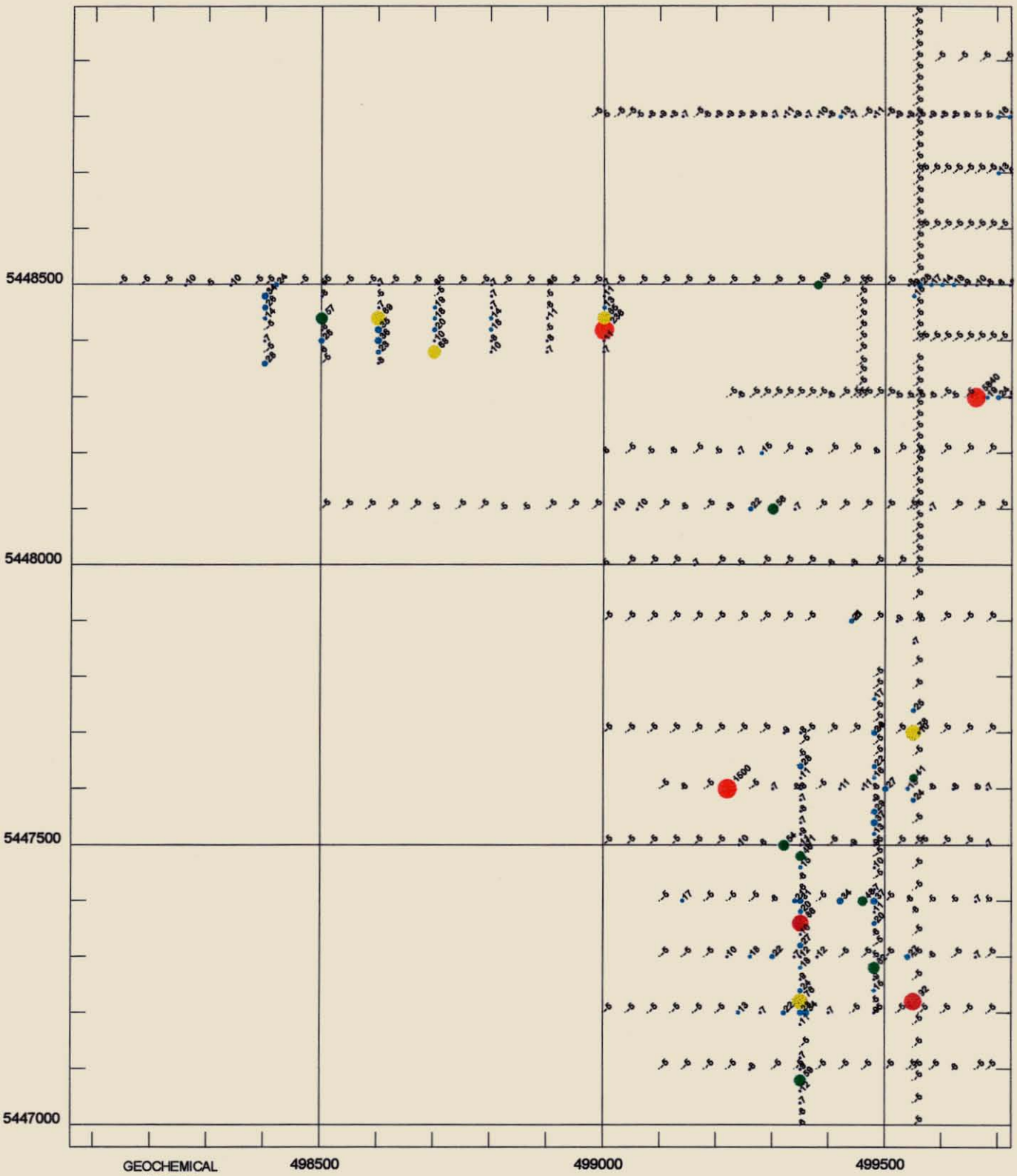
Scale 1: 10000

N

INTERDEX

5 cm

336057



GEOCHEMICAL
LEGEND
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Size :
X : Easting
Y : Northing

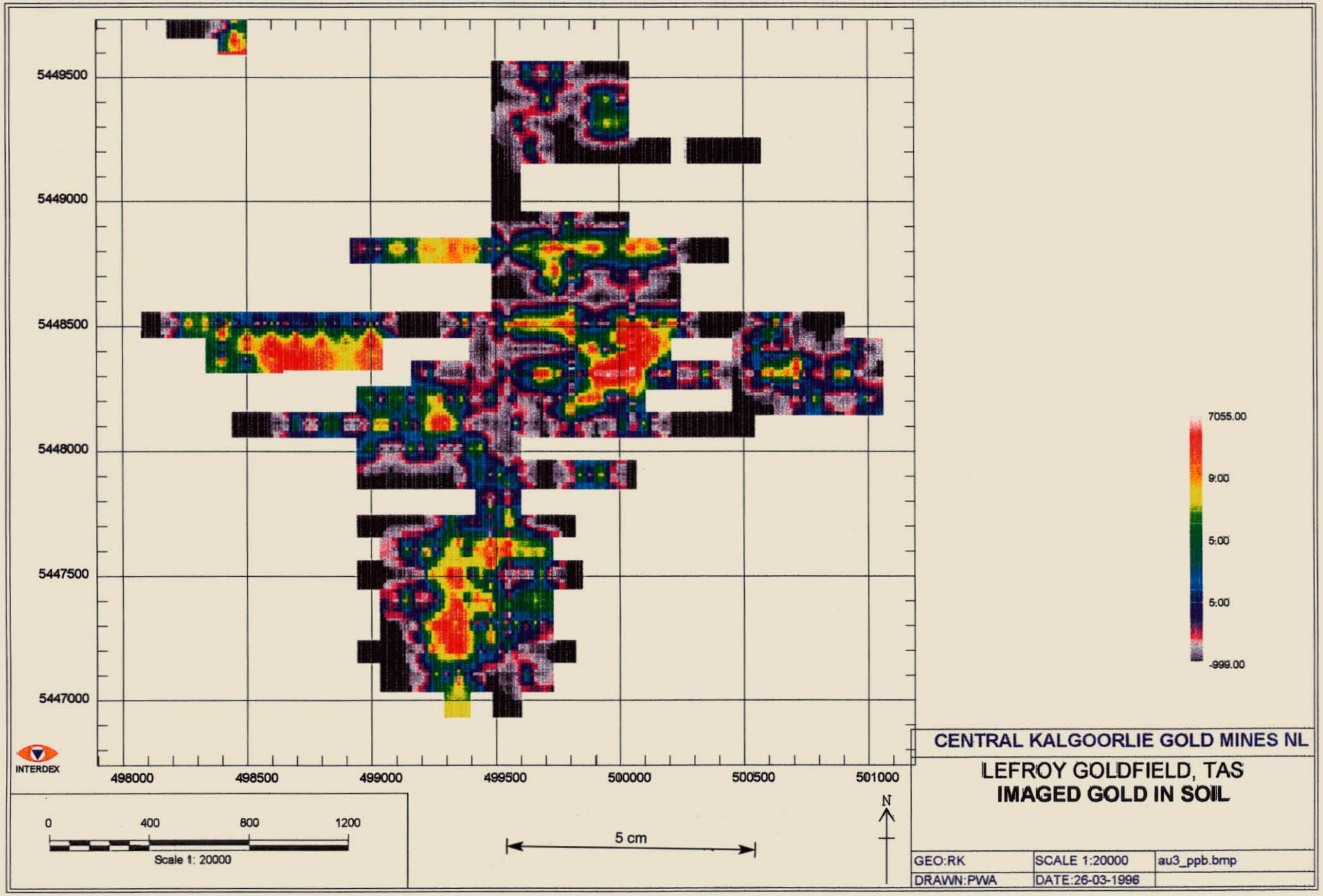
5 cm

N

-.07 100.11

0 200 400 600
Scale 1: 10000

INTERDEX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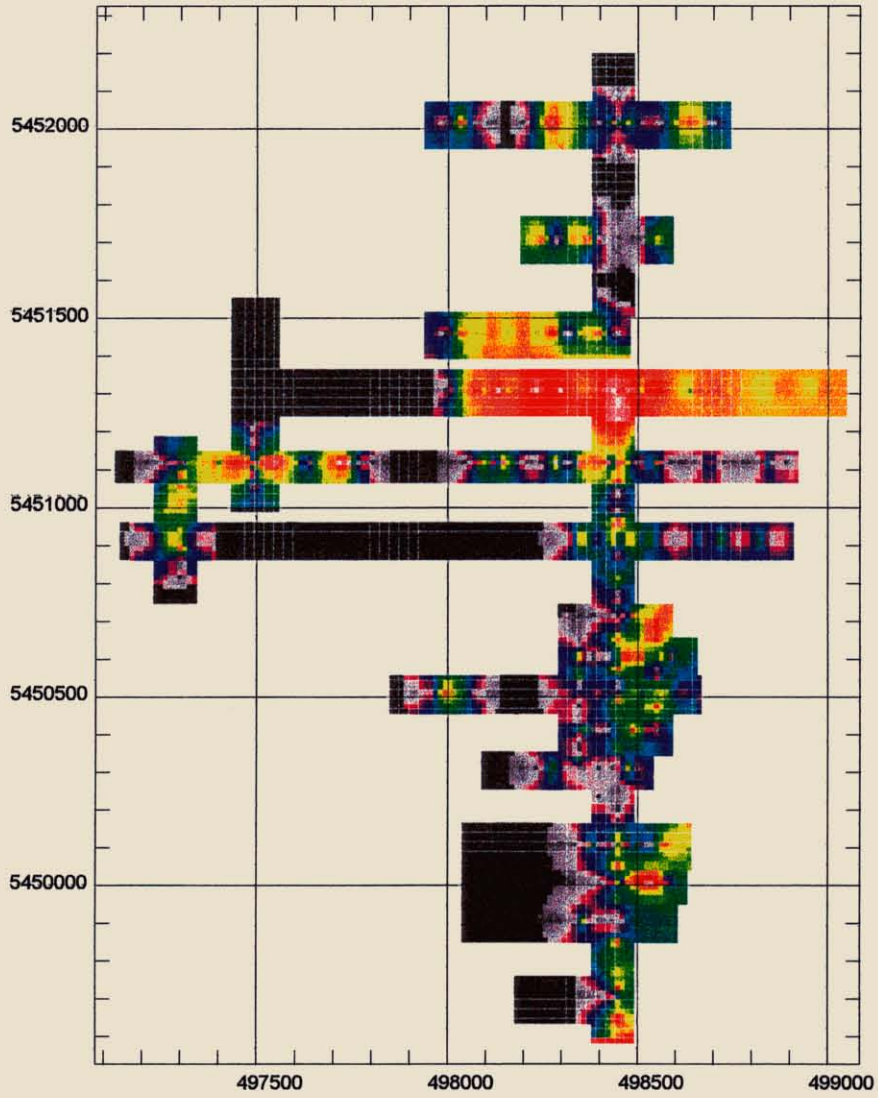
9:00
5:00
5:00
-999.00
INTERDEX
0
400
800
1200
Scale 1: 20000
5 cm
N
CENTRAL KALGOORLIE GOLD MINES NL
LEFROY GOLDFIELD, TAS
IMAGED GOLD IN SOIL
GEO:RK
SCALE 1:20000
au3_ppb.bmp
DRAWN:PWA
DATE:26-03-1996



5 cm

N

INTERDEX

0 400 800 1200

Scale 1: 20000

CENTRAL KALGOORLIE GOLD MINES NL

LEFROY GOLDFIELD, TAS

IMAGED GOLD IN SOIL

GEO:RK	SCALE 1:20000	au2_ppb.bmp
DRAWN:PWA	DATE:26-03-1996	

APPENDIX 3

Tabulated soil sample data

UniqNo	SampleNo	Au (ppb)	As (ppm)	Easting	Northing	Soil type	Comments
410	210294	<5	5	500200	5448700	B;grey/tan	Good,20"depth,on low valley floor
411	210295	<5	4	500180	5448700	B;tan/grey	Good
412	210296	<5	4	500160	5448700	B;tan/grey	Good
413	210297	<5	3	500140	5448700	B;grey/tan	Good
414	210298	<5	4	500120	5448700	B;grey/tan	Good
415	210299	5	6	500100	5448700	B;tan	Good
416	210300	<5	4	500080	5448700	B;tan	Good
417	210301	<5	4	500060	5448700	B;tan	Good
418	210302	<5	5	500040	5448700	B;tan/grey	Good
419	210303	5	6	500020	5448700	B;tan/grey	Good
420	210304	<5	8	500000	5448700	B;tan/grey	Good
421	210305	5	8	499980	5448700	B;tan	Good,sst rock chips
422	210306	<5	5	499960	5448700	B;tan/grey	Good,20",below qtz gravel sheet
423	210307	<5	7	499940	5448700	B;grey/tan	Good
424	210308	<5	5	499920	5448700	B;grey/tan	Good,6%qtz
425	210309	<5	3	499900	5448700	B;grey/tan	Good,4%qtz
426	210310	<5	4	499880	5448700	B;tan	Good
427	210311	<5	8	499860	5448700	B;tan	Good,Fe-rich rock chips,ground disturbed
428	210312	8	7	499840	5448700	B-C;tan/grey	Good,sst/slst o/c,10"depth
429	210313	5	15	499820	5448700	B;tan	Good
430	210314	5	4	499800	5448700	B;grey	Reasonable,thick organic layer
431	210315	5	17	499780	5448700	B;tan/grey	Good,old diggings east of sample
432	210316	6	19	499760	5448700	B;grey/tan	Good,small shaft nearby
433	210317	28	15	499740	5448700	B;tan/grey	Good,at end of major waste dump
434	210318	5	12	499720	5448700	B;grey/tan	Reasonable,near waste dump of Reward shaft
435	210319	13	16	499700	5448700	B;tan	Good, on track bank
436	210320	<5	11	499680	5448700	B;tan	Good,nr costean &major old works
437	210321	<5	11	499660	5448700	B;tan	Good
438	210322	<5	10	499640	5448700	B-C;tan	Good,badly disturbed ground
439	210323	<5	18	499620	5448700	B-C;tan	Good,badly disturbed ground
440	210324	<5	10	499600	5448700	B;tan	Good,area disturbed
441	210325	<5	15	499580	5448700	B;tan	Good
442	210326	<5	12	499560	5448700	B;tan	Good, from trench wall, area disturbed

48800N

335062

Uniq No	Sample No	Au ppb	As ppm	Easting	Northing	Soil Type	Comments
1	P407001	<5	1	498980	5448800	B;tan/grey;<1%qtz	Trench next to sample
2	P407002	5	1	499000	5448800	B;grey/tan/brown;14"no qtz	Good-fair,on creek valley
3	P407003	<5	1	499020	5448800	B;tan/grey;<1%qtz	Fair,sandstone float/scree
4	P407004	<5	2	499040	5448800	B;tan/grey;<1%qtz	Sst scree & float
5	P407005	5	4	499060	5448800	B;tan/grey;<1%qtz	Good sample on ridge;sh/-sh-green/grey
6	P407006	8	6	499080	5448800	B;tan;5%qtz	Good,trench 10mW, N-S access track on ridge top
7	P407007	9	2	499100	5448800	B;grey/brown;8%qtz	Slst/sh scree & chips
8	P407008	8	2	499120	5448800	B;grey/tan;1%qtz	Good,stream valley
9	P407009	7	4	499140	5448800	B;grey/tan;4%qtz	Fair,16",between two streams
10	P407010	<5	3	499160	5448800	B;tan/grey;<1%qtz	Good,creek 4m east
11	P407011	6	3	499180	5448800	B;tan/grey;<1%	Good
12	P407012	9	3	499200	5448800	B;tan/brown,2%qtz	Good
13	P407013	9	5	499220	5448800	B;tan/brown/grey;5%qtz	Good
14	P407014	8	8	499240	5448800	B;tan/brown;5%qtz	Good sample & ground
15	P407015	8	10	499260	5448800	B;tan;2%qtz	Good
16	P407016	6	6	499280	5448800	B;tan/brown;1%qtz	Good
17	P407017	7	3	499300	5448800	B;tan/grey/brown;5%qtz	Good
18	P407018	11	2	499320	5448800	B;tan/grey/brown;1%qtz	Good
19	P407019	6	3	499340	5448800	B;grey/tan/brown;5%qtz	Some overburden,creek valley,creek 10mE
20	P407020	7	3	499360	5448800	B;grey/tan;1%qtz	Good,some overburden in creek valley
21	P407021	10	4	499380	5448800	B;tan/grey/brown;5%qtz	Good, minor ground disturbance
22	P407022	8	5	499400	5448800	B;tan/grey/brown;5%qtz	Good,minor ground disturbance
23	P407023	13	2	499420	5448800	B;tan/grey/brown;20%qtz	Good, minor ground disturbance
24	P407024	7	4	499440	5448800	B;tan;5%qtz	Good, minor disturbance
25	P407025	<5	6	499460	5448800	B;tan;<1%qtz	Good
26	P407026	11	5	499480	5448800	B;tan;<1%qtz	Good, small shaft 20m up hill
27	P407027	<5	7	499500	5448800	B;tan/brown;2%fineqtz	Good
28	P407028	9	9	499520	5448800	B;tan/brown;10%qtz	Good
29	P407029	8	8	499540	5448800	B;tan;2%fineqtz	Good
30	P407030	8	4	499560	5448800	B;tan/brown,20%fine qtz	Good
31	P407031	9	5	499580	5448800	B;tan,5%qtz	Good
32	P407032	8	2	499600	5448800	?60-70%qtz	Quartz lode, disturbed ground
33	P407033	8	5	499620	5448800	B;tan/grey	Good
34	P407034	6	6	499640	5448800	B, tan;grey,1%qtz	Good
35	P407035	5	7	499660	5448800	B;tan/grey,8%qtz	Good
36	P407036	5	7	499680	5448800	B;tan,1%qtz	Good
37	P407037	16	8	499700	5448800	B;tan;grey,<1%qtz	Good
38	P407038	13	2	499720	5448800	B?;tan	Taken on trench wall,ground disturbed,old diggings
39	P407039	16	21	499740	5448800	B;tan/grey	Good, disturbed ground
40	P407040	32	44	499760	5448800	B;tan/grey,1%qtz	Good,16"depth,old trenches nearby
41	P407041	13	16	499780	5448800	B;tan;grey,10%qtz	Good,16"depth,slight overburden
42	P407042	12	23	499800	5448800	B;tan/grey,5%qtz	Good,16"depth,slight overburden,valley
43	P407043	7	7	499820	5448800	B;tan/grey,2%qtz	Good
44	P407044	7	7	499840	5448800	B;tan,5%qtz	Good,10cm
45	P407045	9	11	499860	5448800	B;tan,no qtz	Good
46	P407046	12	9	499880	5448800	B;tan/grey,4%qtz	Good
47	P407047	21	9	499900	5448800	B;tan/grey,2%qtz	Good
48	P407048	10	7	499920	5448800	B;tan/grey,6%qtz	Good, minor ground contamination
49	P407049	6	6	499940	5448800	B;tan/grey,3%qtz	Good, minor ground disturbance
50	P407050	5	3	499960	5448800	B;tan/grey 2%qtz	Good
51	P407051	<5	2	499980	5448800	B;tan/grey,5%qtz	Good, ground slightly disturbed
52	P407052	7	5	500000	5448800	B;tan/grey,5%qtz	Good,ground slightly disturbed
53	P407053	8	2	500020	5448800	B;tan,2%qtz	Good
54	P407054	14	2	500040	5448800	B;tan/grey,2%qtz	Good,small trench 5m E
55	P407055	11	1	500060	5448800	B;tan,4%qtz	Good
56	P407056	7	1	500080	5448800	B;tan/grey,5-8%qtz	Good
57	P407057	7	3	500100	5448800	B;tan/grey,10%qtz	Good
58	P407058	13	3	500120	5448800	B;tan/grey,5%qtz	Good
59	P407059	11	5	500140	5448800	B;tan/grey,2%qtz	Good
60	P407060	9	2	500160	5448800	B;tan/grey,2%qtz	Good,14"depth
61	P407061	8	2	500180	5448800	B;tan/grey,2%qtz	Good
62	P407062			500200	5448800	(B);grey/tan,5%qtz	Poor,20"depth, mostly alluvial sand,thick layer veg & humus
63	P407063			500220	5448800	Grey Alluvial sands	Poor,20"depth
64	P407064			500240	5448800	Grey alluvial sands	Poor
65	P407065			500260	5448800	Grey alluvial sands	Poor,20"depth
66	P407066			500280	5448800	Grey alluvial sands	Poor, near creek
67	P407067			500300	5448800	B;tan/grey,2%qtz	Good to fair, between two creeks,ground disturbed slightly
68	P407068			500320	5448800	B;tan/grey,2%qtz	Fair,sitting on top of lode
69	P407069			500340	5448800	(B);tan/grey,<1%qtz	Disturbed ground,sample 10m E on creek bank
70	P407070			500360	5448800	Grey alluvial sands	Poor,20"depth
71	P407071			500380	5448800	Alluvial gravels	Qtz rich gravels

48500N

465	210349	<5	15	500260	5448500	B:grey/tan	Good
466	210350	<5	13	500280	5448500	B:grey	Poor,25"depth and orgasnic material
467	210351	<5	12	500300	5448500	B:grey	Reasonable flat valley floor, disturbed
1440	213218	<5		500340	5448500	B:tan	Good,old workings,N of creek and Hwy
1441	213219	<5		500380	5448500	B:tan	Good,poss contaminated
1442	213220	<5		500420	5448500	B:tan	Good,S side of Hwy
1443	213221	<5		500460	5448500	B:tan	Good, nr main road
1444	213222	<5		500500	5448500	B:tan	Good, nr main road
1445	213223	<5		500540	5448500	B:tan	Good,on old track
1446	213224	<5		500580	5448500	B:tan	Good,20%qtz,nr old track
1447	213225	38		500620	5448500	B:tan	Good,20%qtz,nr old track
1448	213226	<5		500660	5448500	B:tan	Good
1449	213227	<5		500700	5448500	B:tan	Good
1450	213228	<5		500740	5448500	B:grey/tan	Poor,possibly junction of two tracks
1451	213229	<5		500780	5448500	B:tan	Good,edge of cleared land
1452	213230	<5		500820	5448500	A:grey	Reasonable not able to get through qtz
1453	213231	<5		500860	5448500	A:grey	Poss contaminated,side of hwy

4600N

Uniq No	Sample No	Au ppb	As ppm	Easting	Northing	Type	Comment
492	210376	<5	8	499560	5448600	B;grey	Good,old working nr to Q's Birthday Reef
493	210377	<5	3	499580	5448600	B;grey/tan	Good
494	210378	<5	2	499600	5448600	B;grey	Poor,mainly qtz gravel,20"depth, could not get through
495	210379	<5	6	499620	5448600	B;grey/tan	Reasonable,ground heavily disturbed by old workings,nr big shaft
496	210380	<5	14	499640	5448600	B;tan	Good,from cut bank(poss drill pad)old workings,major shaft Q's B/day
497	210381	<5	47	499660	5448600	B;tan	Poss contam,from trench wall,massive old workings
498	210382	<5	15	499680	5448600	B;tan	Good,major shaft 25 m N
499	210383	<5	13	499700	5448600	B;tan	Good,shafts 30m to NE, costean
500	210384	<5	16	499720	5448600	B;tan	Good,ground disturbed
501	210385	<5	23	499740	5448600	B;tan	Good, from old trench wall
502	210386	<5	8	499760	5448600	B;tan	Good,ground disturbed
503	210387	<5	6	499780	5448600	B;grey/tan	Reasonable, area disturbed
504	210388	<5	5	499800	5448600	B-C;tan	Good,rock chips close to surface,o/c
505	210389	<5	2	499820	5448600	B;grey/tan	Good,old workings and shaft nearby
506	210390	<5	6	499840	5448600	B;tan	Good,ground disturbed by old workings
507	210391	<5	9	499860	5448600	B;tan	Good,ground disturbed
508	210392	<5	17	499880	5448600	B;tan	Good,ground disturbed
509	210393	<5	8	499900	5448600	B;tan	Good
510	210394	<5	7	499920	5448600	B;tan	Good
511	210395	<5	6	499940	5448600	B;tan	Good
512	210396	<5	5	499960	5448600	B;tan	Good
513	210397	<5	6	499980	5448600	B;tan/grey	Good
514	210398	<5	4	500000	5448600	B;tan/grey	Good
515	210399	<5	6	500020	5448600	B;grey/tan	Good,20"depth
516	210400	<5	7	500040	5448600	B;tan	Good
517	210401	<5	5	500060	5448600	B;tan	Good
518	210402	<5	10	500080	5448600	B;tan	Good
519	210403	<5	8	500100	5448600	B;tan	Good
520	210404	<5	8	500120	5448600	B;tan	Good,old workings nearby
521	210405	<5	4	500140	5448600	B;tan	Good
522	210406	<5	7	500160	5448600	B;tan	Good
523	210407	<5	4	500180	5448600	B;grey/tan	Good
524	210408	<5	5	500200	5448600	B;grey/tan	Good,20"depth

48400N

Uniq No	Sample No	Au ppb	As ppm	Easting	Northing	Soil Type	Comments
525	210409	<5	12	499560	5448400	B;tan	Good,ground disturbed
526	210410	<5	10	499580	5448400	B;tan	Good,from old trench wall
527	210411	<5	8	499600	5448400	B;tan	Good,from old trench wall
528	210412	<5	15	499620	5448400	B;tan	Good,from Hwy bank
529	210413	<5	11	499640	5448400	B;tan	Good,ground disturbed
530	210414	<5	9	499660	5448400	B;tan	Good
531	210415	<5	12	499680	5448400	B;tan	Good,from trench wall
532	210416	<5	19	499700	5448400	B-C;tan	Good,from trench wall,nr o/c
533	210417	<5	21	499720	5448400	B;tan	Good,from old trench wall,ground disturbed
534	210418	<5	14	499740	5448400	B;tan/grey	Good,trench wall,ground disturbed
535	210419	<5	18	499760	5448400	B;tan	Good,trench wall
536	210420	<5	12	499780	5448400	B;grey/tan	Good
537	210421	<5	13	499800	5448400	B;tan	Good,from trench wall
538	210422	<5	26	499820	5448400	B;tan	Good
539	210423	21	19	499840	5448400	B;tan	Good
540	210424	6	9	499860	5448400	B;tan	Good
541	210425	91	58	499880	5448400	B;tan	Good, some qtz pebbles
542	210426	24	50	499900	5448400	B;tan	Good, some ground disturbance
543	210427	6	26	499920	5448400	B;grey/tan	Poor,transported due to ground disturbance
544	210428	<5	16	499940	5448400	B;grey	Poor,qtz gravel sheet, 20"depth
545	210429	<5	85	499960	5448400	B;grey/tan	Reasonable,10%qtz
546	210430	10	95	499980	5448400	B;tan	Good
547	210431	<5	64	500000	5448400	B;tan	Good
548	210432	16	67	500020	5448400	B;tan	Good
549	210433	42	100	500040	5448400	B;tan	Good
550	210434	39	81	500060	5448400	B;tan	Good
551	210435	39	141	500080	5448400	B;tan/grey	Good
552	210436	13	55	500100	5448400	B;tan/grey	Good
553	210437	8	57	500120	5448400	B;tan/grey	Good,10m W of creek
554	210438	25	25	500140	5448400	B;tan/grey	Poor,close to Hwy,poss transported
555	210439	6	35	500160	5448400	B;grey	Poor,transported close to main road
1541	213326	<5		500500	5448400	B;tan	Good
1542	213327	5		500540	5448400	B;tan	Good
1543	213328	<5		500580	5448400	B;tan	Good
1544	213329	<5		500620	5448400	B;tan	Good
1545	213330	<5		500660	5448400	B;tan	Good
	213331	<5		500700	5448400		
1546	213332	<5		500740	5448400	B;tan	Good,10m W of paddock
1547	213333	<5		500780	5448400	B;tan	Good,auger to 0.7m
1548	213334	<5		500820	5448400	B;tan	Good, auger to 1.0m
1549	213335	<5		500860	5448400	B;tan	Good, auger to 1.0m
1550	213336	<5		500900	5448400	B;tan	Good, auger to 1.0m
1551	213337	5		500940	5448400	B;tan	V. good,auger to 1.0
1552	213338	<5		500980	5448400	B;tan	Good,white clays at base,auger to 1.0m
1553	213339	<5		501000	5448400	B;tan/grey	Good, white clays,auger to 1.0m

Uniq No.	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil type	Comments
119	210001	8	1	499540	5448500	B;grey	Good,5%qtz, some ground disturbance
120	210002	28	17	499560	5448500	B;tan/grey	Good,6"depth
121	210003	17	17	499580	5448500	B;tan/grey	Good,6"depth
122	210004	14	17	499600	5448500	B;tan	Good,6"depth,some ground disturbance
123	210005	18	15	499620	5448500	B;tan/grey	Good,some ground disturbance
124	210006	9	11	499640	5448500	B;grey/tan	Good,5%qtz,some ground disturbance
125	210007	10	10	499660	5448500	B;grey/tan	Good,2%qtz,old trenches nearby
126	210006	8	7	499680	5448500	B;grey/tan	Good,5%qtz,trenching
127	210009	6	5	499700	5448500	B;grey/tan	Good,2%qtz,ground disturbed
128	210010	8	4	499720	5448500	B;grey/tan	Good,15%qtz,trench wall,20m N of Specimen Hill shaft
129	210011	10	10	499740	5448500	B;tan/grey	Good,20%qtz,trench wall,shaft 20m S
130	210012	15	6	499760	5448500	B;tan/grey	Good,wall of trench,large shaft 25m SE
131	210013	21	15	499780	5448500	B;tan/grey	Good,2%qtz,trench wall,heavily disturbed ground,shafts
132	210014	13	12	499800	5448500	B;tan/grey	Good,trench wall,mounds,trenching
133	210018	<5	10	498140	5448500	B;tan/grey	Good,4-6"
134	210019	<5	5	498180	5448500	B;tan/grey	Good,10%qtz
135	210020	<5	8	498220	5448500	B-C;tan/grey	Good,siltstone chips nr surface
136	210021	10	2	498260	5448500	B;tan/grey	Good,old shaft,ground disturbed
137	210022	5	31	498300	5448500	B;grey/black	Poor,20"depth,fine black sands
138	210023	10	31	498340	5448500	B;Grey/tan	Good,10%qtz
139	210024	<5	18	498380	5448500	B;tan/grey	Good
140	210025	24	26	498420	5448500	B;tan/grey	Good,15%qtz
141	210026	<5	65	498460	5448500	B;tan/grey	Good,some disturbed ground,old shafts
141	210027	<5	6	498500	5448500	B;tan/grey	Good,5%qtz,some disturbed ground
142	210028	<5	6	498540	5448500	B;grey/tan	Good,10%qtz,some ground disturbance
143	210029	<5	7	498580	5448500	B;grey/tan	Good,some ground disturbance
144	210030	<5	5	498620	5448500	B-C;tan/grey	Good,nr o/c,sst scree
145	210031	<5	8	498660	5448500	B;grey	Good,disturbed ground
146	210032	<5	3	498700	5448500	B;grey	Good,disturbed ground,nr creek
147	210033	<5	4	498740	5448500	B;grey/tan	Good
148	210034	<5	5	498780	5448500	B;grey	Good,20"depth,shaft 30m S
149	210035	<5	6	498820	5448500	B;grey	Good,20"depth
150	210036	<5	5	498860	5448500	B;grey/tan	Good,some ground disturbance
151	210037	<5	8	498900	5448500	B;grey	Good,disturbed by logging
152	210038	<5	5	498940	5448500	B;grey	Good,disturbed by logging
153	210039	<5	3	498980	5448500	B;grey	Good,10%qtz,disturbed by logging
154	210040	<5	6	499020	5448500	B;grey	Good,logging & old digging
155	210041	<5	6	499060	5448500	B;grey	Good, as above
156	210042	<5	6	499100	5448500	B;grey	Good,5%qtz
157	210043	<5	6	499140	5448500	B;grey/tan	Good,5m N of peg
158	210044	<5	3	499180	5448500	B;grey/tan	Good,5%qtz,old trenches
159	210045	<5	2	499220	5448500	B;grey	Reasonable,rock chip float on surface
160	210046	<5	6	499260	5448500	B;grey/tan	Good,trenches
161	210047	<5	5	499300	5448500	B;grey	Good,5%qtz,old workings disturbed ground
162	210048	<5	7	499340	5448500	B;grey/tan	Good,trench 10m uphill
163	210049	39	100	499380	5448500	B;grey/tan	Good,shafts,trenches
164	210050	<5	8	499420	5448500	B-C;grey	Poor, contaminated & badly disturbed by workings
165	210051	<5	31	499460	5448500	B;grey/tan	Reasonable,5%qtz,just below main track
166	210052	<5	7	499500	5448500	B-C;grey/tan	Reasonable,25%qtz,on trench bank nr track
443	210327	10	10	499820	5448500	B;grey/tan	Reasonable,area badly disturbed
444	210328	<5	3	499840	5448500	B;grey	Poor,20"depth,thick organic cover
445	210329	<5	12	499860	5448500	B;grey/tan	Good,ground disturbed
446	210330	<5	10	499880	5448500	B-C;grey/tan	Good,rock chip o/c,ground disturbed
447	210331	5	42	499900	5448500	B;grey/tan	Good,area disturbed
448	210332	<5	14	499920	5448500	B;grey/tan	Good,ground disturbed
449	210333	<5	13	499940	5448500	B;tan/grey	Good,ground disturbed
450	210334	<5	6	499960	5448500	B;grey/tan	Good
451	210335	13	39	499980	5448500	B;grey	5%qtz,5m S of peg, south of creek
452	210336	14	46	500000	5448500	B;grey/tan	Reasonable,ground badly disturbed,10%qtz,south of creek
453	210337	32	60	500020	5448500	B;grey/tan	Good,ground disturbed by old workings
454	210338	20	54	500040	5448500	B;grey	Reasonable,ground disturbed
455	210339	36	91	500060	5448500	B;tan	Good,5m S of peg
456	210340	37	24	500080	5448500	B;tan	Good,5m S of peg
457	210341	10	47	500100	5448500	B;grey/tan	Good,ground disturbed
458	210342	7	41	500120	5448500	B;grey/tan	Good,20"depth
459	210343	<5	21	500140	5448500	B;grey/tan	Good
460	210344	16	24	500160	5448500	B?;grey	Poor,transported material
461	210345	5	16	500180	5448500	B;grey	Reasonable,20"depth below organic material
462	210346	13	75	500200	5448500	B;grey	Poor,25" organic layer
463	210347	30	31	500220	5448500	B;grey/tan	Good,on creek bank
464	210348	<5	21	500240	5448500	B;grey/tan	Good,on creek bank, 5m E of peg

48200N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
937	210823	6	7	499000	5448200	B;tan	Good
938	210824	<5	4	499040	5448200	B;tan	Good
939	210825	5	5	499080	5448200	B;tan	Good
940	210826	6	7	499120	5448200	B;tan	Good
941	210827	<5	6	499160	5448200	B;tan	Good
942	210828	5	6	499200	5448200	B;tan	Good
943	210829	7	6	499240	5448200	B;tan	Good from trench wall and trenches nearby
944	210830	15	16	499280	5448200	B;tan	Good
945	210831	<5	15	499320	5448200	B;tan	Good
946	210832	8	9	499360	5448200	B;tan	Good
947	210833	<5	6	499400	5448200	B;tan	Good on track side wall
948	210834	<5	11	499440	5448200	B;tan	Good
949	210835	6	9	499480	5448200	B;tan	Good
950	210836	<5	4	499520	5448200	B;tan	Good
951	210837	6	5	499560	5448200	B;tan	Good
952	210838	<5	6	499600	5448200	B;tan	Good
953	210839	<5	<1	499640	5548200	B;tan	Good
954	210840	<5	<1	499680	5448200	B;tan	Good
955	210841	<5	<1	499720	5448200	B;tan	Good,10m S of peg,West Volunteer
956	210842	<5	15	499760	5448200	B;tan	V.good,ground disturbance
957	210843	5	16	499800	5448200	B;tan	Good,ground disturbance,
958	210844	177	622	499840	5448200		Volunteer shaft dump
959	210845	14	16	499880	5448200	B;tan	Reasonable, extensive workings
960	210846	12	15	499920	5448200	B;tan	Good,from costean wall
961	210847	<5	<1	499960	5448200	B;tan	Good
962	210848	<5	<1	500000	5448200	B;tan	Good,ground disturbed
965	210851	<5	17	500040	5448200	B;tan	Good
1421	213197	<5		500500	5448200	B;tan	Good,line does not connect with baseline
1422	213198	<5		500540	5448200	B;tan	Good
1423	213199	<5		500580	5448200	B;tan	Good
1424	213200	<5		500620	5448200	B;tan/grey	Reasonable,20%qtz
1425	213201	<5		500660	5448200	B;tan	Good
1426	213202	<5		500700	5448200	B;tan	Good
1427	213203	<5		500740	5448200	B;tan	Good
1428	213204	31		500780	5448200	B;grey/tan	Probably poor,could not get through qtz cover,in valley
1429	213205	<5		500820	5448200	B;tan/grey	Good, in valley
1430	213206	<5		500860	5448200	B;grey	Poor, 0.6m depth, mainly qtz
1431	213207	<5		500900	5448200	B;grey	Reasonable
1432	213208	<5		500940	5448200	B;tan	Good
1433	213209	7		500980	5448200	B;tan	Good
1434	213210	<5		501000	5448200	B;tan	Good

48300N

Uniq No.	Sample No.	Au (ppb)	As (ppm)	Easting	Northing	Soil Type/colour	Comments
167	210053	<5	4	499220	5448300	B;grey/tan	Good,15%qtz,on trench bank,old diggings
168	210054	6	3	499240	5448300	B;grey	Good,30%qtz,lode
169	210055	<5	2	499260	5448300	B-C;grey	Reasonable,20%qtz,lode,old diggings etc
170	210056	<5	8	499280	5448300	B-C?;tan	Poor,disturbed ground,Capt Shaft
171	210057	<5	12	499300	5448300		Capt mine dump
172	210058	<5	2	499320	5448300	B-C;tan/grey	Good,5m N
173	210059	<5	7	499340	5448300	B-C;tan	Good,10m S,nr Capt Shaft
174	210060	<5	5	499360	5448300	B;tan/grey	Good,some ground disturbance
175	210061	<5	4	499380	5448300	B;tan	Good,on ridge top nr track
176	210062	6	5	499400	5448300	B;tan	Good,2%qtz
177	210063	<5	3	499420	5448300	B-C;tan/grey	Good,from old trench bank wall,2%qtz
178	210064	<5	2	499440	5448300	B;grey	Reasonable,slight valley dense veg poss ground disturbance
179	210065	<5	1	499460	5448300	B-C;grey/dark	Poor,20"depth,sands on valley floor,v.dense low veg
180	210066	<5	3	499480	5448300	B;grey/tan	Good,5%qtz
181	210067	<5	2	499500	5448300	B;grey/tan	Good,some ground disturbance,2%qtz
182	210068	5	3	499520	5448300	B;grey/tan	Good,slight disturbence,1%qtz
183	210069	5	4	499540	5448300	B;tan	V good,8"depth
184	210070	5	3	499560	5448300	B;tan	V good,8"depth
185	210071	6	4	499580	5448300	B;tan	Good,from old trench walls
186	210072	<5	6	499600	5448300	B;tan	V good,old workings and shaft nearby
187	210073	5	4	499620	5448300	B;tan	Good,some ground disturbence
188	210074	<5	5	499640	5448300	B;tan	Good,Fe stain,siltst chips
189	210075	5840	2676	499660	5448300		Grey,old tailings dump
190	210076	19	8	499680	5448300	B-C?;tan	Reasonable,5m E,heavily disturbed
191	210077	24	9	499700	5448300	B-C;tan	Good,14"depth,heavily disturbed ground
192	210078	10	10	499720	5448300	B or C;tan/grey	Rock chips & heavily disturbed
193	210079	5	10	499740	5448300	B;tan	Reasonable,heavily disturbed,old plant
194	210080	248	10	499760	5448300	B-C;tan	Reasonable,edge of track,poss contamination
195	210081	<5	11	499780	5448300	B;tan	Good, heavily disturbed area
196	210082	<5	11	499800	5448300	B;tan	Good,heavily disturbed ground
197	210083	5	11	499820	5448300	B;tan	Good,N of creek
198	210084	<5	11	499840	5448300	B;grey/tan	Good,some ground disturbance
199	210085	<5	8	499860	5448300	B;grey/tan	Good,2%qtz,disturbed ground
200	210086	2775	572	499880	5448300	Fine sands	Poor,old tailings
201	210087	386	319	499900	5448300	Fine sands	Tailings
202	210088	1860	405	499920	5448300	Fine sands	Tailings
203	210089	327	877	499940	5448300	Fine sands	Tailings
204	210090	4345	2643	499960	5448300		Dump material
205	210091	174	162	499980	5448300	??,tan/grey	transported due to heavy disturbence
206	210092	123	32	500000	5448300	B;tan	Good,heavy ground disturbance
207	210093	35	78	500020	5448300	B;grey/tan	Reasonable,disturbed ground
208	210094	164	72	500040	5448300	B,grey/tan	Reasonable,activity nearby
209	210095	7055	3786	500060	5448300	Sands	Tailings
210	210096	28	129	500080	5448300	B;grey/tan	Good,from road cut wall,10m S of peg
211	210097	7	26	500100	5448300	B;tan	Good,road cut wall
212	210098	<5	12	500120	5448300	B;tan	Good
213	210099	<5	11	500140	5448300	B;tan	Good
214	210100	<5	7	500160	5448300	B;tan	Good
215	210101	<5	11	500180	5448300	B;tan	Good
216	210102	38	29	500200	5448300	B;tan	V.good
217	210103	<5	7	500220	5448300	B,tan	V.good
218	210104	<5	17	500240	5448300	B;tan	V.good
219	210105	<5	3	500260	5448300	B,grey	Reasonable,on creek,taken 5m E & 3m S of peg
808	210694	<5	10	500300	5448300	B;grey/tan	Good,25" depth,valley floor
809	210695	7	14	500340	5448300	A;grey	Poor,25" depth,mainly sands & organic matter
810	210696	<5	4	500380	5448300	B;tan	Good,20"depth,2% qtz
811	210697	<5	3	500420	5448300	B;tan	Good
812	210698	<5	<1	500460	5448300	B;grey	Poor,20" depth, mainly sand and qtz gravel
813	210699	<5	18	500500	5448300	B;tan	Good,ground disturbed
814	210700	<5	30	500540	5448300	B;tan	Good,ground slightly disturbed
815	210701	12	90	500580	5448300	B;tan	Good, on old trench %m N
816	210702	11	23	500620	5448300	B;tan	Good
817	210703	11	35	500660	5448300	B;tan	Good
818	210704	17	93	500700	5448300	B;tan	Good
819	210705	<5	14	500740	5448300	B;tan	Good
820	210706	<5	46	500780	5448300	B;tan	Good, on paddock
821	210707	<5	2	500820	5448300	A;grey	Poor,25" depth, nr creek valley, mainly fine sand and qtz
	213211	<5		500820	5448300	B;tan/grey	Reasonable,lots of qtz,could not get through with auger
1435	213212	29		500860	5448300	B;tan/grey	Good,shit bush
1436	213213	20		500900	5448300	B;tan	Good,10m due N of Brigadier shaft
1437	213214	<5		500940	5448300	B;tan/grey	Good, on fence line
1438	213215	<5		500980	5448300	B;tan	Good,20m N of fence
1439	213216	<5		501000	5448300	B;tan	Good,very deep,15m from paddock to E

47900N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
899	210785	<5	3	499000	5447900	B;tan/grey	Good,2%qtz
900	210786	<5	4	499040	5447900	B;tan	Good,2%qtz
901	210787	<5	4	499080	5447900	B;tan/grey	Good
902	210788	<5	4	499120	5447900	B;Grey	Reasonable,creek valley 20"
903	210789	<5	6	499160	5447900	B;tan	V. good
904	210790	<5	8	499200	5447900	B;tan	Good,from road cut wall
905	210791	<5	4	499240	5447900	B tan/grey	Good,10-15% qrtz
906	210792	<5	5	499280	5447900	B;tan	V.good
907	210793	<5	5	499320	5447900	B;tan	V. good
908	210794	<5	7	499360	5447900	B;grey	Poor
909	210795	<5	5	499440	5447900	C;tan/grey	Good
910	210796	21	13	499440	5447900	B/C;tan/grey	Good, on ridge top
911	210797	<5	9	499480	5447900	B;tan	Good, on ridge top
912	210798	9	6	499520	5447900	B;tan/grey	Good. 5% qrtz
913	210799	6	11	499560	5447900	B;tan	Good,east slope of ridge
914	210800	<5	6	499600	5447900	B;tan	Good
915	210801	<5	15	499640	5447900	B;tan/grey	Good, 20" depth
916	210802	<5	8	499680	5447900	B;tan	Good
917	210803	<5	6	499720	5447900	B;tan	Good
918	210804	<5	4	499760	5447900	B;tan/grey	Good,20"depth,5-10%qrtz
919	210805	<5	3	499800	5447900	B;grey/tan	Reasonable,60-70%
920	210806	7	5	499840	5447900	B;tan	Good
921	210807	<5	5	499880	5447900	B;tan	Good
922	210808	10	5	499920	5447900	B;tan	Good
923	210809	<5	4	499980	5447900	B;tan	Good
924	210810	<5	4	500000	5447900	B;tan/grey	Good,by creek of 20% depth

48000N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
925	210811	5	13	499000	5448000	B;tan	Good
926	210812	<5	5	499040	5448000		
927	210813	<5	4	499080	5448000	B;tan	Good
928	210814	<5	4	499120	5448000	B;tan/grey	Good
929	210815	7	4	499160	5448000	B;tan	Good
930	210816	<5	4	499200	5448000	B;tan	Good
931	210817	5	3	499240	5448000	B;tan	Good, from trench wall
932	210818	<5	4	499280	5448000	B;grey/tan	Good,2% qrtz, ground 25"
933	210819	<5	5	499320	5448000	B;tan	Good, western slope of main ridge
934	210820	<5	2	499360	5448000	B/C;grey	Reasonable
935	210821	6	9	499400	5448000	B;grey	Good
936	210822	8	30	499440	5448000	B;tan	Good,eastern slope
963	210849	<5	27	499480	5448000	B;tan	Good on eastern slope of ridge
964	210850	<5	12	499520	5448000	B;tan/grey	Good,20% depth on eastern slope of ridge

48100N

Uniq No	Sample No	Au ppb	As ppm	Easting	Northing	Type	Comments
468	210352	7	5	499580	5448100	B;grey	Good
469	210353	<5	5	499620	5448100	B;grey	Good
470	210354	<5	4	499660	5448100	B;grey	Good
471	210355	<5	3	499700	5448100	B;grey	Poor,alluvial,20"depth
472	210356	<5	9	499740	5448100	B;grey	Poor,alluvial,20"depth
473	210357	<5	17	499780	5448100	B;grey	Good,ground disturbed by old workings
474	210358	<5	10	499820	5448100	B;grey	Good,20"depth, deep organic material
475	210359	<5	8	499860	5448100	B;grey	Good
476	210360	<5	4	499900	5448100	B;grey	Good
477	210361	<5	7	499940	5448100	B;tan	Good
478	210362	<5	12	499980	5448100	B;grey/tan	Good
479	210363	13	8	500020	5448100	B;tan/grey	Good
480	210364	<5	5	500060	5448100	B-C;tan/grey	Good, rock chips on surface
481	210365	7	6	500100	5448100	B;tan	Good
482	210366	<5	12	500140	5448100	B;tan	Good
483	210367	<5	11	500180	5448100	B;tan	Good,5%qtz
484	210368	<5	5	500220	5448100	B;grey/tan	Good
485	210369	<5	7	500260	5448100	B;tan	Good
486	210370	<5	5	500300	5448100	B;tan	Good
487	210371	<5	6	500340	5448100	B;tan/grey	Good
488	210372	<5	5	500380	5448100	B;grey/tan	Good,10%qtz gravel,20"depth
489	210373	<5	7	500420	5448100	B;tan	Good,25"depth qtz gravel
490	210374	<5	13	500460	5448100	B;tan	Good
491	210375	<5	5	500500	5448100	B;tan	Good
615	210500	<5	12	499540	5448100	B;grey/tan	Good,small shafts & diggings nearby
616	210501	<5	8	499500	5448100	B;grey/tan	Good
617	210502	<5	21	499460	5448100	B;grey/tan	Good
618	210503	<5	3	499420	5448100	B;grey/tan	Good
619	210504	<5	4	499380	5448100	B;grey/tan	Good
620	210505	7	12	499340	5448100	B;tan/grey	Good,5m N of peg
621	210506	56	7	499300	5448100	B;tan	Good
622	210507	22	2	499260	5448100	B;grey/tan	Good,some qtz through sample
623	210508	8	<1	499220	5448100	B;grey	Poor,nr main road, 10%qtz
624	210509	<5	3	499180	5448100	B;grey	Poor,nr main road
625	210510	6	<1	499140	5448100	B;grey	Poor,15% qtz,nr main road
626	210511	<5	<1	499100	5448100	B;grey	Poor,10% qtz,Tee Tree Creek valley
627	210512	10	<1	499060	5448100	B;grey	V. poor,creek valley swamp, close to creek bed
628	210513	10	<1	499020	5448100	B;grey	Reasonable,20% qtz,could not break through
629	210514	<5	<1	498980	5448100	B;grey	Reasonable,20% qtz,head water of creek
630	210515	<5	<1	498940	5448100	B;grey	Poor,collected on qtz sheet layer,25"depth
631	210516	<5	2	498900	5448100	B;grey/tan	Good,10%qtz
632	210517	5	8	498860	5448100	B;tan	Good,some qtz pebbles
633	210518	5	<1	498820	5448100	C;grey	Good,sst outcrop nr surface
634	210519	<5	8	498780	5448100	B;grey/tan	Good,ground disturbed
635	210520	<5	6	498740	5448100	B;tan/grey	Good,ground disturbed
636	210521	5	7	498700	5448100	B;tan/grey	Good,some qtz,ground disturbed
637	210522	<5	9	498660	5448100	B;tan	Good
638	210523	<5	5	498620	5448100	B;tan	Good
639	210524	<5	4	498580	5448100	B-C;grey/tan	Good,steep slope,rockchips on surface
640	210525	<5	5	498540	5448100	B-C;grey/tan	Good,steep slope,rockchips on surface
641	210526	<5	<1	498500	5448100	B-C;grey/tan	Good,steep slope,rockchips at surface

47400N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1118	212873	<5		499100	5447400	B;tan	Good
1119	212874	17		499140	5447400	B;tan	Good,rock scree
1120	212875	<5		499180	5447400	B;tan	Good,5% qtz,S facing slope
1121	212876	<5		499220	5447400	B;tan/grey	Reasonable
1122	212877	<5		499260	5447400	B;tan/grey	Reasonable,ground distur
1123	212878	6		499300	5447400	B;tan/grey	Good,some rock scree
1124	212879	21		499340	5447400	B;tan	Good
1125	212880	<5		499380	5447400	B;grey	Reasonable,0.5m depth,poor ground W side of c
1126	212881	34		499420	5447400	B;grey/tan	Reasonable,rock chips
1127	212882	48		499460	5447400	B;tan	Good
1128	212883	<5		499500	5447400	B;grey/tan	Good
1129	212884	6		499540	5447400	B;tan	Good, on side of track
1130	212885	5		499580	5447400	B;tan	Good
1131	212886	5		499620	5447400	B;tan	Good
1132	212887	7		499660	5447400	B;tan	Good
1133	212888	5		499680	5447400	B;tan	Good

47500N

Uniq No	Sample No	Au ppb	As ppm	Easting	Northing	Soil Type	Comments
986	210872	<5		499000	5447500	B;tan	Good,some qtz,sst pebbles on surface
987	210873	<5		499040	5447500	B-C;tan	Good,little soil available,rock chips
988	210874	<5		499080	5447500	B;tan	Good 10-15%qtz
989	210875	<5		499120	5447500	B;tan	Good 10"depth,50-60%qtz,Fe stain pebbles
990	210876	<5		499160	5447500	B;tan	Good,high on ridge sloping S
991	210877	<5		499200	5447500	B;tan	Good,2-5%qtz
992	210878	10		499240	5447500	B-C;tan	Good,close to o/c
993	210879	6		499280	5447500	B;tan	Good,5m S of peg
994	210880	54		499320	5447500	B;tan	Good,some qtz
995	210881	11		499360	5447500	B-C;grey/tan	On top of sst o/c,steep slope nr creek
996	210882	<5		499400	5447500	B;grey	Poor sample,unable to gain depth
997	210883	9		499440	5447500	B;grey/tan	Reasonable,30"deep, leached soils?
998	210884	<5		499480	5447500	B;tan/grey	Good,25"deep
999	210885	<5		499520	5447500	B;tan	Good,some qtz,nr old track
1000	210886	<5		499560	5447500	B;tan	Good
1001	210887	<5		499600	5447500	B;tan	Good,ground disturbed by old workings,10%qtz
1002	210888	<5		499640	5447500	B;tan	Good top of ridge,old shafts 20m N,many trenches
1003	210889	7		499680	5447500	B;tan	Good,old workings
1004	210890	<5		499720	5447500	B;tan	Good,W of creek,on W slope,20"deep
1005	210891	<5		499760	5447500	B;tan	Good,on W side of creek,some qtz
1006	210892	<5		499800	5447500	B;tan	Good,S facing slope

47600N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1134	212889	<5		499100	5447600	B;tan	Good,big shaft 40m NWof peg
1135	212890	6		499140	5447600	B;tan	Good,ridge top
1136	212891	<5		499180	5447600	B;tan	Good,ridge top
1137	212892	1500		499220	5447600	B;tan	Good
1138	212893	<5		499260	5447600	B;tan	Good,W of creek
1139	212894	7		499300	5447600	B;tan	Good,W of creek
1140	212895	6		499340	5447600	B;tan	Good,nr track on ridge
1141	212896	<5		499380	5447600	B;tan	Good,E-facing slope W of creek
1142	212897	11		499420	5447600	B;tan/grey	Reasonable,10% qtz
1143	212898	11		499460	5447600	B;tan	Good,0.5m depth,just off track
1144	212899	27		499500	5447600	B;tan	?Good,poss contamination,groun disturbed
1145	212900	15		499540	5447600	B;tan	OK,ground disturbed
1146	212901	6		499580	5447600	B;tan	Good,5%qtz
1147	212902	8		499620	5447600	B;tan	Good
1148	212903	6		499660	5447600	B;tan	Good,small shaft 10m Nth
1149	212904	7		499680	5447600	B;tan	Good,eastern slope of ridge

47700N

Uniq No	Sample No	Au ppb	As ppm	Easting	Northing	Soil Type	Comments
1006	210892	<5		499000	5447700	B;tan	Good,S facing slope
1007	210893	<5		499040	5447700	B;tan	Good,from above tunnel,poss.contaminated
1008	210894	<5		499080	5447700	A;grey	Poor,on creek valley
1009	210895	<5		499120	5447700	C;tan	Poor,mainly rock chip from roadside wall
1010	210896	<5		499160	5447700	B;tan	Good,some qtz
1011	210897	<5		499200	5447700	B;tan	Good,some qtz
1012	210898	<5		499240	5447700	B;tan	Good,some qtz
1013	210899	<5		499280	5447700	B;tan	Good,20%qtz,on creek valley
1014	210900	9		499320	5447700	B;tan	Good,10%qtz
1015	210901	<5		499360	5447700	B;tan	Good,v. little qtz
1016	210902	<5		499400	5447700	B;tan	Good
1017	210903	<5		499440	5447700	B;tan	Good,W slope of main ridge
1018	210904	30		499480	5447700	B;tan	Good,on S slope,some qtz
1019	210905	<5		499520	5447700	B;tan	Good,on S slope
1020	210906	10		499560	5447700	B;tan	Good,on S slope,some qtz
1021	210907	<5		499600	5447700	B;tan	Good,on S slope
1022	210908	<5		499640	5447700	B;tan	Good,top of ridge,some qtz
1023	210909	<5		499680	5447700	B;tan	Good,E slope
1024	210910	<5		499720	5447700	B;tan	Good,W side of creek,some qtz
1025	210911	<5		499760	5447700	B;tan	Good,10%qtz,E side of creek

46400N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
642	210551	19	20	503080	5446400	C;tan	Good,on road cutting
643	210527	14	6	503040	5446400	B;grey	Poor,ground disturbed
644	210528	<5	6	503000	5446400	B;tan	Good
645	210529	<5	13	502960	5446400	B;tan	Good
646	210530	<5	18	502920	5446400	B;tan	Good
647	210531	<5	<1	502880	5446400	B;grey	Poor,mainly fine sands
648	210532	5	6	502840	5446400	B;tan	Good
649	210533	<5	3	502800	5446400	B-C;grey/tan	Good,o/c nearby
650	210534	8	14	502760	5446400	B;tan	Good
651	210535	6	<1	502720	5446400	B;grey	Poor,qtz gravel
652	210536	<5	<1	502680	5446400	B;grey	Poor,qtz gravel
653	210537	5	6	502640	5446400	B;tan	Good
654	210538	<5	<1	502600	5446400	B;grey	Poor,mainly qtz
655	210539	6	10	502560	5446400	B;tan	Good
656	210540	5	<1	502520	5446400	B;grey	Poor,mainly qtz
657	210541	<5	2	502480	5446400	B;tan	Good
658	210542	7	12	502440	5446400	B-C;tan	Good,o/c nearby,ss1 pebbles in sample
659	210543	13	8	502400	5446400	B;tan/grey	Good,on ridge
660	210544	11	<1	502360	5446400	B;grey	V.poor,qtz gravel
661	210545	<5	3	502320	5446400	A-B;grey	V.poor,organic matter,head waters of creek
662	210546	<5	<1	502280	5446400	B;grey	Poor,hard compacted qtz,25"depth
663	210547	<5	8	502240	5446400	B;tan/grey	Good,25"depth
664	210548	6	14	502200	5446400	B;tan	Good,some qtz
665	210549	5	<1	502160	5446400	B;grey	Poor,compacted qtz
666	210550	<5	<1	502120	5446400	B;grey	Poor,v.compacted qtz could not get through
667	210552	<5	2	503120	5446400	B;grey	Poor, mainly fine sands & qtz,some rock chips,ground disturbed

47100N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1086	212841	<5		499100	5447100	B;tan	Good
1087	212842	<5		499140	5447100	B;grey/tan	Reasonable,>40cm depth
1088	212843	<5		499180	5447100	B;grey/tan	Good
1089	212844	<5		499220	5447100	B/C;tan	Good,rock & scree
1090	212845	8		499260	5447100	B;tan	Good,5% qtz
1091	212846	<5		499300	5447100	B;grey/tan	Reasonable
1092	212847	<5		499340	5447100	B;grey/tan	Reasonable
1093	212848	<5		499380	5447100	B;grey/tan	Good
1094	212849	<5		499420	5447100	B;tan	Good
1095	212850	<5		499460	5447100	B;grey/tan	Reasonable
1096	212851	<5		499500	5447100	B;grey/tan	Reasonable
1097	212852	<5		499540	5447100	B;tan	Good
1098	212853	<5		499580	5447100	B;tan	Good,beside track
1099	212854	6		499620	5447100	B;tan	Good,from old N-S trench wall
1100	212855	<5		499660	5447100	B;tan	Good,10-15% qtz
1101	212856	<5		499680	5447100	B;tan	Good,10% qtz, abund qtz on surface

47200N

Uniq No	Sample No	Au ppb	As ppm	Easting	Northing	Soil Type	Comments
966	210852	<5		499000	5447200	B;grey/tan	Good,mainly silty sediment
967	210853	<5		499040	5447200	B;tan/grey	Good,nr road
968	210854	<5		499080	5447200	B;grey/tan	Reasonable,25"depth
969	210855	<5		499120	5447200	B-C;tan/dark	Good,14"depth,on old track,5-10%qtz,Fe stain rock chips
970	210856	<5		499160	5447200	B-C;tan/dark	Good,14"depth,on old track,5-10%qtz,Fe stain rock chips
971	210857	<5		499200	5447200	B;tan	Good,ground disturbed,old shaft 5m N
972	210858	13		499240	5447200	B;tan/grey	Good,20"depth,qtz and sst pebbles
973	210859	7		499280	5447200	B;grey	Reasonable,25"+depth,poss disturbed by old workings
974	210860	22		499320	5447200	B;grey	Poor,ground disturbed by old workings,4m N of peg
975	210861	34		499360	5447200	B;grey	Reasonable,sloping creek bank,ground disturbed by old workings
976	210862	7		499400	5447200	C;grey/tan	Good,on top of rocky o/c
977	210863	<5		499440	5447200	B-C;grey/tan	Good,rock chips & pebbles in soil
978	210864	<5		499480	5447200	B;tan	Good,18"depth,some qtz
979	210865	<5		499520	5447200	B;tan	Good,25"depth
980	210866	<5		499560	5447200	B;tan	Good,some qtz pebbles in soil
981	210867	<5		499600	5447200	B;grey	Poor,28-30",not through leached soils,mainly fine seds
982	210868	<5		499640	5447200	B;grey	Poor,28-30",mainly leached soils
983	210869	<5		499680	5447200	B;grey/?tan	Good,35"v.deep,20%qtz pebbles,partly leached soils
984	210870	<5		499720	5447200	B;grey	Poor,unable to break through leached soils,some qtz
985	210871	<5		499760	5447200	B;grey	Poor,east of creek,mainly leached material,unable to gain depth

47300N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1102	212857	<5		499100	5447300	B;tan	Good
1103	212858	<5		499140	5447300	B;tan	Good
1104	212859	<5		499180	5447300	B;grey/tan	Reasonable
1105	212860	10		499220	5447300	B;grey/tan	Reasonable,30cm deep
1106	212861	18		499260	5447300	B;grey/tan	Reasonable
1107	212862	22		499300	5447300	B;tan	Good,steep slope
1108	212863	7		499340	5447300	B;tan	Good
1109	212864	12		499380	5447300	B;grey/tan	Reasonable,5-10m from creek
1110	212865	<5		499420	5447300	B;grey	Reasonable,steep hill
1111	212866	<5		499460	5447300	B;tan	Good,5m E of peg
1112	212867	<5		499500	5447300	B;tan	Good
1113	212868	27		499540	5447300	B;tan	Good,side of track
1114	212869	6		499580	5447300	B;tan	Good,slight valley,20% qtz
1115	212870	<5		499620	5447300	B;tan	Good,5% qtz
1116	212871	7		499660	5447300	B;tan	Good,old workings
1117	212872	<5		499680	5447300	B;tan	Good,10-15m depp shafts,trenches,pits etc

49200N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
760	210646	<5	14	499560	5449200	B;tan	Good
761	210647	<5	14	499600	5449200	B;tan	Good
762	210648	5	5	499640	5449200	B;tan	Good,some qtz,ground disturbed
763	210649	<5	10	499680	5449200	B;tan	Good
764	210650	<5	8	499720	5449200	B;tan	Good
765	210651	<5	6	499760	5449200	B;tan/grey	Good,ground disturbed
766	210652	<5	13	499800	5449200	B;tan	Good,25"depth,cover of fine sand
767	210653	<5	<1	499840	5449200	B;grey	Poor,silt & sand,could not get through,25"depth
768	210654	<5	<1	499880	5449200	B;grey	Poor,silt & sand in creek valley,25"depth
769	210655	<5	9	499920	5449200	B;tan	Reasonable,poss transported
770	210656	<5	<1	499960	5449200	B;grey	Poor,qtz gravel
771	210657	<5	3	500000	5449200	B;grey	Poor,qtz gravel
772	210658	<5	9	500040	5449200	B;grey/tan	Good,from old trench wall
773	210659	<5	9	500080	5449200	B;tan	OK,from trench wall
774	210660	<5	<1	500120	5449200	B;grey	Poor,qtz gravel,25"depth
775	210661	<5	<1	550160	5449200	B;grey	Poor,25"deep,on valley floor
776	210662	<5	<1	500320	5449200	B;grey	Poor,qtz gravel
777	210663	<5	8	500360	5449200	B;tan	Reasonable,from trench wall,poss contamination
778	210664	<5	5	500400	5449200	B;tan/grey	Good,heavily disturbed by old workings
779	210665	<5	8	500440	5449200	B;tan	Reasonable,from old trench, area badly disturbed
780	210666	<5	7	500480	5449200	B;grey/tan	Reasonable,area heavily disturbed,deep,25%qtz
781	210667	<5	17	500520	5449200	?B;tan	Reasonable,on old track possibly transported

49300N

Uniq No	Sample No	Au (ppb)	As (ppb)	Easting	Northing	Soil Type	Comments
1357	213133	<5		499550	5449300	B;tan	Good
1358	213134	6		499590	5449300	B;tan	Good
1359	213135	<5		499630	5449300	B;tan	Good
1360	213136	<5		499670	5449300	B;tan	Good
1361	213137	<5		499710	5449300	B;tan	Good
1362	213138	<5		499750	5449300	B;grey	Reasonable,very deep, not through
1363	213139	<5		499790	5449300	B;grey/tan	Reasonable, very deep
1364	213140	<5		499830	5449300	B;grey	Reasonable?,very deep
1365	213141	<5		499870	5449300	B;grey/tan	Reasonable,lots of trenches
1366	213142	6		499910	5449300	B;tan	Reasonable,in valley,from old working
1367	213143	7		499950	5449300	B;tan	Good,from old trench wall
1368	213144	6		499990	5449300	B;tan/grey	Reasonable,0.5m

49400N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1369	213145	<5		499550	5449400	B;tan	Good,on base line
1370	213146	<5		499590	5449400	B;tan	Good
1371	213147	<5		499630	5449400	B;tan/grey	Good
1372	213148	<5		499670	5449400	B;tan	Good
1373	213149	9		499710	5449400	B;grey	Reasonable,in valley
1374	213150	<5		499750	5449400	B;tan	Good
1375	213151	<5		499790	5449400	B;grey	Reasonable,unable to penetrate qtz layer
1376	213152	<5		499830	5449400	B;tan	Good,from old trench wall
1377	213153	<5		499870	5449400	B;tan	Good,0.6m deep
1378	213154	5		499910	5449400	B;grey	Reasonable,unable to break through qtz layer
1379	213155	7		499950	5449400	B;tan	OK,ground disturbance,from old working heap
1380	213156	<5		499990	5449400	B;tan/grey	Poor,very deep

49500N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1381	213157	<5		499550	5449500	B;tan	Good
1382	213158	<5		499590	5449500	B;tan/grey	Good,very deep
1383	213159	5		499630	5449500	B;tan	Good
1384	213160	<5		499670	5449500	B;grey/tan	Reasonable,0.7m
1385	213161	<5		499710	5449500	B;tan	Good
1386	213162	6		499750	5449500	B;tan/grey	Reasonable,very deep
1387	213163	<5		499790	5449500	B;tan	Good
1388	213164	<5		499830	5449500	B;tan	Good,from old trench wall
1389	213165	<5		499870	5449500	B;tan	Good
1390	213166	<5		499910	5449500	B;grey	Poor,could not break through qtz sheet
1391	213167	<5		499950	5449500	B;tan/grey	Reasonable,very deep
1392	213168	<5		499990	5449500	B;tan	Good

498400E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1217	212972	28		498400	5448360	B;tan	Good
1218	212973	<5		498400	5448380	B;tan	Good,thick bush
1219	212974	7		498400	5448400	B;tan	Good,thick bush
1220	212975	<5		498400	5448420	B;tan	Good,lots of qtz,steep S facing slope
1221	212976	14		498400	5448440	B;tan	Good
1222	212977	26		498400	5448460	B;tan	Good,old shaft 10m E,possibly lode, large qtz pebbles
1223	212978	34		498400	5448480	B;tan	Good
1224	212979	<5		498400	5448500	B;tan	Good

498500E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1225	212980	<5		498500	5448360	B;tan	Good
1226	212981	6		498500	5448380	B;tan	Good
1227	212982	26		498500	5448400	B;tan/grey	Reasonable
1228	212983	8		498500	5448420	A;grey	Poor,30%qtz
1229	212984	57		498500	5448440	B;tan	Good,nr.Clansman shaft
	212985	NS		498500	5448460	NS	Clansman workings
1230	212986	8		498500	5448480	B;tan	Good,20m N of Clansman shaft
1231	212987	5		498500	5448500	B;tan	Good

498600E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1232	212988	8		498600	5448360	B;tan	Good
1233	212989	23		498600	5448380	B;tan	Good
1234	212990	36		498600	5448400	B;tan	Good,from old trench wall
1235	212991	35		498600	5448420	B;tan/grey	Good,ground disturbed
1236	212992	69		498600	5448440	B;tan/grey	Reasonable,ground disturbance
1237	212993	7		498600	5448460	B;tan	Good,ground disturbed by old workings
1238	212994	5		498600	5448480	B;tan	Good
1239	212995	7		498600	5448500	B;tan	Good

498700E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1240	212996	68		498700	5448380	B;grey/tan	Reasonable,v.deep, 40cm,some qtz
1241	212997	10		498700	5448400	B:tan	Good
1242	212998	20		498700	5448420	B:tan	Good,ground disturbed
1243	212999	18		498700	5448440	B;tan	Reasonable
1244	213000	19		498700	5448460	B;tan	Reasonable
1245	213001	<5		498700	5448480	B:tan	Good,old workings and drives
1246	213002	6		498700	5448500	B:tan/grey	Reasonable,some qtz,nr creek

498800E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1247	213003	10		498800	5448380	B:tan	Good,15m E of line due to ground disturbance
1248	213004	8		498800	5448400	B:tan	Good from costean wall
1249	213005	18		498800	5448420	B:tan	Good ground disturbed & old shaft nearby
1250	213006	14		498800	5448440	B;tan	Good 5m W of costean
1251	213007	7		498800	5448460	B;tan	Good,from old shaft wall 5m from line,large waste dump nearby
1252	213008	7		498800	5448480	B:tan/grey	Good,old shafts and trenches
1253	213009	7		498800	5448500	B;grey/tan	Reasonable,slight valley,from beneath tree root 0.7m deep

498900E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1254	213010	7		498900	5448380	B-C;tan	OK,lots of rock chips, workings nearby
1255	213011	8		498900	5448400	B;tan	Good,old trenching nearby
1256	213012	5		498900	5448420	B-C;tan	Good,from old trench wall,rock chips
1257	213013	11		498900	5448440	B;tan	Good,nr old track
1258	213014	6		498900	5448460	B;grey	Reasonable,similar to 015,old workings 20-40m W,E & S of sample
1259	213015	5		498900	5448480	B;grey	Reasonable,some qtz,deep low depression
1260	213016	6		498900	5448500	B;tan	Good

499000E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1261	213017	7		499000	5448380	B;tan/grey	Reasonable,between two creeks,major waste dump 20-30m W
1262	213018	11		499000	5448400	B;tan	OK,nr creek on N side,major old workings 20m W
1263	213019	236		499000	5448420	Dump	Major old workings,not soil sample
1264	213020	65		499000	5448440	B;tan	OK, from old shaft wall,possibly contaminated
1265	213021	13		499000	5448460	B;tan	Reasonable,considerable ground disturbance,workings everywhere
1266	213022	11		499000	5448480	B;tan	Good
1267	213023	7		499000	5448500	B;tan	Good,ground slightly disturbed,above track

499350E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1150	212905	6		499350	5447000	B;grey	Reasonable,very deep 0.5m,20%qtz
1151	212906	6		499350	5447020	B;grey	Reasonable,very deep,10%qtz
1152	212907	7		499350	5447040	B;tan	Good
1153	212908	12		499350	5447060	B;tan	Good
1154	212909	59		499350	5447080	B;tan	V.good,shaft 15m SE
1155	212910	9		499350	5447100	B;tan	Good
1156	212911	7		499350	5447120	B;grey	Reasonable,deep overburden
1157	212912	<5		499350	5447140	B;grey	Reasonable,deep overburden
1158	212913	NS		499350	5447160	NS	
1159	212914	11		499350	5447180	B;grey/tan	Reasonable,close to creek,v. steep,some overburden
1160	212915	28		499350	5447200	B;grey/tan	Reasonable,S facing slope between creeks
1161	212916	76		499350	5447220	B-C?;grey/tan	Reasonable,rock scree
1162	212917	24		499350	5447240	B-C;tan	Reasonable,rock chips,ground disturbed by logging
1163	212918	9		499350	5447260	B;tan/grey	Reasonable
1164	212919	18		499350	5447280	B;tan/grey	Reasonable
1165	212920	12		499350	5447300	B;tan	Good
1166	212921	27		499350	5447320	B;tan	Good
1167	212922	10		499350	5447340	B;tan/grey	Reasonable,rock scree with sample
1168	212923	86		499350	5447360	B;grey/tan	Good,line goes along E facing slope
1169	212924	20		499350	5447380	B;grey/tan	Reasonable
1170	212925	31		499350	5447400	B;tan/grey	Reasonable,0.5m depth
1171	212926	6		499350	5447420	B;grey	Poor(possibly),deep overburden,0.5m depth
1172	212927	6		499350	5447440	B;grey	Poor(possibly),deep overburden,0.5m depth
1173	212928	15		499350	5447460	B;tan/grey	Good
1174	212929	46		499350	5447480	B;tan	Good,from old shaft wall
1175	212930	11		499350	5447500	B;tan/grey	Reasonable,rock chips scree
1176	212931	9		499350	5447520	B;tan	Good,sst scree
1177	212932	7		499350	5447540	B;tan	Good,sst scree
1178	212933	8		499350	5447560	B;tan	Good,some ground disturbed
1179	212934	7		499350	5447580	B;tan	Good
1180	212935	8		499350	5447600	B;tan	Good
1181	212936	11		499350	5447620	B;tan	Good
1182	212937	28		499350	5447640	B;tan	V good
1183	212938	5		499350	5447660	B;tan	Good
1184	212939	<5		499350	5447680	B;tan	Good
1185	212940	8		499350	5447700	B;tan	Good,a few qtz pebbles

499480E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1186	212941	9		499480	5447200	B;tan	Good,repeat previous sample
1187	212942	5		499480	5447220	B;tan	Good
1188	212943	15		499480	5447240	B;tan	Good
1189	212944	9		499480	5447260	B;tan	Good
1190	212945	62		499480	5447280	B;tan/grey	Good,nr small shaft,ground disturbed
1191	212946	5		499480	5447300	B;grey/tan	Reasonable sample,v. deep,lots of qtz
1192	212947	<5		499480	5447320	B;tan	Good
1193	212948	6		499480	5447340	B;tan/grey	Reasonable,v.deep
1194	212949	20		499480	5447360	B;tan/grey	Reasonable,v.deep
1195	212950	11		499480	5447380	B;tan	Good
1196	212951	37		499480	5447400	B;tan	Good,slightly disturbed
1197	212952	7		499480	5447420	B;tan	Good
1198	212953	<5		499480	5447440	B;tan	Good
1199	212954	10		499480	5447460	B;tan	Good
1200	212955	<5		499480	5447480	B;tan	Good
1201	212856	9		499480	5447500	B;tan/grey	Good,repeat of old sample
1202	212957	13		499480	5447520	B;tan/grey	Good
1203	212958	37		499480	5447540	B;tan	Good,ground disturbed
1204	212959	29		499480	5447560	B;tan	Good,taken 5m W of line,nr New Monarch workings
1205	212960	9		499480	5447580	B;grey	Poor possibly,over 0.5m deep
1206	212961	6		499480	5447600	B;tan	from old shaft wall,10%qtz, part of lode?
1207	212962	16		499480	5447620	B;tan	OK,poss contaminated from New Monarch workings
1208	212963	22		499480	5447640	B;tan	Good,from nr big shaft,should not be contaminated
1209	212964	<5		499480	5447660	B;tan	Good
1210	212965	<5		499480	5447680	B;tan	Good,old workings nearby
1211	212966	24		499480	5447700	B;tan	Good
1212	212967	<5		499480	5447720	B;tan	Good
1213	212968	<5		499480	5447740	B;tan	Good
1214	212969	17		499480	5447760	B;tan	Good
1215	212970	<5		499480	5447780	B;tan	Good,very steep slope
1216	212971	<5		499480	5447800	B;tan	Good,v. steep slope facing W

UniqNo	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Sample type	Comments
274	210158	<5	15	499550	5449300	B;tan	V.good
275	210159	<5	20	499550	5449280	B;tan	Good,some qtz pebbles
276	210160	<5	9	499550	5449260	B;tan	V.good
277	210161	<5	8	499550	5449240	B;tan	Good
278	210162	<5	11	499550	5449220	B;tan	Good
279	210163	<5	8	499550	5449200	B;tan	V.good
280	210164	<5	7	499550	5449180	B;tan	Good
281	210165	<5	12	499550	5449160	B-C;tan	Good,taken from roadside wall
282	210166	<5	8	499550	5449140	B;tan	V.good.
283	210167	<5	8	499550	5449120	B;tan	V.good
284	210168	<5	5	499550	5449100	B;tan/grey	Good,14"depth,thin quartz layer
285	210169	<5	14	499550	5449080	B;tan/grey	Good
286	210170	<5	5	499550	5449060	B;tan/grey	Good,Windermere Shaft 20m W
287	210171	<5	6	499550	5449040	B;tan/grey	Good,old working nearby
288	210172	<5	15	499550	5449020	B;tan	Good,near old shafts
289	210173	<5	6	499550	5449000	B;tan	Good,little or no ground disturbance
290	210174	<5	5	499550	5448980	C;grey/tan	Good,o/c near surface,Fe-rich chips
291	210175	<5	5	499550	5448960	B;tan/grey	Good
292	210176	<5	3	499550	5448940	B;tan/grey	Good
293	210177	<5	5	499550	5448920	B;tan/grey	Good
294	210178	<5	4	499550	5448900	B;grey	Reasonable,ground disturbed
295	210179	<5	8	499550	5448880	B;grey/tan	Good,nr Leefloyd shaft
296	210180	<5	1	499550	5448860	B;grey	Reasonable,qtz lode,mainly qtz
297	210181	<5	8	499550	5448840	B;tan	Good
298	210182	<5	5	499550	5448820	B;grey/tan	Good,20"depth,some qtz.
299	210183	<5	6	499550	5448800	B;grey/tan	Good,5%qtz,16"depth
300	210184	<5	7	499550	5448780	B;grey/tan	Good
301	210185	<5	7	499550	5448760	B;tan	Good,on road side cut
302	210186	<5	7	499550	5448740	B;tan	Good,2%qtz
303	210187	<5	6	499550	5448720	B;tan	Good,5%qtz
304	210188	<5	14	499550	5448700	B-C;tan	Good,rock outcrop close by
305	210189	<5	8	499550	5448680	B;tan/grey	Good
306	210190	<5	6	499550	5448660	B;tan	Good
307	210191	<5	7	499550	5448640	B;grey/tan	Good
308	210192	<5	5	499550	5448620	B;tan	Good
309	210193	<5	4	499550	5448600	B;tan	Good,nr Queen's Birthday Shaft
310	210194	<5	5	499550	5448580	B;tan/grey	Good,trench wall
311	210195	<5	16	499550	5448560	B;tan	Good trench wall
312	210196	<5	5	499550	5448540	B;tan	Good,40%qtz.workings nearby
313	210197	<5	1	499550	5448520	B;tan	Good,fine sands
314	210198	9	22	499550	5448500	B;tan	Good
315	210199	15	41	499550	5448480	B-C;tan	Good,disturbed area,rock outcrop nearby
316	210200	<5	11	499550	5448460	B;tan/grey	Good
317	210201	<5	7	499550	5448440	B;grey	Poor,disturbed ground,rock scree nearby
318	210202	<5	7	499550	5448420	B;grey	Poor,disturbed ground,rock chip on surface
319	210203	<5	8	499550	5448400	B;tan/grey	Good,trench wall
320	210204	SNR	SNR	499550	5448380	NO SAMPLE	
321	210205	<5	4	499550	5448360	B-C;grey	Reasonable,from creek bank
322	210206	<5	7	499550	5448340	B;tan/grey	Good
323	210207	<5	3	499550	5448320	B;tan/grey	Good
324	210208	<5	4	499550	5448300	B;tan/grey	V.good
325	210209	<5	4	499550	5448280	B;grey/tan	Good
326	210210	<5	5	499550	5448260	?;tan	Good,taken beneath old tailings
327	210211	<5	7	499550	5448240	C;tan	Good,nr W Volunteer shaft,Fe stain o/c
328	210212	<5	8	499550	5448220	B;grey/tan	Good,disturbed by old workings and track
329	210213	<5	1	499550	5448200	B;grey/tan	Good,disturbance by old workings and track
330	210214	<5	1	499550	5448180	B;grey/tan	Good,5%qtz
331	210215	<5	1	499550	5448160	B;tan/grey	Good.
332	210216	<5	1	499550	5448140	B;tan/grey	Good,old shaft 15m W
333	210217	<5	1	499550	5448120	B;grey/tan	Good
334	210218	<5	1	499550	5448100	B;grey/tan	Good,close to old shaft,trench
335	210219	<5	<1	499550	5448080	B;grey	Good,steep slope 20degrees
336	210220	<5	1	499550	5448060	B-C;grey	Good,rockchip scree
337	210221	<5	1	499550	5448040	B-C;grey	As above
338	210222	<5	1	499550	5448020	B-C;grey	As above,head of creek
339	210223	<5	9	499550	5448000	B-C;grey	Old workings nearby
822	210708	<5	12	499550	5447000	B;tan	Good,5% qtz.
823	210709	<5	10	499550	5447040	B;grey/tan	Good,some qtz, head waters of a small creek
824	210710	<5	25	499550	5447080	B;tan	Good
825	210711	<5	30	499550	5447100	B;tan	Good
826	210712	<5	<1	499550	5447140	B;grey	Poor,mainly sand & some qtz gravel
827	210713	<5	10	499550	5447180	B;tan	Good
828	210714	92	85	499550	5447220	B;tan	Good
829	210715	<5	1	499550	5447260	A;grey	Poor,sands,25"depth,organic matter
830	210716	<5	7	499550	5447300	B;tan	Good
831	210717	<5	6	499550	5447340	B;tan	Good

499740E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1393	213169	<5		499740	5448600	B;tan	Good
1394	213170	13		499740	5448620	B;tan	Good,ground disturbed,next to u/g drive or tunnel
1395	213171			499740	5448640	B;tan	Good
1396	213172	28		499740	5448660	B;tan	Good
1397	213173	5		499740	5448680	B;tan	Good
1398	213174	17		499740	5448700	B;tan	Good,ground disturbed
1399	213175	35		499740	5448720	B;tan	Good
1400	213176	10		499740	5448740	B;tan	Good
1401	213177	5		499740	5448760	B;tan	Good
1402	213178	6		499740	5448780	B;tan	Good,old pits around
1403	213179	16		499740	5448800	B;tan	Good,old pits around
1404	213180	15		499740	5448820	B;tan	Good
1405	213181	<5		499740	5448840	B;tan	Good
1406	213182	<5		499740	5448860	B;tan	Good
1407	213183	<5		499740	5448880	B;tan	Good
1408	213184	<5		499740	5448900	B;tan	Good

499800E

Uniq No	Sample No	Au ppb	As ppm	Easting	Northing	Soil type	Comments
556	210440	<5	11	499800	5448780	B;tan/grey	Good
557	210441	<5	11	499800	5448760	B;grey/tan	Good
558	210442	<5	11	499800	5448740	B;tan	Good,next to track
559	210443	<5	2	499800	5448720	B;grey	Poor,25"depth,mainly qtz gravel
560	210444	9	9	499800	5448680	B;tan	Good,ground disturbed by old workings
561	210445	<5	11	499800	5448660	B;tan	Good,from old trench wall
562	210446	<5	12	499800	5448640	B;tan/grey	Good
563	210447	<5	7	499800	5448620	B;tan	Good
564	210448	<5	6	499800	5448580	B;grey/tan	Good
565	210449	12	24	499800	5448560	B;tan	Poor,from old trench pile
566	210450	11	14	499800	5448540	B;tan	Good, from trench wall
567	210451	8	24	499800	5448520	B;tan	Good,from trench wall,some qtz
568	210452	12	36	499800	5448480	?B;tan	Poor,from old dirt piles,intense workings
569	210453	20	26	499800	5448460	B?;tan/grey	Reasonable,considerable old workings
570	210454	7	54	499800	5448440	B;grey/tan	Reasonable,area disturbed by shafts and workings
571	210455	14	23	499800	5448420	B;grey/tan	Poor, area disturbed
572	210456	<5	11	499800	5448360	B;tan	Good,nr. hwy,poss. slight contamination
573	210457	<5	9	499800	5448340	B?;tan	OK,from uprooted tree trunk
574	210458	372	98	499800	5448320	B;grey	Poor,area badly disturbed near creek
575	210459	5	14	499800	5448280	B?;grey	Poor,much ground disturbance due to old shafts
576	210460	<5	19	499800	5448260	B;tan	Reasonable,sample on creek
577	210461	<5	11	499800	5448240	B;grey/tan	Reasonable,25" depth
578	210462	<5	11	499800	5448220	B;tan/grey	Good
579	210463	6	21	499800	5448200	B;tan	Good,ground badly disturbed
580	210464	9	32	499800	5448180	B;tan	Reasonable,old trench wall,poss contam.
581	210465	9	30	499800	5448160	B;grey/tan	Good
581	210466	10	8	499800	5448140	B;grey	Poor,fine sands on qtz gravels,could not through,25"depth
582	210467	5	12	499800	5448120	B;grey/tan	Good,ground slightly disturbed

499800E

Uniq No	Sample No	Au ppb	As ppm	Easting	Northing	Soil type	Comments
556	210440	<5	11	499800	5448780	B;tan/grey	Good
557	210441	<5	11	499800	5448760	B;grey/tan	Good
558	210442	<5	11	499800	5448740	B;tan	Good,next to track
559	210443	<5	2	499800	5448720	B;grey	Poor,25"depth,mainly qtz gravel
560	210444	9	9	499800	5448680	B;tan	Good,ground disturbed by old workings
561	210445	<5	11	499800	5448660	B;tan	Good,from old trench wall
562	210446	<5	12	499800	5448640	B;tan/grey	Good
563	210447	<5	7	499800	5448620	B;tan	Good
564	210448	<5	6	499800	5448580	B;grey/tan	Good
565	210449	12	24	499800	5448560	B;tan	Poor,from old trench pile
566	210450	11	14	499800	5448540	B;tan	Good, from trench wall
567	210451	8	24	499800	5448520	B;tan	Good,from trench wall,some qtz
568	210452	12	36	499800	5448480	?B;tan	Poor,from old dirt piles,intense workings
569	210453	20	26	499800	5448460	B?,tan/grey	Reasonable,considerable old workings
570	210454	7	54	499800	5448440	B;grey/tan	Reasonable,area disturbed by shafts and workings
571	210455	14	23	499800	5448420	B;grey/tan	Poor, area disturbed
572	210456	<5	11	499800	5448360	B;tan	Good,nr hwy,poss. slight contamination
573	210457	<5	9	499800	5448340	B?;tan	OK,from uprooted tree trunk
574	210458	372	98	499800	5448320	B;grey	Poor,area badly disturbed near creek
575	210459	5	14	499800	5448280	B?;grey	Poor,much ground disturbance due to old shafts
576	210460	<5	19	499800	5448260	B;tan	Reasonable,sample on creek
577	210461	<5	11	499800	5448240	B;grey/tan	Reasonable,25" depth
578	210462	<5	11	499800	5448220	B;tan/grey	Good,
579	210463	6	21	499800	5448200	B;tan	Good,ground badly disturbed
580	210464	9	32	499800	5448180	B;tan	Reasonable,old trench wall,poss contam.
581	210465	9	30	499800	5448160	B;grey/tan	Good
581	210466	10	8	499800	5448140	B;grey	Poor,fine sands on qtz gravels,could not through,25"depth
582	210467	5	12	499800	5448120	B;grey/tan	Good,ground slightly disturbed

500000E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1064	212819	84		500000	5448300	B;tan	Good,possibly contaminated,
1065	212820	19		500000	5448320	B;tan	Good
1066	212821	25		500000	5448340	B;tan	Good,about 8m south of main road
1067	212822	79		500000	5448360	B;tan	Good,Nth side of main road
1068	212823	31		500000	5448380	B;tan	Good,some qtz pebbles
1069	212824	12		500000	5448400	B;tan	Good,some qtz pebbles
1070	212825	21		500000	5448420	B;tan	Good,some qtz pebbles
1071	212826	27		500000	5448440	B;tan	Good,5m W of shaft
1072	212827	20		500000	5448460	B;tan	Good qtz on surface
1073	212828	8		500000	5448480	B;tan	Good,qtz on surface
1074	212829	51		500000	5448500	B;tan/grey	Good,qtz,ground disturbed?from old diggings

500050E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
874	210760	<5	6	500050	5448100	B;tan	Good
875	210761	<5	5	500050	5448120	B;tan	Good
876	210762	<5	6	500050	5448140	B;tan	Good
877	210763	8	2	500050	5448160	B;tan	Good
878	210764	<5	8	500050	5448180	B;tan	Good
879	210765	20	31	500050	5448200	B;tan	Good,close to track
880	210766	14	31	500050	5448220	B;tan	Good,old workings nearby
881	210767	10	21	500050	5448240	B;tan	V.good
882	210768	7	13	500050	5448260	B;tan	Good,10m S of valley floor,nr track
883	210769	11	22	500050	5448280	B?;tan	Good?,from under tailings,possibly contaminated
884	210770	2370	287	500050	5448300		Poor,mostly tailings
885	210771	1330	215	500050	5448320		Poor,waste,tailings & creek sands,should contain gold
886	210772	46	59	500050	5448340	B?;	Poor,5m S of hwy,road workjings and tailings
887	210773	26	56	500050	5448380	B;tan	Good
888	210774	52	123	500050	5448400	B;tan	Good,5%qtz
889	210775	61	100	500050	5448420	B;tan	Good
890	210776	51	147	500050	5448440	B;tan	Good
891	210777	53	100	500050	5448460	B;tan	Good
892	210778	93	100	500050	5448480	B;tan	Good
893	210779	30	53	500050	5448500	A-B;grey	Reasonable,on creek valley,25"depth
894	210780	<5	11	500050	5448520	B;tan/grey	Good,on valley floor
895	210781	<5	<1	500050	5448540	B;grey	Poor,mostly qtz gravel
896	210782	<5	<1	500050	5448560	B;tan	Good
897	210783	<5	3	500050	5448580	B;tan/grey	Reasonable sample on valley floor,some ground disturbance
898	210784	5	<1	500050	5448600	B;tan	Good

500100E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1075	212830	6		500100	5448300	B;tan	Good,road side cutting
1076	212831	NS		500100	5448320	No sample	
1077	212832	61		500100	5448340	B;tan/grey	Reasonable,ground disturbed
1078	212833	NS		500100	5448360	No sample	
1079	212834	11		500100	5448380	B;tan	Good,from track wall Nth of main Rd
1080	212835	15		500100	5448400	B;tan	Good
1081	212836	22		500100	5448420	B;tan	Good,trenching 10m Nth
1082	212837	64		500100	5448440	B;tan	Good
1083	212838	9		500100	5448460	B;tan	Good
1084	212839	36		500100	5448480	B;tan	Good
1085	212840	9		500100	5448500	B;tan	Good

500600E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1454	213232	<5		500600	5448200	B;tan/grey	Good,very deep
1455	213233	<5		500600	5448220	B;grey/tan	Reasonable,very deep,slight valley
1456	213234	<5		500600	5448240	B;tan	Good
1457	213235	<5		500600	5448260	B;tan	Good
1458	213236	5		500600	5448280	B;tan	Very good
1459	213237	30		500600	5448300	B;tan	Good
1460	213238	7		500600	5448320	B;tan	Good
1461	213239	5		500600	5448340	B;tan	Good,lots of qtz
1462	213240	<5		500600	5448360	B;tan	Good
1463	213241	5		500600	5448380	B;tan	Good
1464	213242	<5		500600	5448400	B;tan	Good
1465	213243	<5		500600	5448420	B;tan	Good
1466	213244	7		500600	5448440	B;tan	Good
1467	213245	6		500600	5448460	B;tan	Good
1468	213246	5		500600	5448480	B;tan	Good

500700E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
	213247	NS		500700	5448200		
1469	213248	6		500700	5448220	B;tan/grey	OK,very deep
1470	213249	<5		500700	5448240	B;tan	Good
1471	213250	<5		500700	5448260	B;tan	Good
1472	213251	7		500700	5448280	B;tan	Good
	213252			500700	5448300	B;tan	Good
1473	213253	22		500700	5448320	B;tan	Good
1474	213254	17		500700	5448340	B;tan	Good
1475	213255	16		500700	5448360	B;tan	Good
1476	213256	5		500700	5448380	B;tan	Good,lots of qtz
1477	213257	<5		500700	5448400	B;tan	Good
1478	213258	<5		500700	5448420	B;tan	Good
1479	213259	<5		500700	5448440	B;tan	Good
1480	213260	<5		500700	5448460	B;tan	Good,on road side
1481	213261	<5		500700	5448480	B;tan	Good,N of hwy

49700N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
735	210621	<5	7	498240	5449700	B;tan	Good,ground disturbed by old workings
736	210622	<5	<1	498260	5449700	?;grey/tan	V.poor,mainly qtz,very deep qtz cover,unable to
737	210623	<5	8	498280	5449700	B;tan	Reasonable,area badly disturbed
738	210624	<5	1	498300	5449700	B;tan	Good,from old trench wall
739	210625	<5	2	498320	5449700	B;tan	Good,10%qtz,area disturbed 4m N
740	210626	<5	2	498340	5449700	B;tan	Good,2-5%qtz,area is disturbed
741	210627	<5	1	498360	5449700	B;tan	Good,ground disturbed
742	210628	<5	2	498380	5449700	B;tan	Good,ground disturbed
743	210629	<5	5	498400	5449700	B;tan	Good
744	210630	<5	16	498420	5449700	B;grey/tan	Mainly qtz,old workings throughout,25"depth,pos
745	210631	<5	10	498440	5449700	B;grey/tan	Good,ground surface disturbed
746	210632	<5	14	498460	5449900	B;tan/grey	Good,from old trench 10m W
747	210633	10	24	498480	5449900	B;tan	Good
748	210634	52	70	498500	5449900	?	Poor,tailings dump
749	210635	22	52	498520	5449900	?	Poor,tailings dump
750	210636	15	31	498540	5449900	?	Poor,tailings dump
751	210637	16	19	498560	5449900	?	Poor,qtz gravel only

49900N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
711	210596	<5	3	498100	5449900	B;grey	Reasonable,60%qtz,close to creek
712	210597	<5	2	498120	5449900	B;tan	Good,5%qtz,ground disturbed
713	210598	<5	5	498140	5449900	B;tan	Good
714	210599	<5	5	498160	5449900	C;tan	Rock o/c near surface,5"deep,Fe stained sst chips in sample
715	210600	<5	2	498180	5449900	B;tan	Good
716	210601	<5	2	498200	5449900	B;tan	Good
717	210602	<5	3	498220	5449900	B;tan	Good
718	210603	<5	7	498240	5449900	B;tan	Good
719	210604	<5	6	498260	5449900	B;tan	Good
720	210605	<5	4	498280	5449900	B;tan	Good
721	210606	<5	4	498300	5449900	B;tan/grey	Good
722	210607	<5	4	498320	5449900	B;grey/tan	Good,from valley floor,20"deep
723	210608	<5	5	498340	5449900	B;grey	Reasonable,valley flor,20"deep
724	210609	19	10	498360	5449900	A;grey	Poor, creek valley,organic rich material
725	210610	<5	8	498380	5449900	B;tan/grey	Good,ground disturbed
726	210611	<5	5	498400	5449900	B;tan	Good
727	210612	<5	8	498420	5449900	B;tan	Good
728	210613	<5	12	498440	5449900	B;tan	Good,20%qtz,ground badly disturbed
729	210614	<5	11	498460	5449900	B;tan	Good,ground disturbed
730	210615	<5	13	498480	5449900	B;tan/grey	Reasonable,abund qtz,disturbed by old workings, top of ridge
731	210616	<5	11	498500	5449900	B;tan	Good,area disturbed
732	210617	<5	13	498520	5449900	B;tan	Good,area disturbed
733	210618	<5	14	498540	5449900	B;tan	Good,area disturbed
734	210619	<5	21	498560	5449900	B;grey/tan	Reasonable,ground heavily disturbed,possibly contaminated

50000N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
686	210571	<5	3	498100	5450000	B;grey	Good,near creek valley,20"depth
687	210572	<5	7	498120	5450000	B;tan	Good,ground disturbed by old workings
688	210573	<5	9	498140	5450000	B;tan	Good,ground disturbed by old workings
689	210574	<5	7	498160	5450000	B;tan	Good,ground disturbed by old workings
690	210575	<5	6	498180	5450000	B;tan	Good,small trench nearby
691	210576	<5	7	498200	5450000	B;tan	Good
692	210577	<5	6	498220	5450000	B;tan	Good,W end of New Native Youth is 20m N
693	210578	<5	12	498240	5450000	B;tan	Good
694	210579	<5	8	498260	5450000	B;tan	Good,4m N of peg,old trench nearby
695	210580	<5	6	498280	5450000	B;tan/grey	Good,fairly deep 20"
696	210581	<5	4	498300	5450000	B;tan/grey	Good,fairly deep 20"
697	210582	<5	11	498320	5450000	B;grey/tan	Reasonable,fairly deep(25"),start of creek valley
698	210583	<5	8	498340	5450000	B;tan	Good,20m W of creek
699	210584	<5	6	498360	5450000	B;grey	Reasnable,on creek valley
700	210585	<5	9	498380	5450000	B;grey/tan	Good,20% qtz,ground disturbed by old workings
701	210586	<5	11	498400	5450000	B;tan	Good,old workings nearby
702	210587	<5	12	498420	5450000	B;tan	Good, area disturbed,old shaft 10m N
703	210588	<5	14	498440	5450000	B;tan	Good,ground disturbed
704	210589	<5	16	498460	5450000	B;tan	Good,ground disturbed
705	210590	20	40	498480	5450000	B;tan	Good,ground disturbed
706	210591	42	47	498500	5450000	B;tan	Good,ground disturbed
707	210592	57	31	498520	5450000	B;tan	Good,area heavily disturbed,possibly transported
708	210593	1320	1904	498540	5450000	?,grey/tan	Shaft dump material
709	210594	100	102	498560	5450000	?B;tan/grey	Poor,area badly disturbed,10m S,most likely transported
710	210595	<5	32	498580	5450000	B;tan/grey	Poor,area badly disturbed,taken 20m S of peg

50100N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
668	210553	<5	3	498100	5450100	B;tan	Good,no qtz
669	210554	<5	3	498120	5450100	B;tan	V good
670	210555	<5	12	498140	5450100	B;tan	V good
671	210556	<5	8	498160	5450100	B-C;tan	Good,ground disturbed by old workings,sample includes rock chips
672	210557	<5	3	498180	5450100	B;tan	Good
673	210558	<5	5	498200	5450100	B;tan	Good
674	210559	<5	4	498220	5450100	B;tan	Good
675	210560	<5	4	498240	5450100	B;tan	Good
676	210561	<5	4	498260	5450100	B;grey/tan	Good,ground slightly disturbed
677	210562	<5	8	498280	5450100	B;grey	Reasonable,mainly fine sands,25"depth
678	210563	<5	4	498300	5450100	B;tan/grey	Good,old trench nearby,10%qtz
679	210564	<5	3	498320	5450100	B;grey/tan	Good,some qtz on developed ground
680	210565	<5	8	498340	5450100	B;grey/tan	Good,some qtz on developed ground,25"depth
681	210566	<5	2	498360	5450100	B;grey	Reasonable,near creek
682	210567	20	10	498380	5450100	B;grey	Poor,ground disturbed in creek valley
683	210568	<5	3	498400	5450100	B;grey	Poor,mainly compacted qtz gravel,ground disturbed
684	210569	<5	12	498420	5450100	B;grey	Reasonable,ground heavily disturbed
685	210570	<5	6	498440	5450100	B;grey/tan	Good,qtz in soil,small shaft nearby on baseline
752	210638	73	14	498460	5450100	B;grey/tan	Good,20%qtz,developed land
753	210639	<5	22	498480	5450100	B;grey/tan	Good,20%qtz,developed land
754	210640	5	77	498500	5450100	B;tan	Good,paddock
755	210641	<5	24	498520	5450100	B;tan	Good,paddock
756	210642	<5	28	498540	5450100	B;tan	Good,paddock
757	210643	14	57	498560	5450100	B;tan	Good,paddock
758	210644	14	38	498580	5450100	B;tan	Good,paddock
759	210645	6	14	498600	5450100	B;grey/tan	Reasonable,in valley near small dam

50300N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
848	210734	<5	2	498500	5450300	A-B;grey	Reasonable,from creek valley,mainly sand/silt
849	210735	10	7	498480	5450300	B;tan/grey	Good,lower slope nr creek valley
850	210736	<5	1	498440	5450300	B;tan	V.good
851	210737	<5	1	498400	5450300	A;grey	Poor,mainly qtz gravel,25"depth
852	210738	<5	2	498360	5450300	B;tan	Good
853	210739	<5	3	498320	5450300	B;tan	Good
854	210740	5	6	498280	5450300	B;tan	Good
855	210741	<5	3	498240	5450300	B;tan	Good
856	210742	<5	4	498200	5450300	B;tan	Good,ground disturbed by old workings
857	210743	<5	7	498160	5450300	B;tan/grey	Reasonable,mainly fine sands

50400N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1268	213024	5		498350	5450400	B;tan	Good,on side of old track
1269	213025	9		498370	5450400	B;tan	Good
1270	213026	<5		498390	5450400	B;tan	Good
1271	213027	<5		498410	5450400	B;tan	Good
1272	213028	<5		498430	5450400	B;tan	Good,lots of old working
1273	213029	<5		498450	5450400	B;tan	Good,lots of old shafts in area
1274	213030	5		498470	5450400	B;tan	Good,lots of old shafts
1275	213031	18		498490	5450400	B;tan	Good
1276	213032	7		498510	5450400	B;tan	Good
1277	213033	<5		498530	5450400	B;tan	Good,from old trench wall
1278	213034	<5		498550	5450400	B;tan	Good

50500N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
858	210744	8	2	498500	5450500	B;grey	Poor,from extremely compacted qtz gravel horizon
859	210745	7	3	498480	5450500	B;tan	Good, many old trenches and shafts nearby
860	210746	<5	5	498440	5450500	B;tan	Good,ground disturbed
861	210747	<5	4	498400	5450500	B;tan	Good,east of track
862	210748	<5	4	498360	5450500	B;tan	Good,1%qtz
863	210749	<5	8	498320	5450500	B;tan	Good,1%qtz
864	210750	<5	3	498280	5450500	B;tan	Good,1%qtz
865	210751	<5	5	498240	5450500	B;tan	Good,1%qtz
866	210752	<5	12	498200	5450500	B;tan/grey	Good,5%qtz
867	210753	<5	15	498160	5450500	B;tan	Good
868	210754	<5	3	498120	5450500	B;tan/grey	Good,valley floor
869	210755	<5	7	498080	5450500	B;tan	Good
870	210756	6	24	498040	5450500	B;tan	Good
871	210757	27	85	498000	5450500	B;tan	Good
872	210758	<5	16	497960	5450500	B;tan	Good
873	210759	<5	<1	497920	5450500	A;grey	Poor,25"depth,creek valley,mainly fine sands

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments	
1286	213043	8		498350	5450600	B;tan	Good,auger,0.8m	
1287	213044	<5		498370	5450600	B;tan	Good,auger,0.7m	
1288	213045	<5		498390	5450600	B;tan	Good,auger,0.8m	
1289	213046	<5		498410	5450600	B;tan	Good,auger,0.7m,paddock	
1290	213047	<5		498430	5450600	B;tan	Good,auger,0.7m,paddock	
1291	213048	5		498450	5450600	B;tan	Good,auger,0.7m,paddock	
1292	213049	2470		498470	5450600	B;tan	Good,auger,0.7m,paddock	
1293	213050	9		498490	5450600	B;tan	Good,auger,0.7m,paddock	
1294	213051	15		498510	5450600	B;tan	Good,auger,0.7m,on fence line	
1295	213052	7		498530	5450600	B;tan	Good	
1296	213053	5		498550	5450600	B;tan	Good	
1297	213054	8		498570	5450600	B;tan	Good,deep shaft 10m E	
1298	213055	<5		498590	5450600	?;tan	Waste dump material	
1299	213056	5		498610	5450600	B;tan/grey	Probably contaminated,much surface a	
	213057	NS		498630	5450600		On Lefroy Road	
	213058	NS		498650	5450600		East of road	

50700N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1300	213059	<5		498350	5450700	B;tan	Excellent,auger,0.9m,on creek bed
1301	213060	<5		498370	5450700	B;tan	Good,auger,0.7m,creek valley
1302	213061	<5		498390	5450700	B;tan	Good,auger,0.7m
1303	213062	<5		498410	5450700	B;tan	Good,auger,0.9m
1304	213063	<5		498430	5450700	B;tan	Good,auger,0.9m
1305	213064	<5		498450	5450700	B;tan	Good,auger,0.7m
1554	213065	<5		498470	5450700	B;tan	Reasonable,auger,hard qtz,paddock
1555	213066	12		498490	5450700	B;tan	Good,auger 0.7m,lots oq qtz
1556	213067	8		498510	5450700	B;tan/grey	Reasonable,auger,0.7m,0.5kg only
1557	213068	5		498530	5450700	B;tan	Good,auger 1.0m,
1558	213069	10		498550	5450700	B;tan	Good,auger 1.0m,nr main road
	213070	NS		498570	5450700		
	213071	NS		498580	5450700		

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Sample type	Comments
220	210106	<5	10	498460	5450900	B;grey/tan	Reasonable,side of main road
221	210107	171	100	498480	5450900	B;grey(clay white)	Poss transported
222	210108	10	22	498500	5450900	B-C;grey	Graveley/sandy?transported,edge of paddock
223	210109	<5	1	498520	5450900	B-C;grey	Poor,gravel/sandy soil,paddock developement
224	210110	35	43	498540	5450900	B-C;grey	Quartz gravel, lode or paddock gravel
225	210111	<5	3	498560	5450900	B;grey/tan	Good,25"depth on edge of paddock
226	210112	<5	<1	498580	5450900	B;grey	50%Qtz gravel, compacted disturbed by mining activity
227	210113	<5	1	498600	5450900	B;grey	50%qtz gravel,compacted,5"depth,old workings
228	210114	<5	3	498620	5450900	B;grey	Mainly qtz gravel,hevy ground disturbance
229	210115	<5	17	498640	5450900	B-C;tan	Good,gravel cleared by workings
230	210116	6	6	498660	5450900	B-C;tan	Good,surface gravel cleared by old workings
231	210117	<5	7	498680	5450900	C;dark & tan	Stripped by old workings
232	210118	<5	<1	498700	5450900	C;dark/tan	Stripped by old workings
233	210119	31	3	498720	5450900	B-C?grey	60-70%qtz,little soil no bedrock
234	210120	<5	5	498740	5450900	B-C;grey/dark	OK,poss transported
235	210121	<5	11	498760	5450900	B;tan/grey	Reasonable,gravel dump nearby
236	210122	<5	<1	498780	5450900	A-B;	90%qtz gravel
237	210123	<5	1	498800	5450900	B;grey	Good,20%qtz
238	210124	20	7	498820	5450900	B;grey/tan	Good,disturbed ground
239	210125	<5	1	498840	5450900	B;grey	Reasonable,qtz gravels and sands
240	210126	<5	<1	498860	5450900	B;grey	Quartz and fine sands disturbed
386	210270	90	24	498440	5450900	B;grey/tan	Good,rounded qtz pebbles,poss alluvial
387	210271	<5	4	498400	5450900	B;	Poor,qtz gravel
388	210272	16	7	498360	5450900	B?;tan	Good disturbed ground
389	210273	<5	1	498320	5450900	B;qtz gravels	Poor,unable to get through qtz gravels
390	210274	<5	1	498280	5450900	B	Qtz gravels,unable to get
391	210275	<5	38	498240	5450900	B;tan	Good,15" depthdisturbed ground
392	210276	<5	4	498200	5450900	B;tan/grey	Good,20"depth,area badly disturbed
393	210277	<5	7	498160	5450900	B;grey	Reasonable,20"depth,area badly disturbed
394	210278	<5	3	498120	5450900	B;grey/tan	Good,sample 4m W,away from creek
395	210279	<5	1	498080	5450900	B;grey	Good,5m W,mainly fine sands and quartz
396	210280	<5	4	498040	5450900	B;grey	Good,20"depth,deep organic material on gravel surface,some qtz
397	210281	<5	4	498000	5450900	B;tan/grey	Reasonable,heavy disturbance
398	210282	<5	2	497960	5450900	B;grey	Good,
399	210283	<5	<1	497920	5450900	B;grey	Good,next to recent costean
400	210284	<5	<1	497880	5450900	B;grey	Good,from trench wall,costean 25mN
401	210285	<5	1	497840	5450900	B;grey/tan	Good,some ground disturbance
402	210286	<5	2	497800	5450900	B;grey	Good,20"depth,10%qtz,ground disturbance
403	210287	<5	<1	497760	5450900	B;tan/grey	Good
404	210288	<5	4	497720	5450900	B;tan	Good
405	210289	<5	4	497680	5450900	B;tan	Good
406	210290	<5	4	497640	5450900	B;tan	Good
407	210291	<5	3	497600	5450900	B;grey	Good,low valley,10%qtz
408	210292	<5	2	497560	5450900	B;grey	Good,in stream depression
409	210293	<5	2	497520	5450900	B;grey	Good,5%qtz,low valley
598	210483	<5	5	497480	5450900	B;tan/grey	Good,some qtz in soil and on surface
599	210484	<5	6	497440	5450900	B;tan	Good,small trench nearby
600	210485	<5	12	497400	5450900	B;tan	Good
601	210486	<5	5	497360	5450900	B;tan	Good,some qtz in soil,ground disturbance
602	210487	<5	4	497320	5450900	B;grey/tan	Good,qtz through sample,ground disturbed
603	210488	11	5	497280	5450900	B;tan/grey	Good
604	210489	<5	7	497240	5450900	B;tan	Good,qtz gravel on surface,some qtz in sample
605	210490	<5	5	497200	5450900	B;tan	Good

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Sample type	Comments
241	210015	40	15	498450	5451100	B;grey/tan	Old diggings, contaminated?
242	210016	14	167	498470	5451100	?;grey/tan	Old digging wall,poss contaminated
243	210127	<5	<1	498490	5451100	B;grey	Good,poss alluvial,old workings
244	210128	<5	238	498510	5451100	B;grey	Good,poss alluvial
245	210129	<5	<1	498530	5451100	B;grey	Good workings
246	210130	11	13	498550	5451100	B;grey	Reasonable,mostly qtz
247	210131	<5	1	498570	5451100	B;grey/tan	Good,badly disturbed
248	210132	<5	5	498590	5451100	?;tan	From old dump
249	210133	<5	6	498610	5451100	B;grey	Poor,qtz gravel
250	210134	<5	18	498630	5451100	B;grey	Poor,qtz gravel little soil,ground disturbance
251	210135	<5	6	498650	5451100	B?;grey	Poor,poss transported
252	210136	<5	2	498670	5451100	?;grey	Poor,ground disturbance
253	210137	7	7	498690	5451100	?;grey	Poor sample on road side
254	210138	<5	1	498710	5451100	B;grey	Poor,mainly qtz gravel,ground disturbance
255	210139	<5	<1	498730	5451100	B;grey	Poor, mainly qtz gravel,ground disturbance
256	210140	<5	4	498750	5451100	B;grey	Good,ground activity
257	210141	<5	<1	498770	5451100	B;grey	Good,ground activity
258	210142	<5	12	498790	5451100	B;grey	Good,50m N of E Pinafore shaft
259	210143	<5	5	498810	5451100	B;grey	Good,N of E Pinafore shaft
260	210144	<5	1	498830	5451100	B;grey	Reasonable,ground activity
261	210145	8	5	498850	5451100	B;grey	Poor,ground disturbance
262	210146	<5	6	498870	5451100	B;grey	Poor,ground activity
263	210147	<5	1	498890	5451100	B;grey/tan	Good
340	210224	<5	32	498430	5451100	?;tan/grey	Poor,main road and old workings
341	210225	26	40	498410	5451100	B;tan	Good,nr main road
342	210226	11	213	498390	5451100	B;tan	Good,nr main track
343	210227	95	44	498350	5451100	B;tan	Good,from old trench wall
344	210228	<5	9	498330	5451100	B;tan	Good,from wall of old trench
345	210229	<5	7	498310	5451100	B;grey/tan	Good ?o/c and ground heavily disturbed
346	210230	311	179	498290	5451100	B?/grey	Badly disturbed,possibly tailings
347	210231	<5	9	498250	5451100	B;grey/tan	Good,disturbed ground
348	210232	<5	16	498230	5451100	B;grey/tan	Good
349	210233	<5	63	498210	5451100	B;grey/tan	Good,from hole dug into wall
350	210234	<5	2	498190	5451100	B;grey	Qtz gravel,unable to get through
351	210235	7	11	498170	5451100	B;grey	Reasonable,area disturbed
352	210236	63	12	498150	5451100	B;grey	Reasonable, dug from wall of old digging,poss contaminated
353	210237	<5	8	498130	5451100	B;grey/tan	Good
354	210238	6	7	498110	5451100	B;tan	Good,workings nearby
355	210239	14	18	498090	5451100	B;grey/tan	5%qtz,from wall of working,poss contaminated
356	210240	<5	4	498070	5451100	B;tan/grey	Good
357	210241	<5	1	498050	5451100	B;grey	Qtz gravel
358	210242	<5	5	498030	5451100	B;tan	Good,old workings nearby
359	210243	<5	5	498010	5451100	B;tan	Good,area disturbed
360	210244	<5	2	497990	5451100	B;grey/tan	Good,some disturbance
361	210245	<5	7	497970	5451100	B;tan	Good, disturbed ground due to old dwellings
362	210246	<5	7	497950	5451100	B;tan	Good
363	210247	<5	3	497930	5451100	B;tan	Good,10m N of peg,waste dump 10m S
364	210248	<5	7	497910	5451100	B;tan/grey	Good, extensive workings nearby
365	210249	<5	3	497890	5451100	B;grey	Poor,mainly qtz gravel
366	210250	<5	7	497870	5451100	?;grey	Poor, mainly qtz gravel
367	210251	<5	2	497850	5451100	B;grey	Poor, below large waste dump
368	210252	<5	11	497830	5451100	B;tan/grey	Good, from trench wall, extensive old workings
369	210253	<5	<1	497810	5451100	B;	Reasonable, qtz gravel, disturbed ground,unable to get through
370	210254	<5	2	497790	5451100	B?;	Poor, qtz gravel, Chum United waste material
371	210255	<5	8	497770	5451100	?	Poor, qtz gravel,unable to get through
372	210256	460	44	497750	5451100	?	Poor, waste dump ChumUnited
373	210257	1300	3138	497730	5451100	?	Poor, waste from Chum United
374	210258	131	578	497710	5451100	?	Waste dump material
375	210259	7	8	497690	5451100	B;grey/tan	Good,poss contaminated from waste dump nearby
376	210260	8	5	497670	5451100	B;grey/tan	Good,ground disturbed 40m N of Cum United
377	210261	<5	5	497650	5451100	B;grey/tan	Good,40m N of Chum United, nr track
378	210262	<5	6	497630	5451100	B;grey/tan	Good,10m E of creek
379	210263	7	13	497610	5451100	B;dark grey	20'depth, mainly alluvial due to dense vegetation nr creek
380	210264	9	86	497590	5451100	B;grey/tan	Good
381	210265	16	150	497570	5451100	B;grey/tan	Good,ground disturbed, from trench wall
382	210266	51	328	497550	5451100	B;tan	Good,ground disturbed, from old trench wall
383	210267	87	226	497530	5451100	B;tan/grey	Good
384	210268	80	370	497510	5451100	B;tan	Good
385	210269	130	374	497490	5451100	B;tan	Good,ground disturbed,20m E of Youn Chums shaft
583	210468	18	29	497470	5451100	B;tan/grey	Good,close to shaft,poss.some contamination
584	210469	28	100	497450	5451100	B;tan	Good,area disturbed by old workings,qtz float
585	210470	15	49	497430	5451100	B;tan/grey	Good,area disturbed by old workings,qtz float
586	210471	5	18	497410	5451100	B;tan	Good area disturbed by old workings,qtz float
587	210472	11	23	497390	5451100	B;tan/grey	Good,area disturbed by old workings,qtz float
588	210473	8	11	497370	5451100	B;tan	Good,area disturbed by old workings,qtz float
589	210474	6	18	497350	5451100	B;tan/grey	Good,area disturbed by old workings,qtz float

590	210475	6	15	497330	5451100	B:tan/grey	Good area disturbed by old workings qtz float
591	210476	<5	12	497310	5451100	B:grey	Reasonable,20"depth some qtz in thick layer
592	210477	<5	9	497290	5451100	B:tan/grey	Good,some qtz through soil 20"depth,ck 20mW
593	210478	<5	6	497270	5451100	B:grey	Reasonable,on valley floor,no qtz, mainly clays
594	210479	<5	4	497250	5451100	B:grey	Reasonable on valley floor, some qtz in soil
595	210480	<5	6	497230	5451100	B:grey	OK within valley floor clays only, 25"depth
596	210481	<5	9	497210	5451100	B:grey/tan	Good,ground slightly disturbed
597	210482	<5	9	497190	5451100	B:grey/tan	Good some qtz W of valley floor on next ridge

51300N

Uniq No	Sample No	Au ppb	As ppm	Easting	Northing	Soil Type	Comments
72	P407072	29	15	498460	5451300	?	Not good,old tailings, disturbed ground, contaminated
73	P407073	310	436	498440	5451300	?	Not good, contaminated,old tailings, disturbed
74	P407074	75	482	498420	5451300	Grey	Not good, contaminated, old mine dumps
75	P407075	14		498400	5451300	?B:Grey/tan	Sample taken on cut bank wall,old mining activity
76	P407076	9	4	498380	5451300	B:grey sands	Very compacted ground,20"depth
77	P407077	6	3	498360	5451300	B: grey fine sands	Fair,15"depth
78	P407078	12	11	498340	5451300	Fine grey sands	Plus15"depth,disturbed area
79	P407079	13	6	498320	5451300	Fine greysands/silts	15"depth
80	P407080	2645	1854	498300	5451300	B:grey	Badly disturbed by mining activity,contaminated
81	P407081	20	14	498280	5451300	B:grey	Reasonable sample,disturbed by mining activity
82	P407082	23	388	498260	5451300	B:grey	Good,disturbed area
83	P407083	252	19	498240	5451300	B:grey	Good,disturbed area
84	P407084	62	357	498220	5451300	B:grey	Reasonable,disturbed ground
85	P407085	11	45	498200	5451300	?B:grey	Reasonable,disturbed ground
86	P407086	10	25	498180	5451300	B:tan/grey	5%qtz,good,5m S
87	P407087	7	38	498160	5451300	B:tan/grey	Good,disturbed ground
88	P407088	466	370	498140	5451300	B:tan/grey	Poor,ground disturbed
89	P407089	12	11	498120	5451300	B:tan/grey	Reasonable,ground disturbed
90	P407090	7	12	498100	5451300	B:grey	Poor,on creek bank in disturbed ground
91	P407091	25	31	498080	5451300	?grey	Poor, disturbed ground
92	P407092	9	18	498060	5451300	B:grey	Reasonable,18"depth
93	P407093	66	38	498480	5451300	Tan	Poor,heavy disturbed ground,nr main road
94	P407094	6	1	498520	5451300	Grey	50-60%qtz,disturbed ground close to main road
95	P407095	21	5	498540	5451300	B:tan	Good,2%qtz,shafts nearby
96	P407096	28	16	498560	5451300	B:tan	Good,5%qtz
97	P407097	13	4	498580	5451300	B:tan	Good,10%qtz,small shafts nearby
98	P407098	8	1	498600	5451300	B:grey	Good,mainly qtz(4m East)
99	P407099	6	1	498620	5451300	Grey	Good,mainly quartz,some disturbed ground
100	P407100	5	2	498640	5451300	Grey	60%qtz,some disturbance
101	P407509	13	5	498660	5451300	B:tan	Good,disturbed ground
102	P407510	9	3	498680	5451300	B:tan	Good,ground disturbed
103	P407511	12	2	498700	5451300	B:grey/tan	Good,20%qtz,disturbed ground
104	P407512	15	6	498720	5451300	B:grey/tan	Good,15"depth,20%qtz,old shaft 25m S
105	P407513	7	3	498740	5451300	B:grey/tan	Good,25%qtz,disturbed,between two shafts
106	P407514	10	3	498760	5451300	B:grey/tan	Reasonable,heavily disturbed ground
107	P407515	9	3	498780	5451300	B:grey/tan	Reasonable,ground is heavily disturbed,old shafts and t
108	P407516	7	<1	498800	5451300	B:grey	Good, compacted sands,qtz
109	P407517	7	<1	498820	5451300	B:grey	Good,qtzrtic layers over sed,shallow
110	P407518	7	4	498840	5451300	B:grey	Possible basalt layer near surface,old trenching
111	P407519	7	2	498860	5451300	B:grey/tan	Good, ground disturbed
112	P407520	10	1	498880	5451300	B:grey	Reasonable,disturbed ground,old workings
113	P407521	10	2	498900	5451300	B:tan/grey	Good,near track
114	P407522	8	3	498920	5451300	grey/tan	Good
115	P407523	8	<1	498940	5451300	B:grey	Good, fine sediment
116	P407524	6	<1	498960	5451300	B:grey	Good,some ground activity
117	P407525	10	11	498980	5451300	B:dark/tan	Reasonable,from valley/depression
118	P407526	9	7	499000	5451300	B:grey	Reasonable
1026	210912	<5		498000	5451300	B:tan/grey	Good,5m W of peg
1027	210913	<5		497960	5451300	B:tan	Good,8m S of peg
1028	210914	<5		497920	5451300	B:tan/grey	Reasonable on creek valley
1029	210915	<5		497880	5451300	B:tan/grey	Good,slightly leached horizon
1030	210916	<5		497840	5451300	B:tan	Good,some qtz pebbles
1031	210917	<5		497800	5451300	B:tan/grey	Good,50%qtz
1032	210918	<5		497760	5451300	B:tan	Good,shale,some Fe stain
1033	210919	<5		497720	5451300	B:tan	Good,5%qtz
1034	210920	<5		497680	5451300	B:tan	Good,5%qtz
1035	210921	<5		497640	5451300	B:tan	Good,5%qtz
1036	210922	<5		497600	5451300	B:tan	Good,10%qtz
1037	210923	<5		497560	5451300	B:tan	Good
1038	210924	<5		497520	5451300	B:tan	Good,5%qtz

51450N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1482	213262	<5		498000	5451450	B;tan/grey	Reasonable,in creek valley
1483	213263	12		498040	5451450	B;tan	Good
1484	213264	6		498080	5451450	B;tan	Good
1485	213265	11		498120	5451450	B;tan	Good
1486	213266	6		498160	5451450	B;tan	Good
1487	213267	12		498200	5451450	B;tan	Good,5% dark brown stained qtz
1488	213268	6		498240	5451450	B;tan	Good
1489	213269	30		498280	5451450	B;tan	Good,from trench wall
1490	213270	<5		498320	5451450	B;tan	Good,from trench wall
1491	213271	8		498360	5451450	B;tan	OK, from old trench wall
1492	213272	12		498400	5451450	B;tan	OK,from old trench wall
1493	213273	<5		498440	5451450	B;tan	OK,from old trench wall
	213274			498450	5451450		

51700N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1494	213275	10		498250	5451700	B;tan	Good
1495	213276	<5		498290	5451700	B;tan	Good
1496	213277	9		498330	5451700	B;tan	Good
1497	213278	15		498370	5451700	B;tan	Good
1498	213279	<5		498410	5451700	B;tan	Good
	213280			498450	5451700		
1499	213281	<5		498490	5451700	B;tan/grey	Poor,main road nearby,ground disturbance
1500	213282	<5		498510	5451700	B;grey	Poor,auger to 1.0m
1501	213283	7		498550	5451700	B;grey	Poor,very deep cover

52000N

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1502	213284	<5		498000	5452000	B;tan	Good
1503	213285	26		498040	5452000	B;tan	OK,from old trench wall
1504	213286	<5		498080	5452000	B;tan	Good
1505	213287	<5		498120	5452000	B;tan	Good
1506	213288	<5		498160	5452000	B;tan	Good,ground disturbed
1507	213289	<5		498200	5452000	B;tan	Good
1508	213290			498240	5452000	B;tan	Good
1509	213291	56		498280	5452000	A;grey	Reasonable,very deep
1510	213292	6		498320	5452000	B;tan	Good
1511	213293	6		498360	5452000	A/B;grey	Poor,could not get through qtz
1512	213294	<5		498400	5452000	B;tan/grey	Reasonable,deep
1513	213295	15		498440	5452000	A/B;grey	Poor,could not get through qtz layer
1514	213296	8		498480	5452000	B;tan	Good,on road side cut
1515	213297	<5		498520	5452000	A/B;grey	Poor,very deep cover,unable to get through
1516	213298	<5		498560	5452000	A;grey	Poor,thick organic cover
1517	213299	7		498600	5452000	B;tan	Good
1518	213300	16		498640	5452000	B;tan	Good,ground disturbed
1519	213301	11		498680	5452000	B;tan	Good
1520	213302	<5		498700	5452000	B,tan	Good,disturbed ground with old workings

497300E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
606	210491	<5	5	497300	5450800	B;grey/tan	Good,ground disturbed
607	210492	<5	6	497300	5450840	B;tan	Good
608	210493	15	8	497300	5450880	B;tan/grey	Good, close to old shaft
609	210494	7	7	497300	5450920	B;tan/grey	Good,nr top of ridge
610	210495	5	7	497300	5450960	B;tan/grey	Good,top of ridge
611	210496	8	7	497300	5451000	B;tan	Good,ground disturbed,sample 5mW of peg
612	210497	10	9	497300	5451040	B;tan	Good
613	210498	16	30	497300	5451080	B;grey/tan	Good,some ground disturbance
614	210499	9	9	497300	5451120	B;grey/tan	Good,ground disturbed,some qtz in sample

498350E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
1306	213072	<5		498350	5450300	B;tan	Good
1307	213073	5		498350	5450320	B;grey/tan	Reasonable,deep
1308	213074	<5		498350	5450340	A;grey	Could not break through,v. deep
1309	213075	<5		498350	5450360	B;tan	Good
1310	213076	<5		498350	5450380	B;tan	Good
	213077	NS		498350	5450400	NS	
1311	213078	<5		498350	5450420	B;tan	Good
1312	213079	<5		498350	5450440	B;tan	Good
1313	213080	<5		498350	5450460	B;tan	Good,deep shaft nearby
1314	213081	<5		498350	5450480	A;grey	Poor,compacted quartz
1315	213082	9		498350	5450500	B;tan	Good
1316	213083	<5		498350	5450520	B;tan	Good
1317	213084	7		498350	5450540	B;tan	Good
1318	213085	5		498350	5450560	B;grey/tan	Poor,old pits
1319	213086	<5		498350	5450580	A;grey	Poor,cannot auger through compacted qtz
NS	213087			498350	5450600		
1320	213088	<5		498350	5450620	B;tan	Good,auger,1.0m
1321	213089	<5		498350	5450640	B;tan	Good,auger 1.0m,possibly basalt,organic
1322	213090	<5		498350	5450660	A;grey	Poor,auger 0.6m,sands only
1323	213091	<5		498350	5450680	B;tan	OK,auger,1.0m, 0.8m of leached sands and qtz pebbles
NS	213092			498350	5450700		

UniqNo	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
264	210148	28	48	498450	5451300	B-C;grey	Poor,ground disturbance, tailings on surface
265	210149	214	332	498450	5451260	B-C;grey	Poor,much ground disturbance and possible tailings
266	210150	714	564	498450	5451220	B-C;grey	Poor(as above),close to main road
267	210151	23	9	498450	5451180	B;tan/grey	Good,5%qtz
268	210152	8	20	498450	5451140	B-C;grey	Poor,70%qtz gravels,not penetrated through
269	210153	50	275	498450	5451060	C;tan	Poor,sample from old dump around diggings
270	210154	<5	6	498450	5451020	B?;grey	Poor,fine sands near main road area disturbed
271	210155	<5	6	498450	5450980	B?;grey	Poor,near main road,heavily disturbed due to old workings and road
272	210156	53	31	498450	5450940	?;grey	V. poor,road and diggings
273	210157	<5	8	498450	5450860	?;grey	Poor,mainly qtz gravel,developed paddock
782	210668	30	6	498450	5449640	B;grey	Poor,nr creek on valley floor,covered by transported material
783	210669	8	21	498450	5449680	B;tan/grey	Good,v deep 25-28"
784	210670	21	89	498450	5449720	B;tan	Good,from old trench wall
785	210671	7	13	498450	5449760	B;tan/grey	Good,paddock,24"depth
786	210672	5	10	498450	5449800	B;tan/grey	Good,20" depth,on paddock
787	210673	16	30	498450	5449840	B;grey	Poor,possibly transported,25"depth
788	210674	<5	9	498450	5449880	B;tan	Good,5% qtz
789	210675	<5	18	498450	5449920	B;tan/grey	Good,10%qtz
790	210676	5	17	498450	5449960	B;tan	Good,10% qtz,ground disturbed
791	210677	16	18	498450	5450000	B;tan/grey	Good,10% qtz
792	210678	23	27	498450	5450040	B;tan/grey	Good,10% qtz
793	210679	10	22	498450	5450080	B;tan	Good
794	210680	7	11	498450	5450120	B;grey	V. poor,20" depth,poss transported on paddock
795	210681	<5	11	498450	5450160	B;grey	Poor,25"depth,mainly transported material on paddock
796	210682	<5	11	498450	5450200	B;grey	Poor,mainly qtz gravel 40m W of peg (latter in dam)
797	210683	<5	10	498450	5450240	B;grey/tan	Reasonable 25% qtz,disturbed by dam works
798	210684	<5	5	498450	5450280	B;grey/tan	Good,20% qtz area disturbed
799	210685	<5	4	498450	5450320	B;tan/grey	Good,10% qtz
800	210686	5	6	498450	5450360	B;tan	Good
801	210687	43	4	498450	5450400	B;tan/grey	Reasonable, 20% qtz,badly disturbed by old workings
802	210688	5	4	498450	5450440	B;tan	Good,area badly disturbed
803	210689	25	8	498450	5450480	B;tan	Good,area heavily disturbed by old workings
804	210690	<5	3	498450	5450520	B;tan	Good,ground disturbed
805	210691	12	9	498450	5450560	B;grey	Poor,mainly sand and qtz
806	210692	5	8	498450	5450600	B;grey	Reasonable,mainly fine sand and qtz,paddock
807	210693	1440	516	498450	5450640	C;tan	Poor,from dam wall,poss contaminated, on paddock
1324	213093	7		498450	5450635	B;tan	Good,auger 1.5m,on edge of dam,some qtz
1325	213094	5		498450	5450660	B;tan	Good,auger 1.0m
1326	213095	<5		498450	5450680	B;tan	Good,auger 0.9m
NS	213096			498450	5450700		
1327	213097	5		498450	5450720	B;tan	Good,auger 0.7m,some qtz
1328	213098	<5		498450	5450740	B;tan	Good,auger 0.7m,some qtz
1329	213099	<5		498450	5450760	B;tan/grey	Good to average,auger 0.8m,deep cover
1330	213100	6		498450	5450780	B;tan	Good,auger 0.9m,some qtz,near house
1331	213101	6		498450	5450800	B;tan	Good,auger
1525	213310	<5		498450	5451540	B;tan	Good,taken on road
1526	213311	<5		498450	5451580	B;tan	Good,badly disturbed ground,taken fromtrench wall
1527	213312	<5		498450	5451620	B;tan	Good,taken 10m E of peg
1528	213313	<5		498450	5451660	B;tan	Good,from trench wall,large shaft 5m SW
1529	213314	<5		498450	5451700	B;tan	Good, from trench wall
1530	213315	<5		498450	5451740	B;grey	Reasonable
1531	213316	<5		498450	5451780	B;grey	Reasonable
1532	213317	<5		498450	5451820	B;grey	Reasonable
1533	213318	<5		498450	5451860	B;grey	Reasonable
1534	213319	<5		498450	5451900	B;tan/grey	Good,rock outcrop
1535	213320	<5		498450	5451940	B;tan/grey	Good
1536	213321	<5		498450	5451980	B;tan/grey	Good
1537	213322	<5		498450	5452020	B;tan	Good
1538	213323	<5		498450	5452060	B;tan	Good
1539	213324	<5		498450	5452100	B;grey/tan	Reasonable,5-10m W of main road
1540	213325	<5		498450	5452140	B;grey/tan	Reasonable,sample 10 m W of peg which is located on main road

498550E

Uniq No	Sample No	Au (ppb)	As (ppm)	Easting	Northing	Soil Type	Comments
NS	213102			498550	5450400		
1344	213103	<5		498550	5450420	B;tan	Good,near old drive
1345	213104	6		498550	5450440	B;tan	Good,ground disturbed
1346	213105	18		498550	5450460	B;tan	Good,lots of small shafts
1347	213106	5		498550	5450480	B;tan	Good,ground disturbed
1348	213107	9		498550	5450500	B;tan	Reasonable,old trench wall near shaft
1349	213108	5		498550	5450520	B;tan	Good,thick scrub
1350	213109	<5		498550	5450540	B;tan	Good,thick scrub
1351	213110	<5		498550	5450560	B;tan	Good
1352	213111	<5		498550	5450580	B;tan	Good
NS	213112			498550	5450600		
1353	213113	6		498550	5450620	B,tan/grey	Reasonable,ground disturbed
1354	213114	77		498550	5450640	B;tan	Good,auger 0.8m
1355	213115	8		498550	5450660	B;tan	Good,auger 0.8m
1356	213116	45		498550	5450680	B;tan	Good,auger 0.7m
NS	213117			498550	5450700		
NS	213118			498550	5450720		
NS	213119			498550	5450740		
NS	213120			498550	5450750		

APPENDIX 4

Copy of report

"The ore petrography of some samples from the Lefroy Goldfield"

by R Bottrill

INDUSTRY SAFETY AND MINES

335099

The ore petrography of some samples from the Lefroy Goldfield

R. Bottrill

12/03/96

Introduction

Two rock samples and one heavy mineral concentrate were collected by Dr Richard Keele and submitted for description in particular regard to their gold mineralogy. The sample identification and descriptions were:

LF13: Lode, Chum

LF18: Lode, Pinafore

Pyrite concentrate

Descriptions

Pyrite concentrate

This sample contains approximately 50% pyrite, 40% arsenopyrite, and 10% gangue, with traces of other sulphides and gold.

The pyrite grains, <1 mm in size, are mostly partly altered to limonite (as rims and veinlets), and are euhedral to anhedral. Most cores are poikiloblastic (sieve - textured) mostly with gangue inclusions, but chalcopyrite, stibnite?/bournonite?, pyrrhotite, rutile and protographite are all present as inclusions. Some pyrite occurs as fine grained aggregates +/- marcasite, and may be diagenetic. No gold inclusions were observed in pyrite.

The arsenopyrite is euhedral to subhedral and partly altered to limonite +/- scorodite (secondary hydrated iron arsenate). There are very few inclusions and associates, mostly gangue minerals. There are a few grains of chalcopyrite (commonly intergrown with quartz, limonite, pyrite, and sphalerite. Other trace ore constituents include magnetite, ilmenite, rutile, zircon, limonite, leucoxene, marcasite and native copper (an artefact?). A few dendrite-textured, slag-like grains also occur. The gangue particles include quartz, phyllite, and siderite, commonly intergrown.

The gold is mostly fine grained, irregular and skeletal to amoeboid in texture, but some occurs as rounded grains <300 microns in diameter. It is mostly intergrown with other phases including quartz, limonite and pyrite. Six grains were seen.

The gold grade would probably be >100g/t. No gold inclusions in sulphides were noted, although one gold grain appeared to contain fine remnant pyrite within limonite.

LF13: gold-sulphide bearing lode

This sample is mostly vein quartz, with a mottled, pale grey to white appearance in hand specimen. There is a dark grey sulphidic zone, partly oxidised, which may represent the vein selvage.

Microscopically, the sample has a breccia-like texture, mostly comprised of coarse and fine grained quartz (~95 %), with slate clasts and lamellae, and minor sulphides.

The coarse grained quartz is about 1-5 mm in size, and is elongate, ovoid, strained, and subhedral to anhedral. The fine grained quartz, about 0.1 mm in grainsize, is anhedral, equant and granular, and contains minor sulphides, rutile and muscovite (all mostly fine grained). The latter material occurs as small patches and zones, interstitial to the coarse-grained quartz.

The slate clasts (<5%) are up to a few mm in size, and contain fine to medium grained muscovite, quartz and minor arsenopyrite.

The sulphides include arsenopyrite, chalcopyrite, tetrahedrite, bournonite, galena, sphalerite and pyrite. Arsenopyrite is the most abundant sulphide (~1%), and is <0.1 mm in size, mostly euhedral, and occurs commonly as aggregates. It is more widely dispersed and somewhat finer grained than the other sulphides, perhaps due to minor remobilisation of the more ductile sulphides during deformation. The other sulphides are mostly fine grained (<0.1 mm), but many grains are coarser (<1 mm), and they are mostly irregular in shape. Some pyrite is euhedral. The tetrahedrite is partly altered to chalcopyrite and arsenopyrite.

The gold occurs as fine blebs (< 500 microns) in quartz; most grains are in contact with other sulphides, particularly tetrahedrite, chalcopyrite and bournonite, and to a lesser extent arsenopyrite, and sphalerite.

LF18: gold-sulphide lode

This sample is almost identical to the above specimen, but appears to contain more sphalerite, tetrahedrite and galena, and less pyrite. Traces of stibnite may be present. Some of the chalcopyrite appears euhedral. Tetrahedrite is partly altered to sphalerite and chalcopyrite, and bournonite to arsenopyrite.

Gold occurs as grains (<0.6 mm) mostly in, or closely associated with, chalcopyrite, bournonite and tetrahedrite.

Interpretation

The concentrate contains gold that is mostly liberated from pyrite and other minerals, but it is commonly limonitic and very irregular, suggesting that it may have been released from sulphides and/or siderite by weathering.

The lode samples are virtually identical, and indicate a style of mineralisation somewhat different from that in the Mangana-Alberton area, being richer in Sb-minerals (bournonite, tetrahedrite and stibnite?). The fine grained quartz-sulphide-mica-rutile aggregates are thought to represent hydrothermally altered sediments (or possibly fault pug derived from the same), which has been extensively silicified and sulphidised. Gold is closely associated with the coarser sulphides: chalcopyrite, tetrahedrite, sphalerite and, to a lesser degree, with arsenopyrite and bournonite. It appears that the gold and sulphides may have been introduced quite early into the hydrothermal veins, but were slightly remobilised during later metamorphic and hydrothermal events.

APPENDIX 5

Tabulated stream sediment survey data

Re-assay w/- carbon rod

-80# mesh

Uniq No	Sample No	Au (ppb)	Au(ppm)	As(ppm)	Easting	Northing	Topo Sheet	Sample Status	Comments
1	P470529	< 1	< 0.008	5	496500	5450460	Low Head	Good	Well formed creek flows only during rainfall; sediment medium to coarse, 20-30% large qtz pebbles, sample c
2	P407530	< 1	< 0.008	4	496400	5450750	Low Head	Good	Well formed creek bed only flows during rainfall;taken from active sediment bar, medium to coarse seds,30-4
3	P407531	0	< 0.008	3	496350	5451120	Low Head	Reasonable	Poor flowing very small creek, only fine sediments amongst TeeTree roots; slight trap is evident on active me
4	P407532	< 1	< 0.008	4	496400	5451200	Low Head	Reasonable	40 m N from last sample: from another poor flowing small creek with dense vegetation in bed;fine seds some l
5	P407533	< 1	< 0.008	6	496520	5450320	Low Head	OK	Good flowing stream from very fine sediment with 10%qtz pebbles,creek bed congested with dense vegetati
6	P407534	< 1	< 0.008	4	496360	5452410	Low Head	Good	East of Curries River,good flowing creek,sample from active sand bar;30%qtz in medium to coarse sands;val
7	P407535	< 1	< 0.008	5	496330	5452300	Low Head	Poor?	Very small creek flowing through TeaTree and dense vegetation.Very fine sands and silt, active but dug up b
8	P407536	< 1	< 0.008	5	497120	5453130	Low Head	Poor	East of Curries River and 250m S of Lower Curries Dam;poor flowing and area predom alluvial sands and gra
9	P407537	8	< 0.008	11	496730	5453050	Low Head	Poor	Good flowing creek W of Curries River;only fine silts from grass, trees and other vegetation roots;25m up stre
10	P407538	< 1	< 0.008	5	497060	5452590	Low Head	Poor	E of Curries River in an area disturbed by alluvial workings;sample from dug up creek bed;sediment not very
11	P407539	< 1	< 0.008	10	496660	5452350	Low Head	Poor	East of Curries River; similar to above creek.
12	P407540	2	< 0.008	8	501100	5453860	Weymouth	Poor	Nth of Tourquoise Bluff Track;very poor creek system,no active sed,mostly fine silt and organic matter,dense
13	P407541	< 1	< 0.008	4	501170	5453960	Weymouth	OK	Eastern branch 60m up from junction,collected from well formed creek bed in active sediment among T-tree a
14	P407542	< 1	< 0.008	3	501500	5453870	Weymouth	Good	From active sediment bar from well flowing stream;area disturbed by forestry clearing up stream;taken 30-40
15	P407543	0	< 0.008	3	501490	5453770	Weymouth	Good	From active seds in good flowing stream bed 30-40m up from junction;very fine sands,no qtz pebbles,valley c
16	P407544	0	< 0.008	5	501400	5453330	Weymouth	Poor	On same creek as 540 about 500m up stream,very dense T-tree and vegetation,from creek bed amongst roo
17	P407545	< 1	< 0.008	11	502340	5453240	Weymouth	Reasonable	Same creek as 543 up stream, 20 m from road crossing;creek bed disturbed by forestry workings up stream.
18	P407546	< 1	< 0.008	7	501900	5452850	Weymouth	Reasonable	On same creek as 544 about 800m up stream from the road crossing, area disturbed by forestry up stream, s
19	P407547	0	0	0	500250	5454330	Weymouth	Reasonable	On the same creek as 540 & 541 about 1km down stream,80m upstream from fence line crossing creek,fine sil
20	P407548	0	< 0.008	9	495940	5454630	Low Head	Poor	On the main creek, poor flowing and congested with T-Tree,collected from creek bed and dug up from roots,
21	P407549	0	< 0.008	8	495950	5454720	Low Head	Very poor	Stream redirected by farming activity, sample collected from trench; treat as soil rather than drainage sample.
22	P407550	< 1	< 0.008	12	497320	5454550	Low Head	Poor	From main creek, on developed paddock, sediments are not orginal
23	P407551	6	< 0.008	31	499250	5447400	Bell Bay	Good	Nr. old Launcest'n Rd; coarse sed with 50% large qtz pebbeles to cobbles;possibly affected by old working
24	P407552	14	0.011	14	499160	5447300	Bell Bay	Poor	Old workings upstream,taken 40m upstream from junction;possibly contaminated,poor sediment mainly fine
25	P407553	106	0.11	26	499360	5447150	Bell Bay	Reasonable	Very fine sediment from small stream showing signs of flowing, taken 20m upstream from the junction,old shaft
26	P407554	0	< 0.008	3	501950	5445620	Retreat	Poor	Very poor creek,sample dug up from valley floor and is soil sample not stream sample
27	P407555	0	< 0.008	3	501350	5445410	Retreat	Good	Good flowing stream,very fine sediment with lots of organic matter
28	P407556	< 1	< 0.008	13	501860	5445190	Retreat	Good	Down stream from the same creek as 54, 40m up from the junction;good flowing stream,active sediment maini
29	P407557	0	< 0.008	4	501940	5445150	Retreat	Good	Eastern branch of good flowing stream,95% qtz, collected from active material; region affected by either alluvi
30	P407558	< 1	< 0.008	11	502530	5444360	Retreat	Reasonably goo	Den Creek,nr Industry Road;flowing stream with active sediment,mostly qtz;50m E of road, area disturbed ups
31	P407559	0	< 0.008	3	502560	5443920	Retreat	Reasonable	On the same creek as 58 about 500m down stream;area heavily disturbed up stream by forestry, road recons
32	P407560	< 1	< 0.008	15	502870	5443640	Retreat	Very poor	Creek dammed up stream,sample dug from old creek bed mainly silt and organic matter
33	P407561	0	< 0.008	6	503420	5443250	Retreat	Poor	On main creek,good flowing stream although channelled and redirected;sediment collected 600m upstream f
34	P407562	0	< 0.008	2	505130	5442380	Retreat	Poor	Taken just below a series of damsup stream, mainly sludge, no real sediment due to damming of creek and f
35	P407563	0	< 0.008	2	502850	5442490	Retreat	Reasonable	Good flowing stream,taken from above the dam,area slightly disturbed by farming
36	P407564	< 1	< 0.008	13	504400	5442530	Retreat	Reasonable	Good flowing creek and active sediment from creek bed,old workings up stream,mainly qtz,creek channelled
37	P407565	< 1	< 0.008	9	504370	5442410	Retreat	Poor	Taken down stream from road crossing,no sed up stream due to dams and paddocks,sample most likely co
38	P407567	< 1	< 0.008	9	510900	5444820	Retreat	Very Good	Well formed flowing creek,25-30% qtz,some large pebbles,sample collected 40m up stream from the bridge.
39	P407568	< 1	< 0.008	15	510650	5444800	Retreat	Good	Same creek down stream as '67, 25m above junction with smaller creek to south, flowing stream with good se
40	P407569	3	< 0.008	34	510200	5445100	Retreat	Good	20m upstream from road crossing and old sample 973207;good flowing stream,mainly fine seds;old sample c
41	P407570	2	< 0.008	47	510400	5444850	Retreat	Poor	Very poor creek that is not flowing, at same location as CRA sample about 10m up stream from the main cree

Uniq No	Sample No	Au (ppb)	Au(ppm)	As(ppm)	Easting	Northing	Topo Sheet	Sample Status	Comments
42	P407571	1	< 0.008	21	510500	5444870	Retreat	Good	Good flowing streamabout 25m up stream past s-bend on main creek,taken above junction, again pancon sh
43	P407572	1	< 0.008	35	509600	5445650	Retreat	Good	On the main creek about 100m from Pipers River,good flowing stream with active sediment,collected from pa
44	P407573	0	< 0.008	7	511550	5456050	Weymouth	Very poor	Northernmost creek,sample dug up from valley floor, no defined creek, consider as soil sample,surrounding
45	P407574	0	< 0.008	6	511820	5455750	Weymouth	Very poor	Small creek east of 73;sample dug up from valley floor about 150m up from fence end road, same as 73
46	P407575	0	< 0.008	3	512400	5454940	Weymouth	Very poor	Sample dug up from valley floor above road, no creek formation at all
47	P407576	BLEGs 0	< 0.008	1	512570	5454400	Weymouth	Very poor	Same as 74,basalt outcrop along the road
48	406801	394	0	0	498250	5448100	Bell Bay		dry gravel,active
49	406802	246	0	0	497400	5448450	Bell Bay		dry gravel,active
50	406803	26.6	0	0	502550	5443700	Retreat		dry gravel,in bank
51	406804	3.6	0	0	503450	5443250	Retreat		dry gravel,in bank
52	406805	1.22	0	0	505400	5442200	Retreat		wet gravel,active
53	406806	1.84	0	0	505650	5442700	Retreat		dry gravel,active
54	406807	0.74	0	0	500750	5445700	Retreat		dry gravel,active
55	406808	0.56	0	0	501350	5445550	Retreat		dry gravel,in bank
56	406809	13.74	0	0	501600	5445000	Retreat		dry gravel,in bank
57	406810	0.96	0	0	503800	5444600	Retreat		dry sands,hunus,active
58	406811	1.34	0	0	502400	5447850	Retreat		dry gravel,active
59	406812	1.78	0	0	499900	5446650	Bell Bay		dry silt,sand,gravel,active
60	406813	10.26	0	0	499250	5447050	Bell Bay		dry gravel,active
61	406814	0.36	0	0	510350	5447000	Retreat		dry gravel,active
62	406815	0.1	0	0	510800	5445750	Retreat		wet silt,sand,gravel,active
63	406816	0.12	0	0	510900	5446950	Retreat		wet silt,sand,gravel,active
64	406817	1.7	0	0	512100	5446100	Retreat		wet silt,sand,active
65	406818	0.18	0	0	512000	5444750	Retreat		dry silt,sand,active
66	406819	0.16	0	0	512550	5443450	Retreat		wet silt,sand,active
67	406820	0.1	0	0	514200	5444050	Retreat		wet silt,sand,active
68	406821	0.08	0	0	514250	5442550	Retreat		wet silt,sand,active
69	406822	0.1	0	0	512900	5448600	Retreat		dry silt,sand,active
70	406823	0.2	0	0	489350	5453700	Low Head		dry sand in bank
71	406824	0.14	0	0	493000	5456450	Low Head		dry silt,sand,active
72	406825	0.05	0	0	497250	5454250	Low Head		dry sand,gravel active
73	406826	12.4	0	0	497400	5454050	Low Head		dry sand in bank
74	406827	0.68	0	0	496950	5452050	Low Head		wet silt,sand,gravel,active
75	406828	1.78	0	0	495950	5451650	Low Head		dry sand,gravel,active
76	406829	19.48	0	0	496100	5451250	Low Head		dry silt,sand,gravel,active
77	406830	1.66	0	0	496750	5452250	Low Head		dry silt,sand,gravel,active,compare 6827
78	406831	0.54	0	0	510900	5454150	Weymouth		dry sand,gravel,active
79	406832	0.28	0	0	510350	5454900	Weymouth		dry silty soil,active?
80	406833	1.14	0	0	510550	5455050	Weymouth		dry silty soil,active?
81	406834	0.64	0	0	516050	5457600	Weymouth		dry sand,gravel under clay,active
82	406835	1.14	0	0	507650	5451650	Weymouth		dry silt,gravel,active

Uniq No	Sample No	Au (ppb)	Au(ppm)	As(ppm)	Easting	Northing	Topo Sheet	Sample Status	Comments
83	406836	3.48	0	0	507800	5452500	Weymouth		dry soil,gravel,active
84	406837	3.86	0	0	505050	5446000	Retreat		dry gravel,active
85	406838	1.76	0	0	506950	5446400	Retreat		dry soil,active
86	406839	1.5	0	0	510000	5450400	Weymouth		dry silt,sand,gravel,active above dam
87	406840	2.8	0	0	509350	5450350	Weymouth		dry silt,sand,gravel,active below dam
88	406841	0.13	0	0	511050	5451750	Weymouth		dry sandy soil,active?
89	406842	0.05	0	0	511050	5450650	Weymouth		dry sandy soil,active?
90	406843	3.2	0	0	505250	5447600	Retreat		dry silt,sand,gravel,active
91	406844	2.76	0	0	504100	5446950	Retreat		dry soil,minor gravel,active?
92	406845	2.32	0	0	507400	5447150	Retreat		wet silt,sand,gravel,active
93	406846	2.72	0	0	507350	5448150	Retreat		dry silt,sand,gravel under soil,active
94	406847	1.12	0	0	506850	5445350	Retreat		wet silt,sand,gravel,active
95	406848	4.8	0	0	508000	5443600	Retreat		dry silt,sand,gravel,active
96	406849	2.1	0	0	508400	5442850	Retreat		dry silt,sand,gravel,active
97	406850	3.46	0	0	509100	5441350	Retreat		dry silt,sand,gravel,active
98	406851	3.38	0	0	509050	5441050	Retreat		wet silt,sand,gravel,active
99	406852	0.3	0	0	501700	5448150	Retreat		dry silt,sand,gravel,active
100	406853	0.34	0	0	501950	5448650	Retreat		dry sandy soil,active?
101	406854	0.74	0	0	510150	5445250	Reveat		dry silt,sand,gravel,active
102	406855	0.66	0	0	509600	5444900	Retreat		dry silt,sand,gravel,active
103	406856	0.05	0	0	509750	5448800	Retreat		dry silt,sand,gravel,active
104	406857	0.32	0	0	514700	5449400	Retreat		dry silt,sand,active
105	406858	0.05	0	0	515100	5445700	Retreat		wet silt,sand,gravel,active
106	406859	0.1	0	0	514750	5447800	Retreat		dry silty soil,active?
107	406860	0.05	0	0	515450	5447100	Retreat		wet silt,sand,gravel,active
108	406861	0.06	0	0	515250	5447500	Retreat		dry silt,sand,active
109	406862	0.05	0	0	514950	5447650	Retreat		wet silt,sand,gravel,active
110	406863	3.34	0	0	505700	5452300	Weymouth		dry silt,sand,gravel,active
111	406864	54	0	0	505600	5450800	Weymouth		dry silt,sand,gravel active
112	406865	120	0	0	505450	5454950	Weymouth		dry soil,silt possibly from costean?
113	406866	0.26	0	0	503700	5456500	Weymouth		dry sandy soil,active?
114	406867	3.22	0	0	502250	5453300	Weymouth		dry sandy soil,active?
115	406868	13.9	0	0	500050	5454350	Weymouth		dry sand,gravel,active
116	406869	28.3	0	0	500300	5451000	Weymouth		dry soil,silt,gravel,active
117	406870	1.39	0	0	500300	5450250	Weymouth		dry silt,sand,gravel,active
118	406871	396	0	0	500200	5449400	Retreat		dry silt,sand,gravel,active
119	406872	46	0	0	499700	5450800	Low Head		dry silt,sand,gravel,active
120	406873	4.2	0	0	500300	5448350	Retreat		dry silty soil,active?
121	406874	1.97	0	0	500300	5448350	Retreat		dry silt,sand,gravel,active,compare 6873
122	406875	8.6	0	0	502400	5448200	Retreat		dry silt,sand,gravel,active
123	406876	3	0	0	504200	5442400	Retreat		dry sand,gravel on clay base,active
124	406877	4.8	0	0	501600	5443800	Retreat		dry silt,sand,gravel active

APPENDIX 6

Log and assays of percussion drilling programme

at Pinafore-Chum

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT LEFROY GOLD PROSPECT PINAFORE - CHUM
COORDS 50900 N 498500 E RL 90m. HOLE NO. LGC1
ANGLE -61° AZIMUTH 347°(mag) E.O.H. 100m TYPE: RC
GEOL R. Keele DRILL VDR 650 DATE 18/10/95 PAGE: 1 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t	ANALYSES Mag Sus SIx10^5
	0	1		Soils.		
212001	1	2		Weathered bas frags - ochreous clays.	<0.008	
	2	3		Ochre clays, weathered basalt frags.		
212002	3	4		Brown clays (minor green clays), weathered bas.	"	
	4	5		* Tan-brown clays, 70% weath. bas., 30% fresh bas, tr c qtz.		
212003	5	6		Brown clays, weathered bas, 5% qtz, tr c fresh bas.	"	
	6	7		Brown clays, weathered bas, tr c ferrug. frags, flow-test?		
212004	7	8		Brown clays, " 2-5% qtz.	"	
	8	9		Brown & grey clays, 60% weath^d, 40% fresh bas, <5% qtz		
212005	9	10		Brown clays, 50% weath 50% fresh bas.	"	
	10	11		Grey clays, mostly fresh basalt.		
212006	11	12		Fresh f-m.g. basalt.	"	225
	12	13		——— drill ———		
212007	13	14			"	273
	14	15				
212008	15	16			"	276
	16	17				
212009	17	18			"	230
	18	19				
212010	19	20			"	306
	20	21				
212011	21	22			"	275
	22	23				
212012	23	24			"	305
	24	25				
212013	25	26			"	278
	26	27				
212014	27	28			"	343
	28	29				
212015	29	30			"	291
	30	31				
212016	31	32			"	377
	32	33				
212017	33	34			"	328
	34	35				
212018	35	36			"	228
	36	37				
212019	37	38			"	220
	38	39				
212020	39	40		Fresh f-mg. basalt.	"	343

av. 286

COMMENTS Recovery 0-10m could have been better; water not injected until later (42m). Water at 10m.

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT LEFROY GOLD PROSPECT Pinafore - Chuon.
COORDS N E RL HOLE NO. LGC1
ANGLE -61° AZIMUTH 347° E.O.H. TYPE: RC
GEOL DRILL DATE PAGE: 2 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au(g/t)
	40	41		Grey clays 70% fresh bas., 25% pale alt^{d} chips	
212021	41	42		Grey clays, basalt.	<0.008
	42	43		grey clays, minor fresh bas alt chips.	
22	43	44		"	<0.008
	44	45		", tce rock chips	
23	45	46		" tce rock chips.	<0.008
	46	47	*	Grey to brown clays; tce rock chips & qtz.	
24	47	48	*	grey to brown clays - tce qtz.	<0.008
	48	49	*	clays - qtz & blank mast frags. (clays grey to brown)	
25	49	50		80% qtz, f-g sst-cg slst, tce blank bitum subst, grey qtz, py.	<0.008
	50	51		25% qtz, f-g qtz-fsp sst, tce mast.	
26	51	52		40% qtz, f-g sst, dark grey cleaved mast.	<0.008
	52	53		35% qtz cleaved slst, f-g sst, ser^{d} & pale green.	
27	53	54		50% qtz, partly rounded; dark grey cleav slst, f-g sst.	<0.008
	54	55		70% qtz, 30% f-g ser. schist / slst.	
28	55	56		35% qtz, 65% ser sch (sst), grey slst cren^{d}	<0.008
	56	57		20% qtz, f-g qtz-fsp sst, minor dark grey cleaved slst/mdst.	
29	57	58		15% qtz, f-g qtz-fsp sst (pale green) tce cleaved slst/mst.	<0.008
	58	59	*	Cleaved greeny slst (tce qtz); f-g qtz-fsp sst.	
30	59	60		Cleaved greeny grey slst/mst, minor f-g qtz-fsp sst	<0.008
	60	61		Cleaved grey slst/mdst.	
31	61	62		Cleaved grey slst/mdst.	<0.008
	62	63		Cleaved grey slst, tce f-g sst.	
32	63	64		Schistose & cren^{d} f-g slst.	<0.008
	64	65	□	20% qtz, py in qtz, f-g qtz fsp sst.	
33	65	66	□	Dark grey qtz sst, +/- py (minor)	<0.008
	66	67	□	Dark grey to blank cren^{d} mast, 10-15% white qtz +/- py	
34	67	68		Cleaved slst.	<0.008
	68	69			
35	69	70		Carbonaceous mdst/slst.	"
	70	71			
36	71	72		Grey cleaved slst.	"
	72	73			
37	73	74		Cleaved slst, 10% qtz.	"
	74	75			
38	75	76		Qtz sst & slst.	"
	76	77			
39	77	78		Qtz rich sst.	"
	78	79			
212040	79	80		— ditto —	"

COMMENTS Poor recovery below basalt 41-42. Started injecting foam, recovery excellent fm 42m onwards.

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC1
COORDS	N	E RL	
ANGLE	AZIMUTH	E.O.H.	TYPE:
GEOL	DRILL	DATE	PAGE: 3 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	80	81			
212041	81	82		qtz sst.	<0.008
	82	83		f.g. qtz fs sst, grey mdst.	
42	83	84		20% white qtz, clear./cren. grey mdst, minor qtz-fs sst.	"
	84	85		Grey slst / mdst.	
43	85	86		30-35% qtz (white), clear. mdst (grey), minor sst.	"
	86	87	□	20% qtz white to grey, c-g X^{sl} py, f-g qtz sst/c-g slst.	
44	87	88		Cleaved, c.g. slst (f.g. sst).	0.020
	88	89			
45	89	90	□	Cleaved grey, py ^{1c} slst.	<0.008
	90	91			
46	91	92		Grey, cleaved slst.	"
	92	93			
47	93	94		Qtz-fsp sst.	"
	94	95			
48	95	96		Qtz-sst.	"
	96	97			
49	97	98		Qtz sst.	"
	98	99			
50	99	100		Cleaved & cren. grey mdst.	"
				END OF HOLE 100m.	

COMMENTS

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT Lefroy Gold. PROSPECT Pinafore - Churn
COORDS 51,007 N 49,8502 E RL 88 HOLE NO. LGC2
ANGLE -60° AZIMUTH 347° E.O.H. 100m TYPE: RC
GEOL RAKEELE DRILL VDR 650 DATE 19/10/95 PAGE: 1 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	0	1		Dark brown, ochrous clays, abund qtz.	
242051	1	2		Brown & grey clays, qtz.	<0.008
	2	3		Dark red-brown clays, abund qtz.	
52	3	4		Pale reddish brown clays, qtz.	"
	4	5		Red brown clays.	
53	5	6		Red brown clays.	"
	6	7		Tan clays, weathered Mabinna Beds?	
54	7	8		5% white qtz, yellow brown clays, slst (mdst).	0.020
	8	9		100% white qtz in tan clays.	
55	9	10		qtz sst.	0.012
	10	11		qtz sst.	
56	11	12	◻	95% white qtz, tce py in qtz, frags of Mabinna Grp.	<0.008
	12	13		90% white qtz, tce silic? black mdst.	
57	13	14		100% white qtz, tce grey qtz.	<0.008
	14	15		85% qtz, 15% dark grey/black slst/mdst	
58	15	16		f.g sst.	0.010
	16	17		f.g. sst.	
59	17	18	◻	clays & qtz, grey, brown stain, abund. X^L py.	0.013
	18	19	◻	85% white qtz, minor grey clay, slst, f.g py^tc sst.	
60	19	20		Mostly clays, 40% white qtz, 60% f.g. sst.	<0.008
	20	21		75% white to grey qtz, mdst.	
61	21	22	◻	40% white/grey qtz (Wk Fe Stain) dark grey slst/mdst	<0.008
	22	23		20% white qtz, 80% cleaved grey slst/mdst	
62	23	24		30% white qtz, 70% dark grey mdst (slst).	<0.008
	24	25		Grey - to dk grey mdst (slst)	
63	25	26		Mdst Coarse gr. slst / f. sst.	<0.008
	26	27		— ditto —	
64	27	28			<0.008
	28	29		— ditto —	
65	29	30			<0.008
	30	31		50% dark grey mdst 50% f.g sst.	
66	31	32			"
	32	33			
67	33	34			"
	34	35		grey slst/mdst.	
68	35	36			"
	36	37		F.g. grey slst.	
69	37	38		5% qtz - grey mdst	"
	38	39		40% qtz, grey mdst, minor qtz sst	
70	39	40		70% qtz, f.g. sst.	"

COMMENTS Water at 16m.

33111

CENTRAL KALGOORLIE GOLD MINES N.L. CKGM

PROJECT	PROSPECT		HOLE NO. LGC2
COORDS	N	E RL	TYPE:
ANGLE	AZIMUTH	E.O.H.	PAGE: 2 OF 3
GEOL	DRILL	DATE	

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au(g/t)
	40	41		10% qtz., grey mdst, (c.g.sst/f.g.sst.)	
212071	41	42		Dark grey to black mdst. grey f.g. slst	<0.008
	42	43			
72	43	44		——— ditto ———	"
	44	45			
73	45	46		——— ditto ———	"
	46	47			
74	47	48		——— ditto ———	"
	48	49			
75	49	50		f.g. sst (wl. qtz)	"
	50	51		<5% qtz cream mdst (f.g. sst)	
76	51	52	D	60% qtz, white & grey qtz (py), grey mdst (chlv, cream)	"
	52	53		f.g. cleaved sst.	
77	53	54		30% qtz (white) cream mdst & f.g. sst.	"
	54	55		20% qtz (white), f.g. sst, tce mdst.	
78	55	56		f.g. qtz sst.	<0.008
	56	57			
79	57	58		70% f.g sst, 30% grey cleaved mdst.	"
	58	59			
80	59	60		f.g. qtz sst (tending massive rather than sandstone.	"
	60	61			
81	61	62		<5% qtz, f.g. qtz sst., mdst.	"
	62	63			
82	63	64		cleaved f.g. qtz sst.	"
	64	65			
83	65	66		——— ditto ——— (tce mdst).	"
	66	67			
84	67	68		Slst/mdst	"
	68	69			
85	69	70		——— ditto ———	"
	70	71			
86	71	72		fg. sst (qtz)	"
	72	73			
87	73	74		fg. sst, minor mdst.	"
	74	75			
88	75	76		cleaved & cream mdst.	"
	76	77			
89	77	78		Mdst & f.g. qtz sst.	"
	78	79			
90	79	80		mdst & minor f.g. qtz sst.	"

COMMENTS

335112

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC2
COORDS	N	E RL	
ANGLE	AZIMUTH	E.O.H.	TYPE:
GEOL	DRILL	DATE	PAGE: 3 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES 2m Comp Au g/t	ANALYSES 1m split
	80	81		f-m.g qtz-fs(mic) sst (schistose), minor brown cb? seams.		
212091	81	82		Green & cleaved slst (matt)	0.014	
	82	83		60% str. py 15% f.g. qtz fsp-mic sst 40% dark grey slst, py 1% / f.g. slst, tr veining		0.253
92	83	84		20% qtz, mdst, sst.	0.354	0.325
	84	85		f.g. green cleaved slst, c.g. slst / f.g. sst (py 1%) 2-5% 1cm qtz-cb veins, clays.		0.206
93	85	86		f-m.g. qtz sst tr slst.	0.498	0.602
	86	87		f.g. py 1% qtz sst, slst, 2% qtz		0.633
94	87	88		40% qtz, carbonaceous mdst.	0.909	1.44
	88	89		py 1% slst & sst, 5% qtz (in veinlets)		0.597
95	89	90		25% qtz, f.g. sst, mdst.	0.188	0.055
	90	91		5% qtz (- cb), c.g. cleaved slst, minor mdst.		
96	91	92		2-5% qtz, f.g. qtz sst.	0.051	
	92	93		Cleaved f.g qtz sst, f.g py 1% slst / mdst 5-7% qtz (py), brown qtz-cb veinlets.		
97	93	94		sst, minor mdst / slst.	0.043	
	94	95		f.g. py 1% qtz sst, 1% qtz veinlets w/ py selvedges.		0.290
98	95	96		f.g. qtz sst.	0.120	0.077
	96	97		f.g. py 1% qtz-fsp sst, f.g. py 1% dark grey slst, 1-2% qtz-cb veinlets, py		0.086
99	97	98		Dark grey py 1% slst/mdst, c.g py 1% slst, 40% qtz, py, cb alt'n.	1.075	0.830
	98	99		Cleaved mdst/slst., minor f.g. sst + tr qtz w/ py.		
212100	99	100		f.g. qtz sst, < 5% qtz.	0.750	
				End of hole 100m.		

Pinafore hole

COMMENTS

336113

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT LEFROY GOLD PROSPECT PINAFORE - CHUM
COORDS 51,099 N 498,503 E RL 87m HOLE NO. LGC3
ANGLE -60° AZIMUTH 347° E.O.H. 120m TYPE: RC
GEOL RAK DRILL VDR 650 DATE 19/10/95 PAGE: 1 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	0	1		Soils	
212101	1	2		Soils, & yellow-brown clays.	0.176
	2	3		Red-brown, brown clays and qtz frags. (Subrounded to angular)	
212102	3	4	*	White to reddish brown clays, tce qtz	0.011
	4	5		Pale yellow clays, f.g. qtz sst.	
212103	5	6		Yellow clays, f.g. qtz sst.	0.024
	6	7	*	Fine yellow sands & clays, f-m.g qtz sst & tce qtz.	
212104	7	8		— ditto — minor qtz	0.072
	8	9		— ditto — 5-10% qtz.	
212105	9	10		Brown clays, cleaved slst/mdst.	0.018
	10	11	□	Ferrug qtz sst, cleaved slst/mdst, 10% qtz.	
212106	11	12	*	Slst/mdst, dark grey qtz sst (qtzite), tce qtz.	0.026
	12	13		qtz sst, mdst, 5% qtz.	
212107	13	14		Schistose qtz sst, tce slst/mdst.	0.021
	14	15	BASE OF OXID.	sst 15% mdst, tce qtz.	
212108	15	16		Ferrug. sst.	<0.008
	16	17	LIMIT OF WEATHERING	Ferrug. qtz sst.	
212109	17	18		Fresh schistose qtz fsp. sst.	"
	18	19			
212110	19	20		Dark grey to black clays, no rock clasts, carb^c mdst	0.009
	20	21		Mostly clays, black py^te mdst/slst.	
212111	21	22		Mainly clays, py^te mdst and slst, crea^d & cleaved.	0.022
	22	23		qtz fs sst, tce mdst.	
212112	23	24			<0.008
	24	25			
212113	25	26		qtz fsp. sst, tce mdst.	"
	26	27			
212114	27	28	*	fg qtz sst/(cg. slst), tce mdst, tce qtz.	<0.008
	28	29			
212115	29	30		50% f.g. qtz fs sst, 50% dark green to black mdst/slst.	"
	30	31			
212116	31	32		Mostly (85%) white qtz, white greeny slst/mdst	"
	32	33			
212117	33	34		Grey to black mdst, crea^d & cleaved.	"
	34	35			
212118	35	36		dark grey crea^d & cleaved mdst	"
	36	37			
212119	37	38		— ditto — 30% white qtz.	"
	38	39			
212120	39	40		Grey mdst.	0.019

COMMENTS Water at 45m.

336114

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC3
COORDS	N	E RL	
ANGLE	AZIMUTH	E.O.H.	TYPE:
GEOL	DRILL	DATE	PAGE: 2 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	40	41			
212121	41	42		Dark grey cleaved & crenᵈ mdst.	<0.008
	42	43	□	Wkly pyᵛᶠ slst, carbᵒ mdst, mostly clays	
122	43	44		Black carbonˢ mdst, minor grey mdst/slst.	0.016
	44	45	□	Black pyᵐ mdst, pyˢ slst	
123	45	46	□	Grey to dark grey pyˡᶜ mdst.	<0.008
	46	47			
124	47	48		Grey mdst (crenᵈ & cleaved), minor qtz fs sst.	"
	48	49			
125	49	50		Grey green cleaved slst, minor qtz-fsp sst.	"
	50	51			
126	51	52		Massive to wkly cleaved qtz-fsp sst.	"
	52	53			
127	53	54	*	Cleaved & crenulatᵈ grey slst (mdst), tce white qtz.	"
	54	55			
128	55	56	*	Schistose slst (mdst), tce carb-qtz.	"
	56	57			
129	57	58		cleaved slst & mdst.	"
	58	59			
130	59	60		cleaved f.g. sst, slst.	"
	60	61			
131	61	62		cleaved mdst/slst.	"
	62	63		c.g. (pyˡᶜ) slst, slst (minor f.g sst), minor brown stain	
132	63	64	□	f.g pyˡᶜ slst, c.g pyᵛᶠ slst, 10% grey (white) striated qtz (fault?), cb, py coating	0.023
	64	65	□	35% white (-greyish) qtz, cb (py) cleaved/crenᵈ mdst, c.g slstᵗʰ qtz	
133	65	66		Schistose slst (mdst)	<0.008
	66	67			
134	67	68		Cleaved f.g. qtz-fs sst/cg slst.	"
	68	69			
135	69	70		Schistose c.g slst/(fs sst).	"
	70	71			
136	71	72		Schistose f.g. sst.	"
	72	73			
137	73	74	*	— ditto —, tce qtz.	"
	74	75			
138	75	76		Clear. slst (mdst), f.g. sst 2-5% white qtz (cb)	"
	76	77			
139	77	78		f.g. cleaved qtz sst	"
	78	79			
212140	79	80		— ditto —	"

COMMENTS

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC3
COORDS	N	E RL	
ANGLE	AZIMUTH	E.O.H.	TYPE:
GEOL	DRILL	DATE	PAGE: 3 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t.
	80	81			
212141	81	82		c.g. slst/f.g. sst & cleaved mdst.	<0.008
	82	83			
142	83	84		cleaved & cren f.g. sst/cg. slst & mdst.	"
	84	85			
143	85	86		f-mg qtz sst, tce mdst	"
	86	87		Wkly cleaved qtz-fsp sst (f-m.grain)	
144	87	88	*	F-m.g qtz sst, tce qtz.	"
	88	89		——— ditto. ———	
145	89	90	*	greeny grey cleaved c.g. slst/f.g. sst, tce qtz	"
	90	91		50% f.g. qtz-fsp sst, 50% grey slst, tce white qtz	
146	91	92		Schistose to floggy qtz-fsp-(mic) sst.	"
	92	93		50% — ditto ——— 50% clean. slst.	
147	93	94	a	50% f.g. qtz-fsp sst 40% cleaved slst/mdst 10% qtz (py)	<0.008
	94	95		50% f.g. qtz-fs sst, 50% dark grey mdst.	
148	95	96	a	F.g. py^{is} sst - c.g. slst., cleaved, grey green, < 10% qtz	"
	96	97	a	Grey green cleaved slst, minor qtz sst, 5% qtz (py)	
149	97	98		F.g. qtz-fsp sst.	"
	98	99	a	F.g. sst/c.g. slst 10% white qtz w- py	
150	99	100		F.g. sst., c.g. slst. No qtz	"
	100	101		Cleaved, cren^{d} c.g. slst/(f.g. sst). No qtz	
151	101	102	a	F.g. sst, slst. <10% white quartz (py^{is})	"
	102	103		—— ditto —— 10-15% qtz.	
152	103	104		Cleaved slst, f.g. sst, 15% qtz., occ. green.	"
	104	105		C.g. slst (mdst), 20% qtz-?carb (cream stringers)	
153	105	106		F.g. cleaved sst, c.g. cren.^{d}, clean. slst., No qtz	"
	106	107	a	F.g. qtz sst (py^{is}), grey mdst, <5% qtz-?carb (creamy)	
154	107	108		Cleaved qtz sst No qtz.	"
	108	109		F.g. grey-green cleaved qtz-fsp sst, minor slst/mdst No qtz	
155	109	110		cleaved mdst, f.g. qtz sst., tce qtz.	"
	110	111		cleaved cren^{d} mdst/slst tce f.g. qtz sst.	
156	111	112		f.g. qtz sst., cleaved slst.	"
	112	113	a	Cleaved slst. 15% qtz, white & green, occ Py seams/veinlets	
157	113	114		f.g. qtz sst. (greeniw), tce slst (cren^{d}) <10% qtz, white	"
	114	115		f.g. qtz-fsp sst, cleaved slst.	
158	115	116	*	cleaved c.g. slst/slst., tce f.g. qtz sst., tce qtz	"
	116	117		cleaved slst /c.g. slst	
159	117	118		f.g. cleaved qtz sst., cleaved slst.	"
	118	119	*	— ditto ——— minor slst, tce qtz.	
212160	119	120		cleaved slst.	"

COMMENTS

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT LEFROY GOLD. PROSPECT PINAFORE - CHUM.
COORDS 51,058 N 498,501 E RL 90m — HOLE NO. LGC 4
ANGLE -55° AZIMUTH 342° mag E.O.H. 106m. — TYPE: RC.
GEOL RAK. DRILL VDR 650 DATE 22/10/95 — PAGE: 1 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t	
	0	1		soils, clays, rock chips, qtz.		
212161	1	2		Brown clays, qtz frags.	0.122	
	2	3		Yellow brown clays, qtz frags/gravels.		
162	3	4		Yellow-brown clays	<0.008	
	4	5		pale brown to grey clays.		
163	5	6		ochre clays w/- occ. qtz frags.	"	
	6	7		Yellow brown clays.		
164	7	8		ditto	"	
	8	9		ditto		
165	9	10		ditto	"	
	10	11		ditto & weathered sst & mdst		
166	11	12		ditto qtz sst chips.	"	
	12	13		green brown clays, sst (mdst) chips.		
167	13	14		Partly ox slst, mdst	"	
	14	15				
168	15	16		Mostly fresh c.g. slst, minor mdst	"	
	16	17				
169	17	18		C.g. cleaved slst.	"	
	18	19				
170	19	20		—— ditto ——	"	
	20	21				
171	21	22		—— ditto ——, minor mdst.	"	
	22	23				
172	23	24		—— ditto ——	"	
	24	25				
173	25	26	▫ *	Black py^{tr} mdst, tce c.g. slst, tce qtz + PY	"	
	26	27	▫	65% qtz brownstain, cb, Heavy py^{tr} carbon & slst/mdst		
174	27	28	▫	Pale alt^{d} c.g slst py^{tr}, tce dark slst, 15% grey qtz	"	
	28	29		Cleaved slst/mdst, 40% grey-white qtz.		
175	29	30		F.g. qtz sst, 35% qtz (white, pale grey, carbonat)	"	
	30	31		Grey schistose mdst		
176	31	32		F-mg. qtz-fsp sst.	"	
	32	33		F.g. cleaved qtz sst.		
177	33	34	▫	Cleaved slst, minor py^{tr} silic mdst	0.010	
	34	35	▫	25% qtz, py^{tr}, f.g. qtz sst, minor black carb material.		0.696
178	35	36	▫ *	F.g. qtz-fs sst (py^{tr}), tce qtz.	0.980	0.396
	36	37	▫	qtz (?lode), py, mdst, occ f.g. qtz sst.		1.510
179	37	38		Coarse slst (fg sst), mdst.	1.274	0.455
	38	39		C.g. slst, mdst.		
212180	39	40		Cleaved slst.	0.015	

Pinafore lode.

COMMENTS Water 37m.

1m "split" 4m @ 0.76g/t.
2m "composite" 4m @ 1.127g/t

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		
COORDS	N	E	RL
ANGLE	AZIMUTH	E.O.H.	
GEOL	DRILL	DATE	

HOLE NO. LGC 4
TYPE:
PAGE: 2 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	40	41		Cleaved c.g. slst.	
212181	41	42		ditto , tce mdst	<0.008
	42	43		50% cleaved slst 50% cleaved mdst.	
182	43	44		Cleaved slst, minor mdst.	"
	44	45		f.g. qtz-fsp sst (cg. slst)	
183	45	46	□	f.g. qtz sst, <5% qtz vf py, aspy? white. ; tce mdst.	<0.008
	46	47	x	f.g. qtz sst, cren^d mdst/slst, tce qtz.	
184	47	48		Cleaved & cren^d slst (& mdst).	"
	48	49		f.g. qtz fsp sst.	
185	49	50		Cleaved slst, minor f.g. qtz sst.	"
	50	51	□	f.g. qtz sst, cleaved, cren^d mdst, <5% qtz, grey, brown stained, py^{ls}	
186	51	52		" " tce qtz.	"
	52	53	□	" " 30% py^{ls}, white-grey vuggy, brown creamy cb	
187	53	54		c.g. slst & dark grey mdst.	"
	54	55		f.g. qtz sst.	
188	55	56		— ditto — , tce mdst.	"
	56	57		schistose flaggy, f.g. qtz-fsp sst.	
189	57	58		c.g. cleaved slst, 20% white qtz (occ. brown)	"
	58	59		f.g. cleaved qtz sst.	
190	59	60	□	Cleaved qtz slst (mdst), f.g. qtz sst <5% qtz (some py)	"
	60	61		90% qtz, white, creamy carb^o chips, tce slst.	
191	61	62	□	30% white qtz tce py, f.g. qtz sst, tce mdst.	"
	62	63		15% white qtz, f.g. qtz sst, tce mdst.	
192	63	64	*	f.g. schistose qtz sst., tce qtz.	"
	64	65	*	——— ditto ———	
193	65	66	□	30% qtz white, vuggy wt py, f.g. qtz sst.	0.017
	66	67		schistose slst & mdst, 2-5% white qtz.	
194	67	68	*	Cren^d & cleaved mdst, tce qtz (white).	<0.008
	68	69	*	Cleaved mdst, tce qtz (white)	
195	69	70		——— ditto ——— No qtz	"
	70	71		Cleaved slst/mdst.	
196	71	72	□	40% qtz, cg. slst, greenish, py on selvedges.	"
	72	73		15% qtz, cg. slst, mdst.	
197	73	74		<2% qtz (carb) white, cren^d mdst/slst.	0.073
	74	75	x	Slst/mdst, tce qtz.	
198	75	76	*	Cleaved mdst & f.g. qtz sst., tce qtz	0.024
	76	77	*	f.g. py^{ls} slst, slst, tce qtz	
199	77	78	*	——— ditto ——— tce qtz	0.023
	78	79	□	c.g. slst, / f.g sst (py^{ls}) / f.g slst.	
212200	79	80	*	f.g. qtz sst, tce qtz.	<0.008

COMMENTS

336118

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC.4
COORDS	N	E RL	
ANGLE	AZIMUTH	E.O.H.	TYPE:
GEOL	DRILL	DATE	PAGE: 3 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	80	81			
212201	81	82	*	f.g. qtz sst, tce carb-qtz.	<0.008
	82	83		f.g qtz sst,	
202	83	84	□	f.g qtz sst, locally py's & altd?, 25% white qtz.	"
	84	85		Schistose slst.	
203	85	86	*	f.g. cleaved qtz sst, tce qtz.	"
	86	87		—— ditto —— No qtz.	
204	87	88	*	Cleaved fg qtz sst, tce qtz.	0.014
	88	89	*	—— ditto ——	
205	89	90	□	15% qtz, white grey, grey qtz w/. tce py, silic mdst/tce qtz sst.	<0.008
	90	91		f.g. qtz sst. 5-10% qtz in veinlets, minor carb.	
206	91	92		f.g qtz sst (schistose),	<0.008
	92	93	□	schist/cleav. mdst/slst, tce sst., 5% qtz(-cb), tce grey qtz w/ py.	
207	93	94	*	cleaved mdst/slst, tce qtz.	0.040
	94	95	□*	f.g. py's qtz sst, green & cleav. slst (mdst), tce qtz	
208	95	96	□	15% qtz white w/. creamy cb margins, c.g slst, mdst, green qtz (py)	<0.008
	96	97		f.g qtz sst/c.g. slst., 2% white qtz	
209	97	98	□	5-10% white qtz (tce green qtz + py), fg qtz sst & mdst.	"
	98	99		fg qtz sst	
210	99	100	□	15% qtz (white), cleaved cg slst, mdst, py's selvedges	"
	100	101		cg. slst/fg sst mdst, <5% qtz (white)	
211	101	102	□	f.g. qtz (py's) sst, slst/mdst, 15% qtz, green selv. wt py	"
	102	103	*	f.g. qtz sst (schistose), tce qtz.	
212	103	104	□	—— ditto —— 40% white qtz (tce py).	"
	104	105	□	f.g. qtz sst, tce py — ditto — some dark qtz.	
213	105	106	*	—— ditto —— tce white qtz.	"
				End of hole 106m.	

COMMENTS

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT LEFROY GOLD PROSPECT PINAFORE - CHIM
COORDS 51,154 N 498,493 E RL 84m HOLE NO. LGC5
ANGLE -60° AZIMUTH 347°(mag) dueN E.O.H. 91m TYPE:
GEOL RAK DRILL VDR 650 DATE 23/10/95 PAGE: 1 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au(g/t)	
	0	1		Soils, qtz minor rock chips & clays.		
212214	1	2		Yellow brown clays, qtz frags..	1.170	
	2	3		Yellow clays, qtz rock chips.		
215	3	4		yellow brown clays, qtz	0.074	
	4	5		— ditto —, minor qtz frags.		
216	5	6		Tan (yellow brown) clays w/- tce qtz & ox. rock frags.	0.040	
	6	7		Ochre-brown clays with ox. slst chips.		
217	7	8		—— ditto ——	0.113	
	8	9		Ochre (brown) greenish clays, partly oxid. slst chips.		
218	9	10		Yellow brown greenish clays, ox slst.	0.023	
	10	11				
219	11	12		Grey clays	0.008	
	12	13				
220	13	14		— ditto —	<0.008	
	14	15	[	grey cream f.g. slst (mdst) 10% brown orange stained qtz		0.750
221	15	16		mostly fresh mdst	0.544	0.096
	16	17		mostly fresh pale c.g. slst, slst-mdst, 10% orange stain qtz, c.gX' py		
222	17	18		decomposed c.g. qtz slst.	0.023	
	18	19				
223	19	20		—— ditto —— tce qtz	<0.008	
	20	21	[	Mostly clays, c.g. mic slst, 25% white-greyish qtz		
224	21	22		—— ditto —— (no qtz) pale altered, alt'd?	0.017	
	22	23	□	70% qtz, white to pale grey, py, c.g. qtz slst		<0.008
225	23	24	□	75% qtz, white to pale grey (py = selv) c.g. slst, tce mdst.	<0.008	0.181
	24	25	□	Py = c.g. qtz slst / f.g. qtz sst, 10-15% qtz		0.308
226	25	26		Cleaved slst, f.g. sst / c.g. slst, 15% white qtz, tce cb	0.613	0.095
	26	27		Grey cleaved slst.		
227	27	28		ditto	<0.008	
	28	29		massive to cleaved grey slst.		
228	29	30		ditto	0.026	
	30	31	□	wkly py = cleaved slst.		0.096
229	31	32		ditto (c.g. slst.)	0.283	0.678
	32	33	□ *	cleaved py = slst tce c.g. slst, tce qtz		1.200
230	33	34	□	Pale grey, py = c.g. slst	0.787	0.534
	34	35	*	c.g. py = slst minor f.g slst/mdst, cb alt = tce qtz		1.680
231	35	36	[	Cream cleaved c.g. slst 2% white qtz.	1.290	0.497
	36	37	□ *	c.g. locally slt. py = slst, cb veinlets, tce qtz.		0.456
232	37	38	*	f.g. qtz sst, tce qtz.	0.495	0.445
	38	39	[	c.g. py = cleaved slst, minor py = slst 2-5% qtz-cb vns		0.513
233	39	40	□	Py = slst & f.g. qtz sst, 10-15% qtz, wlk c.gX' py	0.495	0.288

Chum H/W
" Williams "
lode

COMMENTS Water at 60m. 1m "split" 31-41, 10m @ 0.698 g/t. (6.98 gmxm)
or 12m @ 0.592 g/t. = (7.104 gmxm)
2m "composites" 30-42m, 12m @ 0.595 g/t (7.14 gmxm)

□ py * tce qtz [>1% qtz intersection

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC 5
COORDS	N	E RL	TYPE: RC
ANGLE	AZIMUTH	E.O.H.	PAGE: 2 OF 3
GEOL	DRILL	DATE 23/10/95	

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au(g/t)	
	40	44	*	Cleaved slst, tce qtz		0.721
212234	41	42		ditto 15% mdst,	0.224	0.031
	42	43	▭	Black py^{ls} mdst, v. minor sst, tce qtz		
235	43	44	*	c.g. slst, minor mdst, tce qtz	0.043	
	44	45		ditto no qtz.		
236	45	46	□	5-10% qtz, py (coarse gr.), cleaved slst.	<0.008	
	46	47		Py^{ls} slst & minor mdst.		
237	47	48		Cleaved slst, minor mdst.	<0.008	
	48	49		—— ditto ——		
238	49	50		c.g. slst, slst, 1-2% qtz	0.015	
	50	51		Cren^{d} & cleaved slst		<0.008
239	51	52		F.g. qtz sst, minor slst	0.286	0.337
	52	53		C.g. slst		2.110
240	53	54	□	F.g. sst/c.g. slst, py^{ls} (brown stained)	0.791	0.120
	54	55	▫	50% f.g. qtz sst, 50% slst (brown stain ? py)		0.050
241	55	56	□	25% white qtz, cren^{d} & cleaved slst (cb), tce sulf	0.041	0.025
	56	57		20% white qtz (vuggy), cleaved slst/mdst		
242	57	58	□	30% qtz, cb & brown (py?) stain, cleaved slst	<0.08	
	58	59	□	1-2% brown stain (py?) white qtz, cleaved c.g. slst.		
243	59	60	□	f.g. qtz sst (brown stained), minor wood frags.	<0.08	
	60	61	▫	Brown stained py^{ls} f.g. sst/c.g. slst.		
244	61	62		No sample	0.059	
	62	63		No sample		
245	63	64	□	f.-m.g. qtz sst, 5% qtz, visible py	0.038	
	64	65	□	py^{ls} slst, 1-2% qtz, (brown stained qtz & slst)		0.062
246	65	66	□	f.g. py^{ls} qtz sst, 1% qtz	0.161	0.347
	66	67		—— ditto —— 2% white (vuggy) qtz		0.106
247	67	68		—— ditto —— 2-5% white granular, vuggy qtz	0.112	0.084
	68	69	*	Cleaved grey slst, tce qtz		
248	69	70	(□)	Cleaved & cren^{d} slst, minor py^{ls} qtz sst, 2-3% qtz	<0.008	
	70	71		Cleaved slst (→ massive), 5% white qtz, minor cb.		
249	71	72	*	c.g. slst/f.g. sst, tce qtz	<0.008	
	72	73	□	Cleaved slst/(mdst), 5-10% white qtz (cb), aspy.		
250	73	74	□	Cleaved py^{ls} slst, minor py^{ls} sst 1-2% qtz.	0.014	
	74	75	□	Cleaved/cren^{d} py^{ls} slst (dark grey), 30% white, py, chlor		
251	75	76	*	cleaved mdst (slst), tce qtz	<0.008	
	76	77		dark grey cleaved mdst, 2-3% qtz (cb)		
252	77	78	□*	dark grey, py^{ls} mdst, slst, tce qtz.	0.009	
	78	79		dark grey cleaved mdst No qtz.		
253	79	80		Cleaved & cren^{d} slst <2% qtz-cb	<0.008	

COMMENTS Hit Stope or Shaft at 61-64 m. 60-61 V. small Sample, 61-62, 62-63 stope, no sample. 63-64 small sample. Timber top & bottom, ? Shaft, Main E. Chem.

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC 5
COORDS	N	E RL	TYPE:
ANGLE	AZIMUTH	E.O.H.	PAGE: 3 OF 3
GEOL	DRILL	DATE	

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au (g/t)
	80	81		Cleaved & crenᵈ dark grey slst/mdst ∠20% qtz, wood	
212254	81	82		(STOPE) ditto . visible Au in qtz	0.020
	82	83		Cleaved dark grey slst - mdst, 5-10% qtz(cb), lamᵈ	
255	83	84	D	Cleaved, crenᵈ dark grey carb mdst (slst) 5% qtz-cb, cnls	0.044
	84	85		——— ditto ——— <2% qtz-cb	
256	85	86	*	——— ditto ——— tce qtz	<0.008
	86	87		——— ditto ——— No qtz	
257	87	88		——— ditto ——— ditto	<0.008
	88	89	¢	——— ditto ——— tce qtz	
258	89	90	*	f.g. qtz sst/cg slst, minor mdst, tce qtz	"
259	90	91	□	Py 1% mdst/slst.	"
				END OF HOLE 91 m.	

COMMENTS Hit drive @ 81-82 m (No Sample). 212259 is single metre sample. Hole stopped at 91 m because drilling rate had become too slow (5m/hour). Water pressure too great for hammer to work effectively. Target already reached so decided to finish hole before programmed depth was reached.

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT LEFROY GOLD PROSPECT PINAFORE - CHUM
COORDS 51,251 N 498,493 E RL 80m — HOLE NO. LGC6
ANGLE -60° AZIMUTH 347° (mag) / 344° (true) E.O.H. 100 m — TYPE: RC
GEOL R.A.K DRILL VDR 650 DATE 23/10/95 — PAGE: 1 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	0	1		Yellow clays, qtz frags.	
212460	1	2		Yellow clays, ox. cleaved/Crea^{d} slst.	0.45
	2	3		Greenybrown clays (Khaki) partly ox. slst 5-10% qtz	
261	3	4		Khaki & yellow brown clay, ox clear slst, 2% grey qtz	<0.008
	4	5		Khaki-brown clays 50% ox 50% fresh slst & mdst	
262	5	6		Greenybrown clays & ox. c.g. slst.	"
	6	7		——— ditto ———	
263	7	8		Partly fresh, f.g. qtz-fsp sst & slst.	"
	8	9		Mostly fresh f.g. qtz sst/cg. slst.	
264	9	10		Fresh Schistose c.g. slst.	"
	10	11		——— ditto ———	
265	11	12	□	Schistose slst & mdst 5-10% white qtz	"
	12	13	□	10%-12% qtz cb, gray banded/jam qtz, clear slst grey qtz, subcb	
266	13	14	□	cleaved slst, mdst py^{1c} 25% white qtz	"
	14	15	□	Alt^{d} cg. slst, py^{1c} slst, mdst.	
267	15	16		cleaved slst/mdst 3% white quartz	"
	16	17	*	——— ditto ——— tce qtz.	
268	17	18	*	Schistose slst/mdst, tce qtz.	"
	18	19			
269	19	20	*	Schistose slst tce qtz	"
	20	21		Schistose slst, minor mdst	
270	21	22		Schistose slst & mdst	"
	22	23		Schistose mdst & slst.	
271	23	24		Schistose slst.	"
	24	25			
272	25	26		— ditto —	"
	26	27			
273	27	28	□	Schistose slst, c.g. wkly py^{1c} slst.	"
	28	29			
274	29	30		Mdst & c.g. slst.	"
	30	31	□	Py^{1c} f.g. qtz sst/cg. slst.	
275	31	32		Cleaved cg. slst, 5% qtz.	"
	32	33	□	25% white qtz (grey w/- py), cg slst, mdst.	
276	33	34	*	Fg. slst tce qtz	"
	34	35			
277	35	36		f.g. qtz-fsp sst, mdst.	"
	36	37			
278	37	38		Cleaved & Crea^{d} slst.	"
	38	39			
279	39	40		Cleaved cg. slst/f.g. qtz sst.	"

COMMENTS Water 15-16 m.

CENTRAL KALGOORLIE GOLD MINES N.L. CKGM

PROJECT	PROSPECT		HOLE NO. LGC6
COORDS	N	E RL	
ANGLE	AZIMUTH	E.O.H.	TYPE: RC
GEOL	DRILL	DATE	PAGE: 2 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	40	41			
212280	41	42	a	f.g. qtz (py 1%) sst, schistose	<0.008
	42	43	a	schistose to massive grey py 1% slst	
281	43	44		Cleaved dark grey mdst.	0.026
	44	45	a*	f.g. py 1% slst mdst, tre qtz	
282	45	46	*	Cleaved grey slst, tre qtz.	<0.008
	46	47			
283	47	48		cleaved cg. slst / f.g. qtz fsp sst.	"
	48	49			
284	49	50		cleaved c.g. qtz. sst.	"
	50	51			
285	51	52		Cleaved slst.	"
	52	53			
286	53	54	*	Grey slst, tre qtz	"
	54	55			
287	55	56		grey cleaved slst	"
	56	57			
288	57	58		grey cleaved c.g. slst.	"
	58	59			
289	59	60		Dark grey f.g. slst (py 1%), 5-10% qtz py coating.	"
	60	61			
290	61	62		f.g. schistose qtz-fs sst.	"
	62	63			
291	63	64		— ditto — 2% white qtz	"
	64	65			
292	65	66		f.g. schistose qtz sst.	"
	66	67			
293	67	68		——— ditto ———	"
	68	69			
294	69	70		——— ditto ———	"
	70	71			
295	71	72		——— ditto. ———	"
	72	73			
296	73	74		Cleaved slst	"
	74	75			
297	75	76		——— ditto ———	"
	76	77			
298	77	78		grey cleaved slst.	<0.008
	78	79		cleaved slst, minor mdst.	
299	79	80		cleaved & crenul slst.	0.028

COMMENTS

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		
COORDS	N	E	RL
ANGLE	AZIMUTH	E.O.H.	
GEOL	DRILL	DATE	

HOLE NO. LGC 6
TYPE:
PAGE: 3 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	80	81		cleaved/cren.d f.g. sst, slst, 25-30% white qtz minor chal. ± py.tr.	
212300	81	82		schistose (py 1%), slst.	<0.008
	82	83			
301	83	84		cleaved f.g. qtz sst	"
	84	85			
302	85	86		schistose f.g. sst.	"
	86	87			
303	87	88	*	— ditto — tce qtz	"
	88	89		Cleaved slst	
304	89	90		wkly py 1% c.g. schistose slst.	"
	90	91		schistose py 1% slst, minor c.g. sst schist 10% qtz, py.	
305	91	92		Py 1% slst, cleaved, <5% qtz (white).	"
	92	93		Clear. slst, qtz-fsp schist sst, py 1% 2% qtz (white)	
306	93	94		F.g. greenish py 1% sst, (schistose).	"
	94	95	*	F.g. greenish qtz fsp sst, tce qtz.	
307	95	96	*	F.g. schistose qtz-fsp sst, tce qtz.	"
	96	97		wkly py 1% schistose f.g. sst	
308	97	98		F.g. schistose qtz-fsp sst, <2% qtz.	"
	98	99		F.g. schistose qtz-fsp mic sst.	
212309	99	100		— ditto —	"
				END OF HOLE 100 m.	

COMMENTS

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT LEFROY GOLD PROSPECT PINAFORE - CHVM.
COORDS 51,202 N 498,468 E RL 82m HOLE NO. LGC 7
ANGLE -60° AZIMUTH 347° mag (grid N) E.O.H. 100m. TYPE: RC
GEOL R A KEELE DRILL VDR 650 DATE 24/10/95 PAGE: 1 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
2	0	1		60% Qtz, 40% fresh slst chips.	
212310	1	2		Yellow brown clays, minor purply brn clays, qtz frags and chips	0.017
	2	3		Yellow brown (tan) clays.	
211	3	4		weathered slst chips	0.010
	4	5		yellow ochre clays, weathered slst.	
312	5	6		yellow brown clays, most oxid clean, mdst.	<0.008
	6	7		brown clays, cleaned mdst/slst chips.	
313	7	8		pale brown clays, weath'd schist c.g. slst.	0.008
	8	9		ditto	
314	9	10		weathered cleaned slst.	<0.008
	10	11		yellow brown clays.	
315	11	12		[porley oxid. f.g. schistose qtz sst, 10% grey grn'd qtz	"
	12	13		mostly fresh, cleaned slst/mdst (str. cren'd) minor sst.	
316	13	14	□	[cleaned slst/mdst 20% qtz some orange stain	"
	14	15	□	[flaggy f.g. sst/c.g. slst. 2-5% brown stain qtz.	
317	15	16		f.g. schistose qtz fsp sst/c.g. slst.	"
	16	17		[flaggy cg. slst, < 5% white grey qtz.	
318	17	18		grey schistose mdst.	"
	18	19		— ditto — crenulated.	
319	19	20		——— ditto ———	"
	20	21	□	[Cleaned py'ls slst 50% qtz, white-grey, Striated (fibrous)	
320	21	22	□	[wkly py'ls slst, cg. qtz slst. 10% white qtz.	"
	22	23		f.g. qz-fsp sst (schistose) 10-15% white qtz.	
321	23	24	*	f.g. qtz-fsp sst, tce qtz	"
	24	25		c.g. qtz slst, dark grey cleaned slst/mdst.	
322	25	26		c.g. slst/f.g. qtz sst.	"
	26	27		slst/mdst.	
323	27	28		c.g. qtz sst (cleaned).	"
	28	29			
324	29	30		Carbon's slst/mdst	"
	30	31			
325	31	32		Schistose c.g. slst.	"
	32	33			
326	33	34		Cleaned slst, minor mdst.	"
	34	35		Cleaned slst.	
327	35	36		[cleaned slst, minor mdst, 5% qtz, chlorite.	"
	36	37		Cleaned, cren'd slst.	
328	37	38		[cleaned c.g. slst 5% qtz.	"
	38	39		Cleaned & cren'd mdst.	
212329	39	40		[cleaned & cren'd carbon's mdst 1-2% qtz	"

COMMENTS Water at 12 m.

CENTRAL KALGOORLIE GOLD MINES N.L. CKGM

PROJECT	PROSPECT		
COORDS	N	E	RL
ANGLE	AZIMUTH	E.O.H.	
GEOL	DRILL	DATE	

HOLE NO. LGC7
TYPE: RC
PAGE: 2 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au (g/t)
	40	41		Cream & clear. slst 20% white/grey qtz.	
212330	41	42		Carbonaceous mdst.	<0.008
	42	43			
331	43	44		Carbonaceous mdst / slst.	"
	44	45			
332	45	46		Hard, cleaved carb^{ac} slst.	"
	46	47			
333	47	48		Carbon^{c} f.g. slst.	"
	48	49			
334	49	50		Hard carbon^{c} slst / mdst.	"
	50	51			
335	51	52		Grey cleaved mdst / slst.	"
	52	53			
336	53	54		Grey cleaved slst.	"
	54	55			
337	55	56	□	Dark grey cleaved py^{ls} slst.	"
	56	57			
338	57	58	□	Dark grey cleaved slst, py^{ls} mdst.	"
	58	59			
339	59	60		Dark grey, cleaved & cream mdst/slst	"
	60	61			
340	61	62		Dark grey, cleaved mdst.	"
	62	63			
341	63	64			"
	64	65			
342	65	66		Py^{ls} slst / mdst.	"
	66	67			
343	67	68			"
	68	69			
344	69	70		Grey cleaved & cream slst.	"
	70	71			
345	71	72			"
	72	73			
346	73	74	□	Cremated & cleaved py^{ls} slst/mdst	"
	74	75	✓	G	
347	75	76			"
	76	77			
348	77	78	□	Py^{ls} slst / mdst	"
	78	79			
212349	79	80			"

COMMENTS

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		
COORDS	N	E	RL
ANGLE	AZIMUTH	E.O.H.	
GEOL	DRILL	DATE	

HOLE NO. LGC7
TYPE: RC
PAGE: 3 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	80	81			
212350	81	82		Cleaned mdst (dark grey)	<0.008
	82	83			
351	83	84			<0.008
	84	85			
352	85	86		Pyritic slst/mdst.	"
	86	87		f.g. coarsely py's cleaned & Gen^l slst/mdst	
353	87	88		clean/Gen^l dark grey to black py's f.g. slst/mdst. 5% white qtz	0.030
	88	89		f.g. carb^s, py's slst, 10-15% white qtz.	
354	89	90		Dark grey to black py's mdst	0.040
	90	91			
355	91	92		Black carbon^s, py's slst/mdst	<0.008
	92	93		Pyritic mdst	
356	93	94		Py's mdst, 25% white-grey qtz.	"
	94	95		Black mdst, 65% qtz, Py.	
357	95	96		Py's slst, 20% qtz w/- py coating.	"
	96	97		Cleaned py's slst/mdst, 10-15% qtz, py.	
358	97	98		Black py's mdst, 1-2% qtz	"
	98	99		Black py's slst/mdst	
212359	99	100		—— ditto —— 5%-10% white qtz.	"
				E.O.H. 100m.	

COMMENTS

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT LEFROY GOLD PROSPECT PINAFORE - CHUM
COORDS 51,296 N 498482 E RL 77m HOLE NO. LGC 8
ANGLE -60° AZIMUTH 347° Mag (due N) E.O.H. 96m TYPE: RC
GEOL R.A. Keele DRILL VDR 650 DATE 25/10/95 PAGE: 1 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	0	1		Soil, clays, minor qtz & rock chips.	
212360	1	2		clays, minor qtz frags	0.448
	2	3		Yellow brown to greenish clays, partly ox slst.	
361	3	4	*	——— ditto ——— ditto ——— tr qtz	<0.008
	4	5		——— ditto ——— part ox c.g. slst/fg sst.	
362	5	6		Brown (greenish) clays, part ox. slst, mdst, 10% qtz	"
	6	7		Grey clays, mostly fresh mdst (clean. & crenᵈ).	
363	7	8		Cleaved & crenᵈ slst (grey), fresh rock.	"
	8	9		Fresh c.g. slst/fg sst.	
364	9	10	□	C.g. slst, mdst, 30% qtz, brown stain, prob. py tr	"
	10	11	*	Pale grey c.g. slst, minor mdst, tr qtz.	
365	11	12	*	Dark grey fg. slst/mdst, tr qtz.	"
	12	13		Grey fg. qtz fs sst/slst.	
366	13	14		——— ditto ———	"
	14	15		——— ditto ———	
367	15	16		——— ditto ———	"
	16	17			
368	17	18		——— ditto ———	"
	18	19		Dark grey, cleaved/crenᵈ mdst (carbonᵉ)	
369	19	20	□	Cleaved slst, mdst, 5% qtz (py) chlor.	"
	20	21	□	Py tr slst & mdst, 15% qtz py coating, cb, chl.	
370	21	22	*	Dark grey cleaved mdst, tr qtz.	"
	22	23	□	Slst, minor mdst, 50% qtz, py in selvedge.	
371	23	24	*	Pale grey schistose c.g. qtz slst/fg sst (tr mdst), tr qtz	"
	24	25		Pale grey c.g. schistose slst.	
372	25	26	□	f.g. qtz-fs sst (schistose), 10-15% qtz (wlt-tr py, cb selv)	"
	26	27		2% qtz, f.g. qtz sst (schistose).	
373	27	28		5-10% qtz, granulated, f.g. qtz-fsp sst.	"
	28	29	□	2-3% qtz " ditto wkly py tr	
374	29	30		Grey cleaved slst	"
	30	31		——— ditto ———	
375	31	32	□	25% qtz, locally py tr cleaved/crenᵈ f.g. slst/slst.	"
	32	33	□	5-10% qtz, cleaved slst & mdst (py)	
376	33	34		15% white qtz, c.g. qtz sst/slst.	"
	34	35		Grey cleaved slst	
377	35	36		——— ditto ———	"
	36	37			
378	37	38		——— ditto ———	"
	38	39		C.g. schistose slst/f.g. qtz sst.	
379	39	40		15% qtz white, green qtz, cleaved slst, minor mdst.	0.014

COMMENTS First water at 6m.

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC 8
COORDS	N	E RL	
ANGLE	AZIMUTH	E.O.H.	TYPE:
GEOL	DRILL	DATE	PAGE: 2 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	40	41		Cleaved/cren slst & mdst	
212380	41	42		f.g. qtz sst (→ massive), 12% qtz white wf-cloudy, cb.	<0.008
	42	43		——— ditto ———, slst/(mdst) 5% white qtz	
381	43	44		Cleaved slst/mdst	"
	44	45			
382	45	46	□	f.g. qtz sst/cg slst, wk py^{ls} 15% pale alt^{d} (cloudy fg) rock	"
	46	47		f.g. qtz sst (minor mdst), tce alt^{d} sst.	
383	47	48	□	f.g. qtz ± (py's) sst, minor mdst, 5% qtz (ox).	"
	48	49	□	——— ditto ——— 2-3% qtz-(cb).	
384	49	50		Grey schistose slst	"
	50	51			
385	51	52		——— ditto ———	"
	52	53			
386	53	54		——— ditto ———	"
	54	55			
387	55	56		Gray c.g. schistose slst.	"
	56	57			
388	57	58	□□	Cren/cleaved slst/c.g. slst (wk py's)	"
	58	59			
389	59	60		Cleaved (py oxide) slst, tce altered chlor.	"
	60	61			
390	61	62	*	Cren^{d} schistose slst/mdst, tce alt^{d} chlor, tce qtz.	"
	62	63			
391	63	64		Cleaved mdst, minor slst	0.010
	64	65			
392	65	66	*	Cleaved slst, tce qtz	<0.008
	66	67			
393	67	68		c.g. slst / f.g. qtz sst.	"
	68	69	□	wk y schistose & py^{ls} c.g. slst / f.g. qtz sst, 2% qtz	
394	69	70		f.g. qtz-rich sst.	0.017
	70	71			
395	71	72		——— ditto ———, minor slst.	<0.008
	72	73			
396	73	74		f.g. qtz sst.	"
	74	75			
397	75	76		Schistose slst/(c.g. slst)	"
	76	77			
398	77	78		Dark grey cleaved/cren^{d} f.g. slst.	"
	78	79	□*	Dark grey mdst, cg slst (py^{ls}), tce qtz (-py!.	
212399	79	80	□	Cleaved slst, py^{ls} mdst, 1-2% qtz	"

COMMENTS Additional water flow at 60m.

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC 8
COORDS	N	E RL	
ANGLE	AZIMUTH	E.O.H.	TYPE:
GEOL	DRILL	DATE	PAGE: 3 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t.
	80	81	□	Dark grey (py^{lc}) slst., 15% qtz, coarse py.	
212400	81	82		Schistose slst, 2% white qtz.	<0.008
	82	83		Dark grey cleaved slst.	
401	83	84		Cleaved slst & mdst.	"
	84	85	□*	Cleaved slst, tce qtz w/- py.	
402	85	86	□	Cleaved c.g. slst, localy py ^{lc}.	"
	86	87		Cleaved c.g. slst.	
403	87	88		Cleaved & crenulated slst.	<0.008
	88	89		——— ditto ———	
404	89	90		——— ditto ———	"
	90	91	□*	Cleaved (py^{lc}) c.g. slst, minor cren^{d} slst, tce qtz.	
405	91	92		C.g. cleaved slst, tce cren^{d} mdst.	"
	92	93	*	—— ditto —, minor slst, tce qtz.	
406	93	94	□	——— ditto — py^{lc}, tce slst.	"
	94	95	□	Cleaved py^{lc} (course grained)	
407	95	96	□*	Cleaved c.g. slst (py^{lc}), tce qtz.	"
				END OF HOLE 96m.	

COMMENTS Slowing boring rate would have applied from 90m onwards. Therefore hole stopped at 96m.

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT LEFROY GOLD PROSPECT PINAFORE-CHUM. HOLE NO. LGC9

COORDS 50884 N 498,400 E RL 90m TYPE: RC

ANGLE -60° AZIMUTH 347 mag (due N) E.O.H. 100m PAGE: 1 OF 3

GEOL RAK DRILL VDR 650 DATE 30/10/95

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t	ANALYSES Mag Sus K.SI x10⁻³
	0	1		50% qtz., 50% ox. basalt chips, clays.		
212408	1	2		Reddish brown clays, ox. basalt chips,	<0.008	
	2	3	*	——— ditto ——— tce qtz		
409	3	4		——— ditto ———	"	
	4	5		Brown clay.		
410	5	6		— ditto —	"	
	6	7		Greeny grey clays, partly fresh basalt chips		
411	7	8		——— ditto ———	"	
	8	9		——— ditto - mostly fresh basalt.		
412	9	10	BASE OF OXIDN	Fresh f.m.g. dark green to black basalt	"	
	10	11				
413	11	12			"	343
	12	13				
414	13	14			"	290
	14	15				389
415	15	16			"	280
	16	17				
416	17	18			"	332
	18	19				
417	19	20			"	253
	20	21	?*	mostly fresh, black coated basalt, minor veining, qtz?		341
418	21	22	?*	mostly fresh basalt, minor veinlets (?qtz).	0.018	
	22	23				373
419	23	24			<0.008	436
	24	25				
420	25	26			"	313
	26	27				
421	27	28			"	332
	28	29				
422	29	30			"	303
	30	31				
423	31	32			"	204
	32	33				
424	33	34			"	238
	34	35				
425	35	36		Fresh basalt chips, oxidised bas.	"	
	36	37		Fresh basalt.		
426	37	38			"	
	38	39				329
212427	39	40			"	

av. 317

COMMENTS water table hit at 36m. (on fracture within basalt)

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		
COORDS	N	E	RL
ANGLE	AZIMUTH	E.O.H. 100m	TYPE: RC
GEOL	DRILL	DATE 30/10/95	PAGE: 2 OF 3

HOLE NO. LGC9

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	40	41		Basalt	
212428	41	42		↓	<0.008
	42	43			
429	43	44			"
	44	45		↓	
430	45	46		Grey clays, . 50% qtz, 50% lignitic frags, qtz sst	"
	46	47		— ditto —, 30% white(grey) qtz., 60% qtz-fs sst, 10% lignite	
431	47	48		— ditto —, 50% white grey, greenish qtz 50% lignite tce slst	"
	48	49		— ditto —, 25% qtz white (incl grey hem-py chert) rounded frags, slst mdst	
432	49	50		— ditto — 25% qtz, qtz sst, mdst	<0.008
	50	51			
433	51	52		Cleaved f.g. qtz-fsp sst, 5-10% white(-grey) qtz	"
	52	53			
434	53	54		15% qtz, c.g. slst / f.g. qtz-fsp sst	"
	54	55			
435	55	56		20% qtz, c.g slst, mdst.	"
	56	57			
436	57	58	*	c.g. cleaved slst (greenish) tce mdst & qtz.	"
	58	59			
437	59	60		Cleaved c.g. slst, f.g. slst / mdst	"
	60	61			
438	61	62		Cleaved c.g. qtz slst / f.g. sst	"
	62	63			
439	63	64	□	f.g. sst (some alt'n), mdst, py^{1s} (coarse X^{L} cubes) 10-15% white qtz	"
	64	65			
440	65	66		Grey cleaved slst	"
	66	67			
441	67	68	□	Dark grey cleaved/cren^{d} f.g. slst, 10% white/grey qtz wt py	"
	69	69			
442	69	70		Dark grey cleaved/cren^{d} f.g. slst.	"
	70	71			
443	71	72	□	Dark grey to black cleaved py^{1s} mdst, massive py, 5% qtz.	"
	72	73	□ *	Str py^{1s} mdst, tce qtz, tce sst.	
444	73	74		Dark grey to black, carb^{s} mdst, f.g. sst, 2-3% qtz.	"
	74	75	*	Dark grey slst, tce qtz	
445	75	76	*	Cleaved/cren^{d} mdst, tce qtz.	"
	76	77	□	70% qtz, py, cleaved slst/mdst.	
446	77	78	□	75% qtz, py (ch)	"
	78	79	□	15% qtz, py, pale alt^{d} c.g. slst slst/mdst	
212447	79	80		75-80% white qtz, cleaved/cren^{d} slst/mdst.	"

COMMENTS

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		
COORDS	N	E	RL
ANGLE	AZIMUTH	E.O.H.	
GEOL	DRILL	DATE	

HOLE NO. LGC 9
TYPE: RC
PAGE: 3 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	80	81			
212448	81	82		Cleaved/crenul slst (mdst), 2-5% qtz	0.010
	82	83			
212449	83	84		Cleaved/crenul gray slst.	<0.008
	84	85			
212450	85	86		f.g. qtz-rich sst.	"
	86	87		Cg. slst, slst (mdst), >2% qtz, tr c py, f.g. qtz sst.	
451	87	88		f.g. qtz py, sst, mdst 30% white/green qtz, x-cut py.	"
	88	89		Grey cleaved slst 20% white qtz-cb, brown stain, py	
452	89	90	*	Cleaved cg. slst/ f.g. qtz sst, tr c qtz.	"
	90	91		Wkly cleaved → massive f.g. qtz-fsp sst.	
453	91	92		——— ditto ———	"
	92	93		py, c.g. cleaved slst, 2% qtz	
454	93	94		wkly py, f.g. qtz-fs sst,	"
	94	95		f.g. cleaved gray slst.	
455	95	96		cg. py, slst, minor slst, <5% white qtz.	"
	96	97		f.g. qtz-sst, minor mdst (minor calc)	
456	97	98		py, slst, mdst, 10-15% qtz.	"
	98	99		30% white qtz, f.g. qtz-sst (py), py coating on qtz	
212457	99	100		py, f.g. qtz sst, 15% white qtz	"
				END OF HOLE 100m.	

COMMENTS

335134

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT LEFROY GOLD PROSPECT PINNACLE - CHUM
COORDS 51,115 N 498,393 E RL 83m HOLE NO. LGC10
ANGLE -60° AZIMUTH 347 (GRID NW) E.O.H. 100m. TYPE: RC
GEOL RAK DRILL VDR 650 DATE 31/10/95 PAGE: 1 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	0	1		Soils, fresh rock chips, qtz gravels & clays.	
212458	1	2		Brown clays	0.020
	2	3		Yellow-brown clays	
459	3	4			<0.008
	4	5			
460	5	6			"
	6	7			
461	7	8			"
	8	9			
462	9	10			"
	10	11			
463	11	12		Green-brown clays, partly fresh sist/mdst, 30% brown stain qtz.	"
	12	13		——— ditto ——— 5% qtz	
464	13	14	*	Mainly clays, tce mdst, qtz.	"
	14	15	base of oxid	— ditto — , sist.	
465	15	16		Grey clays, mainly fresh mdst, 30% qtz py.	"
	16	17		Mdst & 10-15% qtz, (py)	
466	17	18		mdst	"
	18	19		-ditto-	
467	19	20		Carb^{ac} mdst	"
	20	21		mdst	
468	21	22		Cleaved sist.	"
	22	23		Mdst, sist.	
469	23	24		Py^{ac} mdst, sist.	"
	24	25		Grey & black carb^{ac} mdst.	
470	25	26		Mostly grey clays, black py^{ac}, silic mdst, 15% qtz (py cubes)	"
	26	27	*	Mostly grey clays, small amount of qtz, tce py^{ac} mdst.	
471	27	28		Cleaved py^{ac} sist, tce fg qtz sst wt py 15% qtz, py.	"
	28	29	*	Mostly grey clays, tce py^{ac} mdst/sist, qtz +/- py.	
472	29	30		Grey cleaved/cren^{d} sist.	"
	30	31		Grey cleaved/cren^{d} sist, tce oxid. frags.	
473	31	32		Grey cleaved sist, tce mdst.	"
	32	33		— ditto — 20-25% qtz, sulphides py? po?	
474	33	34		Pale grey py^{ac} c.g. sist.	0.036
	34	35		Cleaved c.g. qtz-fsp sist.	
475	35	36		Cleaved/cren^{d} pale grey f.g. sist.	<0.008
	36	37		Str py^{ac} c.g. qtz-fsp sist, 2% brown stain qtz.	
476	37	38		Cleaved sist & mdst, some oxid. chips.	"
	38	39		85% qtz (white), mdst & sist, stained qtz & rock chips	
212477	39	40		<2% qtz, cleaved/cren^{d} grey sist, minor mdst.	"

COMMENTS First hit water at 18 m.

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC10
COORDS	N	E RL	
ANGLE	AZIMUTH	E.O.H.	TYPE: RC
GEOL	DRILL	DATE 31/10/95	PAGE: 2 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	40	41		C.g. schistose slst, 25% brown stain, white qtz.	
212478	41	42		(c.g.) pale alt^{d} slst, 65% qtz, brown stain, ferug^{d}	<0.008
	42	43		——— ditto ——— 5-8% white qtz.	
479	43	44		Cleaved/crenu^{d} pale grey qtz slst, slst, tce mdst, oxid. chips	"
	44	45		c.g. qtz-fsp slst.	
480	45	46		Cleaved/crenu^{d} f.g. slst, 10-15% brown stained qtz.	"
	46	47		Crenu/cleaved mdst, minor slst.	
481	47	49		f.g. schistose qtz-fsp sst.	"
	48	49		f.g. qtz-fs sst, slst.	
482	49	50		Mainly clays, c.g. slst, 5% qtz.	"
	50	51			
483	51	52		Cleaved slst, tce mdst.	"
	52	53			
484	53	54		Cleaved mdst, 15% qtz.	"
	54	55			
485	55	56		Cleaved mdst, cleaved slst.	"
	56	57			
486	57	58		Cleaved mdst.	"
	58	59			
487	59	60		Cleaved c.g. slst, cleaved mdst.	"
	60	61			
488	61	62	Q	Cleaved porphyroblastic f.g. slst, mdst, py^{1c}	"
	62	63	Q	Cleaved mdst, 20% qtz-cb veinlets, py	
489	63	64	Q	py^{1c} cleaved slst-mdst, 25% qtz(-cb), py.	0.012
	64	65	(Q)	Cleaved slst, mdst (py)	
490	65	66	Q	Grey schistose(→massive) slst, py^{1c}, 20% white qtz	<0.008
	66	67	Q	f.g. qtz rich, py^{1c}, sst.	
491	67	68	Q	——— ditto — (wkly py^{1c})	"
	68	69		Cleaved c.g. slst/f.g qtz sst, 2-3% qtz.	
492	69	70	Q	Cleaved, py^{1c}, f.g → c.g slst, <2% qtz (py // to bedding) greenish	"
	70	71	Q	Cleaved/crenu^{d} mdst, cg. slst/f.g sst, 50% qtz, white, tce py.	
493	71	72	Q	——— ditto ——— 40% qtz, py	"
	72	73	Q	——— ditto ——— 35% qtz, wkly py^{1c}	
494	73	74	Q	Cleaved dark slst, py^{1c} c.g. pale slst, 70% qtz, green, py.	"
	74	75		Cleaved fg sst/c.g. slst, 55% white qtz, green.	
495	75	76	Q	Pale py^{1c} c.g. slst/f.g. slst, 30% white qtz (py)	"
	76	77		Cleaved slst, mdst, 2-5% white qtz-cb.	
496	77	78		Cleaved slst (mdst)	"
	78	79		— ditto —, tce mdst, 2-5% white qtz.	
212497	79	80	Q	— ditto —, 5-10% white qtz (py).	"

COMMENTS Additional water at 60 m. Water stank with gases from old workings.

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC10
COORDS	N	E RL	TYPE: Rc
ANGLE	AZIMUTH	E.O.H.	PAGE: 3 OF 3
GEOL	DRILL	DATE	

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	80	81	□	Cleaved slst, 40% white/grey qtz, py.	
212498	81	82	□	Wkly py^{1c} cleaved slst, minor mdst, 30% white qtz.	<0.008
	82	83		f.g. qtz-fs sst, 5% white qtz.	
499	83	84	□	Cleaved slst(cg), mdst, 15% qtz, Py.	0.019
	84	85	*	Cleaved mdst, slst. <10% qtz.	
500	85	86		Cleaved slst, mdst.	<0.008
	86	87		——— ditto ———, tce c.g. qtz-fsp slst.	
501	87	88		——— ditto ———	<0.008
	88	89	□	Wkly py^{1c} slst-mdst, 15% qtz.	
502	89	90	□	Py^{1c} slst, mdst, 10-15% qtz (py).	0.011
	90	91		Cleaved c.g. slst, minor mdst.	
503	91	92		Dark cleaved/crenl mdst.	<0.008
	92	93		Cleaved f.g. slst, minor mdst 15% qtz.	
504	93	94		Cleaved slst, 2-5% qtz (veinlets)	4
	94	95			
505	95	96		Cleaved slst (→ c.g.), tce mdst.	4
	96	97			
506	97	98		Cleaved slst (⇒ c.g.).	4
	98	99			
212507	99	100		Py^{1c} cleaved slst (→cg), 1-2% qtz brownstain.	4
				E.O.H. 100 m.	

COMMENTS (check samples for Sn assays)

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT LEFROY GOLD PROSPECT PINNACLE - CHUM.
COORDS 51,112 N 498,350 E RL 80m
ANGLE -60° AZIMUTH 077° (dun E). E.O.H. 100m.
GEOL R.A. KEBLE DRILL VDR 650 DATE 1/11/95

HOLE NO. LGC 11
TYPE: RC
PAGE: 1 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	0	1		Soils, clays, qtz gravels	Au g/t
212508	1	2		clays, qtz gravels	0.148
	2	3		——— ditto ———	
509	3	4		——— ditto ———	0.092
	4	5		Qtz gravels, oxid. slst (partly fresh)	
510	5	6		10-15% qtz, oxid. slst.	0.022
	6	7		C.g. oxid slst	
511	7	8		Oxid. qtz sst, c.g. slst, slst.	0.014
	8	9		Partly fresh soft grey cleaved slst.	
512	9	10	base of weathering	Mostly fresh c.g slst / f.g. sst	<0.008
	10	11		Fresh c.g. slst, cleaved f.g. slst.	
513	11	12		f.g. qtz-fsp sst, slst.	"
	12	13	□	cleaved greeny grey sst. py's	
514	13	14		cleaved/cren^d, c.g. qtz fsp slst.	"
	14	15	*	Grey cleaved slst, qtz// to cleav.	
515	15	16		Cleaved/cren^d f.g. slst/mdst, 5% white qtz.	"
	16	17		C.g. slst, slst (mdst)	
516	17	18	□	py's mdst, minor slst 2-3% white qtz.	"
	18	19		f.g. qtz-fsp-mic sst, slst, 2% qtz	
517	19	20		f.g. qtz mic sst, occ mdst, 5% qtz.	"
	20	21		Grey cleaved, v.v. cren^d c.g. qtz-fsp-mic slst.	
518	21	22	□	Cleaved slst py's 40-50% qtz.	"
	22	23		Cleaved c.g. mic. slst, slst.	
519	23	24	□	c.g. py's slst, mdst 5-7% qtz	"
	24	25	□	c.g. py's slst/f.g. qtz fsp sst, slst	
520	25	26		c.g. slst, cleaved slst	"
	26	27		c.g. slst (f.g. sst), mdst.	
521	27	28	□	c.g. slst (f.g. sst), py's	0.034
	28	29	□	cleaved py's dark slst, mdst	
522	29	30		Cleaved c.g. slst	<0.008
	30	31		Cleaved grey slst (mdst)	
523	31	32		Cleaved/cren^d slst & mdst	"
	32	33		Grey f.g. slst (cleaved).	
524	33	34		——— ditto ———	"
	34	35		Dark grey slst/mdst	
525	35	36		Cleaved slst, c.g. slst, 35% qtz chlor.	"
	36	37		Cleaved slst.	
526	37	38		Cleaved slst/mdst	"
	38	39		Cleaved grey slst.	
212527	39	40	□	c.g. py's qtz-fsp slst.	"

COMMENTS Water 1st hit @ 16m, no increase flow after heat.

335138

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		
COORDS	N	E	RL
ANGLE	AZIMUTH	E.O.H.	
GEOL	DRILL	DATE	

HOLE NO. LGC 11
TYPE: RC
PAGE: 2 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	40	41		c.g. py^{ic} slst (qtz-fsp)	
212528	41	42		Dark grey cren^{d} mdst (f.g. slst.)	<0.008
	42	43		py^{ic} mdst / slst	
529	43	44		py^{ic} c.g. slst, slst	"
	44	45		c.g. slst / f.g. sst	
530	45	46		— ditto — py^{ic}	"
	46	47		Cleaved slst.	
531	47	48		C.g. py^{ic} cleaved slst.	"
	48	49		Cleaved grey slst.	
532	49	50		C.g. slst, slst.	"
	50	51		Grey slst, f.g. slst / mdst.	
533	51	52		Grey c.g. slst (cleaved), dark grey f.g. slst.	"
	52	53		Dark grey f.g. slst (mdst), c.g. slst.	
534	53	54		Grey cleaved / cren^{d} slst / (to f.g. slst)	"
	54	55		Grey Schistose c.g. slst, mind mdst.	
535	55	56		——— ditto ———	<0.008
	56	57		C.g. grey slst / f.g. qtz sst, tce mdst.	
536	57	58		Cleaved / cren^{d} slst.	"
	58	59		Cleaved / cren^{d} dark grey mdst.	
537	59	60		Cren^{d} slst, mdst, 15% qtz	"
	60	61		—— ditto ——, 10% qtz	
538	61	62		Cleaved slst.	"
	62	63		Cleaved / cren^{d} slst, mdst.	
539	63	64		c.g. slst, f.g. slst.	"
	64	65		Carbon^{c} slst, (mdst), py^{ic}	
540	65	66		C.g. slst.	"
	66	67		Cleaved c.g. slst / f.g. sst.	
541	67	68		Cleaved c.g. slst / slst.	"
	69	69		Cleaved / cren^{d} dark grey slst, mdst.	
542	69	70		C.g. cleaved qtz-fsp slst.	"
	70	71		——— ditto ———	
543	71	72		F.g. cleaved slst / mdst, 25% qtz (py)	"
	72	73		Cleaved slst, tce qtz.	
544	73	74		Cleaved slst, mdst, 2-3% qtz.	Wet Sample "
	74	75		Cleaved c.g. slst / f.g. sst, slst, tce qtz.	
545	75	76		f.g. qtz sst cren^{d} / cleaved mdst.	"
	76	77		Cleaved c.g. slst.	
546	77	78		C.g. slst, f.g. slst.	"
	78	79		Cleaved f.g. sst, cleaved slst, 5-10% white qtz.	
212547	79	80		Cleaved c.g. slst / f.g. sst, 5% qtz.	"

COMMENTS

335139

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		
COORDS	N	E	RL
ANGLE	AZIMUTH	E.O.H.	
GEOL	DRILL	DATE	

HOLE NO. LGC 11
TYPE: RC
PAGE: 3 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	80	81		f.g. qtz-fsp. sst, 5-10% qtz.	
212548	81	82		——— diff ———, No qtz	<0.008
	82	83		Cleaved/crenul f.g. slst, minor mdst	
549	83	84		Cleaved c.g. slst, py's, slst.	"
	84	85		C.g. slst, slst, minor mdst.	
550	85	86		Cleaved slst, minor c.g. slst.	"
	86	87		Cleaved slst	
551	87	88		C.g. py's slst/f.g. sst.	"
	88	89		f.g. qtz-fsp. sst.	
552	89	90		f.g. sst/c.g. slst (micac)	"
	90	91		c.g. slst, slst.	
553	91	92		Cleaved slst, 2-5% qtz.	"
	92	93		c.g. slst/f.g. sst (micac)	
554	93	94		c.g. slst, py's slst.	"
	94	95		f.g. qtz fsp-mic sst/c.g. slst.	
555	95	96		f.g. qtz fs-mic sst.	"
	96	97		f.g. micac fsp sst, py's	
556	97	98		schistose cg. slst, f.g. qtz-fsp. sst.	"
	98	99		py's slst, c.g slst.	
212557	99	100		Str py's, f.g. slst, cleaved py's slst (c.g.) 2-5% qtz.	0.017
				E.O.H. 100m	

COMMENTS

335140

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT LEFROY GOLD PROSPECT PINAFORE - CHUM. HOLE NO. LGC 12
COORDS 51,125 N 498,303 E RL 80m
ANGLE -60° AZIMUTH 077° (due E) E.O.H. 100 m. TYPE: RC
GEOL RAK DRILL VDR 650 DATE 2/10/95 PAGE: 1 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	0	1		Soils, clays, coarse qtz gravels, minor ferrug. frags.	
212558	1	2		tan/yellow clays, small qtz gravels — ditto —	0.014
	2	3		Pale brown clays, coarse qtz gravel (pink stained) white tce ferrug.	
559	3	4		mostly pale brown clays, minor qtz.	<0.008
	4	5		pale grey clays, qtz gravels	
560	5	6		Pale grey clays + qtz gravel, yellow ochre clays	"
	6	7		Ochre-yellow clays	
561	7	8		Greenish brown clays (Khaki), weathered sst clasts	"
	8	9		Brown clays, sst & c.g. sst chips.	
562	9	10		mostly fresh c.g. qtz-fsp-mic sst.	"
	10	11	BASE OF WEATH.	——— ditto ———	
563	11	12		Dark grey mdst.	"
	12	13		Cleaved mdst.	
564	13	14		——— ditto ———	"
	14	15	□	75%-80% white qtz, py, cleaved sist.	
565	15	16	□	Pyic sist, mainly clays, coarse py	"
	16	17	□	80% qtz white wt py, cleaved/cren^{d} py^{tr} sist/mdst.	
566	17	18	□	65% white qtz wt py, py^{tr} c.g. pale alt^{d} sist, mdst/sist.	"
	18	19	□	15% qtz, white Cleaved/cren^{d} f.g. sist, minor py^{tr} c.g. sist (py in qtz)	
567	19	20	□	50% qtz, gren to white, py, cleaved mdst, sist.	"
	20	21	(□)	100% qtz & clays, white to greenish (chlor), tce py	
568	21	22	(□)	——— ditto ———	"
	22	23	□	45% qtz white, greeny, c.g. mic sist (py^{tr})	
569	23	24		35% qtz, white f.g. qtz-fsp mic. sst.	"
	24	25		15-20% white qtz, clear/cren^{d} sist, pale c.g. sist.	
570	25	26		35% qtz white, cleaved/cren^{d} f.g. sist, sericitic c.g. py^{tr} sist.	"
	26	27		Cleaved/wkly cren^{d} c.g. sist, cleaved sist.	
571	27	28	□	Cleaved/cren^{d}, dark mdst, c.g. qtz-fsp-mic sist (py^{tr}) 2% qtz.	"
	28	29	□	3% qtz white, clear/cren^{d}, dark grey carb^{c} mdst, cleaved c.g. py^{tr} sist.	
572	29	30	□	20% qtz white/grey, chlor ch, cleaved/cren^{d} sist (py coating on qtz).	"
	30	31		Cleaved/cren^{d} sist, clean c.g. qtz-fsp sist, tce qtz.	
573	31	32		f.g. qtz-fsp-mic sst.	"
	32	33			
574	33	34		——— ditto ———	"
	34	35			
575	35	36		——— ditto ———	"
	36	37			
576	37	38		——— ditto ——— , cleaved sist, tce qtz.	"
	38	39			
212577	39	40		Cleaved sist c.g. sist, cleaved mdst.	"

COMMENTS Water first hit at 16m.

335141

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC12
COORDS	N	E RL	
ANGLE	AZIMUTH	E.O.H.	TYPE: RC
GEOL	DRILL	DATE	PAGE: 2 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	40	41		Cleaved slst, minor mdst.	
212578	41	42	□	Cleaved slst, minor c.g. slst (py^{1c})	<0.008
	42	43			
579	43	44		f.g. cleaved/cren^{d} slst. c.g. qtz-fsp. slst.	"
	44	45			
580	45	46		Cleaved grey green c.g. slst.	"
	46	47			
581	47	48		grey cleaved (f.g.) slst.	"
	48	49			
582	49	50	□	Cleaved f.g. slst, 2-5% qtz (+py)	"
	50	51			
583	51	52		Cleaved mdst	"
	52	53			
584	53	54		—— ditto ——	"
	54	55			
585	55	56		Cleaved mdst, minor cleaved slst.	"
	56	57			
586	57	58		Cleaved slst, cleaved mdst.	"
	58	59			
587	59	60		Cleaved pale grey c.g. qtz-fsp-mic slst, 5% qtz	"
	60	61			
588	61	62		c.g. qtz-fsp-mic slst.	"
	62	63			
589	63	64		dark grey mdst, minor slst, tr^{ce} qtz.	"
	64	65			
590	65	66		c.g. py^{1c} qtz-fsp-mic slst	"
	66	67			
591	67	68		c.g. slst, slst, mdst	"
	68	69			
592	69	70		—— ditto ——	<0.008
	70	71			
593	71	72		cg. qtz-fsp-mic slst.	0.078
	72	73			
594	73	74		f.g. qtz-rich sst, 3-5% qtz.	0.017
	74	75			
595	75	76		Cleaved mdst, cleaved slst, cg. slst 1-2% white(green) qtz-cb	<0.008
	76	77			
596	77	78		mdst, minor slst.	0.034
	78	79			
212597	79	80		mdst (c.g.) slst.	0.062

COMMENTS

335142

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		
COORDS	N	E	RL
ANGLE	AZIMUTH	E.O.H.	
GEOL	DRILL	DATE	

HOLE NO. LGC12
TYPE: RC.
PAGE: 3 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	80	81			
212598	81	82		Grey, cleaved slst (C.S.), minor mdst.	0.025
	82	83			
599	83	84		Cleaved mic. slst, mast (Coarse mica on cleavage)	<0.008
	84	85			
600	85	86		Cleaved mast, cleaved slst, also cg. slst.	"
	86	87			
601	87	88		Cleaved slst, c.g. qtz slst.	"
	88	89			
602	89	90	□	c-g qtz-fs-mic py[1c] slst / fg sst, fg slst <5% qtz.	0.009
	90	91			
603	91	92		c.g. qtz fsp mic slst, minor mdst.	<0.008
	92	93			
604	93	94		35-40% pure white qtz, cg sandstone slst, minor slt.	"
	94	95			
605	95	96	□	15% qtz (white), sdistone c.g. py[1c] slst, CD.	"
	96	97			
606	97	98	□	py[1c] carb[t] slst, c.g. qtz-fs slst, 35% qtz (-ct)	0.009
	98	99			
212607	99	100		Cleaved slst, minor cg slt, carb[t] mast/slst.	<0.008
				E.O.H. 100m.	

COMMENTS

335143

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT LEFROY GOLD PROSPECT PINAFORE-CHUM HOLE NO. LGC13
COORDS 51,155 N 498,243 E RL 82m TYPE: RC
ANGLE -60° AZIMUTH 077° (mag E) E.O.H. 100m PAGE: 1 OF 3
GEOL R.A.K. DRILL VDR 650 DATE 2/11/95

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	0	1		Soils, brown clays, rock chips (fresh), qtz frags.	
212608	1	2		Yellow brown clays	0.116
	2	3		Tan/grey clays.	
609	3	4		Bright yellow brown clays, oxid. sst.	<0.008
	4	5		c.g. slst/f.g sst, ox, slst.	
610	5	6		c.g. slst, slst, 5% white-grey qtz, mostly oxid.	"
	6	7		Yellow brown clays, ox, schistose slst.	
611	7	8	*	——— ditto ———, tce qtz	"
	8	9		——— ditto ———, 5-10% qtz	
612	9	10		Partly weath'd, c.g. slst, 2-3% qtz.	"
	10	11		——— ditto ———, no qtz	
613	11	12		——— ditto ———	<0.008
	12	13			
614	13	14		mostly fresh decomposed mast, slst	"
	14	15	base of weath		
615	15	16	*	Decomposed slst / c.g slst, tce qtz	"
	16	17			
616	17	18		Schistose slst, & mdst.	"
	18	19			
617	19	20		——— ditto ———, 10% qtz.	"
	20	21			
618	21	22	□	Schistose py^ic slst (→ cg)	"
	22	23			
619	23	24		Schistose slst, minor mdst.	0.008
	24	25			
620	25	26		Schistose c.g. slst, mdst.	<0.008
	26	27			
621	27	28		schistose & cr^d mdst, 30% qtz.	0.008
	28	29			
622	29	30	*	Cleaved mdst, slst, tce qtz.	<0.008
	30	31			
623	31	32		60-70% white qtz, f.g. qtz-fs-mic sst, tce mdst	0.008
	32	33			
624	33	34	*	F.g. qtz-fs-sst, tce qtz	"
	34	35			
625	35	36		Cg. qtz-fs-mx slst.	0.013
	36	37			
626	37	38		mostly clays, cleaved slst, c.g. slst.	<0.008
	38	39			
212627	39	40		f.g. schistose qtz fs mica sst, 15% qtz	"

COMMENTS Water at 16m.

335144

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC 13
COORDS	N	E RL	
ANGLE	AZIMUTH	E.O.H.	TYPE:
GEOL: [illegible]	DRILL VRD	DATE	PAGE: 2 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	40	41			
212628	41	42		80% White qtz, pale green schistose mica slst.	0.009
	42	43			
629	43	44		c.g. schistose qtz-fsp mic slst.	0.009
	44	45			
630	45	46		—— d.tto ——, hard dark grey mdst.	0.014
	46	47			
631	47	48		c.g. schistose qtz-fsp-mic slst, hard dark mdst, 10-12% qtz.	<0.008
	48	49			
632	49	50		—— ditto ——, tr c mdst	0.014
	50	51			
633	51	52		—— ditto ——, minor f.g. slst.	0.011
	52	53			
634	53	54		Dark grey mdst, minor slst, 1-2% qtz (Fe stain)	0.012
	54	55			
635	55	56		c.g. schistose slst, grey slst, 1-2% qtz	<0.008
	56	57			
636	57	58	D	c.g. py½ slst, mdst, 15% white qtz, chl (cb).	0.009
	58	59			
637	59	60		c.g. slst, slst, 10-15% qtz.	<0.008
	60	61			
638	61	62		c.g. slst.	0.019
	62	63			
639	63	64	(D)	f.g. slst/mdst, c.g slst/slst, 30% white qtz (py).	<0.008
	64	65			
640	65	66	*	Schistose c.g. qtz-fs-mic slst, tr c qtz.	"
	66	67			
641	67	68	*	Mainly clays —— ditto —— tr c mdst, qtz	0.010
	68	69			
642	69	70		80% qtz, schistose c.g. qtz-fsp mic slst.	0.009
	70	71			
643	71	72		mic. slst, 10-15% qtz.	<0.008
	72	73			
644	73	74		c.g. qtz-fsp-mz slst, slst.	"
	74	75			
645	75	76		50% c.g. slst, 50% f.g. slst.	"
	76	77			
646	77	78		c.g. schistose qtz-fsp-mic slst/f.g. sst.	"
	78	79			
212647	79	80		f.g. qtz-fsp. sst, slst - mdst 5% qtz (cb) py.	"

COMMENTS

335145

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC 13
COORDS	N	E RL	TYPE: RC
ANGLE	AZIMUTH	E.O.H.	PAGE: 3 OF 3
GEOL	DRILL	DATE	

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	80	81			
212648	81	82		Cleaved s/st, tce m d/st	<0.008
	82	83			
649	83	84		f.g. schistose qtz-fs mic. sst	"
	84	85			
650	85	86		c.g. s/st, qtz-fs mic s/st	0.012
	86	87			
651	87	88		Cleaved m d/st, s/st	<0.008
	88	89			
652	89	90		Cleaved s/st, m d/st	"
	90	91			
653	91	92		Cleaved / oxid m d/st	"
	92	93			
654	93	94		Cleaved, v.k.ly cxon grey s/st	"
	94	95			
655	95	96		—— ditto ——, minor m d/st	"
	96	97		Cleaved s/st	
656	97	98	a	Cleaved py⁵ s/st, m d/st, 10-15% qtz	"
	98	99	*	Cleaved s/st, tce qtz	
212657	99	100		Cleaved s/st, m d/st	"
				E.O.H. 100m.	

COMMENTS

335146

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT LEFROY GOLD PROSPECT PINAFORE - CHUM
COORDS 51,158 N 498243 E RL 82 m — HOLE NO. LGC14
ANGLE -60° AZIMUTH 347 (due N) E.O.H. 100 m. — TYPE: RC
GEOL KAK. DRILL VDR 650 DATE 3/11/95 — PAGE: 1 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t	
	0	1		soils, fresh rock chips, some qtz.		
212658	1	2		50% fresh rock frags, 50% qtz gravel, clays	0.422	
	2	3		Grey clays, tce qtz, rock frags.		
659	3	4		Yellow brown clays, 30% qtz gravels, 70% rock chips (ox)	0.017	
	4	5		—— ditto —— 15% qtz gravels, 85% ox. slst		
660	5	6		—— ditto —— ox. slst, tce qtz	<0.008	
	6	7		oxidised schistose c.g. mic. slst.	"	
661	7	8		—— ditto —— slst, 5% qtz.	"	
	8	9		Partly ox f.g. qtz fs sst.		
662	9	10		Green brown clays, mostly oxid f.g sst/c.g. slst.	"	
	10	11	BASE OF WEATH.	—— ditto —— 2-5% qtz		
663	11	12		mostly fresh f.g. sst/c.g. slst.	"	
	12	13		Partly decomposed c.g. qtz fsp-mic slst.		
664	13	14		Schistose c.g. slst.	"	
	14	15		50% qtz Fe stain, f.g. qtz fsp mic sst/c.g. slst.		
665	15	16		Mostly clays, f.g. qtz fsp sst (partly oxid).	"	
	16	17		mostly fresh cleaved slst, mdst, tce c.g. qtz fsp slst.		
666	17	18		Cleaved mdst.	"	
	18	19		py^ls mdst, f.g. slst.		
667	19	20		c.g. qtz-fsp-mic slst/fg sst. Mind ox. rock chips.	0.017	
	20	21		c.g. qtz mic slst, shaft timbers.		
668	21	22		Schistose slst, c.g. qtz fsp slst, mdst, 10% white qtz, shaft.	0.039	
	22	23		f.g. qtz fsp sst, timber, 2-5% qtz, shaft.		
669	23	24		slst mdst, c.g. slst.	0.019	
	24	25		mdst, fg slst, 2-3% qtz (brown stained)		
670	25	26		mostly clays, c.g. mic. slst.	<0.008	
	26	27		—— ditto —— 2-3% qtz		
671	27	28		—— ditto ——	"	
	28	29		—— ditto —— 5% qtz		
672	29	30		—— ditto —— 80-100% qtz	"	
	30	31		—— ditto —— 5-10% qtz		<0.008
673	31	32		—— ditto —— 2% qtz	0.546	0.180
	32	33		c.g. schistose qtz-fs-mic slst.		
674	33	34		—— ditto ——	<0.008	
	34	35		—— ditto ——, tce fg. slst.		
675	35	36		—— ditto ——	"	
	36	37		f.g. slst, c.g. mic slst, 10% white qtz		
676	37	38		mostly clays, slst c.g. slst, tce qtz	"	
	38	39		80% white qtz (chl), 20% c.g slst.		
677	39	40		30% qtz (py), mdst, slst.	0.009	

COMMENTS Water at 16 m.

335147

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC14
COORDS	N	E RL	
ANGLE	AZIMUTH	E.O.H.	TYPE: RC
GEOL	DRILL	DATE	PAGE: 2 OF 3

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	40	41		Cleaved mdst, slst, 45% qtz (py)	
212678	41	42		Cleaved c.g. mic slst, tce mdst, 15% qtz	<0.008
	42	43		Grey cleaved slst	
679	43	44		Dark grey (carb^{c}) slst, mdst.	"
	44	45		90% white qtz c.g. py, cleaved slst, mdst	
680	45	46		Mostly clays, qtz, py, f.g. qtz-fsp sst	"
	46	47		40% qtz (py) slst, c.g slst, mdst	
681	47	48		40% qtz, cleaved slst.	"
	48	49		c.g. qtz-fsp-mic slst, tce qtz.	
682	49	50		——— ditto ——— <5% qtz	"
	50	51		Mainly clays, cleaved c.g. qtz-fsp slst, minor mdst.	
683	51	52		——— ditto ———, tce qtz	"
	52	53		——— ditto ——— no qtz	
684	53	54		——— ditto ——— 1-2% qtz	"
	54	55		——— ditto ———, 10% qtz-cb	
685	55	56		35% qtz, white, cleaved slst, clear/cren mdst.	"
	56	57		15-20% white qtz, cleaved slst.	
686	57	58		Cleaved slst, minor mdst, tce qtz	"
	58	59		c.g. qtz-fsp slst, tce mdst	
687	59	60		Cleaved mdst.	"
	60	61		Mainly clays, c.g. qtz-fsp-slst.	
688	61	62		Cleaved mdst, slst, c.g. slst.	"
	62	63		50% qtz, cleaved green mic slst.	
689	63	64		Cleaved mic. slst.	"
	64	65		Schistose c.g. slst.	
690	65	66		Cleaved mdst, slst.	"
	66	67		c.g. qtz-fsp slst, mdst.	
691	67	68		Cleaved mdst.	"
	68	69		—— ditto —— tce qtz.	
692	69	70		5% qtz (cb), chl, py, cleaved c.g. slst, mdst.	"
	70	71		2-3% qtz, c.g. qtz slst, tce mdst	
693	71	72		5-10% qtz, cleaved slst	"
	72	73		Cleaved mdst.	
694	73	74		Cleaved mdst, minor slst.	0.008
	74	75		—— ditto ——, slst, 20% white qtz wf chlor.	
695	75	76		f.g. qtz-fsp mic sst, mdst, 20% white qtz (-cb)	0.009
	76	77		Cleaved mdst, slst, tce qtz	
696	77	78		——— ditto ———	<0.008
	78	79		Cleaved slst, mdst.	
212697	79	80		Hard, schistose f.g. qtz sst py^{tr}, hard dark mdst.	0.008

COMMENTS

335148

CENTRAL KALGOORLIE GOLD MINES N.L. (CKGM)

PROJECT	PROSPECT		HOLE NO. LGC 14
COORDS	N	E RL	TYPE: RC
ANGLE	AZIMUTH	E.O.H.	PAGE: 3 OF 3
GEOL	DRILL VDR 650	DATE	

SAMPLE NUMBER	DEPTH FROM	DEPTH TO	ROCK TYPE	DESCRIPTION	ANALYSES Au g/t
	80	81		cleaved s/st.	
212698	81	82		cleaved & crenᵈ py¹ᵉ s/st.	0.011
	82	83		Cleaved s/st, minor mdst.	
699	83	84		Cleaved s/st.	0.013
	84	85		c.g. schistose s/st, mdst.	
700	85	86		Cleaved s/st, mdst.	0.009
	86	87		——— ditto ——— 10% qtz	
701	87	88		s/st, cg. qtz s/st/f.g sst, mdst, 1-2% qtz	<0.008
	88	89	*	Cleaved s/st, minor f.g. s/st, tce qtz	
702	89	90		dark cleaved s/st, 30% qtz	"
	90	91		cleaved s/st (→ c.g.s/st), 2-3% qtz	
703	91	92		Cleaved f.g. s/st (mdst)	0.009
	92	93		Cleaved s/st, c.g. qtz-fsp mic s/st.	
704	93	94		Cleaved/crenᵈ f.g. s/st, c.g. s/st.	<0.008
	94	95	*	Cleaved s/st, minor mdst, tce qtz	
705	95	96		Cleaved/crenᵈ s/st.	0.009
	96	97		Cleaved c.g. s/st, f.g. s/st/mdst, 2-3% qtz, py	
706	97	98		Hard schistose cg. qtz-fs-mic s/st.	0.009
	98	99		——— ditto ———	
212707	99	100		——— ditto ———	<0.008
				E.O.H. 100m	

COMMENTS Variably mott. Saimpes from 88 m onwards

335149

APPENDIX 7

Tabulated rock chip sampling data

ROCK CHIP DATA - LEFROY

ID	Sample No	Gold (ppm)	Easting	Northing	Type	Location
1	P407501	0.375	499760	5448260	Quartz,sulphide	W Volunteer Shaft
2	P407502	0.019	497995	5450990	Quartz,sulphide	W. Pinafore Ext Shaft
3	P407503	0.488	496890	5451310	Quartz,sulphide	E. Chum Ext Shaft dump
4	P407504	0.026	499550	5448230	Quartz,sulphide	W. Volunteer Ext Shaft dump
5	P407505	0.255	498400	5451225	Quartz,sulphide	New East Chum Shaft dump
6	P407506	0.366	498110	5451250	Quartz,sulphide	Kitto-Chum Shaft dump
7	P407507	0.01	497670	5451075	Quartz,sulphide	Unity Shaft dump
8	P407508	0.812	498835	5451800	Quartz,sulphide	E. Pinafore Shaft dump
9	P407566	0.009	499330	5448100	Quartz	Monarch Hill
10	P407577	0.02	499900	5448225	Silic sst/shale,quartz veins,sulphides	Volunteer Main Shaft dump
11	P407578	0.018	499900	5448225	Silic sed,sulphides,minor quartz veins	Volunteer Main shaft dump
12	P407579	0.736	499900	5448225	Silic micac sst,quartz-carbonate veins,sulphides,breccia	Volunteer Main shaft dump
13	P407580	0.6	499900	5448225	Silic sst,carbonate veins	Volunteer Main shaft dump
14	P407581	0.98	499900	5448225	Quartz breccia, minor carbonate	Volunteer Main shaft dump
15	P407582	0.008	499900	5448225	Sst, occasional coarse mica	Volunteer Main shaft dump
16	P407583	0.008	499900	5448225	Green-grey micac sst,minor carbonate?	Volunteer Main shaft dump
17	P407584	0.067	499900	5448225	Quartz,striated,c.g. py,carb veins,dark carbonac frags	Volunteer Main shaft dump
18	P407585	1.52	499900	5448225	Rough "fines" from dump	Volunteer Main shaft dump
19	P407586	0.493	499900	5448225	Sst,quartz veins,arsenopy,py	Volunteer Main shaft dump
20	P407587	0.042	499900	5448225	White qtz,fractured, & flowery qtz,rock frags	Volunteer Main shaft dump
21	P407588	1.265	499900	5448225	Schistose sst, quartz & carbonate veins,(sulphide)	Volunteer Main shaft dump
22	P407589	0.025	499900	5448225	Strongly pyritic black slate	Volunteer Main shaft dump
23	P407590	0.543	499900	5448225	"fines" from dump	Volunteer Main shaft dump
24	P407591	0.106	499900	5448225	Flaggy,pyritic carbonate-bearing sst	Volunteer Main shaft dump
25	P407592	0.069	499900	5448225	Quartz-carbonate veined sst with minor sulphides	Volunteer Main shaft dump
26	P407593	0.008	498400	5451225	Dark carbonaceous slst with minor sulphides	New E Chum shaft dump
38	219904	0.023	503050	5446500	slst/sh+qtz,sst+qtz stockwork	Industry Road section (9mS)
39	219905	0.145	503050	5446497	Contorted slst/sh+5-10cm qvs,minor sst+veining	Industry Road section (12mS)
40	219906	0.092	503050	5446494	Strongly contorted/folded slst/sh+qv,sst & 2cm qvs	Industry Road section (15mS)
41	219907	0.024	503050	5446491	Horiz bedded slst/sh+qtz & Fe stain	Industry Road section (18mS)
42	219908	0.03	503050	5446488	Minor shale/sst contact,Fe stain,sst+qtz veinlets,stockwo	Industry Road section (21mS)
45	219911	0.008	503060	5446453	sst+qtz stockwork	Industry Road section (30mS)
46	219912	0.009	503060	5446450	sst+qtz stockwork	Industry Road section (33mS)
64	219930	0.012	499920	5448240	Qtz,lim veins,cavities,Volunteer H/W	Main Volunteer shaft costean, south end,float
65	219931	0.032	499920	5448242	Gossanous sst from Volunteer H/W,goethite,Cu? stain	Main Volunteer shaft costean,south end,float
66	219932	3.2	500015	5448220	Ferrug. ochre-stained f-mg qtz sst,with qtz veining	E Volunteer shaft dump
67	219933	0.07	500015	5448220	Fresh,cleaved sst with carb spots,qtz veins,sulphides	E Volunteer shaft dump
68	219934	0.198	500015	5448220	Fresh carb veined sst with occ c.g micas	E Volunteer shaft dump
69	219935	0.103	499705	5448210	Qtz-cb veined sst	W Volunteer (New) shaft dump
70	219936	0.016	499705	5448210	Bucky/laminated qtz with sulphide	W Volunteer (New) shaft dump
100	219966	0.021	499400	5448200	qtz ferrug stain/sulphide, c.g slst (f.g sst?)	Volunteer costean 30-31m
101	219967	0.014	499400	5448198	qtz +suls, f.g sst (c.g slst)	Volunteer costean 31-32m
102	219968	0.027	499400	5448196	qtz+suls,f.g sst/c.g slst	Volunteer costean 33-34m
103	219969	0.032	499400	5448194	qtz+suls,slst,SW dipping shear	Volunteer costean 34-35m
104	219970	0.008	499400	5448192	Ferrug coating on c.g slst (no qtz)	Volunteer costean 35-36m
119	219809	0.037	499795	5448380	slst/mdst,sst,minor qtz	Hwy section(N side),Volunteer,81-83mW
120	219810	0.019	499793	5448380	c.g. slst,qtz veining	Hwy section(N side), Volunteer,83-85mW
121	219816	0.012	499805	5448375	sst,c.g. mic. slst,?qtz	Hwy section(N side),Volunteer 95-97mW
122	219817	0.016	499803	5448375	slst,sst,qtz	Hwy section (N side),Volunteer, 97-99mW

APPENDIX 8

Locations of Lefroy shafts

ID	Shaft Name	Easting	Northing
1	Equila	498450	5451640
2	Perpetuel	498478	5451895
3	Never Go Bung Main	498725	5451275
4	Never Go Bung 2	498739	5451316
5	Chum East Ext2	498690	5451320
6	Volunteer East	500015	5448220
6	Volunteer Old	499955	5448265
9	Volunteer Main	499900	5448225
10	Volunteer West Old	499765	5448260
11	Volunteer West New	499705	5448210
12	Chums United Main	497980	5451110 -
13	Chums United 2	498045	5451125
14	Chums United 3	497925	5451065
15	Captain	499341	5448290
16	Volunteer West Ext	499560	5448230
17	Leefloyd	499550	5448885
18	Windermere 2	499412	5448982
19	Windermere 1	499442	5448962
22	Windermere Tunnel	499360	5448960
23	Unity Main	497670	5451070
24	Unity Whim	497545	5451080
25	Unity 3	497735	5451135
26	Chums United 4	497855	5451090
27	Boys	497800	5451080
28	Chums Young	497475	5451100
29	Chums Young 2	497670	5451105
30	Morning Star3	499400	5450295
31	Morning Star3	499280	5450295
32	California	499290	5448240
33	California West	499140	5448200
34	California West Ext	498750	5448145
35	Pinafore Central	498544	5451030
36	Pinafore Main	498410	5451070
37	Pinafore East	498835	5451080
38	Pinafore West	498235	5451040
39	Pinafore West Ext	497950	5450990
40	City of Launcest'n	498860	5449985
41	Clansman	498535	5448430
42	Clansman U/L	498460	5448465
43	Waverly New 60'	498684	5448426
44	Waverly New Main	498810	5448425
45	Waverly New Sth	498910	5448328
46	Rob Roy	499195	5448430
47	Rob Roy 60'	499139	5448404
48	Bannock Main	499310	5448445
49	Bendigo	498290	5450245
50	Caledonian Main	498645	5448430
51	Chum Kitto	498105	5451250
52	Chum New	498400	5451230
53	Chum West	498190	5451170
54	Colonel	500560	5448255
55	Adjutant	500310	5448190
56	Brigadeer	500915	5448305
57	Monkland East	500960	5448965
58	Monkland West	500910	5448960
59	Prince of Wales Main	499840	5449430
60	Prince of Wales West	499810	5449415
61	Shamrock Adit	500010	5448300
62	Admiral	498294	5448307
63	Bannock 2	499395	5448495
64	Digney	500031	5448383
65	Disney PA	499699	5448233
66	Chum East	498510	5451140
67	Chum East Ext3	498739	5451316
68	Volunteer East 2	500100	5448258

ID	Shaft Name	Easting	Northing
69	Fortune of War	499080	5448448
70	Land O'Cakes,New	498996	5448440
71	Londondery	499095	5447281
72	Mole Creek/Zeehan	498003	5448671
73	Monarch	499521	5447653
74	Clarence Nth	498400	5450450
75	Golden Heart New	498780	5450140
76	Monarch, New	499520	5447590
78	Orlando	499520	5447630
79	Native Youth, New	498775	5450025
80	Native Youth, New West	498226	5450000
81	Waverly, New U/L	498658	5448533
82	Waverly, New Whim	498868	5448428
83	New Year Gift	499700	5448673
84	Endeavour	499552	5447504
85	Peden	498595	5448445
86	Princess Alice	498812	5449116
87	Queen's Birthday Gift	499551	5448590
88	Reward 2	499653	5448641
89	Reward 1	499725	5448690
90	Clarence Sth	498405	5450420
91	Specimen Hill	499743	5448705
92	Tablier	499200	5449210
93	Unclass 1	499490	5448793
94	Unclass 2	497326	5450897
95	Unclass 3	500890	5448635
96	Unclass 4	499791	5447990
97	Wallis	499261	5449418
98	Pinafore, White	498901	5451706