Anglo Australian Resources N.L.

Annual Report 1996

EL 3/92 "THIRKELL HILL"

Russell Fulton
December, 1996

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1.0 SUMMARY

Based on previous work undertaken by Anglo Australian Resources NL which showed the D'Aguilar South prospect to be the location of highly anomalous gold in pan concentrates including visible gold and with some support from -80# base metals, broad gold in A-horizon (Huminex) anomalism and an elongate body of massive silica ± sericite alteration, this year's work consisted of extending and infilling the gridded sampling by collecting another 83 Huminex samples, 96 C-horizon soil samples, and 38 rock chip samples. Rock chip sampling from the massive silica body produced a best assay of 125 ppb Au. A sample of quartz-sericite-minor hematite-carbonate altered intensely quartz-veined lava overlying the massive silica at assayed at 48 ppb Au. Huminex sampling has defined a zone of elevated gold in an area draining the massive silica body, underlain by strongly chlorite ± pyrite altered volcaniclastics, and near the location of anomalous gold in panned concentrate.. Mapping and petrologic studies have shown that the massive silica is underlain by intensely quartz-sericite-hematite altered volcanics. Intense chlorite ± pyrite alteration overprints the underlying quartz-sericite altered volcanics in two areas. Overlying the massive silica occur intensely quartz-sericite-minor hematite ± carbonate altered and strongly quartz-veined felsic lava. The alteration package is suggestive of a VHMS-exhalative hydrothermal system albeit without significant sulphide exposed at the current surface. Further work which could be undertaken in the area include dipole - dipole IP surveying or drilling a 250 to 300 metre deep hole into the massive silica body beneath the zone of surface leaching and into the strongly chlorite ± pyrite altered volcaniclastics beneath the zone of high Au anomalism defined by this year's Huminex sampling.

A small amount of work undertaken at the Viking 19 prospect did not produce encouraging results, whilst work undertaken at the Viking 15 prospect confirmed the presence of altered volcanics, with base metal values up to 199 ppm Zn and 76 ppm Pb.

2.0 INTRODUCTION

2.1 Location

Exploration Licence 3/92 "Thirkell Hill" is located in Tasmania's south-west, lying to the south of the Gordon River and to the south-east of Birch's Inlet (Figure 1).

2.2 Tenure

The Exploration Licence was granted to Mac Mining NL (now Macmin N.L.) on 1/10/92 and joint ventured to Anglo Australian Resources NL on the 25th September, 1992. Anglo Australian Resources NL is operator/manager of the licence and is currently earning 75%. The licence covers an area of 65 square kilometres.

2.3 Land Status/Usage

The area covered by EL 3/92 is a part of the South West Conservation Area, thus mineral exploration activities are subject to the consideration and the approval of the Mineral Exploration Working Group, an interdepartmental committee comprised of representatives from Industry, Safety and Mines, the Department of Environment and Land Management, the Parks and Wildlife Service and Forestry Tasmania. The window of prospective Mt. Read Volcanics covered by EL 3/92 was excluded from the surrounding World Heritage Area for the purpose of mineral exploration.

2.4 Topography/Vegetation

In general, the Mt. Read Volcanics occupy a broad topographic low bounded to the west by the D'Aguilar Range, which is comprised of Ordovician siliciclastics, and to the east by a range of hills comprised of Precambrian metasediments. The D'Aguilar South prospect lies marginally to the north of a saddle connecting the two ranges. Most of the volcanics are covered by open button grass

ANGLO AUSTRALIAN RESOURCES N.L.

TASMANIA - E.L. 3/92

E. L. LOCATION

Figure 1.

SCALE 1:250 000

0 200 400 600 800 1000 metres

Compiled: G. M.	Date: AUGUST 1994	Dwg. No.:
Drawn:	Map Ref:	PLATE:

5 cm

320006

heath or thick tea-tree and bauera. The eastern slopes of the D'Aguilar Range are covered by dense rainforest.

Much of the bedrock is covered by a veneer of peat and quartz lag, however outcrop is quite good on the elevated saddle area of the D'Aguilar South prospect.

2.5 Access

Access during this year's fieldwork was by helicopter from Strahan and Hobart. In the previous year, attempts to access the area via a degraded "bombardier" track which leads off the Low Rocky Point track were made using 4WD and 6WD motorbikes. These had limited success, being able to pull trailers laden with gear to within two kilometres of the D'Aguilar South Prospect.

3.0 GEOLOGY

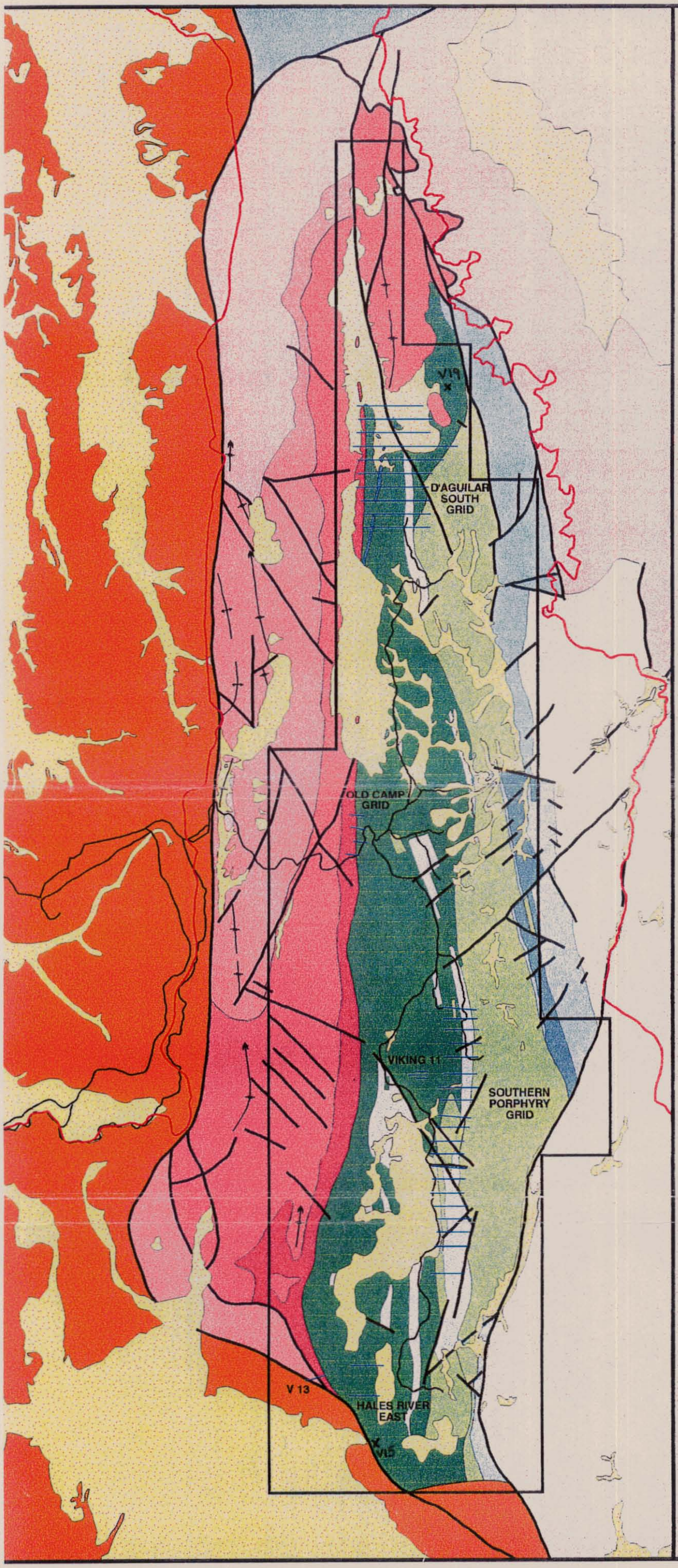
This section is largely from the previous years report.

Very limited regional geological mapping has been undertaken by Anglo Australian Resources N.L. The mapping undertaken by Mineral Resources Tasmania as part of the Mt. Read Volcanics Project was considered sufficient and has been used as the basis for the geology shown in Figure 2. Prospect scale mapping has been conducted over some parts of the licence area.

The Mt. Read Volcanics which outcrop over much of the licence area lie on the eastern limb of a north striking, shallowly north plunging syncline with Ordovician siliciclastics lying in the core of the fold. The western limb of the fold has been downfaulted during formation of a major Tertiary graben. Further south, towards Elliott Bay, part of this western limb is unfaulted and in position and contains high grade, base metal, massive sulphide lenses at Wart Hill. The eastern limb of the syncline in this area, the Mt. Osmond Syncline, contains an almost identical stratigraphy to that further north within E.L. 3/92.

The exact stratigraphic position of the massive sulphide lenses/rafts at Wart Hill has been the subject of much conjecture, however the latest interpretation, based on extensive drilling and trenching, indicates that this horizon or source horizon lies close to the contact with the overlying Waterloo Creek Group.The felsic volcaniclastic conglomerates and sandstones, pyritic shales, and siltstones of the Waterloo Creek Group also outcrop along the western side of the Mt. Read Volcanics within the licence area.

It is this direct correlation with massive sulphide hosting/ sourcing volcanics twenty kilometres to the south at Wart Hill which underpins the prospectivity of the volcanic sequence at Thirkell Hill for base metal VHMS deposits. The same package of rocks which host the massive sulphide lenses is also considered to be prospective for gold near the contact with a large, elongate body of quartz-feldspar-biotite porphyry, with gold mineralisation hosted within a north-east trending shear adjacent to the porphyry. A similar porphyry also occurs at EL 3/92. Correlations with sequences within the Mt. Read Volcanics to the north of Macquarie Harbour are somewhat tenuous, with volcanics at Elliott Bay, other than the Waterloo Creek Group rocks, being suggested as correlates of the Eastern Quartz Phyric Sequence which occupies the eastern side of the volcanic belt north of Macquarie Harbour,



LEGEND

QUATERNARY — Talus, scree, younger and older alluvium + fan deposits.

TERTIARY — Semi-consolidated interbedded sands, pebble-cobble gravels, silts and clays.

SILURO - DEVONIAN — Undifferentiated sandstone, siltstone and shale.

ORDOVICIAN — Limestone with some associated siltstone and sandstone.

OWEN CONGLOMERATE AND DENISON GROUP

? EARLY ORDOVICIAN - ? LATE CAMBRIAN

- ? Well-bedded sandstone and chert-bearing gritty sandstone, plus thickly bedded to massive pebble-cobble conglomerate.
- Trough cross-bedded sandstone with intercalations of pebble conglomerate.
- Granule-pebble to pebble-cobble conglomerate with interbedded sandstone and minor siltstone.
- Pyritic shale and siltstone, plus volcaniclastic conglomerate and sandstone.

MT READ FELSIC TO INTERMEDIATE VOLCANICS

CAMBRIAN

- Cream to pink felsic lava with minor intercalated epiclastic rocks and lava breccias.
- Felsic volcaniclastic and epiclastic rocks.
- Siliciclastic breccia-conglomerate unit, with quartzite clasts.
- Quartz-feldspar-biotite-phyric lava and / or intrusive.
- Siliciclastic to volcaniclastic bedded siltstone, sandstone and shale.
- Siliciclastic sandstone and granule-pebble conglomerate.

CAMBRIAN INTRUSIVE ROCKS

- Coarse grained quartz-feldspar-biotite porphyry.
- Fine to medium grained quartz-feldspar-biotite-phyric lava and / or intrusive.

PRECAMBRIAN — Undifferentiated quartzite, phyllite, schist.

- Geological boundary
- Fault
- Axial surface trace of major anticline.
- Axial surface trace of major syncline.
- Track
- World Heritage area boundary.
- Boundary of E.L. 3/92
- Gridded area

0 1 2 3 4 5
kilometres

5 cm

A.A.R. / MAC MINING N.L.

E.L. 3/92 GEOLOGY

Date: OCTOBER 1992

Compiled: P.A.M./G.M. Drawn: NORTHPOINT

320009

figure 2.

whilst the Waterloo Creek Group has been suggested as a Tyndall Group correlate. Rocks which underlie the Waterloo Creek Group rocks near Mt. Lee in EL 3/92 have also been suggested as looking like Tyndall Group rocks.

The geology within the licence area is shown in Figure 2. The sequence dips at 60° to 70° and faces west. No evidence for the isoclinal folding of Martin (in Australasian Minerals Inc. Annual Report, 1974) was seen and so the sequence is considered to be essentially straightforward.

Unconformably overlying the Precambrian metasediments, and in faulted contact with Ordovician siliciclastics in the north, is a sequence of coarse to fine grained sediments of mixed Precambrian and volcanic provenance. To the east, this unit is almost completely of Precambrian provenance and is coarse grained. Towards the west, the grain size decreases and there is the amount of material of volcanic provenance increases. This sequence is a correlate of the Sticht Range Beds further north in the Mt. Read Volcanic Belt.

To the west of these sediments is a large, elongate body of coarsely quartz-feldspar-biotite phyric porphyry which is almost certainly a Cambrian intrusive. It too has correlates to the north and the south.

Further west is a package of mixed felsic (quartz-feldspar ± biotite phyric) lavas or intrusives and felsic volcaniclastics. It is these rocks which are considered to have potential for VHMS deposits and also may be prospective for gold deposits near the contact with the porphyry.

Apparently conformably overlying this package is a unit of felsic volcaniclastics overlain in turn by a unit of fine shales/siltstones which together form constitute the Waterloo Creek Group. Where seen in the field, these rocks are often sericitic and schistose.

Overlying the Waterloo Creek Group are Ordovician siliciclastics which are correlates of the Owen Conglomerate to the north. There is some debate as to whether the contact is conformable or not.

Of interest in the northern part of the licence area, east of Mt. Lee, is a unit which cuts across the regional strike and which has been mapped by the Mines Department as a "siliciclastic breccia-conglomerate with quartzite clasts". Petrologic examination of samples collected this year indicate that the massive silica may be

hydrothermal filling along a fault. The volcanics underlying the silica body are strongly silica-sericite ± haematite altered.

During the regional Devonian deformation, the volcanic package at Thirkell Hill was folded and now occupies the 60° to 70° west-dipping eastern limb of a major, shallowly north-plunging syncline. A north-south trending sub-vertical cleavage is associated with the syncline. A number of north-west and north-east trending wrench faults have been interpreted from aerial photography.

Other than from the southern anomaly on the Southern Porphyry Contact grid, where pyrite and pyrite-chalcopyrite veinlets were intersected by drilling, sulphides have only been observed in chloritic volcaniclastics from the D'Aguilar South grid, whilst panned concentrate samples from creeks draining the Waterloo Creek Group and adjacent volcanics occasionally contain galena.

4.0 PREVIOUS EXPLORATION

Previous exploration within the area has been summarised extensively in the December 1994 annual report and is outlined briefly below.

Exploration has been limited and sporadic over the past twenty odd years.

- Summer 1974 Australasian Minerals Inc.
- Summer 1975 Union Oil Development Corp.
- Summer 1977 Geopeko/Union Oil Development Corp. JV
- Summer 1980/81 Aquitaine Australia Minerals Pty. Ltd./Geopeko JV
- Summer 1993/94 Anglo Australian Resources NL

Exploration carried out prior to Anglo Australian Resources has focused almost entirely on the base metal potential of the volcanics. The only prior gold exploration being a one day stream sediment sampling program (13 samples) conducted by C.S.R. in the early 1980's.

Exploration has been of a regional reconnaissance nature and have used airborne E.M./magnetics, broadly spaced gradient-array I.P., soil (base metal assaying only) traverses, stream sediment sampling (base metals only) and geological mapping. Anomalies defined by this work have been followed up by hand held E.M. (max-min) and ground magnetics, closer spaced soil sampling and occasionally more detailed mapping. No prospects have seen fixed loop E.M. surveys, dipole-dipole I.P. surveys or drilling of any kind before Anglo's small 1994/95 program.

Work undertaken by Anglo Australian Resources N.L. in previous years has been extensively reported in previous annual reports and will not be discussed in this report except where relevant to this year's work.

5.0 WORK CONDUCTED AND RESULTS

Three trips were undertaken to the licence area this year between March and June, access being via helicopter each time. Work was conducted at the Viking 15 area, the Viking 19 area and at the D'Aguilar South prospect (see Figure 2.).

The Viking 15 area is at the far south of the licence area and is the location of a strong VLF-EM anomaly, altered pyritic volcanics (reported by Geopeko) and is along strike from pyritic volcanics in the Hales River East area (reported by Anglo Australian). Work undertaken consisted of a single 550 metre east-west traverse across the VLF-EM anomaly, adjacent to the Hales River and in thick vegetation. 21 hand-augered C-horizon soil samples were taken and assayed for Au, and base metals. The sampling confirmed the presence of schistose, sericite-altered quartz-feldspar ± biotite bearing volcanics along most of the traverse, with some samples having a strong red colour, possibly from pyrite oxidation. Assay results are presented in Appendix C. Three samples had detectable gold (> 8ppb) and these samples were at the extreme eastern and western ends of the traverse. The best gold assay of 79 ppb was from the easternmost sample and contained no relict volcanic material. The best base metal values occurred above and to the west of the centre of the VLF-EM anomaly. Four samples had >100ppm Zn, with a maximum of 199ppm in two samples. Pb values were all below 100ppm, the highest at 76 ppm in sample with 177ppm Zn and Cu values were all below 25ppm. The three samples with detectable Au all had low base metal values.

The Viking 19 area lies near the eastern boundary of the far northern part of the licence area and is the location of a VLF-EM anomaly, strongly sericite altered volcanics and moderately anomalous base metals in -80#. It was proposed to conduct a single traverse across the VLF-EM anomaly taking 20 hand augered C-horizon samples, conduct reconnaissance mapping and rock chip sampling in the area and collect 3 panned concentrates from streams in the area. The area was visited during the period that work was being undertaken at the D'Aguilar South Grid, reported below, but due to constraints of time and the weather and the presence of thick scrub work consisted of the collection of 6 sericite and hematite altered rock chip samples. The assays are presented in Appendix D as samples V19-1 to V19-5. Results were disappointing with no detectable gold (> 8ppb) and low base metal values.

Figure 3. D'Aguilar South Grid 1:5,000 Geology

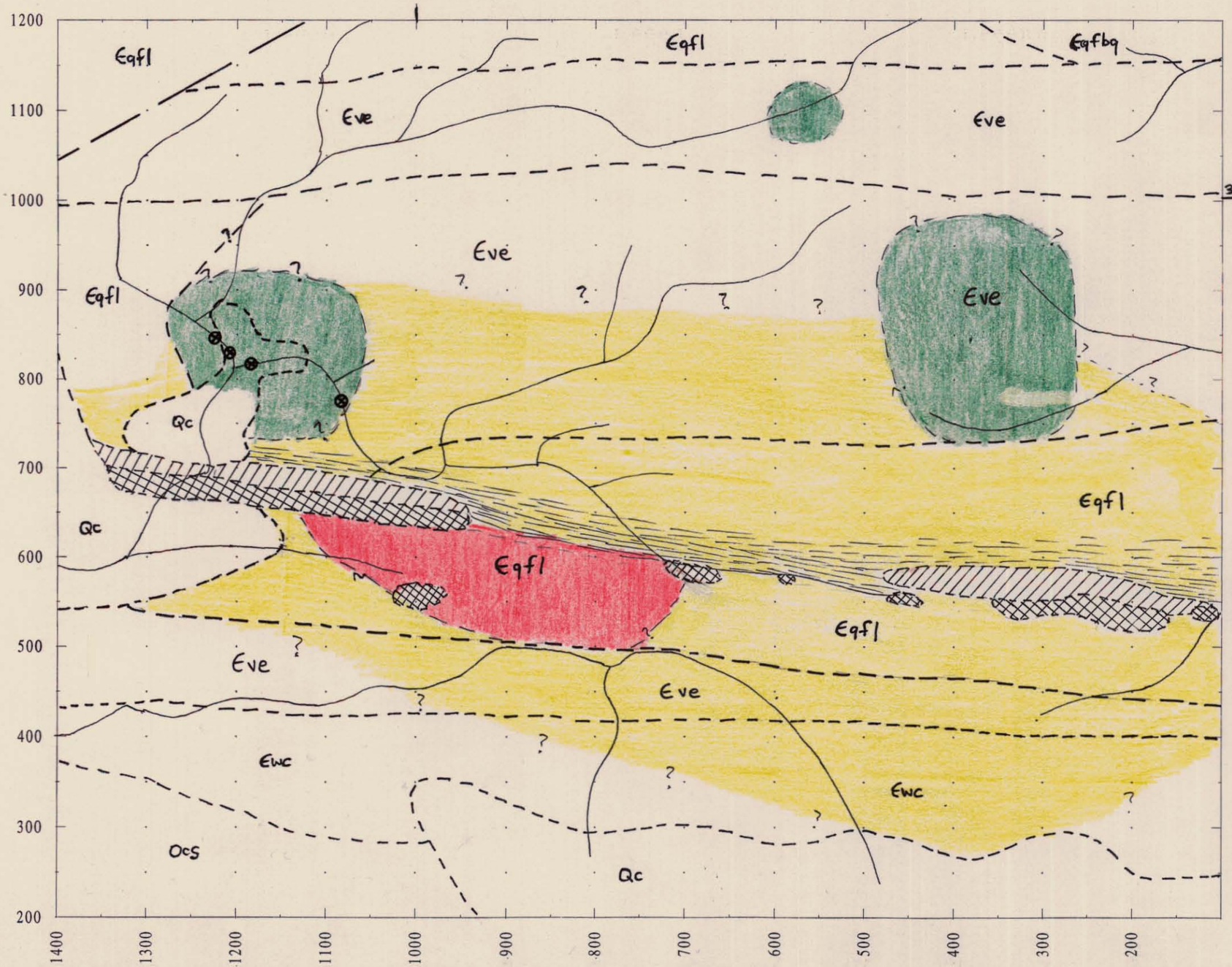
320014

5 cm

N

5 282 000mN

386 000mE

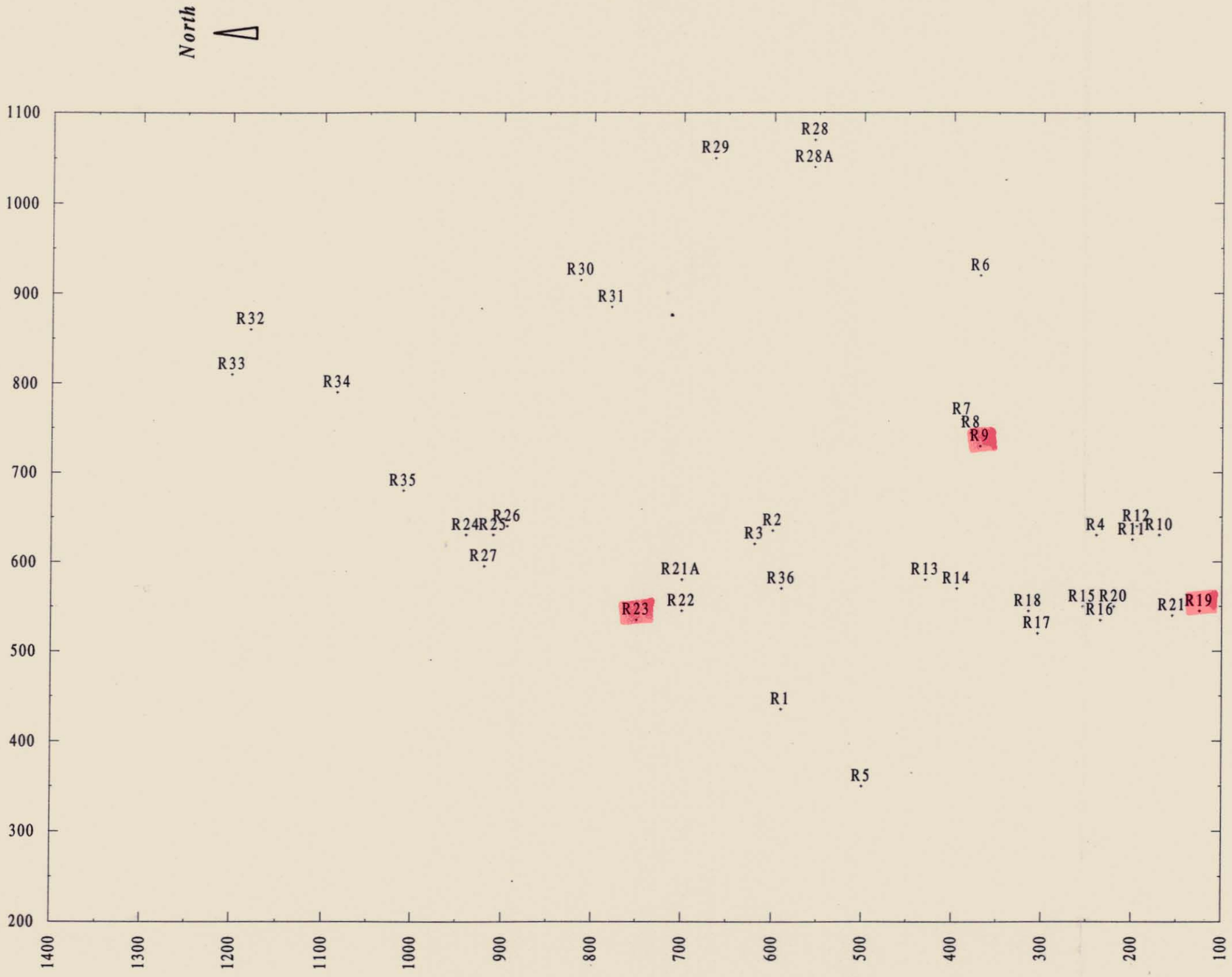


Legend

- Qc — Quaternary cover, alluvial, scree and peat
- Ocs — Siliciclastic conglomerates and sandstones - Owen Conglomerate
- Ewc — Felsic volcaniclastics overlain by siltstones / shales - Waterloo Creek Group
- Eve — Felsic volcaniclastic / sediment - fine to medium grained
- Eqfl — Felsic lava, quartz - feldspar phyric
- Eqfbp — Quartz - feldspar - biotite porphyry
- Intense silica - sericite alteration
- Strongly schistose, strong silica - sericite alteration + haematite
- Faults - interpreted (?)
- Strong foliation
- Chlorite alteration ± pyrite
- Quartz-sericite-minor haematite ± carbonate alteration with intense quartz veining.
- Weak to moderate sericite ± quartz alteration
- ⊗ Visible gold in panned concentrate (previous survey)

Figure 4. D'Aguilar South Grid 1:5,000 Rock sample location.

320015



The bulk of the work undertaken this year was in the vicinity of the D'Aguilar South prospect. The D'Aguilar South prospect is the location of highly anomalous gold in pan concentrates with some support from -80# base metals, broad gold in A-horizon (Huminex) anomalism and intense silica ± sericite alteration. Rock chip sampling and mapping in the vicinity of the massive silica body was carried out and 38 samples were collected and assayed for Au, Cu, Pb, Zn and As. Rock sample locations are shown in Figure 4 and assays can be found in Appendix D. A map compiled from this year's work and previous mapping is presented at Figure 3. To infill and extend the gridded soil sampling previously conducted, 83 more Huminex samples and 96 C-horizon samples were collected. Huminex samples were analysed for Au and the results are posted in Figure 5. Figure 6 is kriged contour plot wherein the three very high values have been reduced to 1000 to remediate the nugget effect . C-horizon samples were analysed for Au, Pb, Zn, Cu and As and the results are presented in Figures 7,8 and 9.

Three rock samples assayed had detectable gold, highlighted in pink in Figure 4. A sample of the silica from about 200N 550E (R19) assayed at 125 ppb Au and contained euhedral holes where pyrite had presumably weathered out, whilst a sample of quartz-sericite-minor hematite-carbonate altered intensely quartz-veined lava overlying the massive silica at 750N 550E assayed at 48 ppb Au (R23). A chlorite-sericite-pyrite altered volcanic sandstone (R9) assayed at 17 ppb Au. The highest copper values occurred in strongly chlorite altered rocks R33, R34 at 19 ppm. Sample R34 also contained the highest Pb assay of 199 ppm however most rocks assayed below 20 ppm. The highest Zn value was 114 ppm, most samples had < 50 ppm.

Mapping and petrologic studies have indicated the presence of several alteration styles. The most striking is a massive silica ± sericite type which is overlain by a quartz-sericite-minor hematite-carbonate altered intensely quartz-veined lava. Immediately underlying the massive silica body is a strongly schistose, intensely silica-sericite-haematite altered probable volcaniclastic. Beneath this is a quartz-sericite altered lava beneath which lies a schistose sericite-altered fine to medium grained volcaniclastic which in some areas is strongly chlorite altered. Petrologic studies of thin sections cut from eight rocks were undertaken by a consultant with extensive experience in the Mt. Read Volcanics, Dr. Tony Crawford of the University of Tasmania, and his descriptions are attached at Appendix E.

The eight rocks examined by Dr. Crawford were analysed for Ti and Zr. The Ti/Zr ratio is considered to be a good discriminant of igneous suites in felsic volcanics and is little affected by hydrothermal alteration. With the exception of the massive silica the Ti/Zr ratios are similar for lavas and volcaniclastics above and lavas below the stratigraphic level of the massive silica and are likely to be cogenetic. The chlorite-altered volcaniclastic has a higher ratio and this may reflect a different provenance.

Table 1. D'Aguilar South - Ti/Zr results.

Sample No.	Ti/Zr	Rock type
R1	4.8	volcaniclastic sandstone
R2	5.7	quartz-plagioclase-biotite phyric lava
R4	5.7	quartz-plagioclase-biotite phyric lava
R15	1.3	massive silica
R17	5.5	quartz-plagioclase-biotite phyric lava
R23	6.3	quartz-plagioclase-biotite phyric lava
R32	9.4	intensely chlorite altered volcaniclastic
R36	3.5	massive silica

Au assays of C-horizon soils produced no coherent gold anomalies, the best being 37 ppb (>8 ppb det. level). Low-level gold analyses (>1 ppb) produced no contourable anomalies and were not able to be completely reconciled with the original (> 8 ppb) analyses. Repeat analyses at the 8 ppb level by Analabs at Burnie were not significantly different to the original analyses. Base metal assays from the C-horizon soils were low with highs of 46 ppm Cu, 103 ppm Pb and 93 ppm Zn.

Huminex sampling was very successful and produced some very high results, the best being a very spiky 4750 ngAu/gC. This location also has the highest Cu and As in the C-horizon soil sample but no detectable Au. The best contourable zone of Au is in the north-east corner of the grid as can be seen in Figures 5 and 6. Unfortunately, the results from this year's work cannot be combined with previous year's results due to differences in sample quality. For instance, line 1100N was a repeat of a line sampled previously and which had returned unexpectedly low results but which this year showed consistently high results.

Figure 5. D'Aguilar South Grid 1:5,000
Huminex Au
ngAu/gC

320018

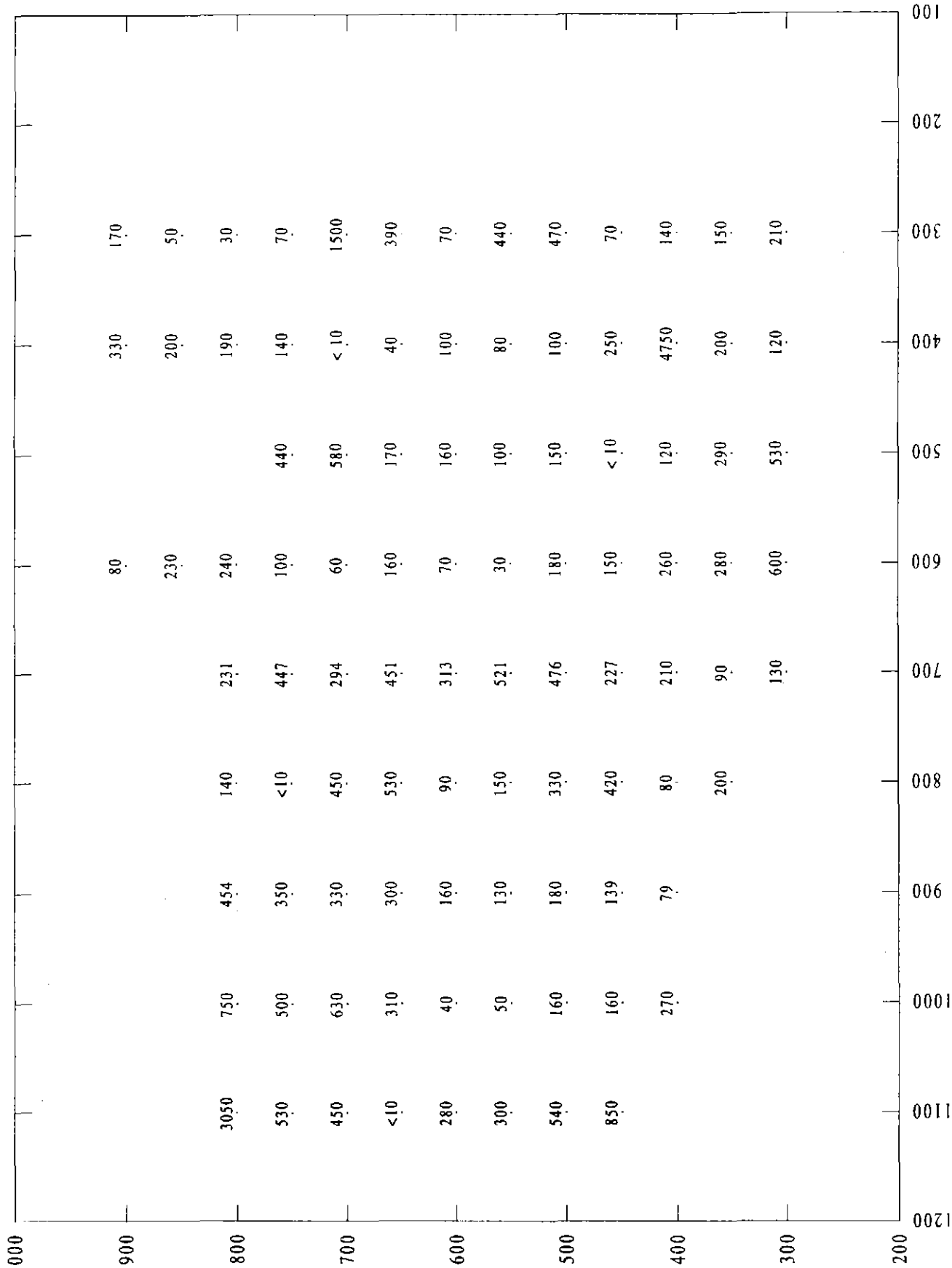


Figure 6. D'Aguilar South Grid 1:5,000 Huminex data smoothed and contoured by kriging. ng Au/g C

320019

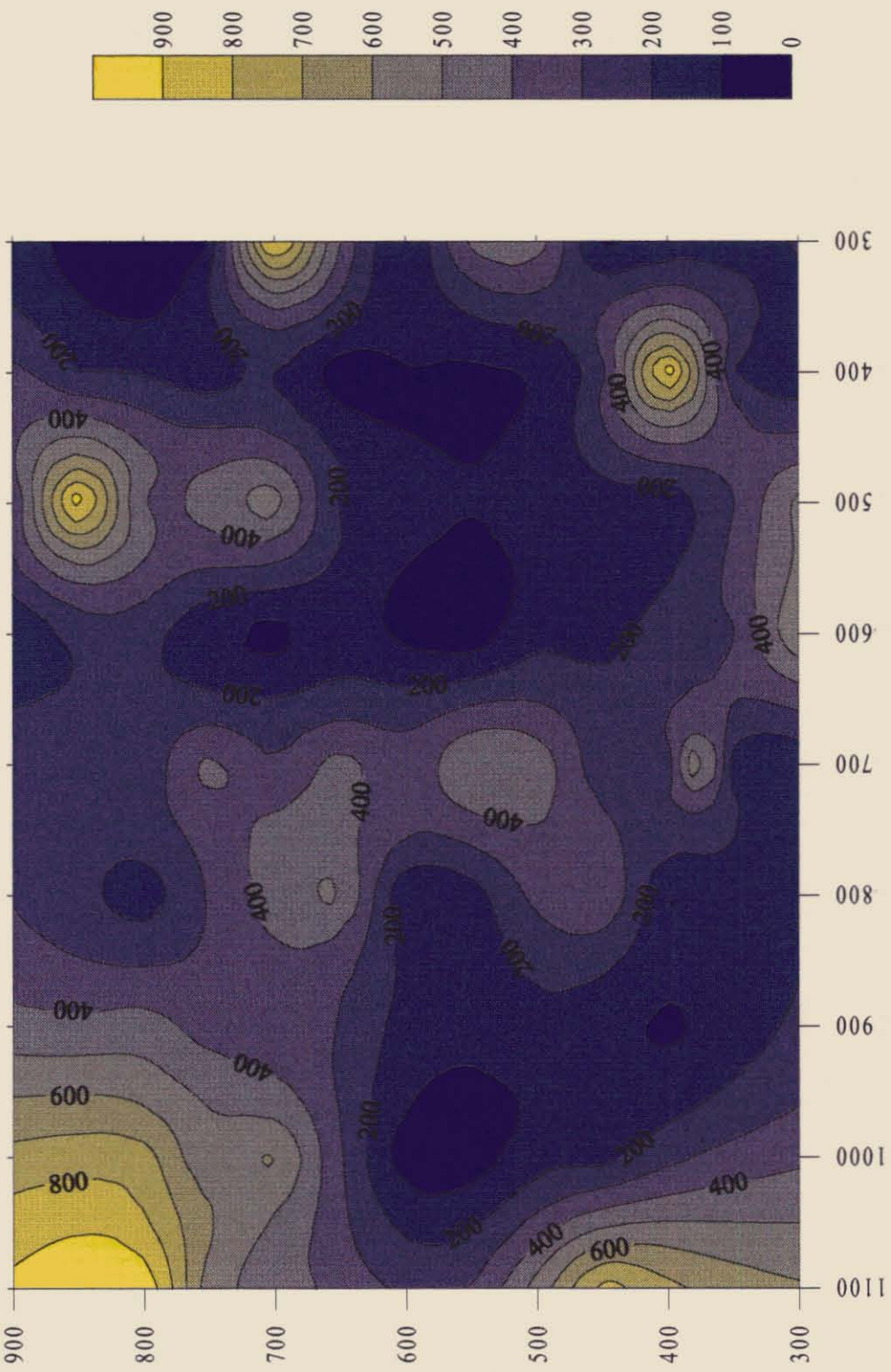


Figure 7. D'Aguilar South Grid 1:5,000
C-horizon soils - Au in ppb
b = below detection

320020

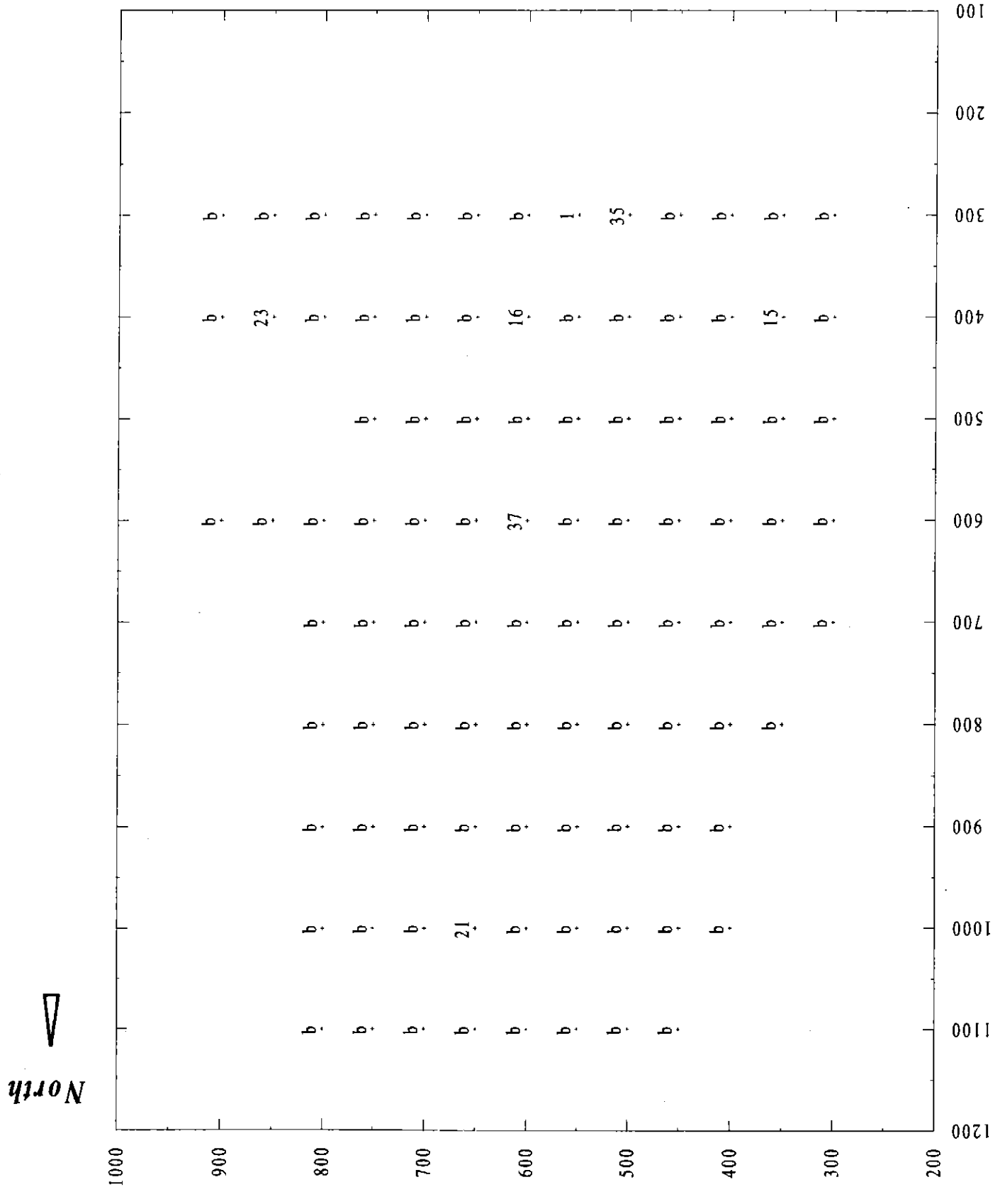
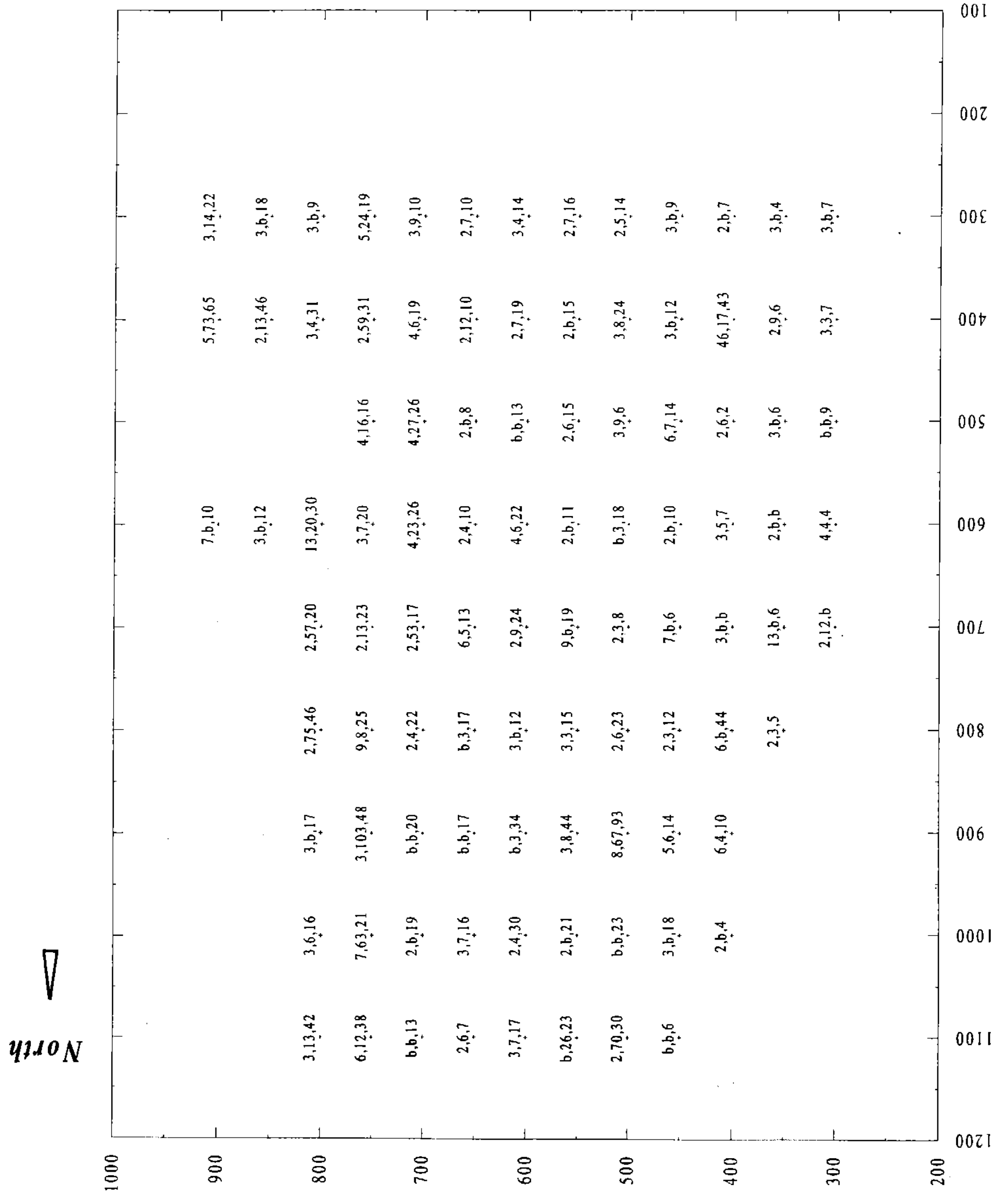


Figure 8. D'Aguilar South Grid 1:5,000
C-horizon soils - Cu, Pb, Zn in ppm
b = below detection

320021



North
1000
900
800
700
600
500
400
300
200
1200
1100
1000
900
800
700
600
500
400
300
200
100
7,b,10
5,73,65
3,14,22
3,b,12
2,13,46
3,b,18
3,13,42
3,6,16
3,b,17
2,75,46
2,57,20
13,20,30
3,4,31
3,b,9
6,12,38
7,63,21
3,103,48
9,8,25
2,13,23
3,7,20
4,16,16
2,59,31
5,24,19
b,b,13
2,b,19
b,b,20
2,4,22
2,53,17
4,23,26
4,27,26
4,6,19
3,9,10
2,6,7
3,7,16
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b,3,17
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2,4,10
2,b,8
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3,7,17
2,4,30
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2,6,2
46,17,43
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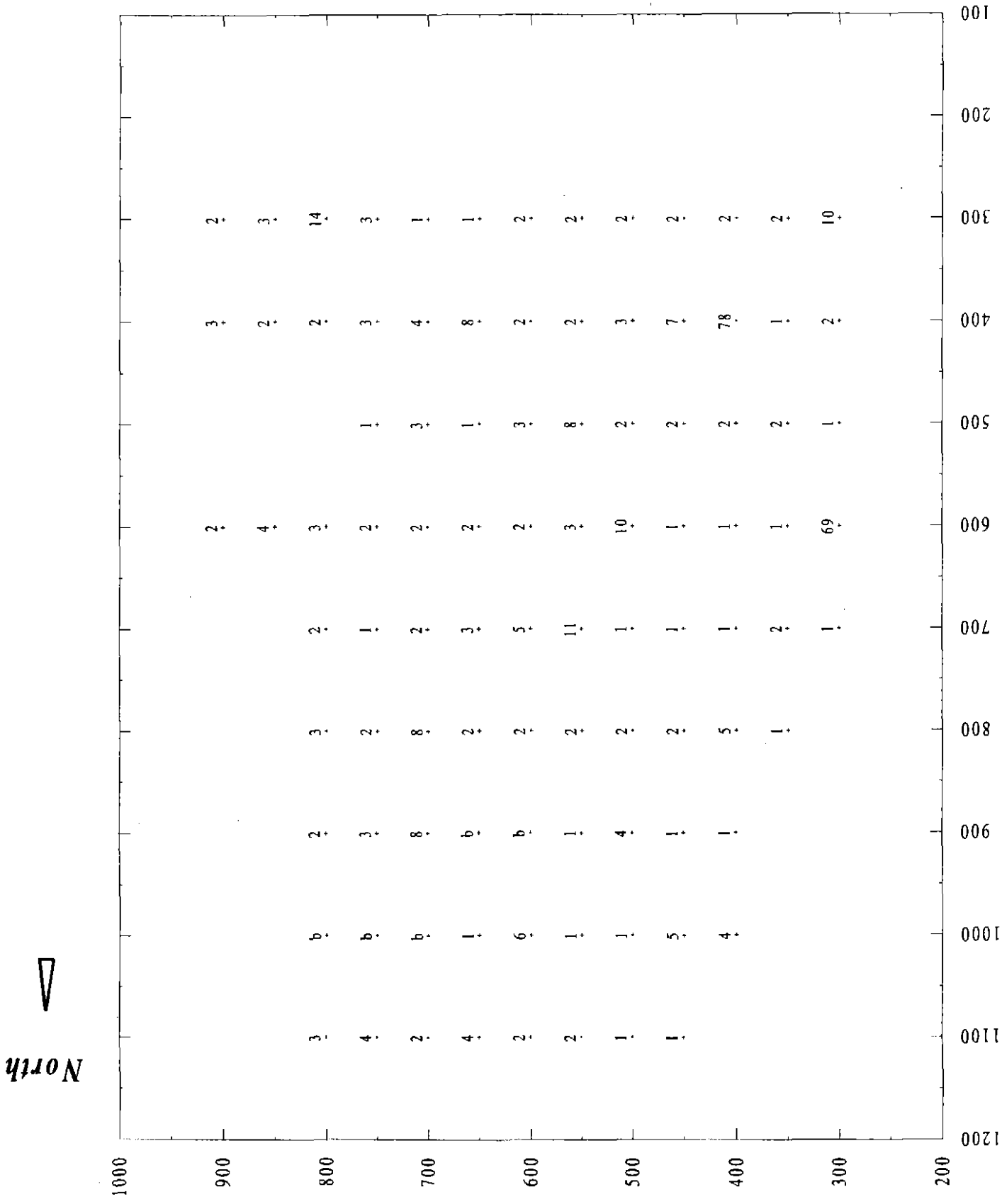
13,b,6
2,b,b
3,b,6
2,9,6
3,b,4
2,12,b
4,4,4
b,b,9
3,3,7
3,b,7

Figure 9. D'Aguilar South Grid 1:5,000
As in ppm.
b = below detection

320022



6.0 CONCLUSIONS AND RECOMMENDATIONS

At D'Aguilar South a NNE trending zone of intense foliation contains discontinuous lenses of massive silica, underlain by intensely quartz-sericite-hematite altered volcanics. Intense chlorite ± pyrite alteration overprints the underlying quartz-sericite altered volcanics in two areas. Overlying the massive silica occur intensely quartz-sericite-minor hematite ± carbonate altered and strongly quartz-veined felsic lava. Petrographic work undertaken by a consultant suggests that the massive silica, previously described as a "chert" or as a "siliciclastic breccia-conglomerate with quartzite clasts" has undergone a history of repeated cracking and sealing by silica-rich solutions and may be late hydrothermal quartz fill along a large fault. The silica body forms a prominent ridge from about 700N to 1200N on the grid. One sample of the massive silica assayed at 125 ppb Au. The alteration package is suggestive of a VHMS-exhalative hydrothermal system albeit without significant sulphide exposed at the current surface.

The Huminex sampling undertaken this year has defined a contourable zone of anomalous gold in the far north-east corner of the grid. Because the Huminex results from previous work can not be combined with this years work, owing to the poor quality of some previous samples, the anomaly around 1100N, 850E cannot be closed off. The anomalous area drains the ridge of massive silica to the west and is the location of visible gold in panned concentrates. It is also near an area of intense chlorite alteration overprinting earlier quartz-sericite alteration. Pyrite is also visible in some of the chloritic rocks.

Further work which might be undertaken on the prospect could include a dipole - dipole IP survey to determine whether there is any sulphide mineralisation at depth associated with the massive silica body. Alternatively/as well, a 250 - 300 metre deep drill hole could be drilled between 1000N and 1200N at about 550E to try to drill through the massive silica beneath the zone of weathering and into the chlorite-altered volcanics which underlie the large Huminex gold anomaly to the east. The hole would thus test the massive silica below the level of surface weathering effects and would also test the chlorite ± pyrite altered rocks at depth.

No further work at either Viking 19 or Viking 15 would appear to be justified at this stage.

APPENDIX A

Huminex assay results - Dr. Bill Baker, M.R.T.

320026

ANGLO - AUSTRALIAN SOIL RESULTS (Gold)

MRT Reg. No.	Client No.	DOC Rec. (ml)	DOC mg/L	Sample DOC(gm)	AAS/GF Au (ng)	Humic Au (ng)	Sample Au (ppb)	Au : C (ng/g)	Au : C (R'nded)
960900	300N - 300E	47	8.747	0.1093	0.027	23	0.9	210	210
960901	300N - 350E	47	10.569	0.1321	0.024	20	0.8	151	150
960902	300N - 400E	46	10.593	0.1324	0.021	18	0.7	136	140
960903	300N - 450E	47	11.530	0.1441	0.012	10	0.4	69	70
960904	300N - 500E	43	16.087	0.2011	0.102	95	3.8	472	470
960905	300N - 550E	48	8.200	0.1025	0.054	45	1.8	439	440
960906	300N - 600E	41	16.702	0.2088	0.015	15	0.6	72	70
960907	300N - 650E	40	11.713	0.1464	0.057	57	2.3	389	390
960908	300N - 700E	48	15.427	0.1928	0.349	291	11.6	1509	1500
960909	300N - 750E	45	18.459	0.2307	0.018	16	0.6	69	70
960910	300N - 800E	46	17.027	0.2128	0.008	7	0.3	33	30
960911	300N - 850E	45	16.347	0.2043	0.012	11	0.4	54	50
960912	300N - 900E	46	15.453	0.1932	0.038	33	1.3	171	170
960913	400N - 300E	47	14.499	0.1812	0.026	22	0.9	121	120
960914	400N - 350E	47	15.480	0.1935	0.046	39	1.6	202	200
960915	400N - 400E	45	20.503	0.2563	1.365	1213	48.5	4733	4750
960916	400N - 450E	48	21.109	0.2639	0.078	65	2.6	246	250
960917	400N - 500E	48	23.865	0.2983	0.036	30	1.2	101	100
960918	400N - 550E	38	21.702	0.2713	0.020	21	0.8	77	80
960919	400N - 600E	38	17.753	0.2219	0.022	23	0.9	104	100
960920	400N - 650E	41	21.253	0.2657	0.012	12	0.5	45	40
960921	400N - 700E	47	11.736	0.1467	0.001	< 1	< 0.5	< 10	< 10
960922	400N - 750E	50	16.892	0.2112	0.036	29	1.2	137	140
960923	400N - 800E	48	16.356	0.2045	0.045	38	1.5	186	190
960924	400N - 850E	48	19.458	0.2432	0.059	49	2.0	201	200
960925	400N - 900E	46	16.150	0.2019	0.076	66	2.6	327	330
960926	500N - 300E	47	10.166	0.1271	0.079	67	2.7	527	530
960927	500N - 350E	45	12.076	0.1510	0.048	43	1.7	285	290
960928	500N - 400E	43	15.550	0.1944	0.025	23	0.9	118	120
960929	500N - 450E	45	19.941	0.2493	0.001	< 1	< 0.5	< 10	< 10
960930	500N - 500E	46	19.350	0.2419	0.043	37	1.5	153	150
960931	500N - 550E	42	21.744	0.2718	0.027	26	1.0	96	100
960932	500N - 600E	48	14.705	0.1838	0.035	29	1.2	158	160
960933	500N - 650E	43	19.627	0.2453	0.046	43	1.7	175	170
960934	500N - 700E	48	13.592	0.1699	0.119	99	4.0	583	580
960935	500N - 750E	48	17.554	0.2194	0.116	97	3.9	442	440
960936	600N - 300E	46	10.828	0.1354	0.095	83	3.3	613	600
960937	600N - 350E	50	11.032	0.1379	0.047	38	1.5	276	280
960938	600N - 400E	42	10.742	0.1343	0.037	35	1.4	261	260
960939	600N - 450E	48	16.154	0.2019	0.036	30	1.2	149	150
960940	600N - 500E	42	15.783	0.1973	0.038	36	1.4	182	180
960941	600N - 550E	48	20.577	0.2572	0.010	8	0.3	31	30
960942	600N - 600E	43	18.655	0.2332	0.018	17	0.7	73	70
960943	600N - 650E	43	11.161	0.1395	0.025	23	0.9	165	160
960944	600N - 700E	46	14.942	0.1868	0.014	12	0.5	64	60
960945	600N - 750E	49	10.083	0.126	0.016	13	0.5	103	100
960946	600N - 800E	44	10.400	0.13	0.034	31	1.2	238	240
960947	600N - 850E	48	13.317	0.1665	0.045	38	1.5	228	230

220027

MRT Reg. No.	Client No.	DOC Rec. (ml)	DOC mg/L	Sample DOC(gm)	AAS/GF Au (ng)	Humic Au (ng)	Sample Au (ppb)	Au : C (ng/g)	Au : C (R'nded)
960948	600N - 900E	44	17.283	0.216	0.020	18	0.7	83	80
960949	700N - 300E	46	10.217	0.1277	0.020	17	0.7	133	130
960950	700N - 350E	48	5.990	0.0749	0.008	7	0.3	93	90
960951	800N - 350E	47	5.526	0.0691	0.016	14	0.6	203	200
960952	800N - 400E	48	13.572	0.1696	0.017	14	0.6	83	80
960953	800N - 450E	47	6.152	0.0769	0.038	32	1.3	416	420
960954	800N - 500E	41	7.944	0.0993	0.034	33	1.3	332	330
960955	800N - 550E	44	9.838	0.123	0.021	19	0.8	154	150
960956	800N - 600E	44	21.215	0.2652	0.027	25	1.0	94	90
960957	800N - 650E	46	9.500	0.1187	0.073	63	2.5	531	530
960958	800N - 700E	49	19.637	0.2455	0.136	111	4.4	452	450
960959	800N - 750E	47	21.386	0.2673	0.001	<1	< 0.5	<10	<10
960960	800N - 800E	43	19.798	0.2475	0.038	35	1.4	141	140
960961	900N - 550E	45	16.259	0.2032	0.029	26	1.0	128	130
960962	900N - 600E	45	12.716	0.1589	0.028	25	1.0	157	160
960963	900N - 650E	46	7.146	0.0893	0.031	27	1.1	302	300
960964	900N - 700E	46	10.343	0.1293	0.048	42	1.7	325	330
960965	900N - 750E	45	12.398	0.155	0.061	54	2.2	348	350
960966	1000N - 400E	48	13.192	0.1649	0.053	44	1.8	267	270
960967	1000N - 450E	50	12.950	0.1619	0.032	26	1.0	161	160
960968	1000N - 500E	48	14.077	0.176	0.034	28	1.1	159	160
960969	1000N - 550E	45	10.868	0.1358	0.008	7	0.3	52	50
960970	1000N - 600E	44	13.989	0.1749	0.008	7	0.3	40	40
960971	1000N - 650E	50	7.665	0.0958	0.037	30	1.2	313	310
960972	1000N - 700E	42	7.216	0.0902	0.060	57	2.3	632	630
960973	1000N - 750E	42	14.171	0.1771	0.092	88	3.5	497	500
960974	1000N - 800E	43	14.571	0.1821	0.147	137	5.5	752	750
960975	1100N - 450E	46	14.045	0.1756	0.172	150	6.0	854	850
960976	1100N - 500E	44	14.399	0.18	0.107	97	3.9	539	540
960977	1100N - 550E	45	13.153	0.1644	0.055	49	2.0	298	300
960978	1100N - 600E	44	14.406	0.1801	0.055	50	2.0	278	280
960979	1100N - 650E	36	7.464	0.0933	0.001	<1	<0.5	<10	<10
960980	1100N - 700E	45	6.432	0.0804	0.041	36	1.4	448	450
960981	1100N - 750E	45	9.460	0.1182	0.071	63	2.5	533	530
960982	1100N - 800E	47	13.171	0.1646	0.593	505	20.2	3068	3050

APPENDIX B

D'Aguilar South - C-horizon soil assay results - Analabs

D'Aguilar Stn – Soils

Analabs

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

Phone (004) [illegible]	[illegible] St. [illegible]	Fax (004) [illegible]

ANALYTICAL REPORT No. [illegible]

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

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

ORDER No.	PROJECT
RUSSELL F[illegible]	

DATE RECEIVED	RESULTS REQUIRED
17/08/96	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
4	30/08/96	1	96

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
Various	SD Prep : SP031	Cu,Pb,Zn,As/GA140,As/AA140
Various	SD Prep : SP031	Au,AuR?,Au1?,BG30P

RESULTS TO
Russell Fitton
Anglo Australian Resources N.L.
P.O. Box 429
SANDY BAY TAS 7005

RESULTS TO

RESULTS TO

REMARKS

320029

PP M.A. [signature]
AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 501 064

320030

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	101210.80.11912	30/05/96	RUSSELL FULTC	1 OF 4

METHOD	SAMPLE No.		Cu GA140	Pb GA140	Zn GA140	As GA140	As HA140	Au GG309	Au(R) GG309	Au(S) GG309
1	900 N 400	E	6	4	10	<50	0.9	<0.008	-	-
2	900 N 450	E	5	6	14	<50	0.7	<0.008	-	-
3	900 N 500	E	8	67	93	<50	3.7	<0.008	-	-
4	900 N 550	E	3	8	44	<50	0.6	<0.008	-	-
5	900 N 600	E	<2	3	34	<50	<0.5	<0.008	-	-
6	900 N 650	E	<2	<3	17	<50	<0.5	<0.008	-	-
7	900 N 700	E	<2	<3	20	<50	8.0	<0.008	-	-
8	900 N 750	E	3	103	48	<50	3.4	<0.008	-	-
9	900 N 800	E	3	<3	17	<50	1.6	<0.008	-	-
10	800 N 350	E	2	3	5	<50	0.9	<0.008	-	-
11	800 N 400	E	6	<3	44	<50	5.4	<0.008	-	-
12	800 N 450	E	2	3	12	<50	1.5	<0.008	<0.008	-
13	800 N 500	E	2	6	23	<50	1.7	<0.008	-	-
14	800 N 550	E	3	3	15	<50	2.1	<0.008	-	<0.008
15	800 N 600	E	3	<3	12	<50	1.8	<0.008	-	-
16	800 N 650	E	<2	3	17	<50	1.8	<0.008	-	-
17	800 N 700	E	2	4	22	<50	8.0	<0.008	-	-
18	800 N 750	E	9	8	25	<50	1.9	<0.008	-	-
19	800 N 800	E	2	75	46	<50	3.2	<0.008	-	-
20	1100 N 0450	E	<2	<3	6	<50	1.1	<0.008	-	-
21	1100 N 0500	E	2	70	30	<50	1.1	<0.008	-	-
22	1100 N 0550	E	<2	26	23	<50	1.9	<0.008	<0.008	-
23	1100 N 0600	E	3	7	17	<50	1.6	<0.008	-	-
24	1100 N 0650	E	2	6	7	<50	4.1	<0.008	-	-
25	1100 N 0700	E	<2	<3	13	<50	1.8	<0.008	-	<0.008

ppm in ppm unless otherwise specified
- element not determined
IS = insufficient sample
NS = sample not received

AUTHORISED OFFICER pp

Analabs

320031

Analabs Pty. Ltd.
A.C.N. 004 591 684

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	101210.60.11912	30/05/96	RUSSELL FULTO	2 OF 4

	SAMPLE No.	Cu	Pb	Zn	As	As	Au	Au (R)	Au (S)
METHOD		GA140	GA140	GA140	GA140	HA140	GG309	GG309	GG309
1	1100 N 0750 E	6	12	38	<50	4.2	<0.008	-	-
2	1100 N 0800 E	3	13	42	<50	2.5	<0.008	-	-
3	500 N 300 E	<2	<3	9	<50	1.2	<0.008	-	-
4	500 N 350 E	3	<3	6	<50	1.7	<0.008	-	-
5	500 N 400 E	2	6	2	<50	1.5	<0.008	-	-
6	500 N 450 E	6	7	14	<50	2.0	<0.008	-	-
7	500 N 500 E	3	9	6	<50	1.5	<0.008	-	-
8	500 N 550 E	2	6	15	<50	8.4	<0.008	-	-
9	500 N 600 E	<2	<3	13	<50	2.9	<0.008	-	-
10	500 N 650 E	2	<3	8	<50	1.2	<0.008	-	-
11	500 N 700 E	4	27	26	<50	2.5	<0.008	-	-
12	500 N 750 E	4	16	16	<50	1.4	<0.008	<0.008	-
13	700 N 300 E	2	12	<2	<50	0.7	<0.008	-	-
14	700 N 350 E	13	<3	6	<50	1.6	<0.008	-	-
15	700 N 400 E	3	<3	<2	<50	0.6	<0.008	-	-
16	700 N 450 E	7	<3	6	<50	0.9	<0.008	-	-
17	700 N 500 E	2	3	8	<50	0.9	<0.008	-	-
18	700 N 550 E	9	<3	19	<50	11.2	<0.008	-	-
19	700 N 600 E	2	9	24	<50	4.8	<0.008	-	-
20	700 N 650 E	6	5	13	<50	2.6	<0.008	-	-
21	700 N 700 E	2	53	17	<50	1.6	<0.008	-	-
22	700 N 750 E	2	13	23	<50	1.2	<0.008	-	-
23	700 N 800 E	2	57	20	<50	2.3	<0.008	-	-
24	300 N 300 E	3	<3	7	<50	10.2	<0.008	-	-
25	300 N 350 E	3	<3	4	<50	2.2	<0.008	-	-

Results in ppm unless otherwise specified
- = Element not determined

IS = Insufficient sample
NAS = Sample not received

AUTHORISED OFFICER

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	101210.60.11912	30/05/96	RUSSELL FULTO	3 OF 4

ANOO	SAMPLE No.		Cu ppm GA140	Pb ppm GA140	Zn ppm GA140	As ppm GA140	Ag ppm HA140	Au ppb BG309	Au(R) ppb BG309	Au(S) ppb BG309
1	300 N 400	E	2	<3	7	<50	1.9	<0.008	-	-
2	300 N 450	E	3	<3	9	<50	1.5	<0.008	-	-
3	300 N 500	E	2	5	14	<50	1.8	0.035	-	X -
4	300 N 550	E	2	7	16	<50	1.5	0.010	-	X -
5	300 N 600	E	3	4	14	<50	1.7	<0.008	-	-
6	300 N 650	E	2	7	10	<50	1.1	<0.008	-	-
7	300 N 700	E	3	9	10	<50	1.4	<0.008	-	-
8	300 N 750	E	5	24	19	<50	2.6	<0.008	-	-
9	300 N 800	E	3	<3	9	<50	13.8	<0.008	-	-
10	300 N 850	E	3	<3	18	<50	3.2	<0.008	-	<0.008
11	300 N 900	E	3	14	22	<50	1.7	<0.008	-	-
12	400 N 300	E	3	3	7	<50	1.6	<0.008	<0.008	<0.008
13	400 N 350	E	2	9	6	<50	1.0	0.015	-	X -
14	400 N 400	E	46	17	43	78	-	<0.008	-	-
15	400 N 450	E	3	<3	12	<50	7.1	<0.008	-	-
16	400 N 500	E	3	8	24	<50	3.3	<0.008	-	-
17	400 N 550	E	2	<3	15	<50	1.9	<0.008	-	-
18	400 N 600	E	2	7	19	<50	1.6	0.016	-	X -
19	400 N 650	E	2	12	10	<50	7.9	<0.008	-	-
20	400 N 700	E	4	6	19	<50	3.7	<0.008	-	-
21	400 N 750	E	2	59	31	<50	2.5	<0.008	-	-
22	400 N 800	E	3	4	31	<50	2.2	<0.008	<0.008	-
23	400 N 850	E	2	13	46	<50	1.6	0.023	-	X -
24	400 N 900	E	5	73	65	<50	2.5	0.008	-	X -
25	600 N 300	E	4	4	4	69	1.1	<0.008	-	-

results in ppm unless otherwise specified
- Element not determined

(S) = Duplicate sample
analysis pending not received

AUTHORISED

Analabs

320033

Analabs Pty. Ltd.
A.C.N. 004 501 084

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	101210.60.11912	30/05/96	RUSSELL FULTO	4 OF 4

	SAMPLE NO.		Cu	Pb	Zn	As	As	Au	Au(R)	Au(S)
	METHOD		GA140	GA140	GA140	GA140	HA140	GG309	GG30R	GG309
1	600 N 350	E	2	<3	<2	<50	1.0	<0.008	-	-
2	600 N 400	E	3	5	7	<50	1.2	<0.008	-	-
3	600 N 450	E	2	<3	10	<50	1.3	<0.008	-	-
4	600 N 500	E	<2	3	18	<50	9.7	<0.008	-	-
5	600 N 550	E	2	<3	11	<50	3.4	<0.008	-	-
6	600 N 600	E	4	6	22	<50	2.0	0.037	-	X -
7	600 N 650	E	2	4	10	<50	1.6	<0.008	-	-
8	600 N 700	E	4	23	26	<50	2.2	<0.008	-	-
9	600 N 750	E	3	7	20	<50	1.9	<0.008	-	-
10	600 N 800	E	13	20	30	<50	3.2	<0.008	-	-
11	600 N 850	E	3	<3	12	<50	4.0	<0.008	-	-
12	600 N 900	E	7	<3	10	<50	2.0	<0.008	-	-
13	1000 N 0400	E	2	<3	4	<50	4.4	<0.008	-	-
14	1000 N 0450	E	3	<3	18	<50	4.8	<0.008	-	-
15	1000 N 0500	E	<2	<3	23	<50	1.1	<0.008	-	-
16	1000 N 0550	E	2	<3	21	<50	1.0	<0.008	-	-
17	1000 N 0600	E	2	4	30	<50	6.4	<0.008	-	-
18	1000 N 0650	E	3	7	16	<50	1.3	0.021	-	X -
19	1000 N 0700	E	2	<3	19	<50	<0.5	<0.008	-	-
20	1000 N 0750	E	7	63	21	<50	<0.5	<0.008	-	-
21	1000 N 0800	E	3	6	16	<50	<0.5	<0.008	-	-
22										
23										
24	DETECTION		2	3	2	50	0.5	0.008	0.008	0.008
25	UNITS		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Units in ppm Unless otherwise specified
- = element not determined

* = insufficient sample
Sample received

AUTHORISED

Analabs **************************** D'Aguilar Sth Soils - low level Au

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

320034

Phone (004) 316837 | 14 Thirkell St. COOEE TAS 7320 | Fax (004) 318890

ANALYTICAL REPORT No. 101210.60.12036

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

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

ORDER No.	PROJECT
RUSSELL FULT	

DATE RECEIVED	RESULTS REQUIRED
27/06/96	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
4	17/07/96	1	96

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
Various	PU Prep :	Au/66326

RESULTS TO
Russell Fulton
Anglo Australian Resources N.L.
P.O. Box 429
SANDY BAY TAS 7005

RESULTS TO

RESULTS TO

REMARKS

AUTHORISED OFFICER

Analabs

320035

Analabs Pty. Ltd.
A.C.N. 004 591 654

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	101210.60.12036	17/07/96	RUSSELL FULTO	1 OF 4

ORDER	SAMPLE No.		Au							
			03324							
1	900 N 400	E	<0.001							
2	900 N 450	E	<0.001							
3	900 N 500	E	<0.001							
4	900 N 550	E	0.001							
5	900 N 600	E	<0.001							
6	900 N 650	E	<0.001							
7	900 N 700	E	<0.001							
8	900 N 750	E	<0.001							
9	900 N 800	E	0.003							
10	800 N 350	E	<0.001							
11	800 N 400	E	<0.001							
12	800 N 450	E	0.001							
13	800 N 500	E	0.001							
14	800 N 550	E	<0.001							
15	800 N 600	E	<0.001							
16	800 N 650	E	<0.001							
17	800 N 700	E	<0.001							
18	800 N 750	E	<0.001							
19	800 N 800	E	<0.001							
20	1100 N 0450	E	<0.001							
21	1100 N 0500	E	<0.001							
22	1100 N 0550	E	0.006							
23	1100 N 0600	E	0.002							
24	1100 N 0650	E	<0.001							
25	1100 N 0700	E	0.016							

AUTHORISED

Analabs

320036

Analabs Pty. Ltd.
A.C.N. 004 581 864

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	101210.60.12036	17/07/96	RUSSELL FULTO	2 OF 4

	SAMPLE No.	Au								
METHOD		6B32a								
1	1100 N 0750 E	0.001								
2	1100 N 0800 E	0.001								
3	500 N 300 E	<0.001								
4	500 N 350 E	<0.001								
5	500 N 400 E	0.001								
6	500 N 450 E	0.001								
7	500 N 500 E	<0.001								
8	500 N 550 E	<0.001								
9	500 N 600 E	<0.001								
10	500 N 650 E	0.010								
11	500 N 700 E	0.001								
12	500 N 750 E	0.001								
13	700 N 300 E	<0.001								
14	700 N 350 E	<0.001								
15	700 N 400 E	0.002								
16	700 N 450 E	0.004								
17	700 N 500 E	0.002								
18	700 N 550 E	0.002								
19	700 N 600 E	0.003								
20	700 N 650 E	0.001								
21	700 N 700 E	0.001								
22	700 N 750 E	0.001								
23	700 N 800 E	0.002								
24	300 N 300E	0.001								
25	300 N 350E	0.002								

IS = Insufficient sample

ALL UNDERSIGNED

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320037

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	101210.60.12036	17/07/96	RUSSELL FULTO	3 OF 4

	SAMPLE No.	Au
METHOD		GE324
1	300 N 400E	0.002
2	300 N 450E	0.002
3	300 N 500E	0.002
4	300 N 550E	0.004
5	300 N 600E	<0.001
6	300 N 650E	<0.001
7	300 N 700E	<0.001
8	300 N 750E	<0.001
9	300 N 800E	<0.001
10	300 N 850E	<0.001
11	300 N 900E	<0.001
12	400 N 300 E	<0.001
13	400 N 350 E	<0.001
14	400 N 400 E	<0.001
15	400 N 450 E	<0.001
16	400 N 500 E	<0.001
17	400 N 550 E	0.008
18	400 N 600 E	<0.001
19	400 N 650 E	<0.001
20	400 N 700 E	<0.001
21	400 N 750 E	0.001
22	400 N 800 E	<0.001
23	400 N 850 E	0.025
24	400 N 900 E	0.001
25	600 N 300 E	0.004

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	101210.60.12036	17/07/96	RUSSELL FULTO	4 OF 4

	SAMPLE No.		Au
			GG326
1	600 N 350	E	0.001
2	600 N 400	E	0.001
3	600 N 450	E	0.012
4	600 N 500	E	<0.001
5	600 N 550	E	<0.001
6	600 N 600	E	0.080
7	600 N 650	E	0.003
8	600 N 700	E	0.001
9	600 N 750	E	<0.001
10	600 N 800	E	0.003
11	600 N 850	E	0.004
12	600 N 900	E	0.001
13	1000 N 0400	E	0.002
14	1000 N 0450	E	0.001
15	1000 N 0500	E	<0.001
16	1000 N 0550	E	<0.001
17	1000 N 0600	E	0.001
18	1000 N 0650	E	0.001
19	1000 N 0700	E	<0.001
20	1000 N 0750	E	0.001
21	1000 N 0800	E	0.013
22			
23			
24	DETECTION		0.001
25	UNITS		ppm

unless otherwise specified IS = insufficient sample

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APPENDIX C

Viking 15 - C-horizon soil results - Analabs

Analabs

320040

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A.C.N. 004 591 064

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ANALYTICAL REPORT No. 101210.60.12060

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

INVOICE TO:

Anglo Australian Resources N.L.
Level 1/44 Ord Street
WEST PERTH WA 6005

ORDER No.	PROJECT
RUSSELL FULT	

DATE RECEIVED	RESULTS REQUIRED
04/07/96	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
1	23/07/96	1	21

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
<BAG1W & others	SO Prep : GP031	Cu,Pb,Zn,As/GA140,As/HA140
<BAG1W & others	SO Prep : GP031	Au,Au(R)/GG309

RESULTS TO

Russell Fulton
Anglo Australian Resources N.L.
P.O. Box 429
SANDY BAY TAS 7005

REMARKS

RESULTS TO

RESULTS TO

pp M.C. Grant
AUTHORISED OFFICER

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	101210.60.12060	23/07/96	RUSSELL FULTO	1 OF 1

	SAMPLE No.		Au	Cu	Pb	Zn	As	Ag	Au(R)	
METHOD			GG309	GA140	GA140	GA140	GA140	HA140	GG309	
1	BAG1W 893		<0.008	24	73	129	<50	23.1	-	
2	BAG1W 918		<0.008	16	67	199	<50	11.4	-	
3	BAG1W 943		<0.008	7	18	28	<50	<0.5	-	
4	BAG1W 966		<0.008	10	39	77	<50	<0.5	-	
5	BAG1W 1000		<0.008	14	68	93	<50	<0.5	-	
6	BAG1W 1033		<0.008	17	37	56	<50	6.9	<0.008	
7	BAG1W 1066		<0.008	13	40	199	<50	2.4	-	
8	BAG1W 1100		<0.008	12	43	59	<50	2.6	-	
9	BAG1W 1139		0.025	9	47	58	<50	2.3	-	
10	BAG1W 1139-2		<0.008	18	76	177	<50	5.0	-	
11	BAG1W 1172		0.013	10	36	43	<50	1.4	-	
12	BAG1W 1217		<0.008	10	9	50	<50	1.3	-	
13	BAG1W 1252-85		<0.008	8	13	16	<50	0.7	-	
14	BAG2W 693		0.079	6	8	18	<50	0.7	-	
15	BAG2W 718		<0.008	5	8	20	<50	0.6	-	
16	BAG2W 743		<0.008	7	7	20	<50	4.0	-	
17	BAG2W 768		<0.008	5	14	40	<50	1.1	-	
18	BAG2W 793		<0.008	19	36	45	<50	46.9	-	
19	BAG2W 818		<0.008	6	13	27	<50	3.6	-	
20	BAG2W 843		<0.008	5	74	80	<50	35.0	-	
21	BAG2W 868		<0.008	7	56	69	<50	15.0	<0.008	
22										
23										
24	DETECTION		0.008	2	3	2	50	0.5	0.008	
25	UNITS		ppm	ppm	ppm	ppm	ppm	ppm	ppm	

Results in ppm (unless otherwise specified)
- element not determined

IS = insufficient sample
SNR = sample not received

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APPENDIX D

D'Aguilar South and Viking 19 - Rock chip sample results - Analabs

D'Aguilar Stk - Cocker

Analabs

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

320043

Phone (004) 316537

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Fax (004) 316390

ANALYTICAL REPORT No. 101210.60.11922

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

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

ORDER No.	PROJECT
RUSSELL FULT	

DATE RECEIVED	RESULTS REQUIRED
21/05/96	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
2	30/04/96	1	44

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
BAG1R ,1/21,BAG2R & others	RO Prep : GP033	Cu,Pb,Zn,As/GA140,As/HA140
2PG1R ,1/21,BAG2R & others	RO Prep : GP033	Au,Au(R),Au(S)/GG309

REMARKS

RESULTS TO
Russell Fulton
Anglo Australian Resources N.L.
P.O. Box 479
SANDY BAY TAS 7005

RESULTS TO

RESULTS TO

PP M.G. Good
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320044

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	101210.60.11922	30/05/96	RUSSELL RULTO	1 OF 3

	SAMPLE No.		Au	Au(R)	Au(S)	Cu	Pb	Zn	As	As
METHOD			GG309	GG309	GG309	GA140	GA140	GA140	GA140	HA140
1	BAG1R 1		<0.008	-	-	5	20	21	<50	4.3
2	BAG1R 2		<0.008	-	-	2	<3	15	<50	3.9
3	BAG1R 3		<0.008	-	-	4	5	23	<50	7.3
4	BAG1R 4		<0.008	-	-	4	7	8	<50	1.9
5	BAG1R 5		<0.008	-	-	3	<3	13	<50	1.4
6	BAG1R 6		<0.008	-	-	3	9	88	<50	9.1
7	BAG1R 7		<0.008	-	-	6	93	114	<50	31.2
8	BAG1R 8		<0.008	-	-	8	16	59	<50	33.8
9	BAG1R 9	x	0.017	-	-	6	75	80	<50	33.7
10	BAG1R 10		<0.008	-	-	3	6	31	<50	5.3
11	BAG1R 11		<0.008	-	-	3	21	28	<50	7.9
12	BAG1R 12		<0.008	<0.008	-	5	11	27	<50	4.4
13	BAG1R 13		<0.008	-	-	3	4	5	<50	1.7
14	BAG1R 14		<0.008	-	-	2	14	<2	<50	4.2
15	BAG1R 15	check	<0.008	-	-	3	<3	<2	<50	2.7
16	BAG1R 16	check	<0.008	-	-	4	3	12	<50	9.6
17	BAG1R 17		<0.008	<0.008	<0.008	2	13	18	<50	5.8
18	BAG1R 18	check	<0.008	-	-	<2	6	<2	<50	1.2
19	BAG1R 19	x check	0.125	-	-	5	4	<2	<50	2.0
20	BAG1R 20		<0.008	-	-	2	<3	17	<50	1.1
21	BAG1R 21		<0.008	-	-	2	5	24	<50	1.5
22	BAG2R 21A	check	<0.008	<0.008	-	9	5	5	<50	33.8
23	BAG2R 22		<0.008	-	-	3	8	26	<50	6.4
24	BAG2R 23	x	0.048	-	-	4	4	5	<50	14.6
25	BAG2R 24	Check	<0.008	-	-	3	<3	2	<50	5.8

dis = results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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320045

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	101210.60.11922	30/05/96	RUSSELL FULTO	2 OF 2

	SAMPLE No.		Au	Au(R)	Au(S)	Cu	Pb	Zn	As	As
	METHOD		GG309	GG309	GG309	GA140	GA140	GA140	GA140	FHA140
1	BAG2R 25		<0.008	-	-	3	<3	12	<50	10.1
2	BAG2R 26		<0.008	-	-	<2	<3	3	<50	3.8
3	BAG2R 27		<0.008	-	-	3	<3	26	<50	3.6
4	BAG2R 28		<0.008	-	-	4	<3	26	<50	1.0
5	BAG2R 28A		<0.008	-	-	5	14	35	<50	4.4
6	BAG2R 29		<0.008	-	-	6	3	88	<50	10.3
7	BAG2R 30		<0.008	-	-	9	15	48	<50	4.6
8	BAG2R 31		<0.008	-	-	7	<3	88	<50	3.8
9	BAG2R 32		<0.008	-	-	3	<3	83	<50	9.4
10	BAG2R 33		<0.008	-	-	19	<3	32	<50	6.0
11	BAG2R 34		<0.008	-	-	19	199	70	<50	10.4
12	BAG2R 35		<0.008	-	-	3	5	25	<50	3.7
13	BAG2R 36	check	<0.008	-	-	3	<3	10	<50	1.5
14	BAG2V 19-1		<0.008	-	-	2	<3	57	<50	3.2
15	BAG2V 19-2		<0.008	-	-	3	<3	75	<50	1.1
16	BAG2V 19-3		<0.008	-	-	2	<3	21	<50	1.2
17	BAG2V 19-4		<0.008	-	-	12	4	37	<50	3.9
18	BAG2V 19-4A		<0.008	-	-	5	<3	22	<50	7.9
19	BAG2V 19-5		<0.008	-	-	6	<3	20	<50	3.1
20										
21										
22										
23										
24	DETECTION		0.008	0.008	0.008	2	3	2	50	0.5
25	UNITS		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm

All fire in ppm unless otherwise specified
< = element not determined

IS = insufficient sample
SNR = sample not received

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320046

ANALYTICAL REPORT No. AN0201.60.12366

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

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

ORDER No.	PROJECT
101220.60.12	R. FULTON

DATE RECEIVED	RESULTS REQUIRED
16/10/96	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
1	31/10/96	1	8

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
R1,R2,R4,R15,R17,R23,R32,R36	PU Prep ;	Ti,Zr/GX401

REMARKS

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

RESULTS TO:

RESULTS TO:

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320047

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	ANG201.60.12366	31/10/96	101210.60.119	1 OF 1

METHOD	SAMPLE No.	Ti GX401	Zr GX401							
1	R1	980	205							
2	R2	805	142							
3	R4	830	146							
4	R15	65	49							
5	R17	965	175							
6	R23	920	147							
7	R32	1610	171							
8	R36	325	93							
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	50	5							
25	UNITS	ppm	ppm							

results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
NR = sample not received

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APPENDIX E

Thin section descriptions - Dr. Tony Crawford, University of Tasmania

SAMPLE NUMBER: ANGLO-AUSTR. MT THIRKELL R1
SUMMARY DESCRIPTION:

This rock is a moderately hydrothermally altered, poorly sorted, matrix-supported volcaniclastic sandstone derived almost entirely from quartz-phyric glassy felsic lavas and pyroclastics. The dominant framework component is angular quartz phenocryst fragments, mostly 0.4-2mm across and making up approximately 40-50 modal% of the rock. Some quartz crystal fragments contain devitrified melt inclusions, and occasional subhedral quartz crystals are still set in devitrified glassy rhyolitic host lithic fragments/clasts. Microshear zones are common in this rock, and quartz within such shears is broken, often disaggregated, and shows subgrain recrystallization. The remainder of the rock consists of small angular to subrounded lithic clasts that are mainly devitrified formerly glassy felsic rocks, and a matrix of altered and recrystallized vitric ash. The latter shows quite well developed sericite-quartz alteration and a weak foliation, small patches of silicification, and is Fe-stained in more weathered areas of the section. Small disseminated and often oxidized pyrite euhedra are not uncommon in some zones of silicification of matrix, but are volumetrically insignificant.

SAMPLE NUMBER: ANGLO-AUSTR. MT THIRKELL R2
SUMMARY DESCRIPTION:

This rock is a quartz+plagioclase+biotite-phyric formerly glassy felsic lava with a weak banding due to a combination of variable devitrification and sericite alteration. Quartz phenocrysts to 3mm across but mainly much smaller make up about 20 modal% of this rock, and are mainly subhedral crystals with strong marginal reaction with the silica-rich groundmass. Most quartz phenocrysts are also moderately internally deformed, with strain lamellae and zones of subgrain recrystallization. Plagioclase occurs as euhedral phenocrysts that are only slightly less abundant than quartz phenocrysts, are similar sized, and are entirely albitized. They entirely lack sericite alteration. Biotite phenocrysts make up probably 1-2 modal% of this rock, and occur as totally altered small (<1mm long) euhedral crystals now composed of very fine-grained sericite and abundant magnetite dust. The groundmass of this sample was undoubtedly originally glassy, and is now represented by a variety of textural styles. Where least altered, the groundmass is a mosaic quartz-albite intergrowth that is more mottled, recrystallized and sericitic in the greenish bands in the hand specimen. A pervasive fine-grained sericite alteration is present, but not intensely developed. A few small zircon crystals are also present.

SAMPLE NUMBER: ANGLO-AUSTR. MT THIRKELL R4

SUMMARY DESCRIPTION:

This rock is a quartz+plagioclase+biotite-phyric formerly glassy felsic lava very similar to the preceding sample in most respects. Quartz occurs as well-formed but often strained crystals to several mm across, some with large rounded, devitrified melt inclusions. Plagioclase occurs as blocky prismatic albitized phenocrysts largley devoid of sericite alteration. The major difference between this sample and the previous one is that altered biotite is modally much less abundant in this rock than R2, although it shows the same alteration style. The groundmass of this sample was also definitely originally glassy. It has devitrified, then crystallized to a fairly fine-grained but heterogeneous quartzo-feldspathic intergrowth in which patches and streaks of more coarse-grained quartzo-feldspathic intergrowths occur irregularly. Fine-grained sericite alteration is pervasive in the groundmass of this sample as a dispersed mesh that is sometimes Fe-stained and yellowish. I would say that this sample is derived from the same lithostratigraphic unit as sample G2. Although it has suffered weak quartz-sericite hydrothermal alteration, it shows slightly less hydrothermal alteration than G2.

SAMPLE NUMBER: ANGLO-AUSTR. MT THIRKELL R15

SUMMARY DESCRIPTION:

This sample is quartzose breccia composed entirely of quartz and a very small amount of fine-grained magnetite or hematite; it shows no preserved textural or mineralogical evidence of the nature of any protolith, if indeed it was derived by alteration of a pre-existing lithology. The rock consists entirely of angular domains of intimately intergrown 0.1-0.5mm sized quartz grains rarely showing any preferred orientation. The brecciated texture of the sample is seen in thin section by sudden changes in grainsize of the quartzose intergrowths across sharp divides usually marked by an abundance of very fine-grained opaques. Other bands of similar opaques have a more stylolitic appearance, suggesting that both the sharp fault and microshear traces and the stylolitic bands mark zones of significant volume loss and concentration of insoluble material. The absence of small zircons in this insoluble component is the only firm(?) evidence that this rock may not be a replacement of another rock, but rather, it may be a late hydrothermal quartz filling along a large fault; brittle crack and seal brecciation in the quartz body as represented by this section is abundant.

SAMPLE NUMBER: ANGLO-AUSTR. MT THIRKELL R17

SUMMARY DESCRIPTION:

This rock is a a moderately quartz+plagioclase-phyric formerly glassy felsic lava with common areas in which curved perlitic fractures are still preserved in the groundmass. Quartz phenocryst make up about 15 modl% of this sample, and occur as subhedral to rather rounded and resorbed crystals to 4mm long, often with devitrified melt inclusions. Many quartz crystals show strain lamellae, fracturing and slight disaggregation. Albitized plagioclase phenocrysts are probably slightly more abundant than quartz phenocrysts, but are usually smaller (1-2mm) and slightly to strongly overprinted by very fine-grained sericite. A few totally altered former biotite phenocrysts are replaced by sericite and abundant opaques 'dust'. The groundmass of this sample is now composed of a perlitically cracked formerly glassy intergrowth of quartz and albite, and in places spherulitic textures are very well preserved. A mesh of fine-grained sericite pervades the rock but is not intensely developed. Quartz veinlets 1-2mm wide transect the rock, and a very dispersed network of hairline quartz veinlets is also present, although none of the veining carries pyrite.

SAMPLE NUMBER: ANGLO-AUSTR. MT THIRKELL R23

SUMMARY DESCRIPTION:

This rock is a quartz+plagioclase+biotite-phyric felsic lava very similar to the preeding sample in many respects. It contains about 12-15 modal% of large (to 5mm across) euhedral to slightly resorbed quartz phenocrysts, many of which are strained and partly disaggregated, and most of which show strain lamellae. Blocky prismatic albite phenocrysts are less abundant than quartz, and mainly <2mm long. They show weak to moderate sericite alteration. Rare biotite phenocrysts are replaced by sericite and very fine-grained opaques. The groundmass of this sample was probably formerly glassy. It now consists of a texturally heterogneous quartzo-feldspathic intergrowth with common small elongate blades of hematite that are probably altered to limonite or goethite. Narrow veins composed of intergrown quartz and albite are common, and a few patches of stronger groundmass alteration have clearly had rhombic calcite crystals dissolved out during weathering of this sample.

SAMPLE NUMBER: ANGLO-AUSTR. MT THIRKELL R32

SUMMARY DESCRIPTION:

This rock is an intensely chlorite-altered volcaniclastic in which the strong alteration and moderate foliation development make it difficult to determine whether the protolith was a sandstone or a crystal vitric tuff. The dominant framework component of this sample is angular and broken euhedral to subhedral quartz crystals from <0.1 to 3mm across, most of which are strained, fractured and partly disaggregated. The only other framework component identifiable consists of occasional altered, lithic clasts that were probably devitrified formerly glassy felsic lava fragments or clasts. These are invariably heavily sericitized and some appear to have been stretched into the foliation. Much of the rock consists of small broken pieces of what was probably originally quartzo-feldspathic material replacing felsic glass; in these areas, only quartz is now left, and an earlier sericite mesh is intensely overprinted by green chlorite alteration. This was probably a volcaniclastic sandstone derived from lavas similar to those described above, with a high vitric ash component in the groundmass. The alteration in this sample, however, is marked ly different from that affecting the foregoing samples in that the pervasive sericite (± silica to varying extents) alteration has been overprinted by strong chlorite alteration, albeit lacking any accompanying mineralization in this thin section.

SAMPLE NUMBER: ANGLO-AUSTR. MT THIRKELL R36

SUMMARY DESCRIPTION:

In hand specimen this is a brecciated quartzose rock in which fragments vary from clear or milky quartzite-like rock through to deep red presumably strongly hematitic quartzose material. In thin section this rock is essentially the same as sample R15, being a quartzose intergrowth of small intimately sutured quartz grains, with little textural evidence left to indicate the nature of any protolith. In places, the quartz intergrowths show a pronounced preferred orinetation, and a few 'porphyroblasts' of rather deformed quartz may well be former quartz phenocrysts. Stylolitic partings are defined by concentrations of very fine-grained opaques and possibly some sericite, the latter probably deriving from fluid ingress along fractures and partings. As for sample R15, this rock has undergone repeated cracking and resealing by silica-rich solutions. It lacks any sign of mineralization