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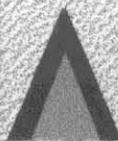
**Report on Geological Mapping,
Rock Chip and Soil Sampling
at the Davie Anomaly- Lynchford Project
Western Tasmania**

EL 15/1999

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Report of Geological Mapping, Rock Chip and Soil
Sampling at the Davie Anomaly - Lynchford Project,
Asarco Exploration Company Incorporated*, Newnham
Reid, R. EL15/1999



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Summary

The Davie Anomaly comprises a 200m long steep to cliffy exposure of ferruginous schistose siliceous sandstone and siltstone, including mineralised fault breccia. This zone coincides with anomalous Au in both rock (max 855ppb) and soil (max 200ppb) samples. Gold mineralisation at the Davie Prospect probably formed within a dextral wrench fault regime, associated with the intersection of the Harris and Harvey Creek Faults. Gold mineralisation may plunge along the intersection of these faults and the Au anomaly is open to the NW.

Introduction

This report presents the results of exploration targeting gold at the Davie Anomaly, located in steep rugged terrain several kilometres west of Lynchford, western Tasmania. The work, undertaken by Newnham Exploration and Mining Services on behalf of Asarco, entailed cutting an access track from the Strahan Road and 1950m of grid, comprising 200m long cross lines centred upon a NW oriented base line. C-horizon soil sampling over the grid was augmented by 2 days of geological mapping during December, 2000. The prospect is centred upon a cliff area, comprising ferruginised foliated sandstone and fault breccia. These cliffs extend up to 25m high, in an area of greater than 100m topographic relief.

See Newnham (2000) for further background information.

Geology

The Davie Anomaly is located within foliated/schistose siliceous sandstone and siltstone of the Ordovician-aged Rinadeena Formation, which lies in faulted contact with fine to medium-grained quartz sandstone of the Siluro-Devonian-aged Crotty Quartzite. The Harvey Creek and Harris Faults are two significant NNW aligned structures separating these units and intersecting in the prospect vicinity (Figure 1).

The prospect is centred upon a cliff area, comprising ferruginised foliated sandstone and fault breccia. Iron oxides (largely limonite with minor hematite) in matrix pervasive and locally veined style, form the bulk of the alteration at Davie. Semi-

massive ironstone is locally evident. Semi-pervasive silica alteration, of weak intensity, accompanied by quartz veinlets to 5mm width is often evident within indurated sandstones. Minor sericite is also apparent locally. Detailed descriptions of the rock types and alteration are given in Figure 2 and Appendix 1.

Geochemistry

Rock chips samples (total 46) were collected as both grab and composite samples (figure 4). The latter typically comprising a collection of 6 or more rock chips, distributed over an entire outcrop surface or sample interval. A total of 79 C-horizon soil samples were collected at 25m intervals over the grid (figure 8). Samples were collected from the maximum readily penetrated depth, which generally ranged from 100 to 800mm. B-horizon samples were collected in a few cases where hard substrate was close to surface. Regardless, Au to 30ppb was readily detected in these samples.

Analysis of both soil and rock chip samples was conducted at Analabs, Burnie. The elements Au, As, Cu, Pb, Zn and Sb were reported for both sample types (see Appendix 2 & 3).

Rock chip geochemistry delineates a 200m long zone of greater than 150ppb Au, peaking at 855ppb (Figure 5). The anomaly delineated by rock chip sampling has similar distribution to that outlined in soil sampling (Figure 3). Au analysis ranged up to 200ppb in C-horizon soil samples, with coherent anomalous zones located in the central grid area and along a northerly aligned zone near the western grid extent (Figure 9). In both soil and rock chips, only weak Au (<18ppb) was found east of line 8N.

Hydrothermal zonation from Au+/-As to As+/-Pb-Zn is evident. A zone of elevated As (>500ppm; max 2300ppm) in soils extending through the central grid area from the SE, merges with anomalous Au in soil and rock chips in the grid centre (figure 3, 10). Weakly elevated As is also co-incident with anomalous Au along a north trending zone in the grids west. Notably, elevated Pb (max 556ppm) and Zn (max 289ppm; figure 3) is located peripheral to anomalous Au and commonly correlates with elevated As. Antimony (max 16ppm) is weakly elevated with Au in rock chips.

Similarly, the nearby Harvey (Au) Prospect was Antimony bearing. Cu returned weak values to 47ppm and apparently does not correlate with Au.

A potentially spurious isolated rock chip Au anomaly of 108ppb was located near 12N, 575E (figure 3,5). This sample (38385) which comprised a fine to medium grained quartz-sandstone with trace quartz veining in creek bed outcrop, could be considered spurious as it may have been contaminated by alluvial gold. The outcrop did not contain FeO veins and the anomaly is not supported by soil sampling.

Similarly, alluvial gold may have contributed to a weak Au (4ppb) analysis located in a sample bearing coarse gravels, near Sulphide Creek. Elsewhere, gold contamination from alluvium is apparently not significant, although Au bearing eluvium in soils may have "smeared" the Au anomalous zone downslope from the Au anomalous cliff outcrops in the central grid area.

Exploration Potential and Discussion

Gold mineralisation at the Davie Prospect may have been formed within a dextral wrench fault regime, associated with the intersection of the Harris and Harvey Creek Faults. This hypothetical interpretation explains the distribution of the mineralised fault breccia, which lies at an angle to the interpreted Harris and Harvey Creek Faults. Measured foliation directions, the mapped fault breccia and gullies in the east of the grid are all of northerly sub-parallel orientation, consistent with enechelon reidel (R') shears produced by wrench faulting (figure 1 and 12). Within this scenario, the small fault with striated surface measured near the fault breccia (at ~10N, 475E) is a compressional P-shear. The northerly principal extension fracture direction is likely to be locally dilatant during faulting, thus the fault breccia with FeO alteration infill. This direction is also reflected in the N aligned Au in soil anomaly in the west of the grid. A dextral wrench fault offset on the Harris Fault, reflected in the regional geology (Newnham, 2000), further supports the model. Potential for gold mineralisation in steeply plunging lensoidal shoot-like form is implied by the suggested wrench fault model.

Potential gold targets are:-

1. The Au anomalous zone (max 855ppb) at the Davie Prospect (figure 15)
2. Potential for extension of the mineralisation exists to the NW of the pinch out between the Harvey Creek and Harris Faults. Mineralisation may plunge (NW) along the intersection of these faults and the Au anomaly is open in this direction.
3. The N aligned Au anomaly (max. 112ppb) in the west of the grid is open to the south.

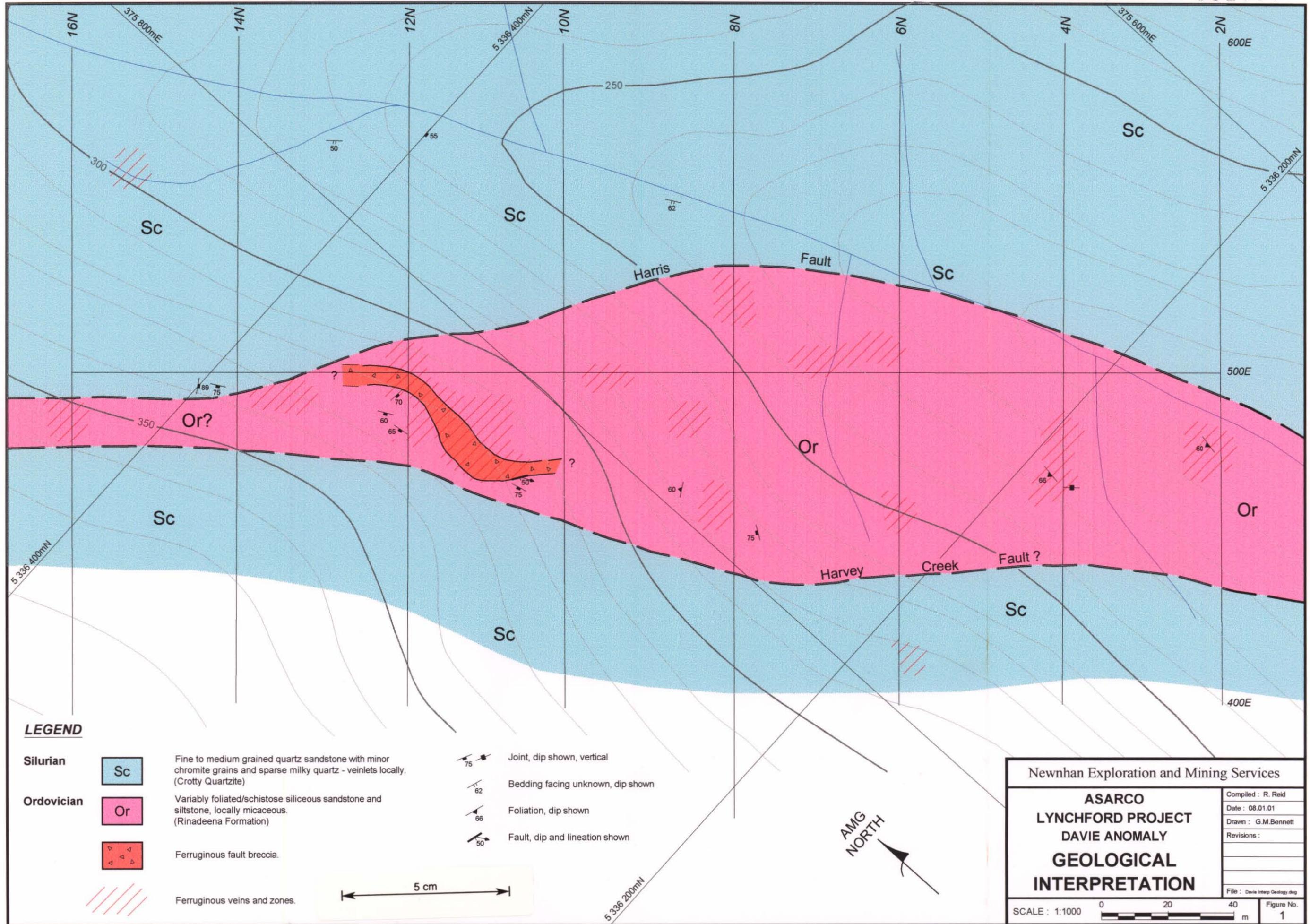
References

Newnham, L. A., 2000. Initial investigations of Davie and 24-28 anomalies.

Lynchford Project Report for Asarco by Newnham Mining and Exploration Services (20/6/00).

Keele, R. A., 1994. Brittle Textures and Veins. In Tectonics, Structure and Ore

Deposits. Master of Economic Geology Course Manual 6. CODES. University of Tasmania. p123-130.



LEGEND

Silurian



Fine to medium grained quartz sandstone with minor chromite grains and sparse milky quartz - veinlets locally. (Crotty Quartzite)

Ordovician



Variably foliated/schistose siliceous sandstone and siltstone, locally micaceous. (Rinadeena Formation)



Ferruginous fault breccia.



Ferruginous veins and zones.

75 Joint, dip shown, vertical

62 Bedding facing unknown, dip shown

66 Foliation, dip shown

50 Fault, dip and lineation shown

5 cm



Newnhan Exploration and Mining Services

**ASARCO
LYNCHFORD PROJECT
DAVIE ANOMALY
GEOLOGICAL
INTERPRETATION**

Compiled : R. Reid

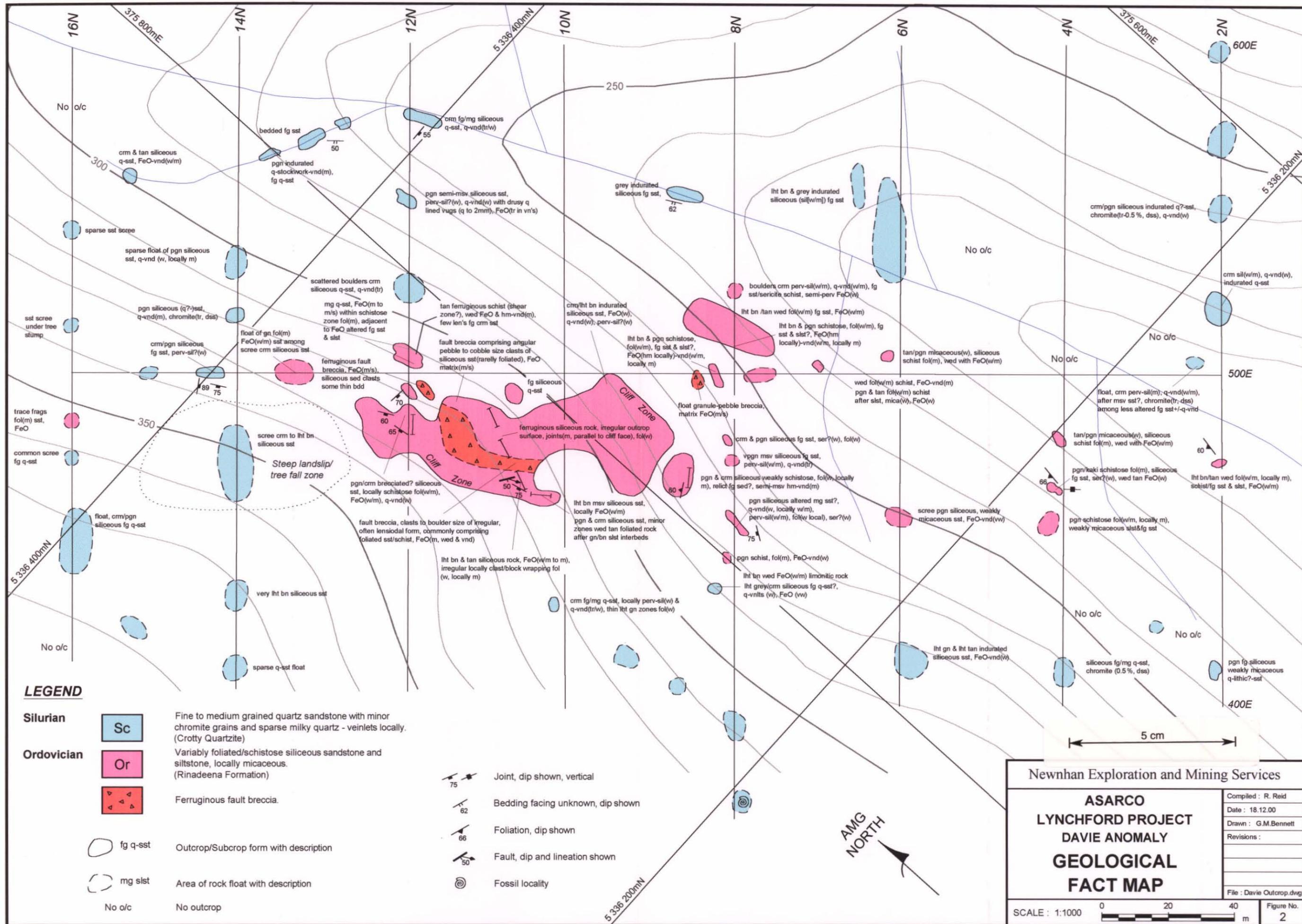
Date : 08.01.01

Drawn : G.M.Bennett

Revisions :

File : Davie Interp Geology.dwg

SCALE : 1:1000 0 20 40 m Figure No. 1



LEGEND

- Silurian** Sc Fine to medium grained quartz sandstone with minor chromite grains and sparse milky quartz - veinlets locally. (Crotty Quartzite)
- Ordovician** Or Variably foliated/schistose siliceous sandstone and siltstone, locally micaceous. (Rinadeena Formation)
- ▲▲▲ Ferruginous fault breccia.
- fg q-sst Outcrop/Subcrop form with description
- mg sst Area of rock float with description
- No o/c No outcrop

- ↗ 75 Joint, dip shown, vertical
- ↖ 62 Bedding facing unknown, dip shown
- ↘ 66 Foliation, dip shown
- ↙ 50 Fault, dip and lineation shown
- ⊙ Fossil locality

Newnhan Exploration and Mining Services

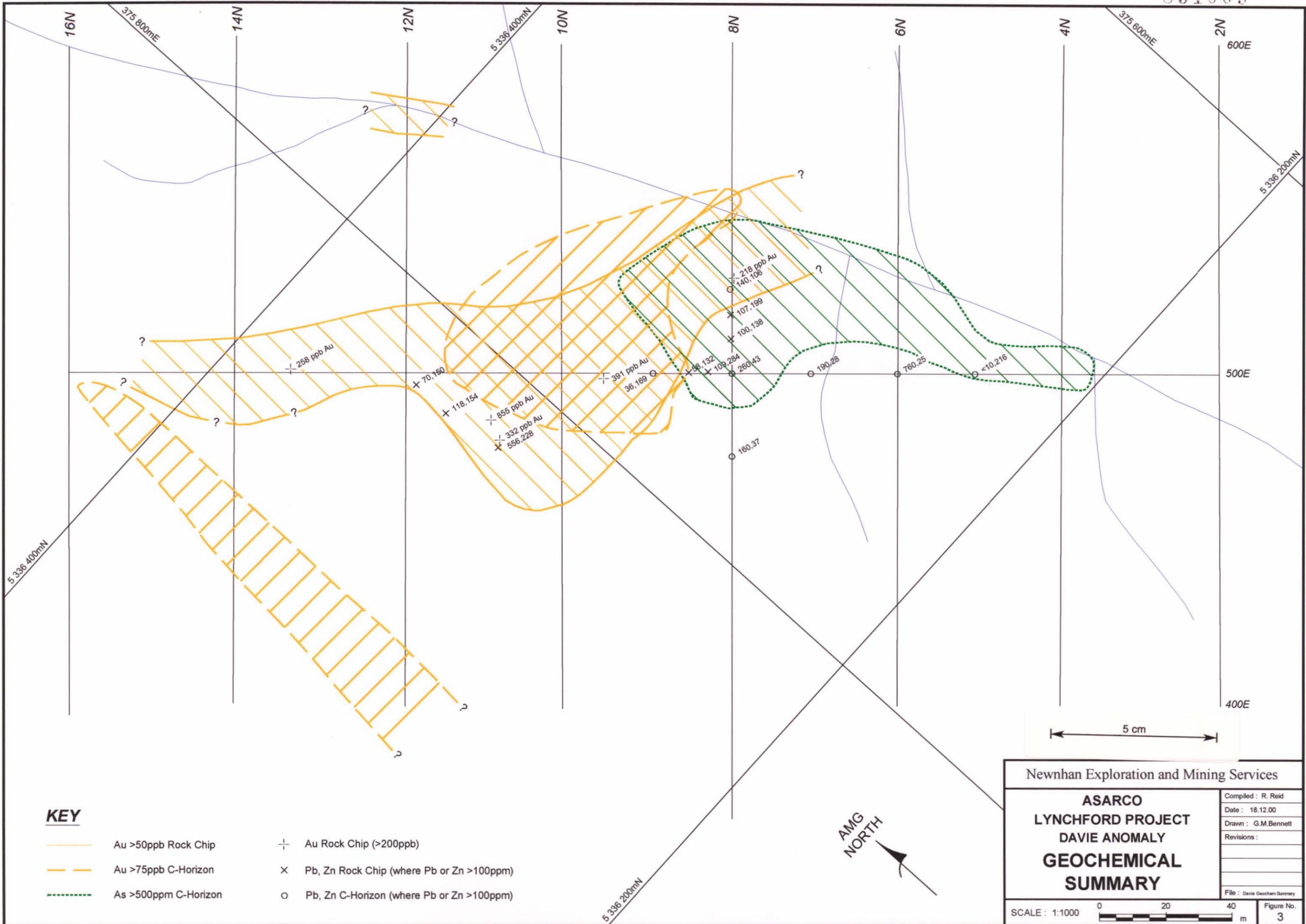
ASARCO LYNCHFORD PROJECT DAVIE ANOMALY GEOLOGICAL FACT MAP

Compiled : R. Reid
 Date : 18.12.00
 Drawn : G.M.Bennett
 Revisions :
 File : Davie Outcrop.dwg

SCALE : 1:1000

0 20 40 m

Figure No. 2



KEY

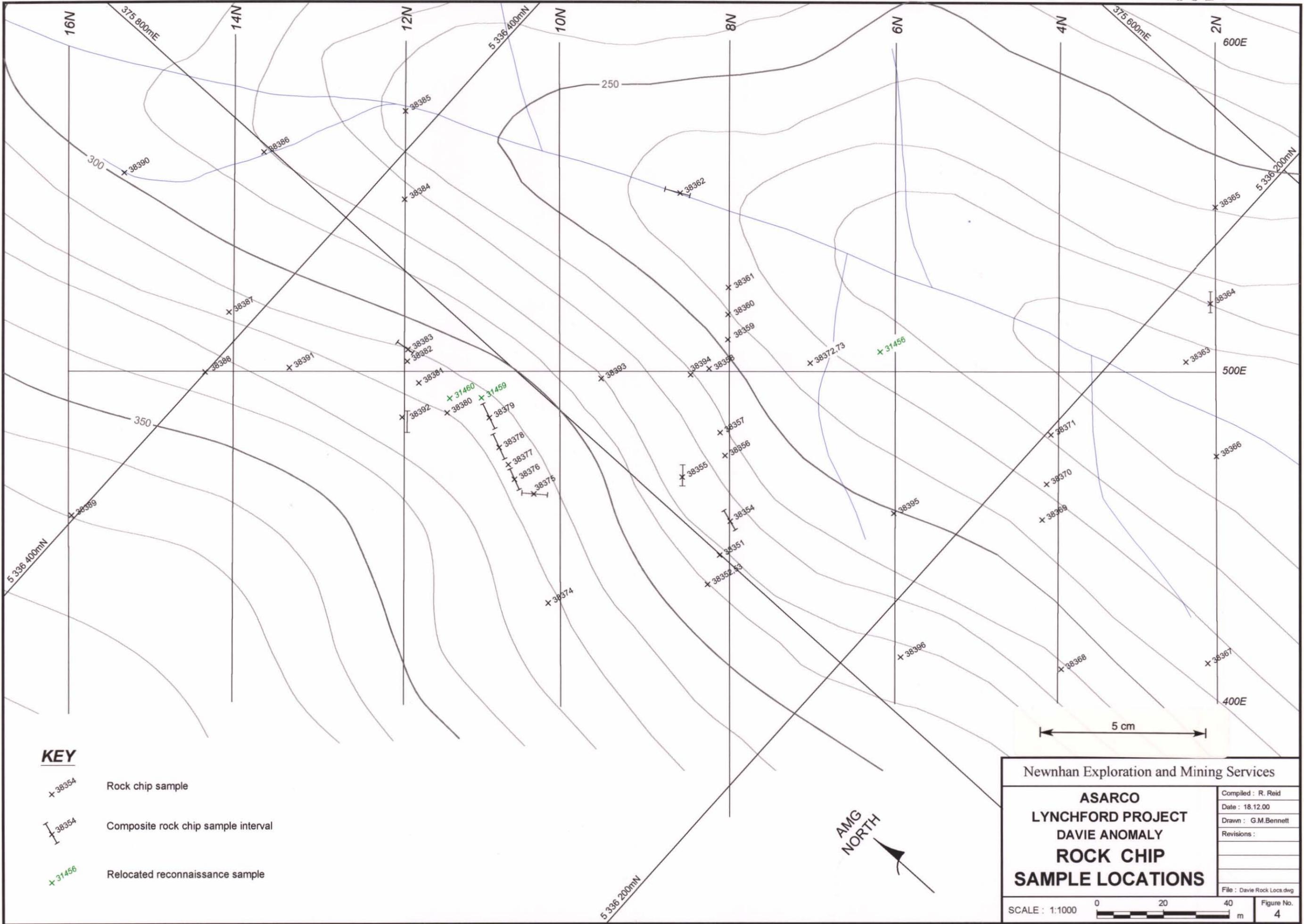
- ▨ Au >50ppb Rock Chip
- - - Au >75ppb C-Horizon
- - - As >500ppm C-Horizon
- + Au Rock Chip (>200ppb)
- × Pb, Zn Rock Chip (where Pb or Zn >100ppm)
- Pb, Zn C-Horizon (where Pb or Zn >100ppm)

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**ASARCO
LYNCHFORD PROJECT
DAVIE ANOMALY
GEOCHEMICAL
SUMMARY**

Compiled : R. Reid
 Date : 18.12.00
 Drawn : G.M.Bennett
 Revisions :
 File : Davie Geochem Summary

SCALE : 1:1000
0
20
40
m
 Figure No. **3**



KEY

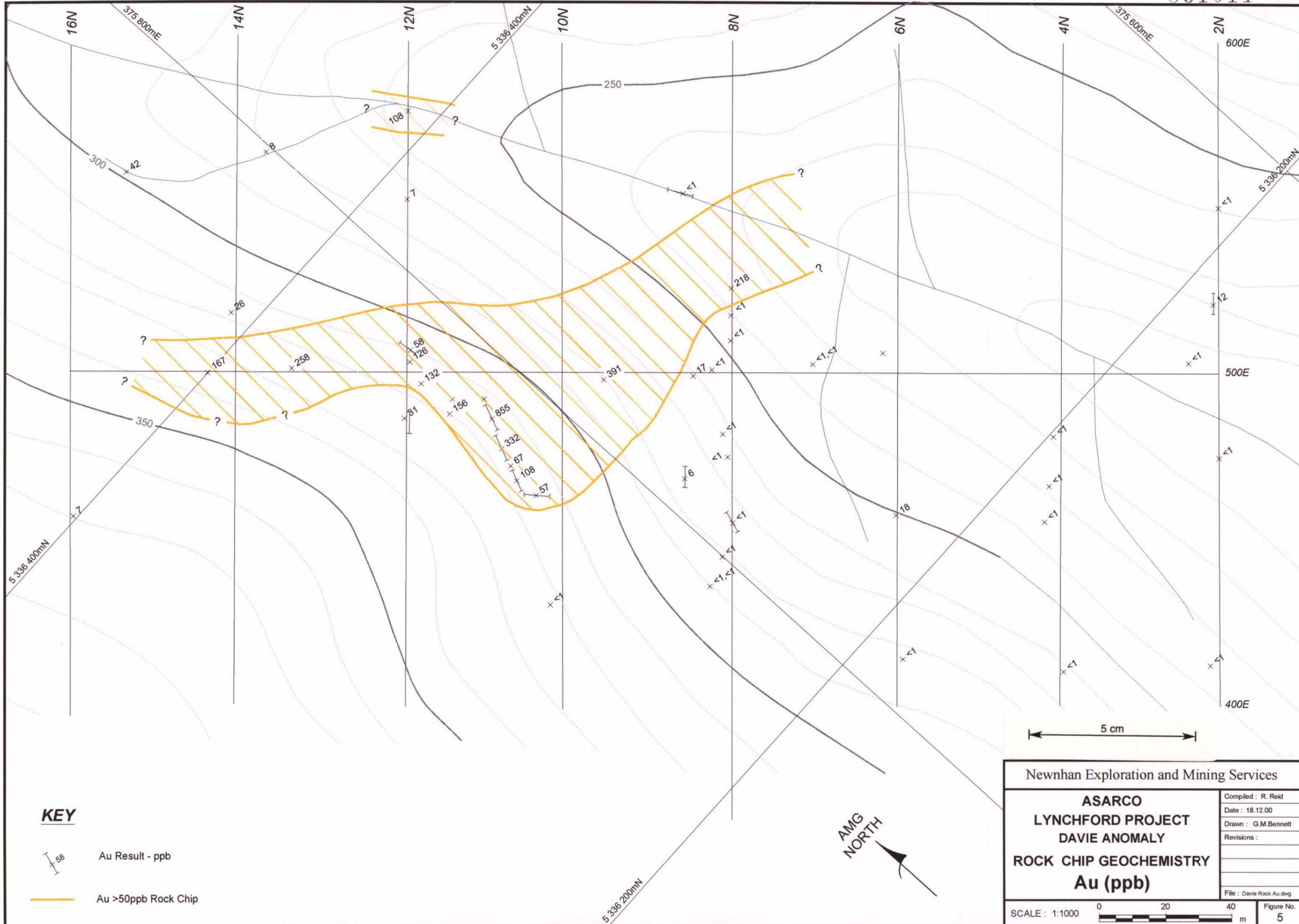
- 38354 Rock chip sample
- 38354 Composite rock chip sample interval
- 31456 Relocated reconnaissance sample

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**ASARCO
LYNCHFORD PROJECT
DAVIE ANOMALY
ROCK CHIP
SAMPLE LOCATIONS**

Compiled : R. Reid
Date : 18.12.00
Drawn : G.M.Bennett
Revisions :
File : Davie Rock Locs.dwg

SCALE : 1:1000 Figure No. 4

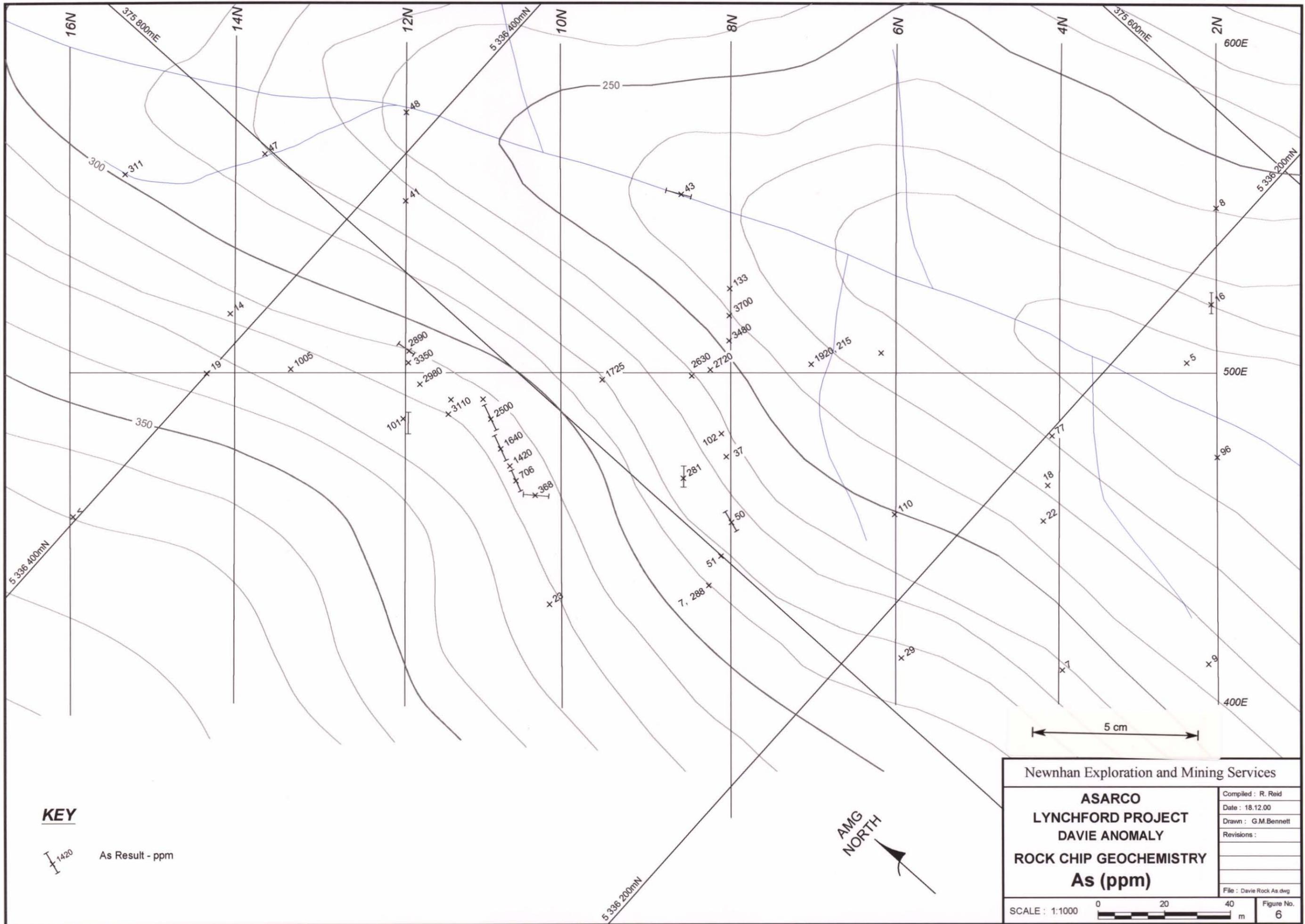


KEY

- Au Result - ppb
- Au >50ppb Rock Chip

5 cm

Newnhan Exploration and Mining Services	
ASARCO LYNCHFORD PROJECT DAVIE ANOMALY ROCK CHIP GEOCHEMISTRY Au (ppb)	
Compiled : R. Reid	File : Davie Rock Au.dwg
Date : 18.12.00	Figure No. 5
Drawn : G.M.Bennett	
Revisions :	
SCALE : 1:1000	



KEY

As Result - ppm

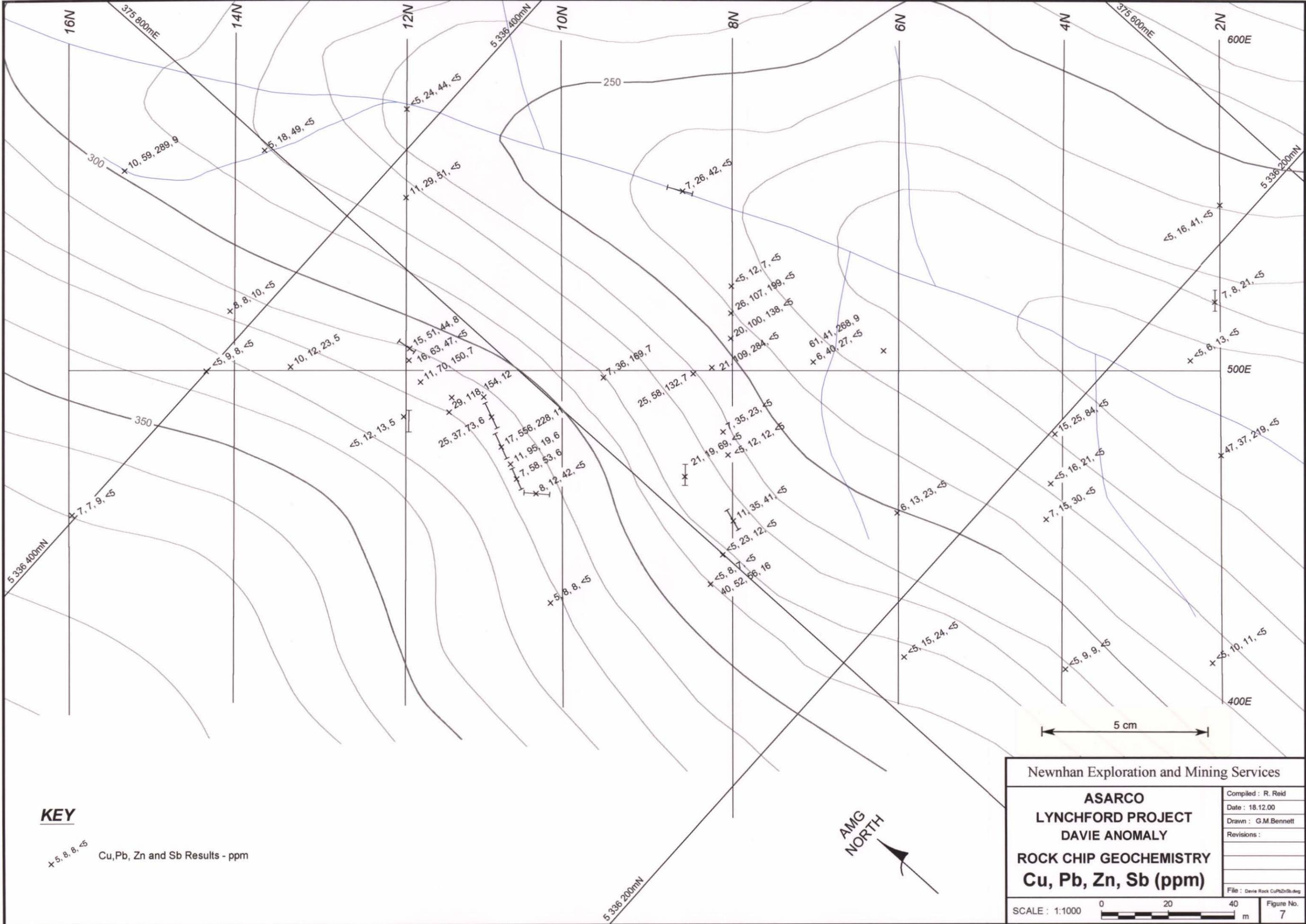


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**ASARCO
LYNCHFORD PROJECT
DAVIE ANOMALY
ROCK CHIP GEOCHEMISTRY
As (ppm)**

Compiled : R. Reid
Date : 18.12.00
Drawn : G.M.Bennett
Revisions :
File : Davie Rock As.dwg

SCALE : 1:1000 Figure No. 6

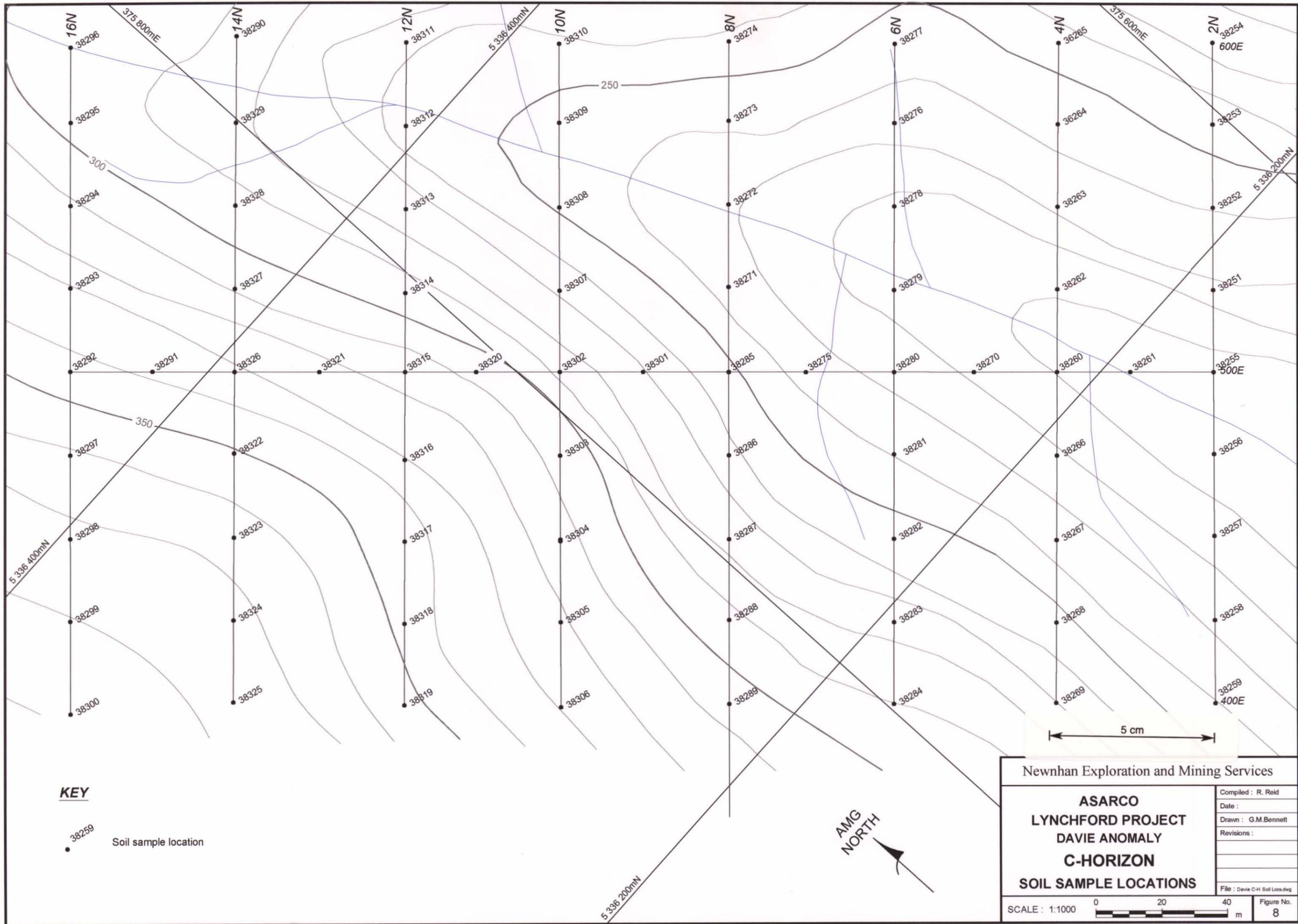


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ASARCO
LYNCHFORD PROJECT
DAVIE ANOMALY
ROCK CHIP GEOCHEMISTRY
Cu, Pb, Zn, Sb (ppm)

Compiled : R. Reid
Date : 18.12.00
Drawn : G.M.Bennett
Revisions :
File : Davie Rock CuPbZnSb.dwg

Figure No. 7



KEY

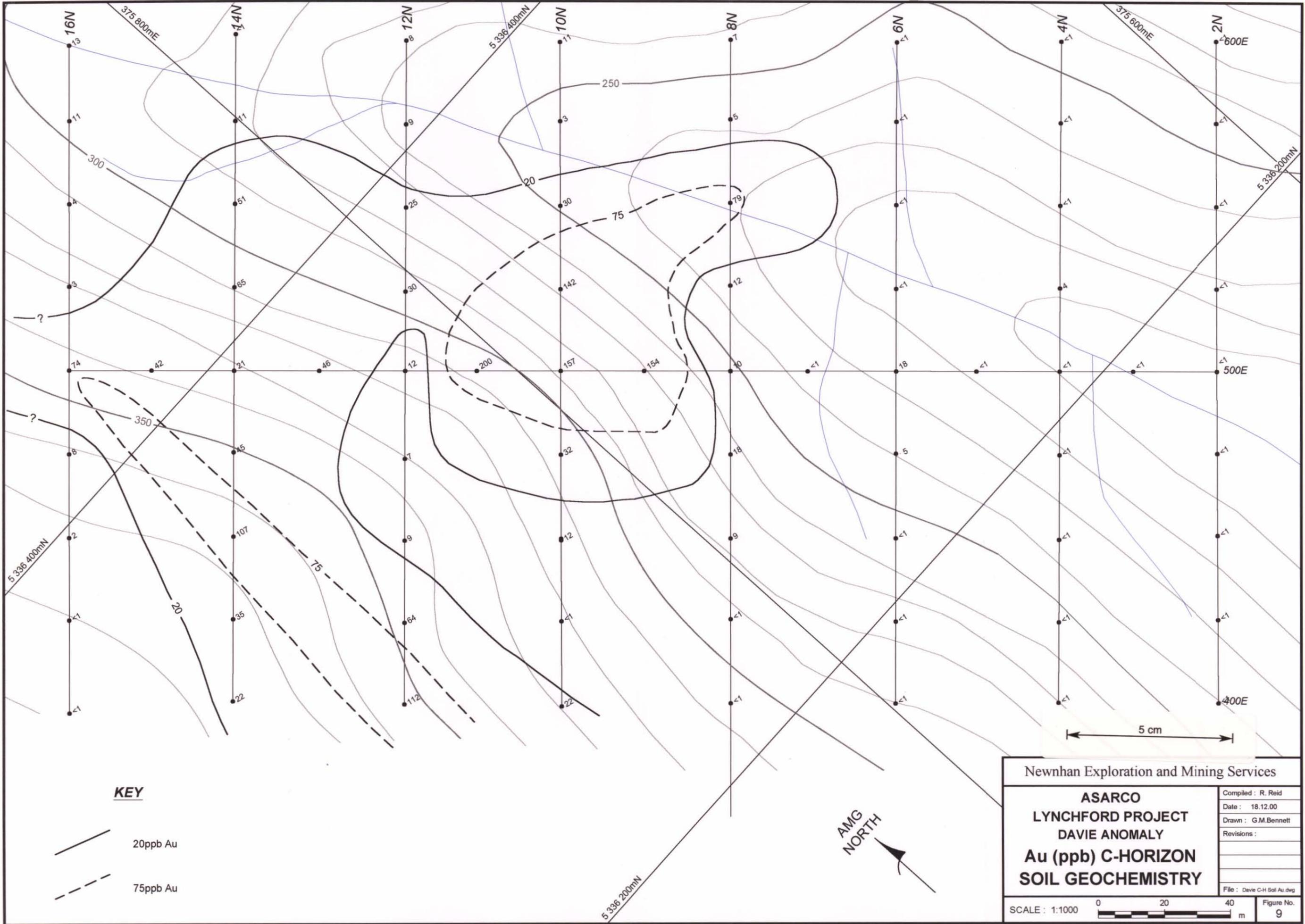
• 38259 Soil sample location

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**ASARCO
LYNCHFORD PROJECT
DAVIE ANOMALY
C-HORIZON
SOIL SAMPLE LOCATIONS**

Compiled : R. Reid
Date :
Drawn : G.M.Bennett
Revisions :
File : Davie C-H Soil Locs.dwg

SCALE : 1:1000 0 20 40 m Figure No. 8



KEY

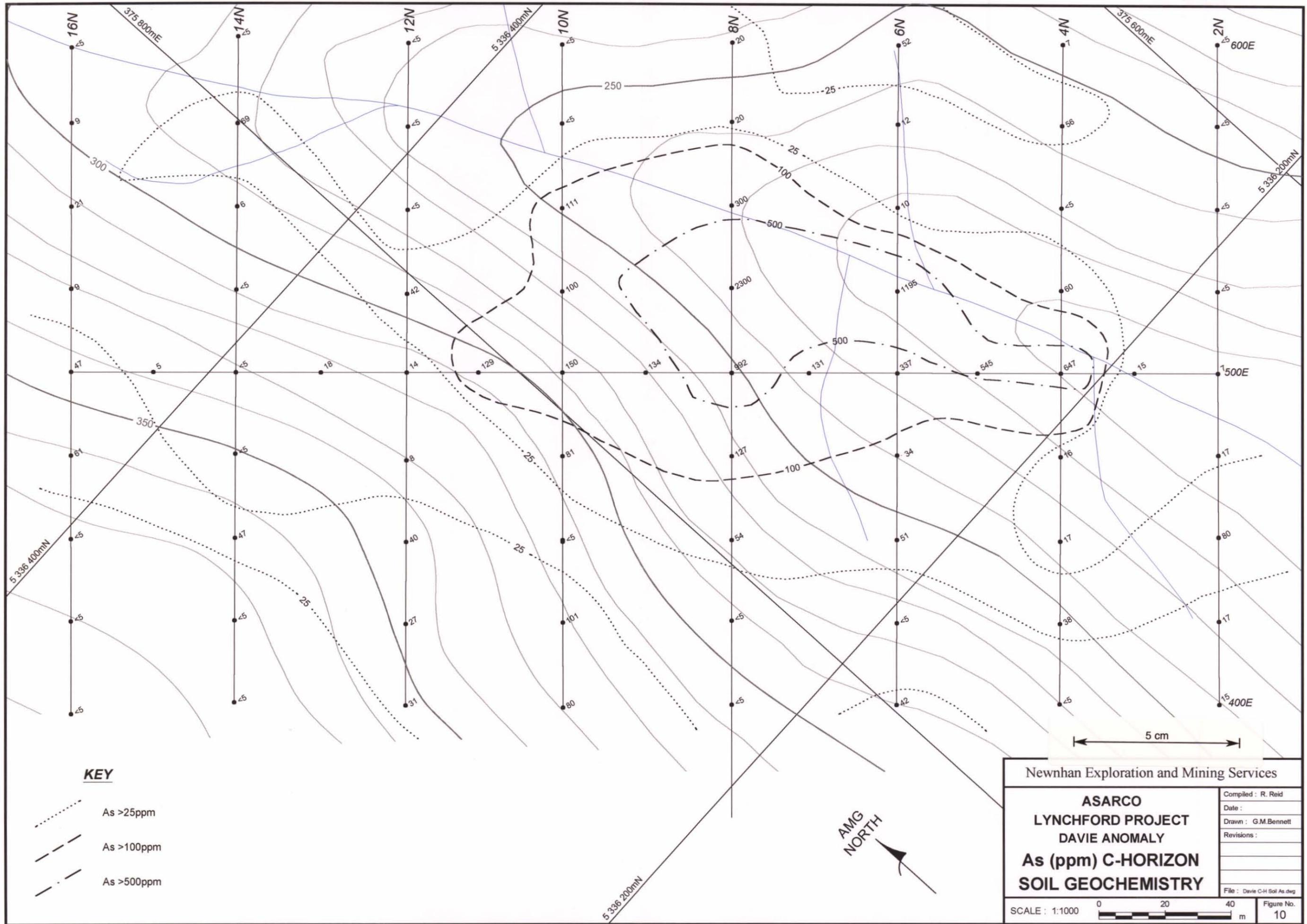
- 20ppb Au
- 75ppb Au

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ASARCO
LYNCHFORD PROJECT
DAVIE ANOMALY
Au (ppb) C-HORIZON
SOIL GEOCHEMISTRY

Compiled : R. Reid
 Date : 18.12.00
 Drawn : G.M.Bennett
 Revisions :
 File : Davie C-H Soil Au.dwg

SCALE : 1:1000 Figure No. 9



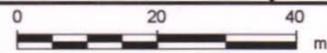
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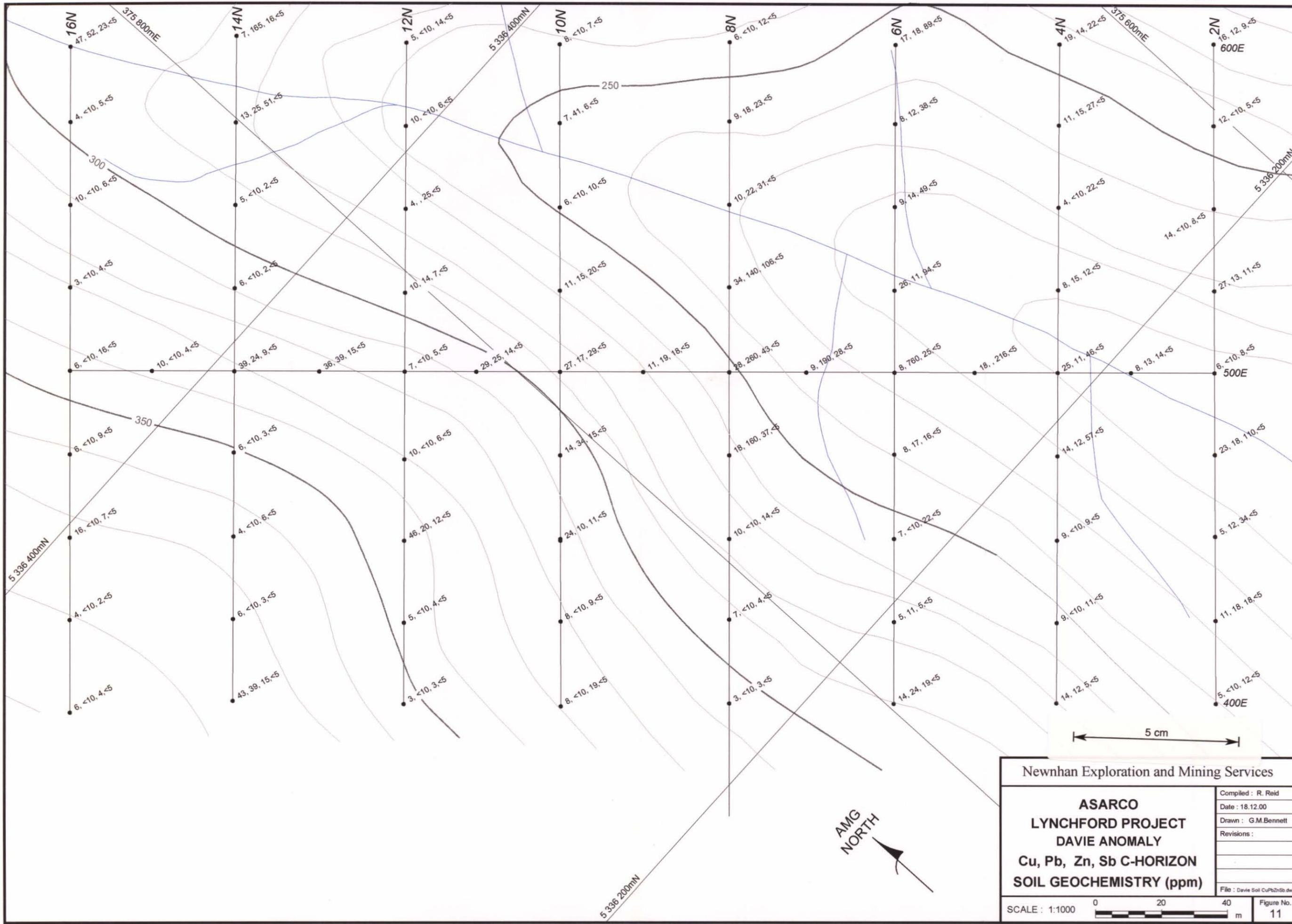
-  As >25ppm
-  As >100ppm
-  As >500ppm

Newnhan Exploration and Mining Services

ASARCO
LYNCHFORD PROJECT
DAVIE ANOMALY
As (ppm) C-HORIZON
SOIL GEOCHEMISTRY

Compiled : R. Reid
Date :
Drawn : G.M.Bennett
Revisions :
File : Davie C-H Soil As.dwg

SCALE : 1:1000  Figure No. 10



Newnhan Exploration and Mining Services	
ASARCO LYNCHFORD PROJECT DAVIE ANOMALY	
Cu, Pb, Zn, Sb C-HORIZON SOIL GEOCHEMISTRY (ppm)	
Compiled : R. Reid	Date : 18.12.00
Drawn : G.M.Bennett	Revisions :
File : Davie Soil CuPbZnSb.dwg	
SCALE : 1:1000	Figure No. 11

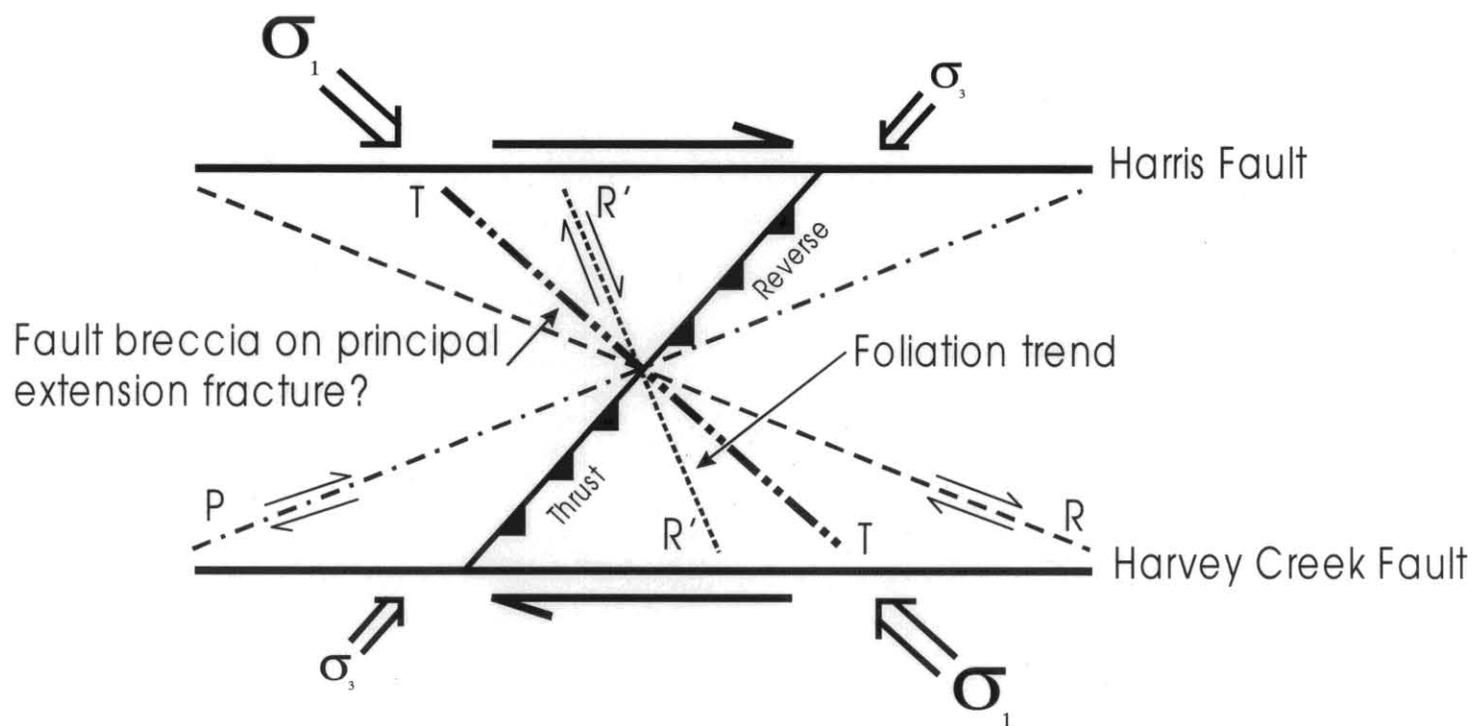
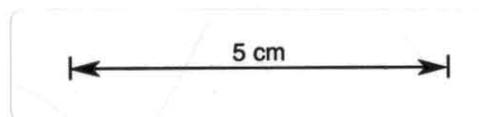
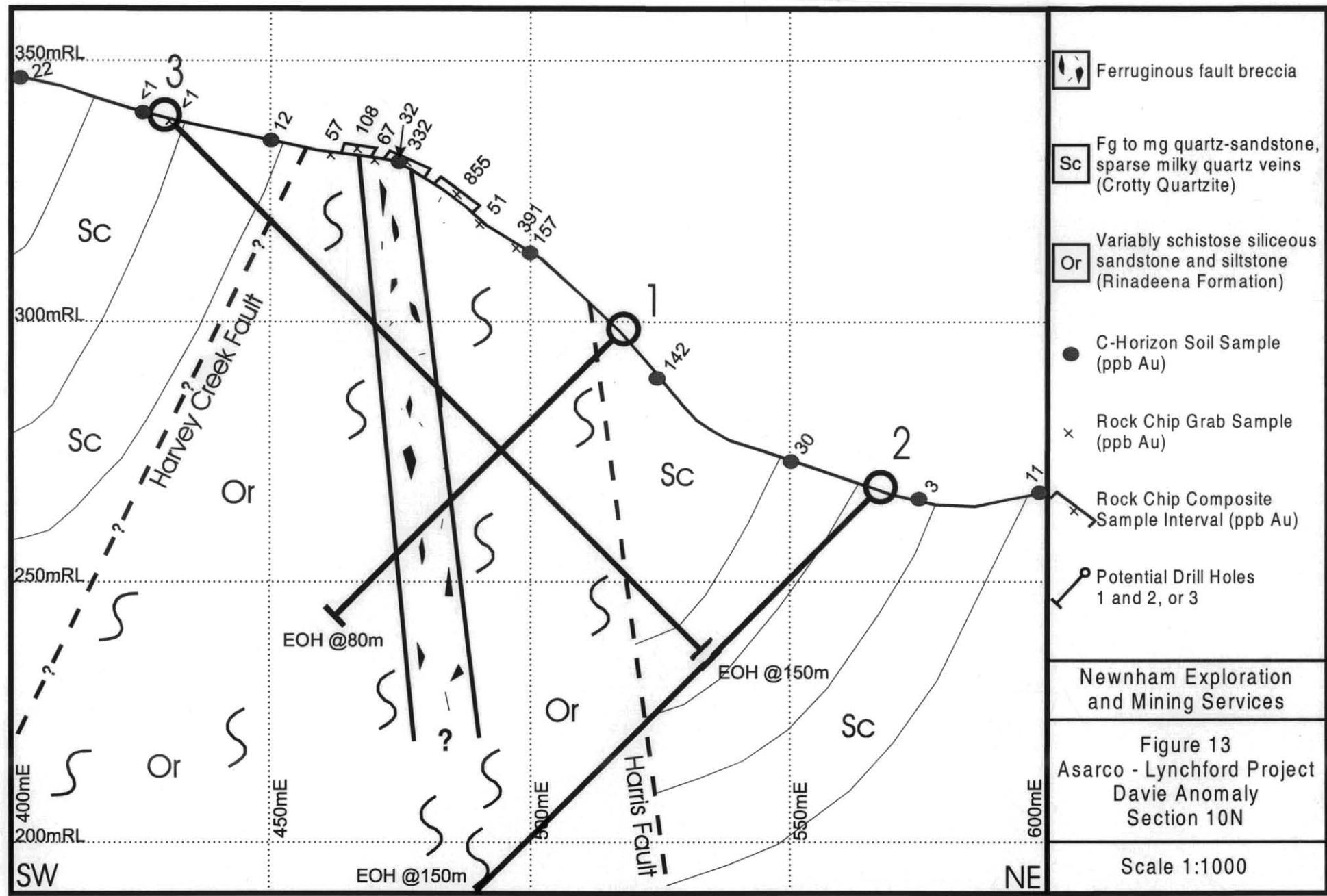
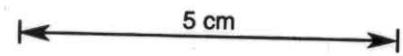


Figure 12: Davie Anomaly - Schematic Structural Interpretation
(Tchalenko Model for Wrench Regime Structures from Keele, 1994)





- Ferruginous fault breccia
- Sc Fg to mg quartz-sandstone, sparse milky quartz veins (Crotty Quartzite)
- Or Variably schistose siliceous sandstone and siltstone (Rinadeena Formation)
- C-Horizon Soil Sample (ppb Au)
- Rock Chip Grab Sample (ppb Au)
- Rock Chip Composite Sample Interval (ppb Au)
- Potential Drill Holes 1 and 2, or 3

Newnham Exploration and Mining Services

Figure 13
Asarco - Lynchford Project
Davie Anomaly
Section 10N

Scale 1:1000

Appendix 1:

Davie Anomaly Rock Sample Descriptions

ASARCO - Davie Anomaly Rock Sample Descriptions

851021

Sample Number	Description	Sample Attributes	
		Type	Form
38351	pgn schist, fol(m), FeO-vnd(w)	g	f
38352	lht grey/crm siliceous fg q-sst?, q-vnlts(w), FeO(vw)	g	o
38353	lht bn wed FeO(w/m) limonitic rock	g	f
38354	pgn siliceous altered mg sst?, q-vnd(w, locally w/m), perv-sil(w/m), fol(w local), ser?(w)	c	o
38355	pgn & crm siliceous weakly schistose, fol(w, locally m), relict fg sed?, semi-msv hm-vnd(m)	c	o
38356	vpgn msv siliceous fg sst, perv-sil(w/m), q-vnd(tr)	g	f
38357	crm&pgn siliceous fg sst, ser?(w), fol(w)	g	s
38358	lht bn&pgn schistose, fol(w/m), fg sst & slst?, FeO(hm locally)-vnd(w/m, locally m)	c	o
38359	lht bn&pgn schistose, fol(w/m), fg sst & slst?, FeO(hm locally)-vnd(w/m, locally m)	c	o
38360	lht bn /tan wed fol(w/m) fg sst, FeO(w/m)	c	o
38361	boulders crm perv-sil(w/m), q-vnd(w/m), fg sst/sericite schist, semi-perv FeO(w)	g	f
38362	grey indurated siliceous fg sst,	c	o
38363	float, crm perv-sil(m), q-vnd(w/m), after msv sst?, chromite(tr, dss) among less altered fg sst+/-q-vnd	g	f
38364	crm sil(w/m), q-vnd(w), indurated q-sst	c	o
38365	crm/pgn siliceous indurated q?-sst, chromite(tr-0.5%, dss), q-vnd(w)	c	f
38366	lht bn/tan wed fol(w/m, locally m), schist/fg sst&slst, FeO(w/m)	c	o
38367	pgn fg siliceous weakly micaceous q-lithic?-sst	c	o
38368	siliceous fg/mg q-sst, chromite (0.5%, dss)	g/c	f
38369	pgn schistose fol(w/m, locally m), weakly micaceous slst&fg sst	c	f
38370	pgn/kaki schistose fol(m), siliceous fg sst, ser?(w), wed tan FeO(w)	c	o
38371	tan/pgn micaceous(w), siliceous schist fol(m), wed with FeO(w/m)	c	o
38372	wed fol(w/m) schist, FeO-vnd(m)	g	f
38373	pgn&tan fol(w/m) schist after slst, mica(w), FeO(w)	c	o
38374	crm fg/mg q-sst, locally perv-sil(w)& q-vnd(tr/w), thin lht gn zones fol(w)	c	o
38375	pgn&crm siliceous sst, minor zones wed tan foliated rock after gn/bn slst interbeds	c	o
38376	lht bn msv siliceous sst, locally FeO(w/m)	c	o
38377	fault breccia, clasts to boulder size of irregular, often lensoidal form, commonly comprising foliated sst/schist, FeO(m, wed & vnd)	g	o
38378	lht bn&tan siliceous rock, FeO(w/m to m), irregular locally clast/block wrapping fol(w, locally m)	c	o
38379	ferruginous siliceous rock, irregular outcrop surface, joints(m, parallel to cliff face), fol(w)	c	o
38380	fault breccia comprising angular pebble to cobble size clasts of siliceous sst(rarely foliated), FeO matrix(m/s)	g	o
38381	ferruginous fault breccia, FeO(m/s), siliceous sed clasts some thin bdd	c	o
38382	mg q-sst, FeO(m to m/s) within schistose zone fol(m), adjacent to FeO altered fg sst&slst	c	o
38383	tan ferruginous schist (shear zone?), wed FeO & hm-vnd(m), few len's fg crm sst	c	o
Sample		Sample Attributes	

ASARCO - Davie Anomaly Rock Sample Descriptions

851022

Number	Description	Type	Form
38384	pgn semi-msv siliceous sst, perv-sil?(w), q-vnd(w) with drusy q lined vugs (q to 2mm), FeO(tr in vn's)	c	o
38385	crm fg/mg siliceous q-sst, q-vnd(tr/w)	c	o
38386	pgn indurated q-stockwork-vnd(m), fg q-sst	c	o
38387	pgn siliceous (q?-)sst, q-vnd(m), chromite(tr, dss)	c	o
38388	crm/pgn siliceous fg sst, perv-sil?(w)	c	o
38389	float, crm/pgn siliceous fg q-sst	c	f
38390	crm&tan siliceous q-sst, FeO-vnd(w/m)	g	s
38391	float of gn fol(m) FeO(w/m) sst among scree crm siliceous sst	g	f
38392	pgn/crm brecciated? siliceous sst, locally schistose fol(w/m), FeO(w/m), q-vnd(w)	c	o
38393	crm/lht bn indurated siliceous sst, FeO(w), q-vnd(w), perv-sil?(w)	c	o
38394	float granule-pebble breccia, matrix FeO(m/s)	g	f
38395	scree pgn siliceous, weakly micaceous sst, FeO-vnd(vw)	c	o
38396	lht gn&lht tan indurated siliceous sst, FeO-vnd(w)	c	s
31456	tan/pgn micaceous(w), siliceous schist fol(m), wed with FeO(w/m)		
Sample Form			
c	Composite (6 or more rock chips from the outcrop or sample interval)		
g	Grab (single rock or portions of a specific rock type)		
Sample Type			
o	Outcrop		
s	Subcrop		
f	Float		

Appendix 2:

Davie Anomaly Rock Chip Analyses

ASARCO - Davie Anomaly Rock Sample Analyses

851024

Sample_No	AMG_E	AMG_N	East_NEM	North_NEM	Au_ppb	As	Cu	Pb	Zn	Sb
38351	375799.81	5336248.51	375912.45	5336298.49	<1	51	<5	23	12	<5
38352	375790.79	5336245.3	375908.8	5336289.65	<1	7	<5	8	7	<5
38353	375790.79	5336245.3	375908.8	5336289.65	<1	288	40	52	56	16
38354	375809.47	5336252.94	375915.63	5336308.64	<1	50	11	35	41	<5
38355	375809.69	5336272.5	375901.24	5336321.88	6	281	21	19	69	<5
38356	375877.49	5336253.67	375960.6	5336359.67	<1	37	<5	12	12	<5
38357	375827.29	5336273.1	375912.57	5336335.36	<1	102	7	35	23	<5
38358	375839.37	5336288.44	375909.25	5336354.61	<1	2720	21	109	284	<5
38359	375849.62	5336290.09	375914.88	5336363.33	<1	3480	20	100	138	<5
38360	375855.85	5336295.05	375915.36	5336371.28	<1	3700	26	107	199	<5
38361	375861.44	5336300.4	375915.13	5336379.01	218	133	<5	12	7	<5
38362	375872.73	5336330.23	375900.51	5336407.36	<1	43	7	26	42	<5
38363	375936.91	5336183.23	376052.7	5336356.7	<1	5	<5	6	13	<5
38364	375955.16	5336189.42	376060.31	5336374.4	12	16	7	8	21	<5
38365	375977.68	5336207.76	376061.75	5336403.41	<1	8	<5	16	41	<5
38366	375922.06	5336157.25	376062.07	5336328.27	<1	96	47	37	219	<5
38367	375874.05	5336117.51	376059.48	5336266	<1	9	<5	10	11	<5
38368	375843.05	5336149.2	376015.19	5336264.17	<1	7	<5	9	9	<5
38369	375872.59	5336183.52	376009.45	5336309.1	<1	22	7	15	30	<5
38370	375881.49	5336189.69	376010.81	5336319.84	<1	18	<5	16	21	<5
38371	375893.34	5336198.71	376012.05	5336334.68	<1	77	15	25	84	<5
38372	375860.91	5336267.02	375939.58	5336356.28	<1	1920	61	41	268	9
38373	375860.91	5336267.02	375939.58	5336356.28	<1	215	6	40	27	<5
38374	375754.55	5336277.22	375860.84	5336284.07	<1	23	5	8	8	<5
38375	375776.03	5336302.34	375856.54	5336316.84	57	368	8	12	42	<5
38376	375775.45	5336309.55	375850.79	5336321.24	108	706	7	58	53	6
38377	375777.5	5336313.9	375848.93	5336325.66	67	1420	11	95	19	6
38378	375779.51	5336319.41	375846.19	5336330.85	332	1640	17	556	228	11
38379	375784.24	5336327.59	375843.27	5336339.83	855	2500	25	37	73	6
38380	375776.74	5336338.01	375830.5	5336341.23	156	3110	29	118	154	12
38381	375777.77	5336350.41	375821.97	5336350.3	132	2980	11	70	150	7
38382	375780.29	5336357.33	375818.52	5336356.8	126	3350	16	63	47	<5
38383	375783.04	5336359.57	375818.7	5336360.35	58	2890	15	51	44	8
38384	375816.09	5336390.54	375817.8	5336405.63	7	41	11	29	51	<5
Sample_No	AMG_E	AMG_N	East_NEM	North_NEM	Au_ppb	As	Cu	Pb	Zn	Sb

ASARCO - Davie Anomaly Rock Sample Analyses

851025

38385	375835.72	5336408.1	375817.88	5336431.97	108	48	<5	24	44	<5	
38386	375798.17	5336431.41	375775.43	5336419.66	8	47	5	18	49	<5	
38387	375755.44	5336406.98	375765	5336371.56	26	14	8	8	10	<5	
38388	375737.65	5336400.18	375758.14	5336353.79	167	19	<5	9	8	<5	
38389	375678.44	5336401.18	375717.79	5336310.46	7	<	7	7	9	<5	
38390	375765.49	5336458.48	375733.45	5336413.48	42	311	10	59	289	9	
38391	375755.16	5336382.31	375783.14	5336354.84	258	1005	10	12	23	5	
38392	375766.74	5336347.19	375816.99	5336339.95	31	101	<5	12	13	5	
38393	375815.36	5336310.6	375876.71	5336351.6	391	1725	7	36	169	7	
38394	375834.27	5336291.38	375903.66	5336352.79	17	2630	25	58	132	7	
38395	375844.08	5336218.08	375964.69	5336311.03	18	110	6	13	23	<5	
38396	375813.33	5336187.73	375966.67	5336267.88	<1	29	<5	15	24	<5	
31456	375823.11	5336267.36	375914.03	5336328.42	re-located reconnaissance sample						
31459	375787.07	5336333.35	375840.88	5336345.79	re-located reconnaissance sample						
31460	375780.54	5336340.37	375831.29	5336345.64	re-located reconnaissance sample						



Our reference : BU018282
 Your reference : 128540
 Project code : Rock Samples
 Date received : 13/12/00
 Date reported : 22/12/00

Analabs Pty. Ltd.
 ACN 004 591 664
 14 Thirkell St, Burnie
 Tasmania 7320
 Telephone : (03) 6431 6837
 Facsimile : (03) 6431 8890

Lindsay Newnham

Newnham Exploration
 PO Box 183
 Exeter

TASMAN 7275
 Australia

Number of pages of results : 2
 Number of Samples : 46
 First Sample : 38351
 Last Sample : 38396

Invoice to:

Electronic Data Transmission :		
Modem	Y	//
Facsimile		//
Disk Report	Y	//

Preliminary Reports :
 18/12/00 Report

Results to:

Results to:

*Davie Anonally
 Geochem.*

Remarks :

Authorised by
 On behalf of:

Rob Chapman
 Laboratory Manager

The results in the following analytical report pertain to the samples provided to this laboratory for preparation and/or analysis as requested by the client.



Our reference : BU018282
 Your reference : 128540
 Project code : Rock Samples
 Report date : 22/12/00
 Report status : Final
 Page : 1 of 2

Analabs Pty. Ltd.
 ACN 004 591 664
 14 Thirkell St, Burnie
 Tasmania 7320
 Telephone : (03) 6431 6837
 Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)			
38351	<1	--			
38352	<1	--			
38353	<1	--			
38354	<1	--			
38355	6	8			
38356	<1	--			
38357	<1	--			
38358	<1	--			
38359	<1	--			
38360	<1	<1			
38361	218	220			
38362	<1	--			
38363	<1	--			
38364	12	4			
38365	<1	--			
38366	<1	--			
38367	<1	--			
38368	<1	--			
38369	<1	--			
38370	<1	--			
38371	<1	--			
38372	<1	--			
38373	<1	--			
38374	<1	--			
38375	57	60			
38376	108	--			
38377	67	79			
38378	332	--			
38379	855	799			
38380	156	--			
38381	132	--			
38382	126	--			
38383	58	--			
38384	7	7			
38385	108	114			
38386	8	--			
38387	26	--			
38388	167	--			
38389	7	--			
38390	42	--			
38391	258	268			
38392	31	37			
38393	391	456			
38394	17	--			
38395	18	--			
38396	<1	<1			
Method	F614	F614			
Units	ppb	ppb			
Detection Limit	1	1			

Notes: N.A. = not analysed, -- = element not determined, I.S. = insufficient sample, L.N.R. = listed not received



Our reference : BU018282
 Your reference : 128540
 Project code : Rock Samples
 Report date : 22/12/00
 Report status : Final
 Page : 2 of 2

Analabs Pty. Ltd.
 ACN 004 591 664
 14 Thirkell St, Burnie
 Tasmania 7320
 Telephone : (03) 6431 6837
 Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Cu	Pb	Zn	As	Sb	Au ppb
38351	<5	23	12	51	<5	<1
38352	<5	8	7	7	<5	<1
38353	40	52	56	288	16	<1
38354	11	35	41	50	<5	<1
38355	21	19	69	281	<5	6
38356	<5	12	12	37	<5	<1
38357	7	35	23	102	<5	<1
38358	21	109	284	2720	<5	<1
38359	20	100	138	3480	<5	<1
38360	26	107	199	3700	<5	<1
38361	<5	12	7	133	<5	218
38362	7	26	42	43	<5	<1
38363	<5	6	13	5	<5	<1
38364	7	8	21	16	<5	12
38365	<5	16	41	8	<5	<1
38366	47	37	219	96	<5	<1
38367	<5	10	11	9	<5	<1
38368	<5	9	9	7	<5	<1
38369	7	15	30	22	<5	<1
38370	<5	16	21	18	<5	<1
38371	15	25	84	77	<5	<1
38372	61	41	268	1920	9	<1
38373	6	40	27	215	<5	<1
38374	5	8	8	23	<5	<1
38375	8	12	42	368	<5	57
38376	7	58	53	706	6	108
38377	11	95	19	1420	6	67
38378	17	556	228	1640	11	332
38379	25	37	73	2500	6	855
38380	29	118	154	3110	12	156
38381	11	70	150	2980	7	132
38382	16	63	47	3350	<5	126
38383	15	51	44	2890	8	58
38384	11	29	51	41	<5	7
38385	<5	24	44	48	<5	108
38386	5	18	49	47	<5	8
38387	8	8	10	14	<5	26
38388	<5	9	8	19	<5	167
38389	7	7	9	<5	<5	7
38390	10	59	289	311	9	42
38391	10	12	23	1005	5	258
38392	<5	12	13	101	5	31
38393	7	36	169	1725	7	391
38394	25	58	132	2630	7	17
38395	6	13	23	110	<5	18
38396	<5	15	24	29	<5	<1
Method	I104	I104	I104	I104	I104	
Units	ppm	ppm	ppm	ppm	ppm	
Detection Limit	5	5	5	5	5	

Notes: N.A. = not analysed, -- = element not determined, I.S. = insufficient sample, L.N.R. = listed not received

Appendix 3:

Davie Anomaly C-Horizon Soil Descriptions and
Analysis

851030

**NEWNHAM EXPLORATION and MINING SERVICE
SAMPLE RECORD**

Project	Davie	Sampler	I Rogers	Sample Type	Soil	Laboratory	Analabs	Sampling Period	Nov 00
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Sample Number	Co-ordinates		Description	Assays						Comments
	N	E		Au ^(ppb)	As ^(ppm)	Cu	Pb	Zn	Sb	
38251	line 2 N	525 E	brown-gray soil with white gravel;	<1	<5	27	13	11	<5	300 mm depth
38252	2	550	gray soil, orange/gray/green angular chips;	<1	<5	14	<10	8	<5	400 mm
38253	2	575	brown-gray soil, gray-white rock chips;	<1	<5	12	<10	5	<5	400 mm;
38254	2	600	brown-blue soil; white-blue chips;	<1	<5	16	12	9	<5	500 mm;
38255	2	500	gray-white gravel;	<1	7	6	<10	8	<5	200 mm;
38256	2	475	wet brown-gray-green soil; brn-gy-gr chips;	<1	17	23	18	110	<5	700 mm;
38257	2	450	orange clay with orange chips;	<1	80	5	12	34	<5	600 mm
38258	2	425	orange-brown clay with orange chips;	<1	17	11	18	18	<5	600 mm
38259	2	400	orange clay with orange rock chips	<1	15	5	<10	12	<5	600 mm
38260	line 4 N	500 E	orange-green clay; orange-green rock chips;	<1	647	25	11	46	<5	300 mm
38261	line 3 N	500 E	gray-white gravel; orange-gray rock chips;	<1	15	8	13	14	<5	500 mm
38262	line 4 N	525 E	coarse gray-white gravel; near creek;	4	60	8	15	12	<5	300 mm;
38263	4	550	gray-brown soil; gray-brown-orange chips;	<1	<5	4	<10	22	<5	500 mm
38264	4	575	brown-gray soil; orange rock chips	<1	56	11	15	27	<5	300 mm
38265	4	600	brown-black soil; or-gray rock plus humus;	<1	7	19	14	22	<5	500 mm
38266	4	475	orange clayey soil; orange chips;	<1	16	14	12	57	<5	600 mm;
38267	4	450	brown-gray soil; brown-orange-gray chips;	<1	17	9	<10	9	<5	600 mm
38268	4	425	orange-brown-gray soil; similar chips;	<1	38	9	<10	11	<5	400 mm
38269	4	400	brown-gray soil; gray rock chips;	<1	<5	14	12	5	<5	500 mm
38270	line 5 N	500 E	orange soil; orange-white chips;	<1	545	18	<10	216	<5	700 mm
38271	line 8 N	525 E	orange-brown soil; similar chips; on cliff;	12	2300	34	140	106	<5	100 mm
38272	8	550	gray soil; orange-gray-white chips;	79	300	10	22	31	<5	200 mm
38273	8	575	gray soil; gray-orange chips	5	20	9	18	23	<5	300 mm
38274	8	600	gray soil; gray orange rock chips;	7	20	6	<10	12	<5	300 mm
38275	line 7 N	500 E	gray-orange-green soils and chips;	<1	131	9	190	28	<5	

Aluminum?

851031

**NEWNHAM EXPLORATION and MINING SERVICE
SAMPLE RECORD**

Project	Davie	Sampler	I Rogers	Sample Type	Soil	Laboratory	Analabs	Sampling Period	Nov 00
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Sample Number	Co-ordinates		Description	Assays						Comments
	N	E		Au	As	Cu	Pb	Zn	Sb	
38276	line 6 N	575 E	brown-orange-blue-gray soil; similar chips	<1	12	8	12	38	<5	500 mm
38277	6	600	gray soil with gray-orange rock chips	<1	52	17	18	89	<5	500 mm
38278	6	550	gray-brown soil; gray-orange rock chips;	<1	10	9	14	49	<5	400 mm
38279	6	525	gray-brown soil; gray-orange-white chips;	<1	1195	26	11	94	<5	400 mm
38280	6	500	gray-orange soil and chips; on rock;	18	337	8	760	25	<5	100 mm
38281	6	475	orange soil and clay; orange-gray chips;	5	34	8	17	16	<5	700 mm
38282	6	450	orange-brown-gray soil and rock chips;	<1	51	7	<10	22	<5	600 mm
38283	6	425	orange-gray-brown soil and rock chips;	<1	<5	5	11	5	<5	400 mm
38284	6	400	orange-brown soil and rock chips;	<1	42	14	24	19	<5	500 mm
38285	line 8 N	500 E	orange soil and rock chips; on cliff;	10	992	28	260	43	<5	300 mm
38286	8	475	gray-brown soil and rock chips;	18	127	18	160	37	<5	400 mm
38287	8	450	gray-brown soil and rock chips;	9	54	10	<10	14	<5	400 mm
38288	8	425	gray gravels to rock; white-gray rock chips;	<1	<5	7	<10	4	<5	300 mm
38289	8	400	gray gravels and gray soil;	<1	<5	3	<10	3	<5	500 mm
38290	line 14 N	600 E	gray soil and rock chips to scree;	<1	<5	7	165	16	<5	500 mm
38291	line 15 N	500 E	dark gray soil; gray rock chips;	42	5	10	<10	4	<5	600 mm;
38292	line 16 N	500 E	gray-brown soil; B-horizon;	74	47	6	<10	16	<5	400 mm
38293	16	525	gray soil; gray-blue rock chips;	3	9	3	<10	4	<5	300 mm
38294	16	550	gray-brown soil and rock chips to scree;	4	21	10	<10	6	<5	400 mm
38295	16	575	gray soil; gray and brown chips to scree;	11	9	4	<10	5	<5	400 mm
38296	16	600	brown-black soil; brown chips; near creek	13	<5	47	52	23	<5	200 mm
38297	16	475	brown-gray soil and chips; on scree	8	61	6	<10	9	<5	300 mm
38298	16	450	brown-gray soil and chips; to scree;	2	<5	16	<10	7	<5	100 mm
38299	16	425	gray-brown soils; gray rock chips; to scree;	<1	<5	4	<10	2	<5	400 mm
38300	16	400	gray-brown soil; gray chips; to scree;	<1	<5	6	<10	4	<5	200 mm

851032

**NEWNHAM EXPLORATION and MINING SERVICE
SAMPLE RECORD**

Project	Davie	Sampler	I Rogers	Sample Type	Soil	Laboratory	Analabs	Sampling Period	Nov 00
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Sample Number	Co-ordinates		Description	Assays						Comments
	N	E		Au	As	Cu	Pb	Zn	Sb	
38301	line 9 N	500 E	brown-black soil; gy-brn chips; scree slope	154	134	11	19	18	<5	800 mm; near cliff
38302	line 10 N	500 E	brown-black soil; brn-gy chips; scree slope	157	150	27	17	29	<5	200 mm
38303	10	475	brown-black soil; gy rock chips; cliff side;	32	81	14	34	15	<5	300 mm; scree
38304	10	450	brown-black soil; gray chips; 50% humus;	12	<5	24	10	11	<5	200 mm; 5 holes
38305	10	425	gray soil; gray-green chips; B-horizon;scree	<1	101	8	<10	9	<5	400 mm
38306	10	400	gray-brown soil;gray-brown-green chips;	22	80	8	<10	19	<5	400 mm
38307	10	525	gray-brown soil and chips; on scree	142	100	11	15	20	<5	500 mm
38308	10	550	gray-brown soil and chips; B-horizon;	30	111	6	<10	10	<5	500 mm
38309	10	575	gray-brown soil; gray chips; B-horizon;	3	<5	7	41	6	<5	400 mm
38310	10	600	gray-brown soil; gray chips; B-horizon;	11	<5	8	<10	7	<5	300 mm
38311	line 12 N	600 E	gray-brown soil; gray chips; on scree	8	<5	5	<10	14	<5	600 mm
38312	12	575	gray soil; gray-brown chips; near creek;	9	<5	10	<10	6	<5	200 mm
38313	12	550	gray-brown soil and chips; to scree;	25	<5	4	<10	25	<5	500 mm
38314	12	525	gray-brown soil and chips; to rock;	30	42	10	14	7	<5	300 mm
38315	12	500	brown-black soil; gray chips; B-horizon;	12	14	7	<10	5	<5	1000 mm
38316	12	475	gray-brown soil; gray chips to rock;	7	8	10	<10	6	<5	400 mm; on cliff;
38317	12	450	brown-black-gray soil; gray-brown chips	9	40	46	20	12	<5	100 mm; on cliff
38318	12	425	gray-brown soil and chips; to rock;	64	27	5	<10	4	<5	300 mm
38319	12	400	gray-brown soil and rock chips; on scree;	112	31	3	<10	3	<5	300 mm
38320	line 11 N	500 E	brown-black soil; gray-brn chips; on rock;	200	129	29	25	14	<5	300 mm; on cliff
38321	line 13 N	500 E	brown-black soils; gray-brn chips; on rock	46	18	36	39	15	<5	300 mm
38322	line 14 N	475 E	gray-brown soil; gray chips; fall down area	45	<5	6	<10	3	<5	400 mm; disturbed
38323	14	450	gray-brown soil;gray chips; fall down area	107	47	4	<10	6	<5	300 mm; disturbed
38324	14	425	gray-brown soil; gray chips; on rock;	35	<5	6	<10	3	<5	300 mm
38325	14	400	brown-black soil; gy chips; ridge top-scree	22	<5	43	39	15	<5	100 mm

Appendix 4:

Davie Anomaly C-Horizon Soil Coordinates and
Analyses

ASARCO - Davie Anomaly C-Horizon Soil Sample Coordinates and Analyses

851035

Sample_No	AMG_E	AMG_N	NEM_E	NEM_N	Grid_N	Grid_E	Au_ppb	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Sb_ppm
38251	375959.19	5336190.97	376061.86	5336378.43	2	525	<1	<5	27	13	11	<5
38252	375977.57	5336207.66	376061.75	5336403.26	2	550	<1	<5	14	<10	8	<5
38253	375996.17	5336224.55	376061.65	5336428.38	2	575	<1	<5	12	<10	5	<5
38254	376014.5	5336241.19	376061.54	5336453.14	2	600	<1	<5	16	12	9	<5
38255	375940.84	5336174.31	376061.97	5336353.64	2	500	<1	7	6	<10	8	<5
38256	375922.56	5336157.7	376062.07	5336328.94	2	475	<1	17	23	18	110	<5
38257	375904.27	5336141.09	376062.18	5336304.25	2	450	<1	80	5	12	34	<5
38258	375885.49	5336124.04	376062.28	5336278.88	2	425	<1	17	11	18	18	<5
38259	375866.95	5336107.19	376062.39	5336253.82	2	400	<1	15	5	<10	12	<5
38260	375909.04	5336209.66	376014.42	5336353.67	4	500	<1	647	25	11	46	<5
38261	375923.86	5336193.18	376036.57	5336353.66	3	500	<1	15	8	13	14	<5
38262	375927.65	5336226.29	376014.51	5336378.63	4	525	4	60	8	15	12	<5
38263	375946.22	5336242.88	376014.6	5336403.53	4	550	<1	<5	4	<10	22	<5
36264	375964.77	5336259.46	376014.7	5336428.42	4	575	<1	56	11	15	27	<5
36265	375983.07	5336275.81	376014.79	5336452.94	4	600	<1	7	19	14	22	<5
38266	375890.24	5336192.85	376014.32	5336328.45	4	475	<1	16	14	12	57	<5
38267	375871.25	5336175.89	376014.22	5336302.98	4	450	<1	17	9	<10	9	<5
38268	375852.73	5336159.34	376014.13	5336278.15	4	425	<1	38	9	<10	11	<5
38269	375834.7	5336143.22	376014.04	5336253.97	4	400	<1	<5	14	12	5	<5
38270	375892.25	5336228.33	375989.31	5336353.68	5	500	<1	545	18		216	<5
38271	375861.87	5336300.48	375915.36	5336379.39	8	525	12	2300	34	140	106	<5
38272	375880.32	5336317.1	375915.35	5336404.22	8	550	79	300	10	22	31	<5
38273	375898.98	5336333.9	375915.35	5336429.33	8	575	5	20	9	18	23	<5
38274	375916.73	5336349.9	375915.34	5336453.22	8	600	7	20	6	<10	12	<5
38275	375858.29	5336266.07	375938.53	5336353.7	7	500	<1	131	9	190	28	<5
38276	375931.9	5336296.39	375965.26	5336428.69	6	575	<1	12	8	12	38	<5
38277	375949.68	5336312.34	375965.3	5336452.58	6	600	<1	52	17	18	89	<5
38278	375913.26	5336279.67	375965.21	5336403.65	6	550	<1	10	9	14	49	<5
38279	375894.48	5336262.81	375965.17	5336378.41	6	525	<1	1195	26	11	94	<5
38280	375876.07	5336246.3	375965.12	5336353.69	6	500	18	337	8	760	25	<5
38281	375858.48	5336228.78	375966.38	5336328.88	6	475	5	34	8	17	16	<5
38282	375838.67	5336212.74	375965.04	5336303.43	6	450	<1	51	7	<10	22	<5
38283	375820	5336195.99	375964.99	5336278.35	6	425	<1	<5	5	11	5	<5
38284	375801.7	5336179.57	375964.95	5336253.76	6	400	<1	42	14	24	19	<5
38285	375842.8	5336283.29	375915.37	5336353.71	8	500	10	992	28	260	43	<5

ASARCO - Davie Anomaly C-Horizon Soil Sample Coordinates and Analyses

851036

Sample_No	AMG_E	AMG_N	NEM_E	NEM_N	Grid_N	Grid_E	Au_ppb	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Sb_ppm
38286	375824.17	5336266.51	375915.37	5336328.63	8	475	18	127	18	160	37	<5
38287	375805.39	5336249.59	375915.38	5336303.36	8	450	9	54	10	<10	14	<5
38288	375787.38	5336233.36	375915.39	5336279.12	8	425	<1	<5	7	<10	4	<5
38289	375768.59	5336216.44	375915.4	5336253.83	8	400	<1	<5	3	<10	3	<5
38290	375818.53	5336461.39	375766.77	5336454.84	14	600	<1	<5	7	165	16	<5
38291	375726.6	5336412.46	375741.62	5336353.79	15	500	42	5	10	<10	4	<5
38292	375710.08	5336430.84	375716.91	5336353.8	16	500	74	47	6	<10	16	<5
38293	375728.76	5336447.66	375716.91	5336378.95	16	525	3	9	3	<10	4	<5
38294	375747.21	5336464.27	375716.91	5336403.77	16	550	4	21	10	<10	6	<5
38295	375765.83	5336481.03	375716.91	5336428.83	16	575	11	9	4	<10	5	<5
38296	375782.71	5336496.38	375716.8	5336451.65	16	600	13	<5	47	52	23	<5
38297	375691.36	5336413.99	375716.91	5336328.62	16	475	8	61	6	<10	9	<5
38298	375672.7	5336397.16	375716.93	5336303.49	16	450	2	<5	16	<10	7	<5
38299	375654.27	5336380.59	375716.91	5336278.71	16	425	<1	<5	4	<10	2	<5
38300	375633.64	5336361.93	375716.97	5336250.9	16	400	<1	<5	6	<10	4	<5
38301	375825.48	5336302.54	375889.48	5336353.72	9	500	154	134	11	19	18	<5
38302	375808.66	5336321.25	375864.31	5336353.74	10	500	157	150	27	17	29	<5
38303	375789.97	5336304.33	375864.38	5336328.53	10	475	32	81	14	34	15	<5
38304	375770.88	5336287.04	375864.45	5336302.78	10	450	12	<5	24	10	11	<5
38305	375752.85	5336270.73	375864.52	5336278.46	10	425	<1	101	8	<10	9	<5
38306	375733.93	5336253.59	375864.59	5336252.94	10	400	22	80	8	<10	19	<5
38307	375826.83	5336337.7	375864.25	5336378.26	10	525	142	100	11	15	20	<5
38308	375845.38	5336354.5	375864.18	5336403.28	10	550	30	111	6	<10	10	<5
38309	375864.2	5336371.54	375864.11	5336428.67	10	575	3	<5	7	41	6	<5
38310	375881.84	5336387.51	375864.04	5336452.46	10	600	11	<5	8	<10	7	<5
38311	375851.28	5336422.05	375817.93	5336452.85	12	600	8	<5	5	<10	14	<5
38312	375832.56	5336405.29	375817.86	5336427.73	12	575	9	<5	10	<10	6	<5
38313	375814.03	5336388.58	375817.87	5336402.79	12	550	25	<5	4		25	<5
38314	375795.15	5336371.79	375817.72	5336377.52	12	525	30	42	10	14	7	<5
38315	375777.45	5336355.94	375817.65	5336353.76	12	500	12	14	7	<10	5	<5
38316	375757.73	5336338.28	375817.58	5336327.29	12	475	7	8	10	<10	6	<5
38317	375739.44	5336321.9	375817.51	5336302.73	12	450	9	40	46	20	12	<5
38318	375721.05	5336305.44	375817.45	5336278.06	12	425	64	27	5	<10	4	<5
38319	375702.81	5336289.1	375817.38	5336253.58	12	400	112	31	3	<10	3	<5
38320	375791.81	5336339.97	375839.13	5336353.75	11	500	200	129	29	25	14	<5

ASARCO - Davie Anomaly C-Horizon Soil Sample Coordinates and Analyses

851037

Sample_No	AMG_E	AMG_N	NEM_E	NEM_N	Grid_N	Grid_E	Au_ppb	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Sb_ppm
38321	375760.19	5336375.13	375791.85	5336353.77	13	500	46	18	36	39	15	<5
38322	375724.83	5336377.73	375766.26	5336329.23	14	475	45	<5	6	<10	3	<5
38323	375705.94	5336360.86	375766.15	5336303.91	14	450	107	47	4	<10	6	<5
38324	375687.45	5336344.34	375766.05	5336279.11	14	425	35	<5	6	<10	3	<5
38325	375669.04	5336327.91	375765.95	5336254.44	14	400	22	<5	43	39	15	<5
38326	375743.14	5336394.07	375766.36	5336353.78	14	500	21	<5	39	24	9	<5
38327	375761.8	5336410.74	375766.46	5336378.8	14	525	65	<5	6	<10	2	<5
38328	375780.51	5336427.45	375766.56	5336403.88	14	550	51	6	5	<10	2	<5
38329	375799.09	5336444.03	375766.66	5336428.79	14	575	11	69	13	25	51	<5

851038

22 6/12

FAXED

A N A L A B S



Our reference : BU018258
 Your reference : 143649
 Project code : Soil Samples
 Date received : 24/11/00
 Date reported : 05/12/00

Analabs Pty. Ltd.
 ACN 004 591 664
 14 Thirkell St, Burnie
 Tasmania 7320
 Telephone : (03) 6431 6837
 Facsimile : (03) 6431 8890



Asarco
Davie Soil Results

Number of pages of results : 4
 Number of Samples : 79
 First Sample : 38251
 Last Sample : 38329

Invoice to:

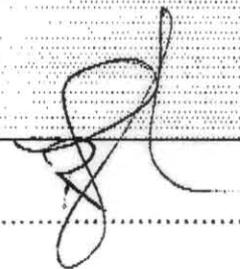
Electronic Data Transmission :
 Modem Y 05/12/00
 Facsimile / /
 Disk Report Y / /

Preliminary Reports :
 29/11/00 Report

Results to:

Results to:

Remarks :

Authorised by
 On behalf of: 

Rob Chapman
 Laboratory Manager



Our reference : BU018258
 Your reference : 143649
 Project code : Soil Samples
 Report date : 05/12/00
 Report status : Final
 Page : 1 of 4

Analabs Pty. Ltd.
 ACN 004 591 664
 14 Thirkell St, Burnie
 Tasmania 7320
 Telephone : (03) 6431 6837
 Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Cu	Pb	Zn	As	Ag	Sb
38251	27	13	11	<5	<3	<5
38252	14	<10	8	<5	<3	<5
38253	12	<10	5	<5	<3	<5
38254	16	12	9	<5	<3	<5
38255	6	<10	8	7	<3	<5
38256	23	18	110	17	<3	<5
38257	5	12	34	80	<3	<5
38258	11	18	18	17	<3	<5
38259	5	<10	12	15	<3	<5
38260	25	11	46	647	<3	<5
38261	8	13	14	15	<3	<5
38262	8	15	12	60	<3	<5
38263	4	<10	22	<5	<3	<5
38264	11	15	27	56	<3	<5
38265	19	14	22	7	<3	<5
38266	14	12	57	16	<3	<5
38267	9	<10	9	17	<3	<5
38268	9	<10	11	38	<3	<5
38269	14	12	5	<5	<3	<5
38270	18	<10	216	545	<3	<5
38271	34	140	106	2300	<3	<5
38272	10	22	31	300	<3	<5
38273	9	18	23	20	<3	<5
38274	6	<10	12	20	<3	<5
38275	9	190	28	131	<3	<5
38276	8	12	38	12	<3	<5
38277	17	18	89	52	<3	<5
38278	9	14	49	10	<3	<5
38279	26	11	94	1195	<3	<5
38280	8	760	25	337	<3	<5
38281	8	17	16	34	<3	<5
38282	7	<10	22	51	<3	<5
38283	5	11	5	<5	<3	<5
38284	14	24	19	42	<3	<5
38285	28	260	43	992	<3	<5
38286	18	160	37	127	<3	<5
38287	10	<10	14	54	<3	<5
38288	7	<10	4	<5	<3	<5
38289	3	<10	3	<5	<3	<5
38290	7	165	16	<5	<3	<5
38291	10	<10	4	5	<3	<5
38292	6	<10	16	47	<3	<5
38293	3	<10	4	9	<3	<5
38294	10	<10	6	21	<3	<5
38295	4	<10	5	9	<3	<5
38296	47	52	23	<5	<3	<5
38297	6	<10	9	61	<3	<5
38298	16	<10	7	<5	<3	<5
38299	4	<10	2	<5	<3	<5
38300	6	<10	4	<5	<3	<5
Method	1102	1102	1102	1102	1102	1102
Units	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	2	10	2	5	3	5

Notes: N.A. = not analysed, -- = element not determined, I.S. = insufficient sample, L.N.R. = listed not received



Our reference : BU018258
 Your reference : 143649
 Project code : Soil Samples
 Report date : 05/12/00
 Report status : Final
 Page : 3 of 4

Analabs Pty. Ltd.
 ACN 004 591 664
 14 Thirkell St, Burnie
 Tasmania 7320
 Telephone : (03) 6431 6837
 Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)			
38251	<1	--			
38252	<1	--			
38253	<1	--			
38254	<1	--			
38255	<1	--			
38256	<1	--			
38257	<1	--			
38258	<1	--			
38259	<1	--			
38260	<1	<1			
38261	<1	--			
38262	4	--			
38263	<1	<1			
38264	<1	--			
38265	<1	--			
38266	<1	<1			
38267	<1	--			
38268	<1	--			
38269	<1	--			
38270	<1	--			
38271	12	13			
38272	79	81			
38273	5	--			
38274	7	--			
38275	<1	--			
38276	<1	--			
38277	<1	--			
38278	<1	<1			
38279	<1	--			
38280	18	18			
38281	5	--			
38282	<1	--			
38283	<1	--			
38284	<1	--			
38285	10	8			
38286	18	21			
38287	9	--			
38288	<1	--			
38289	<1	--			
38290	<1	--			
38291	42	44			
38292	74	82			
38293	3	--			
38294	4	--			
38295	11	--			
38296	13	--			
38297	8	10			
38298	2	--			
38299	<1	--			
38300	<1	--			
Method	F614	F614			
Units	ppb	ppb			
Detection Limit	1	1			

Notes: N.A. = not analysed, -- = element not determined, I.S. = insufficient sample, L.N.R. = listed not received

