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LAKE MARGARET EL 5/85
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Technical Progress Report
for the period
October 1994 - September 1995

Volume 1 of 4
Text and Appendices I-II

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partment of Mines - Hobart **(3/4)**
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LAKE MARGARET EL 5/85 TECHNICAL
PROGRESS REPORT 1994-95 - ABERFOYLE -
LEWIS, R.

762002

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1. SUMMARY

The Newton Creek Prospect of EL5/85 Lake Margaret is part of a Cambrian intermediate to felsic volcano-sedimentary basin south of the Henty Fault. Work during the 1994-1995 exploration programme comprised 413m of bedrock 'wacker' drilling, gold geochemistry on existing soil pulps/drill core and four diamond drillholes NC1-4, for a total of 3119m. The main results of this work are as follows:

- NC1 intersected 25m of strong syn-genetic pyrite alteration in Lower Tyndall Group breccias within the Tyndall Creek Fault Zone down dip of surface Ba-sulphide mineralisation. A thin siltstone horizon immediately overlying the alteration assayed 1m @ 0.214ppm Au.
- NC2 and NC3 did not intersect the target position owing to structural complications but further clarified the Cambrian stratigraphy and fault geometry inferred from earlier work.
- NC4 intersected disseminated sphalerite/galena mineralisation at the basal Lower Tyndall Group position down dip from Zn anomalous pyritic footwall alteration in HA8. Assay results received to date returned 6.15m @ 1276ppm Pb, 1646ppm Zn, 11ppm Ag and 165ppm As.
- Wacker sampling of the Newton Creek Grid delineated the northern strike extension of the Howards Tuff haematite alteration and confirmed volcanic facies variation in Tyndall Group units across the Tyndall Mine Fault. Assay results indicate an area of anomalous Zn geochemistry stratigraphically below the Jasper Point ironstone horizon.

A major review of exploration in the Newton Creek area was completed: despite the deep drilling and down-hole EM to date, potential remains for economic base metal mineralisation below surface EM range. A programme of gold geochemistry is in progress and two further diamond drill holes are planned for a total of 1600m.

2. INTRODUCTION

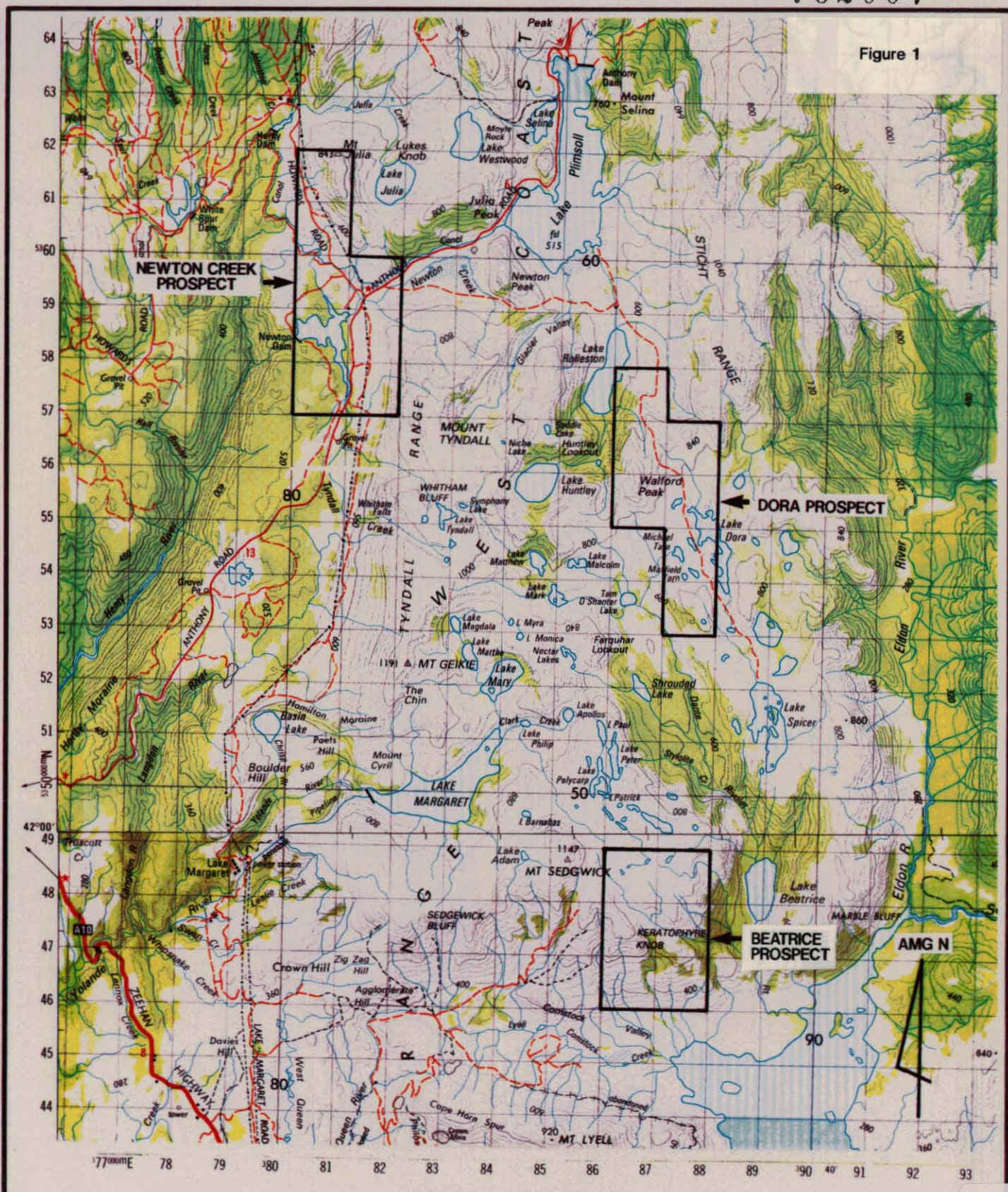
Exploration Licence 5/85 Lake Margaret was granted to CRA Exploration Pty. Ltd. (CRAE) on the 20th October 1985. From the 28th April 1988 exploration has been conducted by Aberfoyle Resources Limited under the terms of the Mount Read Volcanic joint venture with CRAE. The licence area was reduced from 145 to 75 square kilometers in October 1990 (Noonan 1990). A further 52 square kilometers was relinquished in November 1993 (Sharpe 1993b).

The present 21 square kilometers of EL 5/85 comprises 3 separate prospect areas: Newton Creek, Dora and Beatrice (Fig.1).

The following report documents exploration on the Newton Creek Prospect of EL 5/85 Lake Margaret for the period October 1994 to September 1995 (Fig.2).

762007

Figure 1



Aberfoyle Resources Limited

EXPLORATION DIVISION

REVISIONS			
Init.	Date	Init.	Date

WESTERN TASMANIA

E.L.5/85 LAKE MARGARET

LOCALITY PLAN

Compiled :	RdeB
Drawn :	RdeB
Traced :	
Checked :	RHL
Location Code :	
Scale :	1:100000
Date :	September 94
Plate No. :	LMARG13

5 cm

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EL5/85 LAKE MARGARET - NEWTON CREEK PROSPECT
WORK COMPLETED 1994/95

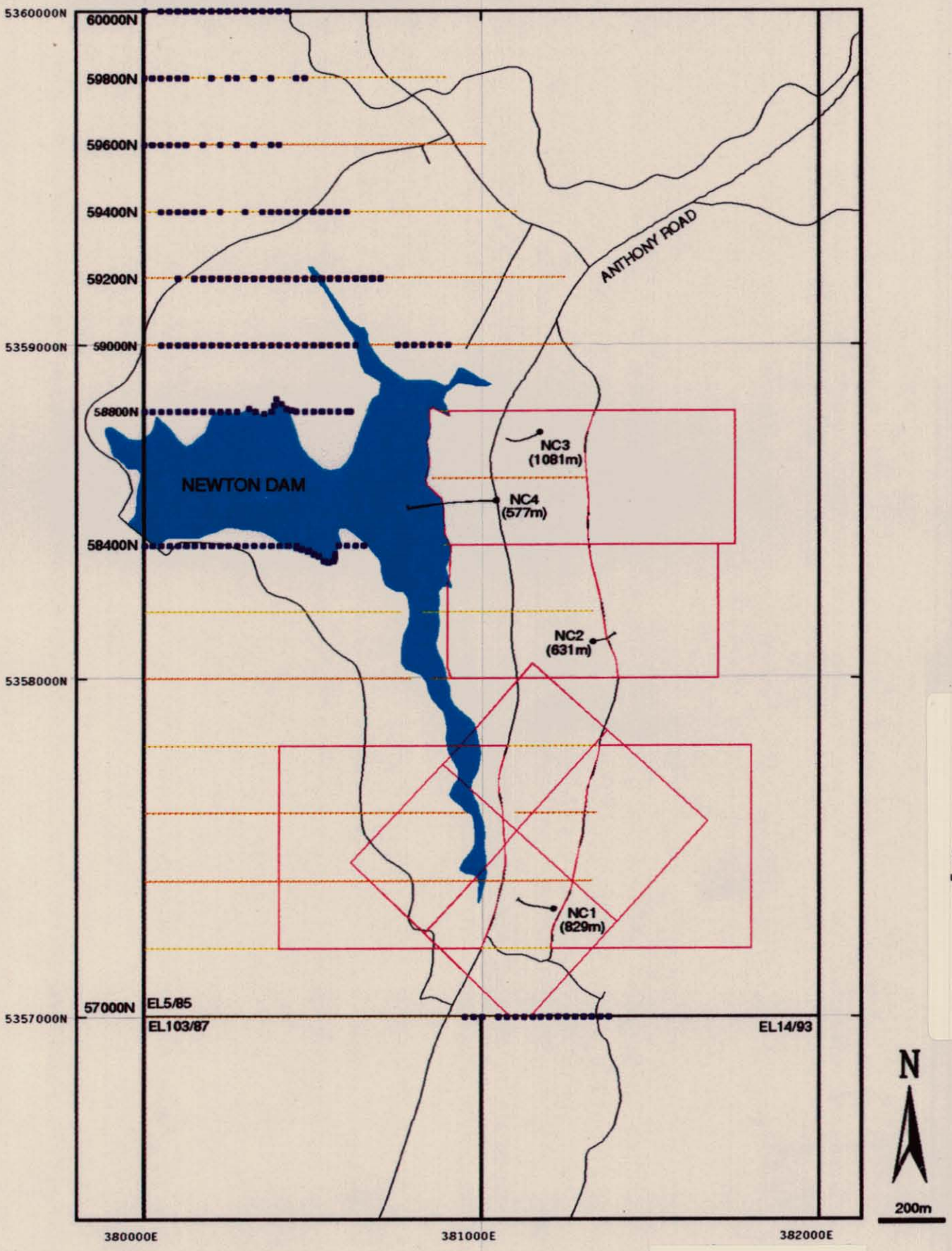

Figure 2

PLATE: C_LMG9
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rhl 04/09/1995

EL5/85 LAKE MARGARET - NEWTON CREEK PROSPECT
SUMMARY GEOLOGY

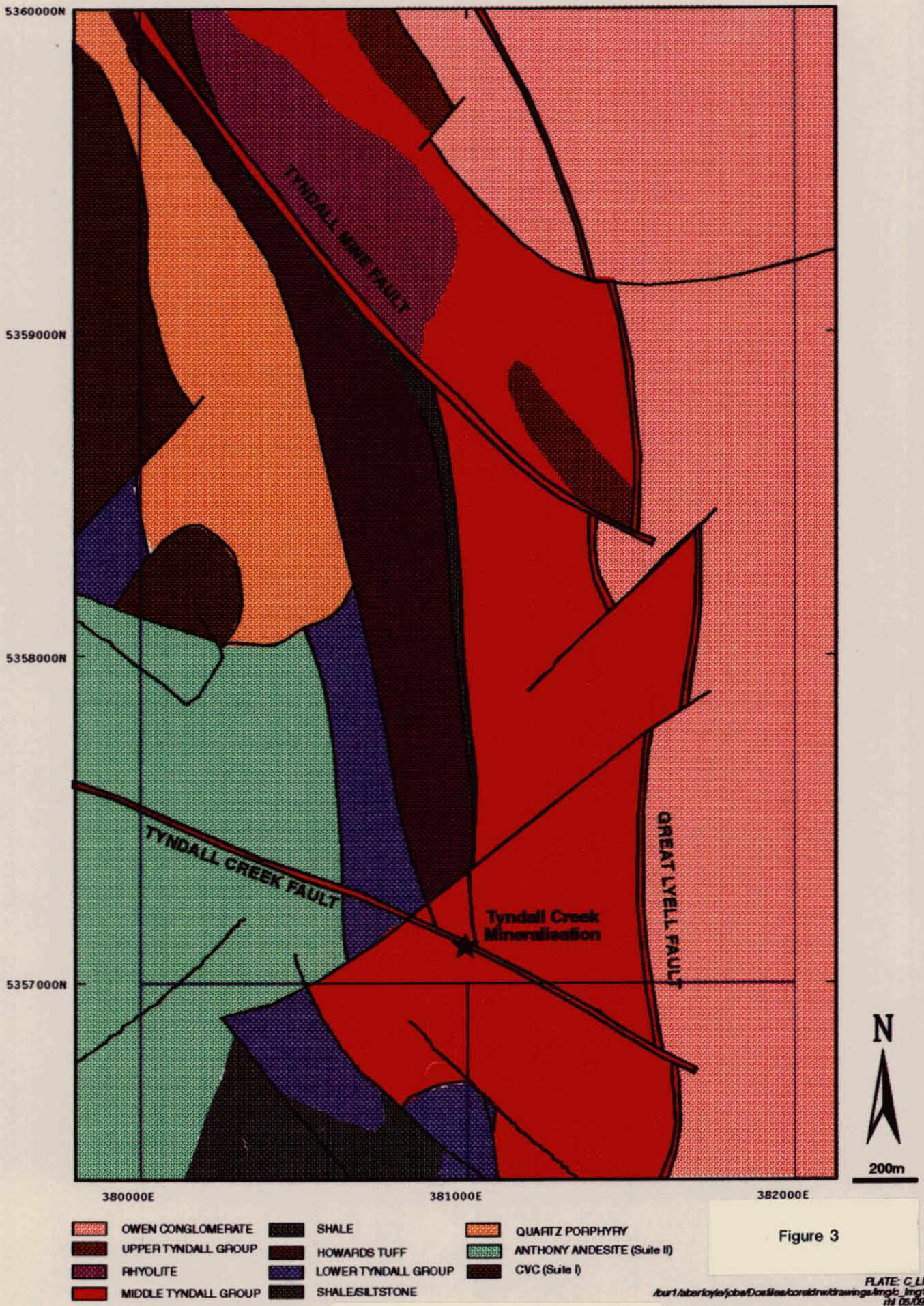

Figure 3

PLATE: C_LMG10
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mt 05/09/1995

5 cm

3. NEWTON CREEK PROSPECT

3.1 INTRODUCTION

The Newton Creek Prospect is an 8 square kilometer area including the Newton Dam Spillway, Howards Anomaly and Tyndall Creek. It forms the northern part of the Anthony Basin - a major felsic to intermediate volcano-sedimentary basin south of the Henty Fault.

The 1993-1994 programme (Lewis 1994) focused on delineation of the Tyndall Creek barite-sulfide mineralisation discovered in 1992-3 and comprised 5 short diamond drill holes (TC1-5) with follow-up petrology and geochemistry, gridding (Tyndall Creek Grid), wacker drilling, IP and EM surveys. A significant result during this period was the diamond drill intersection of near ore grade and width mineralisation at Tyndall Creek;

viz. 2.1m at 0.2% Cu, **5.4% Pb, 7.8% Zn, 256g/t Ag** and 0.7g/t Au

A number of deep conceptual structural-stratigraphic targets were developed from this work and drill tested during the 1994-5 season. Extensive bedrock wacker drilling was completed to clarify surface geology and further delineate base metal anomalism within the Newton Creek alteration system.

3.2 PREVIOUS EXPLORATION

Previous exploration by Goldfields and CRAE in this area has focused on the chlorite-hematite-carbonate alteration and silver mineralisation at Howards Anomaly (Fitzgerald 1987).

Discovery of high grade massive sulfide boulders in a dacitic breccia at the Newton Spillway has led to a renewed interest in the prospect. Aberfoyles focus has been on developing an integrated geological-structural understanding of the area through detailed mapping, bedrock wacker sampling, geomagnetic interpretation and diamond drilling (Richardson 1991, Sharpe 1992, Sharpe 1993a, Lewis 1994).

Previous exploration in the period 1966-94 is detailed below (adapted from Fitzgerald 1987).

Years	EL	Company	Work	Details	Reference
1966-67	EL9/66	Goldfields	Access: Geology: Geophysics:	Bradshaw's Road extension, gridding (East Tyndall) mapping reconnaissance dipole-dipole IP (McPhar)	Elms 1967
1967-68	EL9/66	Goldfields	Access: Geology: Geophysics:	infill gridding (East Tyndall) mapping detailed dipole-dipole IP (McPhar) ⟹ 5 anomalies	Newnham 1968

			Geochemistry:	stream, soil, rock chip	
1968-69	EL9/66	Goldfields	Access: Geology: Geophysics: Geochemistry:	gridding (Howards Anomaly) costeaning IP/geochem. anomalies fluxgate magnetics ⇒ 3 main anomalies limited detailed soil	Newnham 1969
1969-70	EL9/66	Goldfields	Access: Geophysics:	gridding (Newton Creek) vertical field magnetics	Newnham 1970
1970-71	EL9/66	Goldfields	Drilling:	HA1 (137m) abandoned HA2 (259m) ⇒ max 12.6m @ 8.8% FeS_2, 0.05% Cu & 18m @ 5.3% FeS_2, 0.1% Cu	McKibben 1971
1971-72	EL9/66	Goldfields	No work in this period		
1972-73	EL9/66	Goldfields	Geology: Geophysics:	mapping mercury vapor soil test	Wells 1973
1973-74	EL9/66	Goldfields	No work in this period		
1974-75	EL9/66	Goldfields	Access: Geology: Geophysics: Geochemistry: Drilling:	grading, recleared and infilled detailed mapping gradient array IP, proton magnetics (Scintrex) ⇒ 7 major anomalies detailed soil HA3 (244m) ⇒ narrow pyritic black shale	Stevens-Hoare 1975
1975-78	EL9/66	Goldfields	No work in this period		
1978-79	EL9/66	Goldfields	Access: Geology: Geophysics: Geochemistry:	re-establish grids data review, mapping Tyndall Mine aeromagnetic survey (Geoex) soil/rock sampling Tyndall Mine ⇒ anomalous Pb > Zn	Reid, Meares, Walter, Hutton & Drake 1979
1979-80	EL9/66	Goldfields	Access: Geology: Geophysics: Geochemistry: Drilling:	re-clearing and infill gridding detailed mapping, pits dug over soil anomalies, petrology (rock, HA4) gradient array IP, follow-up pole-dipole IP (Scintrex) ⇒ 14 main anomalies, limited detailed total field magnetics detailed soil sampling ⇒ max 1.0% Zn, detailed rock chip pit sampling ⇒ max 230 g/t Ag, 2.0% Pb, 5.0% Zn, reassay HA3 ⇒ 49m @ 8.4 g/t Ag including 1.5m @ 35 g/t Ag HA4 (403m) ⇒ 35m @ 34 g/t Ag including 2m @ 410 g/t Ag	Meares, Walter & Hutton 1980
1980-81	EL9/66	Goldfields	Access: Geology: Geophysics: Geochemistry:	road construction, grid extension costeans dug/sampled, additional mapping, petrology limited gradient array IP, detailed proton magnetics (Scintrex) ⇒ no anomalies detailed soil, limited stream sediment, rock chip, costean sampling ⇒ max 10m @ 73 g/t Ag, reassaying core HA1-2 ⇒ no significant Ag	Meares, Hutton & Komyshan 1981

			Drilling:	HA5 (298m) ⇒ 8.6m @ 11.0 g/t Ag	
1981-82	EL9/66	Goldfields	Access: Geology: Geophysics: Geochemistry: Drilling:	infill gridding alteration study & petrography (Eastoe) dipole-dipole IP (Scintrex) ⇒ confirm anomalies limited detailed soil sampling HA6 (250m) ⇒ 4.1m @ 6.3 g/t Ag & 3m @ 0.2% Cu	Meares, Purvis, Hutton & Komyshan 1982
1982-83	EL9/66	Goldfields	Geology: Geochemistry:	comprehensive data review re-assaying core HA2-6 ⇒ HA2 9m @ 0.2 g/t Au	Purvis, Fitzgerald & Komyshan 1983
1983-84	EL9/66	Goldfields	Geology: Drilling:	petrology HA7 (234m) ⇒ broad pyritic zone, max 3m @ 0.2% Zn & 2m @ 10 g/t Ag HA8 (252m) ⇒ broad pyritic zone, av. 224.8m @ 0.2% Zn, 3 g/t Ag	Roberts & Cartwright 1984
1984-85	ETA		No work in this period		
1985-86	EL5/85	CRAE	Geophysics	26 line km UTEM ⇒ 4 anomalies	Sheppard 1986
1986-87	EL5/85	CRAE	Geology: Geochemistry:	mapping stream sediment, soil ⇒ max 0.4 g/t Au, rock chip	Funnell 1987
1987-88	EL5/85	CRAE	Geology:	review	von Strokirch 1988
1988-90	EL5/85	Aberfoyle	No work in this period		
1990-91	EL5/85	Aberfoyle	Geology: Geochemistry: Research:	mapping ⇒ Newton Dam Spillway sulfide boulders lithogeochemistry, Pb isotopes R. Gibson Honours Project	Richardson 1991 Gibson 1991
1991-92	EL5/85	Aberfoyle	Geology: Geochemistry:	mapping, petrology lithogeochemistry, soil, old drill core, S isotopes	Sharpe 1992
1992-93	EL5/85	Aberfoyle	Geology: Geophysics: Geochemistry:	1:5000 mapping, sampling, petrology ⇒ Barite sulfide boulders in Tyndall Creek helimag/radiometrics, EM(Tyndall Mine) lithogeochemistry, REE geochemistry	Sharpe 1993
1993-94	EL5/85	Aberfoyle	Access: Geology: Geophysics: Geochemistry: Drilling:	Tyndall Creek grid (4.6 line km) Mapping, 'wacker' sampling (Tyndall Creek grid) IP/EM surveys (Tyndall Creek grid) 'Wacker' sampling DDH TC1 (31.1m) DDH TC2 (22.4m) ⇒ 4.6m @ 0.9% Pb, 1.2% Zn, 90ppm Ag, 1.5ppm Au DDH TC3 (32m) ⇒ 0.8m @ 1.5 % Pb, 2.7% Zn, 80ppm Ag, 3.8ppm Au DDH TC4 (50.2m) DDH TC5 (18.8m) ⇒ 2.1m @ 5.4 % Pb, 7.8% Zn, 256ppm Ag, 0.7ppm Au	Lewis 1994

3.3 ACCESS

During the 1994/5 season 8850m of gridlines, 1250m of foot tracks and 2700m of line clearing were completed for 'wacker' sampling and DHEM surveys. Approximately 180m of 4WD standard tracks and 4 drill pads were constructed for DDH NC1-4 (PLATE LMARG145).

3.4 GEOCHEMISTRY

3.4.1 Wacker Sampling

Wacker sampling of the Tyndall Creek grid in 1993-94 demonstrated the potential of this technique to aid surface prospecting over areas with thick glacial cover (Lewis 1994). In particular, wacker sampling provides:

- information on glacial thickness/type to guide interpretation of soil geochemistry results.
- information on bedrock lithology and alteration mineralogy as a supplement to previous mapping and geophysical (e.g. helimag) interpretation.
- samples for direct bedrock lithogeochemistry.

Three separate wacker surveys were conducted during the 1994-95 programme and are discussed individually below. Samples locations, bedrock penetration and geology are shown in PLATES LMARG149, LMARG150 and LMARG151 respectively. Assay results are included in Appendix II.

Basin Lake Survey: Line 57000N was part of a larger survey extending south onto EL103/87 Basin Lake. The aim of this traverse was to test the south-eastern strike extension of the Tyndall Creek Fault (TCF) and outcropping barite-sulphide mineralisation.

Bedrock penetration on this line was hampered by deep gravels (>6m) on the narrow floodplain of Tyndall Creek which corresponds to the inferred TCF position. Assay results did not show anomalous geochemistry in bedrock or gravels. Recovered rock chip samples include magnetic albite/chlorite altered crystal-rich sandstone and shale, typical of Middle Tyndall Group lithofacies outcropping further north.

Tyndall North Survey: Seven lines were sampled on the Newton Creek grid north of Lake Newton from 59000N to 60200N. This block was surveyed to test for Henty style gold mineralisation in locally sericite/pyrite altered Middle Tyndall Group rhyolites; to trace the northern extension of the Howards Tuff haematite/carbonate alteration; and to further delineate the position of the Tyndall Mine Fault (TMF).

Sampling statistics for Tyndall North are as follows:

PROPOSED SITES:	160
SITES ABANDONED:	35
SITES SAMPLED:	125
OUTCROP:	12
DRILLED:	113
BEDROCK:	76
COVER:	37
GEOCHEMISTRY:	100
TOTAL DEPTH:	268m
AVERAGE DEPTH:	2.1m

SUCCESS RATE:

SAMPLED SITES: 70%

In general, gravel thickness is less than that found further south and closer to the Tyndall Range. The following stratigraphic sequence from west to east was confirmed on several lines:

- High Ti/Zr (18-25) quartz feldspar porphyry (Anthony Road Andesite correlate - similar to base of HA8).
- Sheared haematite altered (As anomalous) dacite ?volcaniclastic (Howards Tuff correlate).
- Black Shale (Tyndall Mine host rock marking Lower-Middle Tyndall Group boundary - as seen in HA3).
- Low Ti/Zr (<5) quartz feldspar phyric rhyolite.
- Middle Tyndall Group crystal-rich volcaniclastics.

A prominent NW strike trend in these units confirms the position of the TMF as inferred from earlier geophysical interpretation.

Assay results returned generally low base and precious metal values with maxima (ppm - separate samples) of Cu 158, Pb 993, Zn 305, Ag 3, Au 0.03, Ba 2705 and As 61.

Newton Dam Survey: Lines 58400N and 58800N were sampled in August 1995 incorporating tie-lines along part of the Newton Dam shoreline. The aim of these traverses was to infill an area of poor data coverage and sample units stratigraphically below the hydrothermal ironstones at 'Jasper Point'.

Sampling statistics for Newton Dam are as follows:

PROPOSED SITES:	62
SITES ABANDONED:	0
SITES SAMPLED:	62
OUTCROP:	5
DRILLED:	57
BEDROCK:	36
COVER:	21
GEOCHEMISTRY:	62
TOTAL DEPTH:	115.3m
AVERAGE DEPTH:	1.9m

SUCCESS RATE:

SAMPLED SITES: 66%

Line 8800N sampled from feldspar phyric dacite (Ti/Zr 7-13, P_2O_5/TiO_2 ~0.11) east into feldspar quartz phyric rhyodacitic porphyry (Ti/Zr 10-19, P_2O_5/TiO_2 ~0.20) with no anomalous base or precious metal geochemistry. The porphyry is similar to that sampled further north.

Line 8400N sampled from feldspar phyric dacite similar to the Newton Dam Spillway (Ti/Zr 7-13, P_2O_5/TiO_2 ~0.25) east through quartz phyric rhyolitic porphyry (Ti/Zr 7-13, P_2O_5/TiO_2 ~0.25) to quartz-free dacite at Jasper Point (Ti/Zr 15, P_2O_5/TiO_2 ~0.30).

A 100m wide zone of anomalous base metal geochemistry occurs to the west (stratigraphically below) Jasper Point along the shore of Lake Newton with values up to 160ppm Cu, 285ppm Pb, 637ppm Zn and 69ppm As. Deep weathering restricted bedrock penetration over the anomaly, but moderate Cr (>50ppm), high Ti/Zr (>20) and very high P_2O_5/TiO_2 (0.45-1.58) suggest an andesitic to basaltic lithology with possibly Suite III affinity. Further mapping and whole-rock geochemistry is required to delineate the volcanic stratigraphy in this area.

3.4.2 Gold Geochemistry

A comprehensive review of the Newton Creek Prospect concluded that earlier work had failed to adequately test the gold potential of the area. In particular, Aberfoyles 1991 soil samples and most of drill holes HA1-7 were not analysed for gold.

3.4.2.1 1991 Soils

A total of 561 -80# C horizon soil sample pulps - originally collected in 1991 - were reassayed for gold. Sample locations and assay results are shown in PLATES LMARG59 and LMARG146 respectively and tabulated in Appendix II.

Assay results returned several values above the detection limit of 0.008ppm, with a maximum value of 0.2ppm on line 57600N east of Howards Anomaly.

3.4.2.2 HA1-7 Drill Core

During the early Howards Anomaly drilling series only selected pyritic intervals of HA1-2 and 6m spaced 2m intervals of HA7-8 were analysed for gold. Several anomalous intervals were recorded including 12m @ 0.1ppm Au in HA1 and 10m @ 0.2ppm Au in HA2. Drill hole HA8 was reground by Aberfoyle in 1991 and returned a maximum gold value of 15.1m @ 0.105ppm.

Drill holes HA1-6 have been reground in approximately 6m intervals and assayed for gold only. As HA7 had only been assayed in 2m intervals every 6m, the entire hole was re-ground and analysed for Cu,Pb,Zn,Ag,Au,Ba and As. Assay results are not available at the time of writing and will be included in a future report.

3.5 DIAMOND DRILLING

3.5.1 Introduction

Positive indicators at Newton Creek were developed into a model which predicts that the most favorable position to locate massive sulphide accumulations is close to the intersection of the basal Lower Tyndall Group (favorable stratigraphy) with the Great Lyell Fault (favorable structure). A three hole diamond drilling programme was completed to test this position along a strike length of 1.4km at ~700m spacing. This spacing would allow DHEM coverage for tabular stratabound deposits at least 400m in strike length.

DDH NC1-3 have been completed for a total of 2542m. DDH NC4 (577.2m) has been completed as part of a 3 hole follow-up programme.

3.5.2 DDH NC1

Diamond drill hole NC1 drilled steeply west on section 57300N and was designed to test Lower Tyndall Group stratigraphy down to the top of the Anthony Andesite, as close as possible to the Great Lyell Fault. This design was expected to enable DHEM coverage of the south-eastern corner of the Newton Creek Prospect, including down dip extensions to the outcropping Tyndall Creek Ba-sulphide mineralisation.

Collar details for NC1 are as follows: NEWTON CREEK

Collar E:	381212.5mE (AMG)
Collar N:	5357318.3mN (AMG)
Collar RL:	537.5m asl
Bearing:	270° AMG
Inclination:	-85°
Hole Length:	829.8m
Commenced:	07/11/1994
Completed:	14/01/1995
Contractor:	Fred Ortner

3.5.2.1 Geology

A summary geological log is given below and shown in Fig.4: a complete drill log is included in Appendix III and plotted in PLATE LMARG115.

Ctm: Middle Tyndall Group (Upper Comstock Tuff)

0 - 110 m Quartz-feldspar crystal-rich volcaniclastic sandstone with intervals of polymict volcaniclastic sandstone-breccia.

110-200m Graded crystal-rich sandstone to siltstone turbidites with magnetite-rich banded tops (*Ctmsi*).

200-292m Carbonate-hematite-(magnetite) veined graded breccia to sandstone with minor magnetite-rich siltstone volcaniclastics.

292-310m **Howards Fault Zone.** Sheared calcite-hematite altered sandstone-breccia volcaniclastic and banded calcite fault breccia.

Ctl: Lower Tyndall Group (Lower Comstock Tuff)

Ctlhm/Ctlht/Ctlco ("Howards Tuff")

310-422m Intensely sheared/banded calcite-hematite-chlorite and sericite-calcite-chlorite altered andesitic medium to coarse lapilli volcaniclastics with thin banded calcite intervals.

422-473m Purple-pink banded to massive limestone with interbedded shale.

Ctlad

473-611m Sheared to massive andesitic breccias with calcite matrix.

611-613m Disrupted gray siltstone/ash volcaniclastic with thin pyrite bands.

612-635m Strongly sheared clast supported andesite lava breccia (50-60% fragments) with syn-genetic pyrite-silica-calcite matrix (up to 25% pyrite).

635-670m Tyndall Creek Fault Zone. Intensely sheared andesitic breccia volcaniclastics.

Ccva: Anthony Andesite

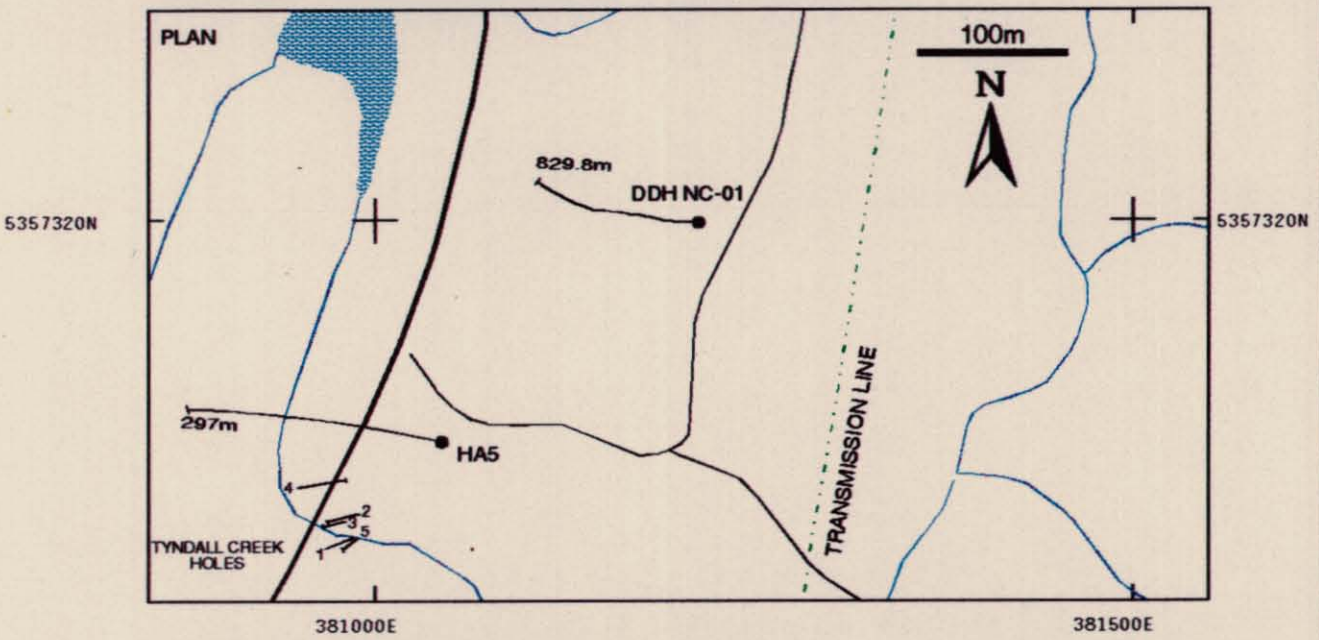
670-705m Massive to brecciated andesite-dacite lava.

705m-780m Andesite-dacite crystal-rich volcaniclastics and lavas.

780-820m Variably silica-pyrite altered dacitic volcanics.

762018

DDH NC1 - SUMMARY SECTION (1:5000)



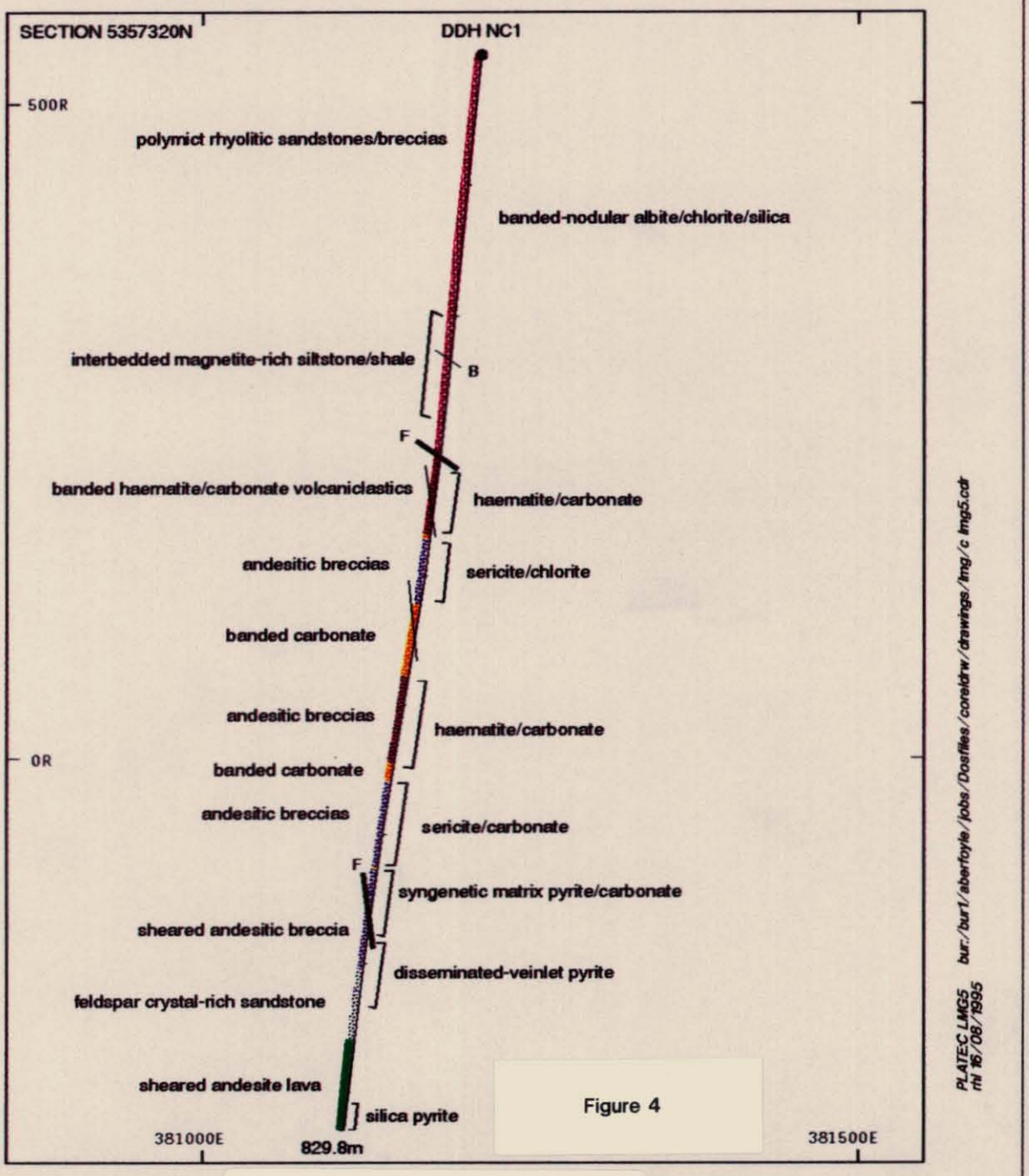


Figure 4

5 cm

PLATEC LMG5
rhl 16/08/1995
bur:/bur1/aberfoyle/jobs/Dosfiles/coreldrw/drawings/lmg/c lmg5.cdr

820-829.8m Weakly silica altered dacitic volcanics.

EOH

Forty two split core samples were taken for detailed petrographic descriptions which are included as Appendix I.

The Middle Tyndall Group is characterized by feldspar, quartz and magnetite crystal-rich volcaniclastic sandstones with banded to patchy albite/silica and chlorite alteration. A distinctive package of graded, well-bedded fine sandstone to siltstone occurs from 110-7-198.8m with well defined detrital magnetite (+zircon) bands and relict shard textures (627653).

Howards Tuff is a mixed sequence of strongly sheared and altered felsic lavas (627663), polymict coarse lapilli volcaniclastics (627662, 627665, 627667) and andesitic lava breccias (627660). Carbonate bands are strongly recrystallised and show no evidence of primary textures (627664, 627666). The strong color banding is partly due to flattening and dissolution of quartz/carbonate with local concentration of haematite/chlorite/sericite parallel to the foliation.

Epiclastic sandstones towards the base of the Lower Tyndall Group (627687) superficially resemble the Middle Tyndall Group but are less crystal-rich and have no detrital quartz or magnetite. In addition, the alteration style is sericite/carbonate rather than ablite/silica/chlorite. Andesites at the base of the hole are typical of the Anthony Andesite.

NC1 represents a complete - though locally faulted - section through Anthony Basin stratigraphy from massive Anthony Road-type andesites/dacites to rhyolitic quartz/feldspar/magnetite crystal-rich volcaniclastic sandstones of the Middle Tyndall Group (Upper Comstock Tuff). Strong syn-genetic pyritic alteration was intersected at the inferred target position in porous andesite breccias at the base of the Lower Tyndall Group, immediately below a thin fine-grained sedimentary horizon. The style of alteration - haematite/carbonate overlying sericite/pyrite - closely reflects that seen at surface and confirms the down dip extent of the alteration system.

3.5.2.2 Geochemistry

The strongly pyritic interval from 611-638m has been split and assayed at 0.15-1m intervals. The remaining drill core has been ground at intervals ranging from 1.1 to 19.6m, corresponding to geological and alteration boundaries. All samples have been analysed for Cu, Pb, Zn, Ag, Au, Ba, As, Cr, Zr and whole-rock geochemistry.

An 11m interval of haematite-carbonate veined Middle Tyndall Group sandstone (242-253m) assayed 6ppm Ag: this confirms earlier interpretations

that the Howards Anomaly silver mineralisation is sporadic and discordant to stratigraphy, possibly reflecting structural remobilisation. The main zone of pyritic alteration returned low base metal results but a thin siltstone horizon immediately above this interval assayed 1m @ 0.214ppm Au. Best results in the underlying volcanics are: 9.7m (685.4-695.1m) @ 690ppm Cu, 5.2m (804.9-810.1m) @ 406ppm Zn, 2.5m (721-723.5m) @ 3ppm Ag and 3.1m (636-639.1m) @ 0.024 ppm Au.

Full assay results are tabulated in Appendix II and shown as down hole profiles in PLATES LMARG132 and LMARG133.

3.5.2.3 Geophysics

Down-hole magnetic susceptibility measurements were taken at 1m intervals as an aid to geological interpretation and are plotted in PLATE LMARG116. Middle Tyndall Group sandstones and breccias are characterized by high susceptibility due to both detrital and recrystallised magnetite: late faults in these units are magnetite destructive. Howards Tuff has an erratic susceptibility profile reflecting non-systematic haematite(magnetite) and carbonate banding. Non-haematitic sericite-silica-carbonate altered andesite breccias below Howards Tuff are uniformly non-magnetic.

Two UTEM surveys were completed on DDH NC1 by Lamontagne Geophysics at a station spacing of 10m and an operating frequency of 24.83Hz. The first survey (loops 1-2) was designed to test for conductive mineralisation in Lower Tyndall Group stratigraphy down to the Great Lyell Fault using two 600m loops sub-parallel to the regional NNW strike trend. The second survey (loops 3-4) was designed to test for conductive mineralisation oriented parallel to the Tyndall Creek Fault trace. Loop design is shown in PLATE LMARG 141 which is included as part of Appendix IV. The surveys failed to detect offhole conductors attributable to massive sulfide. Continuous and point normalised plotted data is presented in Appendix IV.

3.5.3 DDH NC2

Diamond drill hole NC2 was drilled steeply east on section 58150N in order to test the same conceptual target as NC1, east and down dip of the Howards Anomaly haematite-barite occurrence.

Collar details are as follows:

Collar E:	381329.3mE (AMG)
Collar N:	5358110.5mN (AMG)
Collar RL:	536.3m asl
Bearing:	90° AMG

Inclination: -85°
Hole Length: 631m
Commenced: 14/02/1995
Completed: 03/03/1995
Contractor: Fred Ortner

3.5.3.1 Geology

A summary geological log is given below and shown in Fig.5: a complete drill log is included in Appendix III and plotted in PLATE LMARG130.

Ctm: Middle Tyndall Group (Upper Comstock Tuff)

0 - 40 m Interbedded graded lithic volcaniclastics and gray shale.

40-162m Massive crystal-rich volcaniclastic sandstone.

162-330m Massive polymict sandstone-breccia volcaniclastic.

330-387m Graded sandstones with magnetite-rich siltstone tops - similar to the interval 110-200m in NC1.

387-430m Volcaniclastic sandstone with minor magnetite-rich siltstone.

Ctl: Lower Tyndall Group (Lower Comstock Tuff)

Ctlhm/Ctlht/Ctlco ("Howards Tuff")

430-475m Sheared coarse lithic lapilli to breccia volcaniclastic.

475-490m Sheared haematite-carbonate altered breccia volcaniclastic.

Great Lyell Fault

490-510m Fault Zone: sheared micaceous quartz sandstone-siltstone

COc: Owen Conglomerate

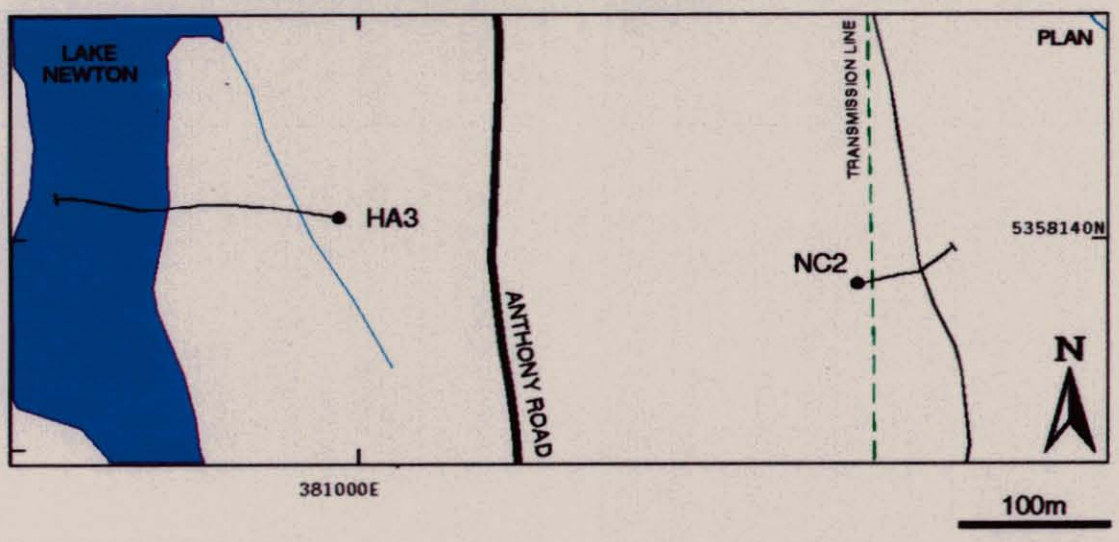
510-631m Siliceous sandstone and cobble conglomerate.

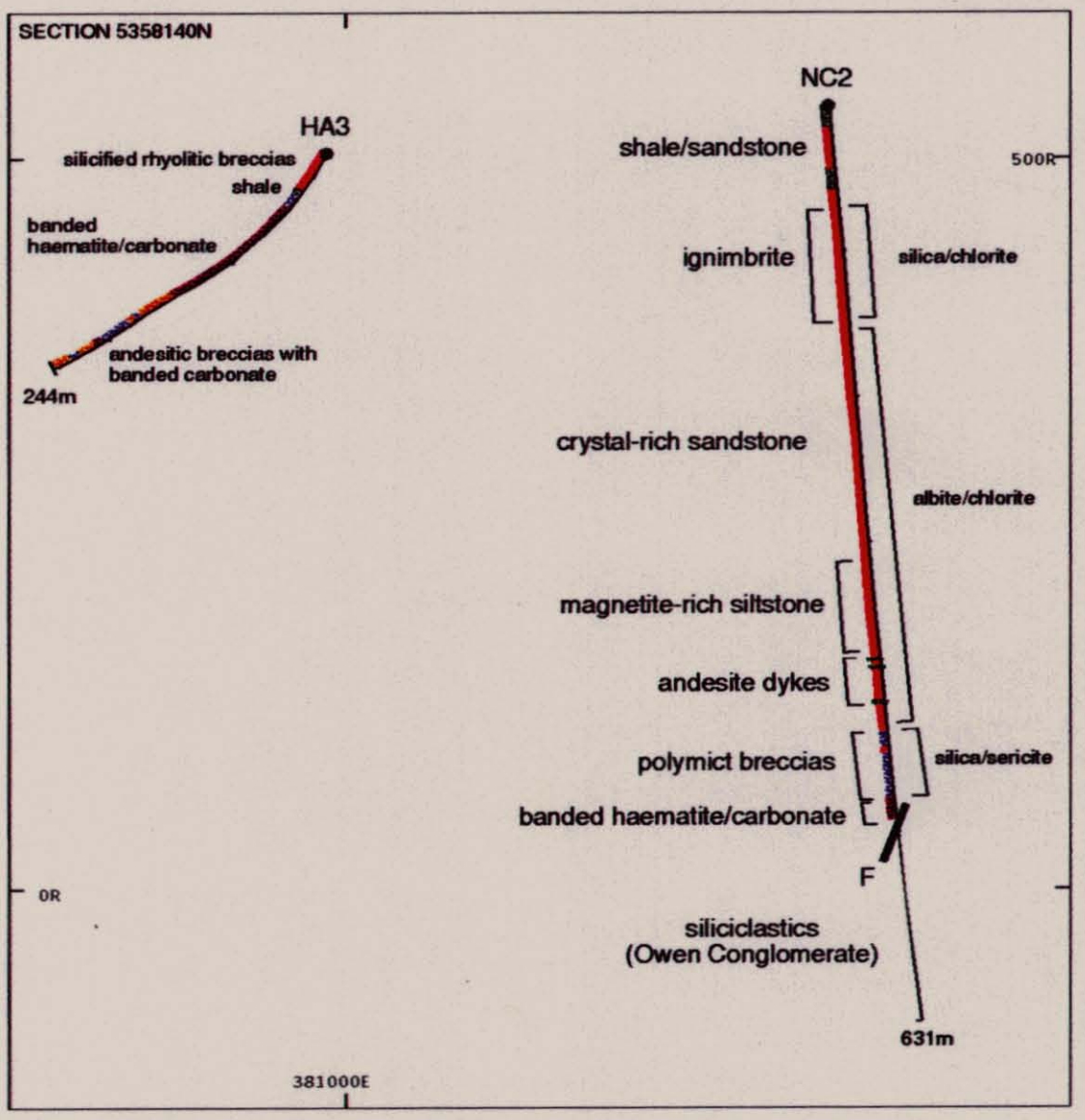
EOH

NC2 was abandoned without reaching the target position after drilling through the Great Lyell Fault. Subsequent geophysical interpretation confirms that the fault is offset west in a wedge between the Tyndall Mine Fault and a smaller NE trending cross structure. The hole was extended some 120m into Owen Conglomerate to allow DHEM coverage of the Lower Tyndall Group west of the GLF.

The stratigraphy in NC2 is similar to the upper part of NC1. The magnetite-rich siltstone package (Ctmsi) from 330-387m correlates with the interval 110-200m in NC1, indicating thinning of this unit to the north.

DDH NC2 - SUMMARY SECTION (1:5000)





PLATEC LMG6 bur-/bur1/aberfoyle/jobs/Dosfiles/coreldrw/drawings/lmg/c lmg6.cdr
rhl 16/08/1995

5 cm

Figure 5

3.5.3.2 Geochemistry

NC2 has been ground from 0 to 501.5m and 46 samples analysed for Cu, Pb, Zn, Ag, Au, Ba, As, Cr, Zr and whole-rock geochemistry. All Au and Ag values are below detection and all Pb is below 100ppm. A wide zone of slightly elevated Cu and Zn is evident in the Middle Tyndall Group between 63.8-125.4m which averaged 61.6m (3 samples) @ 268ppm Cu and 281ppm Zn.

Full assay results are tabulated in Appendix II and shown as down hole profiles in PLATES LMARG136 and LMARG137.

3.5.3.3 Geophysics

Down-hole magnetic susceptibility measurements were taken at 1m intervals as an aid to geological interpretation and are plotted in PLATE LMARG131. Broad stratigraphic variations in magnetic susceptibility are similar to that observed in NC1.

A UTEM survey was completed on DDH NC2 by Lamontagne Geophysics at a station spacing of 10m and an operating frequency of 24.83 Hz. The survey was designed to test for conductive mineralisation in the Lower Tyndall Group west of the hole where it is truncated by the Great Lyell Fault: no offhole conductors were identified. Continuous and point normalised plotted data and loop locations are presented in Appendix IV.

3.5.4 DDH NC3

Diamond drill hole NC3 was drilled north of the Tyndall Mine Fault on section 5358750N. The hole was collared approximately 100m further west than NC1 and NC2 in order to avoid the structural complications encountered in NC2.

Collar details are as follows:

Collar E:	381172.3mE (AMG)
Collar N:	5358738.5mN (AMG)
Collar RL:	521.3m asl
Bearing:	270° AMG
Inclination:	-85°
Hole Length:	1081m
Commenced:	14/03/1995
Completed:	01/05/1995
Contractor:	Fred Ortner

3.5.4.1 Geology

A summary geological log is given below and shown in Fig.6: a complete drill log is included in Appendix III and plotted in PLATE LMARG134A/B.

762024

DDH NC3 - SUMMARY SECTION (1:5000)

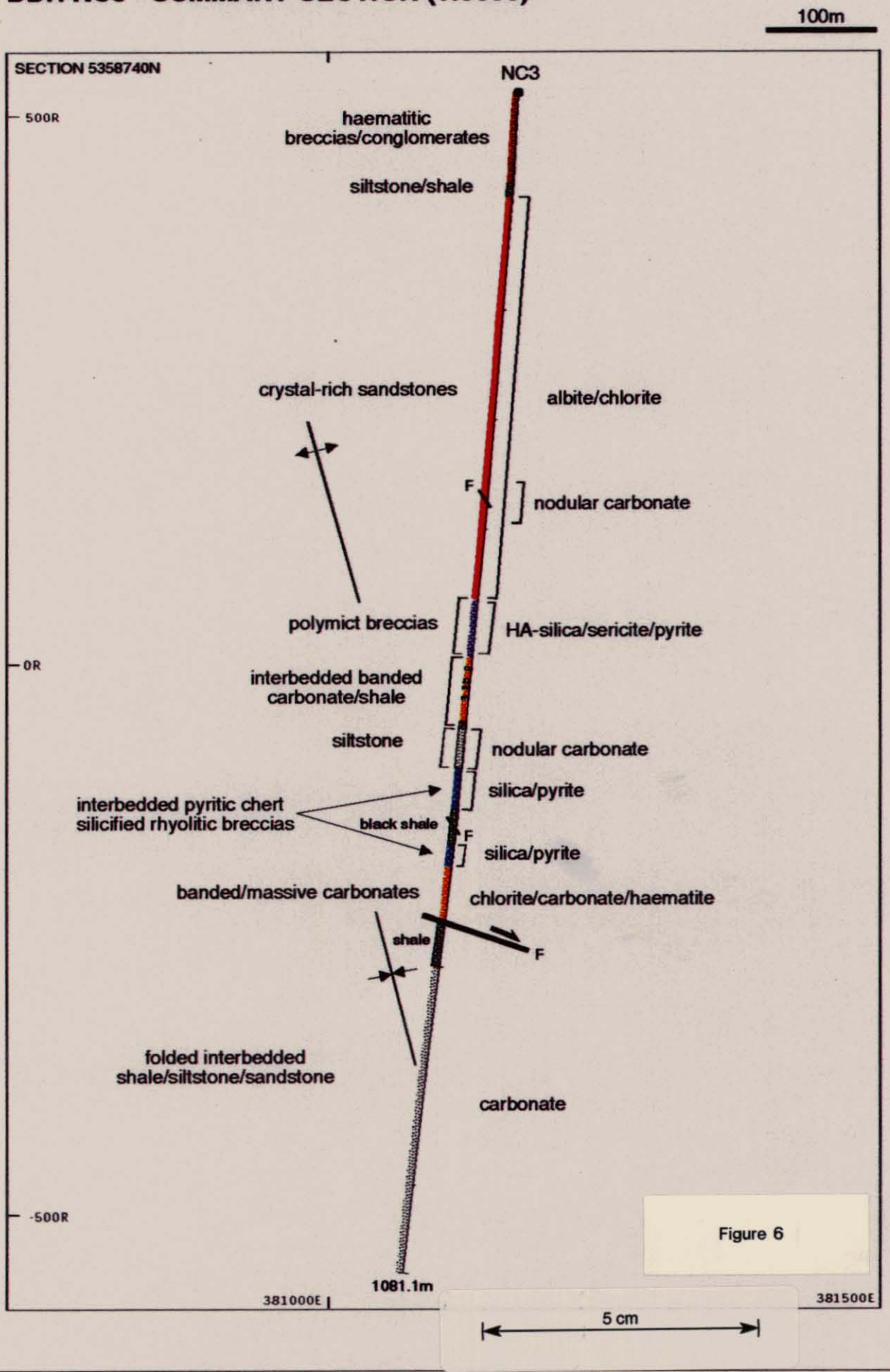


Figure 6

PLATEC LMG7
rvl 16/08/1995
bur:/bur1/aberfoyle/jobs/Dosfiles/coreldrw/drawings/lmg/c lmg7.cdr

Ctu: Upper Tyndall Group

0 - 74 m Purple (haematitic) polymict volcaniclastic conglomerate/breccia.
74-95m Polymict volcaniclastic conglomerate and graded siltstone-shale.

Ctm: Middle Tyndall Group

95-240m Albite-silica-chlorite altered volcaniclastic sandstone-breccia.
240-360m Weakly chlorite-albite altered volcaniclastic sandstone-breccia.
360-386m Massive to banded gray-pink nodular calcite in sericitic fault zone.
386-459m Massive volcaniclastic sandstone-breccia.
459-515m Highly silica-carbonate altered lapilli volcaniclastics.

Ctl: Lower Tyndall Group

Ctlco/Ctlht/Ctlch/Ctlad (Howards Tuff correlates)

515-582m Interbedded gray-purple-pink calcite and black shale.
582-620m Strongly calcite altered pyritic siltstone.
620-655m Interbedded silica altered breccias (70%) and pyritic chert (30%).
655-688m Strongly calcite-silica altered breccias.
688-760m Banded to massive calcite

Large flat-lying fault

Ctle (Epiclastics)

760-905m Laminated and folded black shale-siltstone-carbonate.
905-1000m Bedded crystal-rich sandstone.
1000-1045m Interbedded sandstone-shale.
1045-1081m Bedded crystal-rich sandstone (probable structural repetition of 905-1000m).

EOH

The hole was terminated in a thick sequence of Lower Tyndall Group epiclastics without reaching the Anthony Andesite. The Lower Tyndall Group stratigraphy in NC3 is markedly different to that south of the Tyndall Mine Fault, where the LTG comprises andesitic volcaniclastics rather than chert and epiclastics. This facies change is further evidence for Cambrian activity on the TMF.

The Upper Tyndall Group outcrops NW of the NC3 collar and is represented in drill core by well rounded purple cobble conglomerate interbedded with quartz-rich sandstones and siltstones conformably overlying the Middle Tyndall Group.

The Middle Tyndall Group comprises similar lithotypes and alteration style to NC1-2. A significant difference however is that the thick bedded magnetite-rich siltstone sequence in NC1-2 is only a few metres thick in NC3 (221-224m). This unit continues as a thin 1-2m marker horizon within the Middle Tyndall

Group north of EL5/85 (S.Halley Pers.Comm.). The silica-carbonate altered volcaniclastic sequence from 459-515m was initially interpreted as part of Howards Tuff. However, a similar package occurs from 105-145m in NC4 between 2 massive units of magnetic quartz-bearing crystal-rich sandstone, suggesting that it occurs entirely within the Middle Tyndall Group. A similar sequence conformably overlies banded haematite/carbonates at the top of HA3.

In NC3 the Lower Tyndall Group comprises banded haematitic carbonate/shale (Howards Tuff correlate), carbonate altered siltstone, brecciated chert and black shale which is repeated on either side of a probable faulted anticline closure at 655m. This package is separated from Lower Tyndall Group epiclastics by a wide flat lying brittle fault zone from 760-770m.

The well-bedded shale-sandstone sequence below 760m is folded on a number of scales and core orientation indicates a major syncline closure at 882m.

3.5.4.2 Geochemistry

The entire hole has been ground and analysed for Cu, Pb, Zn, Ag, Au, Ba, As, Cr, Zr and whole-rock geochemistry.

The best result is 2.8m (392.5-395.3m) @ 1574ppm Pb + 3ppm Ag in pyritic chert within the Middle Tyndall Group. Two pyritic shale intervals in the Lower Tyndall Group assayed 11.2m (655.6-666.8m) @ 877ppm Pb + 542ppm Zn and 11.1m (676.8-687.9m) @ 667ppm Pb + 535ppm Zn: this is probably the same unit repeated by folding.

Full assay results are tabulated in Appendix II and shown as down hole profiles in PLATES LMARG142 and LMARG143.

3.5.4.3 Geophysics

Down-hole magnetic susceptibility measurements were taken at 1m intervals and are plotted in PLATE LMARG135.

A UTEM survey was completed on DDH NC3 by Lamontagne Geophysics using a station spacing of 10m and operating frequency of 24.83 Hz: no conductors attributable to massive sulphide were detected. Data and loop locations are presented in Appendix IV.

3.5.5 DDH NC4

Diamond drill hole NC4 was drilled west from the Anthony Road on section 8550N and was designed to test the down dip extension of Zn anomalous pyritic alteration intersected in HA8, south of the Tyndall Mine Fault.

Collar details are as follows:

Collar E:	381049.3mE (AMG)
Collar N:	5358526.3mN (AMG)
Collar RL:	511.4m asl
Bearing:	270° AMG
Inclination:	-70 °
Hole Length:	577.2m
Commenced:	26/7/1995
Completed:	13/8/1995
Contractor:	Max Harvey

3.5.5.1 Geology

A summary geological log is given below: a complete drill log is included in Appendix III and plotted in PLATE LMARG147.

Ctm: Middle Tyndall Group

0 - 115m Crystal rich volcaniclastic sandstone with albite alteration.

115-144m Carbonate-silica altered polymict breccia volcaniclastic.

144-165m Siltstone to fine lapilli volcaniclastic.

165-184m Crystal rich volcaniclastic sandstone with albite alteration.

Ctl: Lower Tyndall Group

Ctlco/Ctlhm

184-192m Banded carbonate.

192-200m Sheared haematite/carbonate altered breccia volcaniclastic.

200-221m Sheared andesite breccia volcaniclastic with banded sericite/chlorite/haematite alteration.

Ctlad/Ctle

221-373.5m Andesitic medium-coarse lapilli volcaniclastics with minor lavas.

373.5-376m Pyritic ash volcaniclastic

376-380m Andesitic volcaniclastic with disseminated sphalerite.

380-385m Andesitic volcaniclastic with strong silica/K-feldspar alteration.

Ccva: Anthony Andesite

385-492m Massive to hydraulically brecciated andesite, strong silica/K-feldspar alteration.

492-508m Pink silica/K-feldspar altered dacite with pyrite stringer veins.

508-537m Quartz feldspar porphyry and dacite with disseminated pyrite and minor patchy sphalerite.

537-577m Interlayered quartz porphyry and dacitic breccias.

EOH

As inferred from previous drilling, the stratigraphy south of the Tyndall Mine Fault is markedly different to that in NC3.

The basal Tyndall Group target is represented by a 2.5m pyritic ash/chert horizon underlain by 4m of strongly silica-sericite-feldspar altered andesitic volcaniclastic with 1-2% disseminated sphalerite which occurs as scattered 0.5-2mm clots and in veinlets: there is only minor pyrite in this interval. Massive andesite below this depth has strong to intense silica ± K-feldspar alteration with local hydraulic brecciation, disseminated/veinlet pyrite and minor sphalerite decreasing downhole. From 492-508m 1-3cm wide crustiform pyrite/silica stringer veins are developed at 0.5-1m spacing in massive silica/albite altered dacite. Sphalerite occurs intermittently as disseminations and in quartz/carbonate veinlets from 508-537m. The quartz porphyry at the base of the hole is only weakly silica/sericite altered.

3.5.5.2 Geochemistry

The mineralized zone from 372.4-378.55m has been split in narrow intervals and analysed for Cu, Pb, Zn, Ag, Au, Ba, As, Cr, Zr and whole-rock geochemistry. The zone averages 6.15m @ 1276ppm Pb, 1646ppm Zn, 11ppm Ag and 165ppm As: full assay results are tabulated in Appendix II. The remaining core has been ground and submitted for assay but results are not available at the time of writing.

3.5.5.3 Geophysics

Down-hole magnetic susceptibility measurements were taken at 1m intervals and are plotted in PLATE LMARG148.

A UTEM survey was completed on DDH NC4 by Lamontagne Geophysics using a station spacing of 10m and operating frequency of 24.83 Hz. The survey was designed to test for conductive mineralisation between HA8 and NC4 adjacent to the TMF: no conductors attributable to massive sulphide were detected. Data and loop locations are presented in Appendix IV.

3.6 GEOLOGY

The results of wacker sampling and drilling have been incorporated into a major re-compilation and review of previous exploration at 1:5000 scale, which is shown in PLATE LMARG51: amendments to outcrop mapping are shown in PLATE LMARG50.

Structural and stratigraphic information from NC1 has led to a re-evaluation of earlier drilling at Tyndall Creek (TC1-5, HA5). The current model, shown in Fig.7, recognizes magnetic, albite altered crystal-rich Middle Tyndall Group sandstones on either side of the Tyndall Creek Fault both above and below the mineralized sequence. The mineralisation is immediately underlain to the

TYNDALL CREEK DRILLING - STRATIGRAPHIC INTERPRETATION

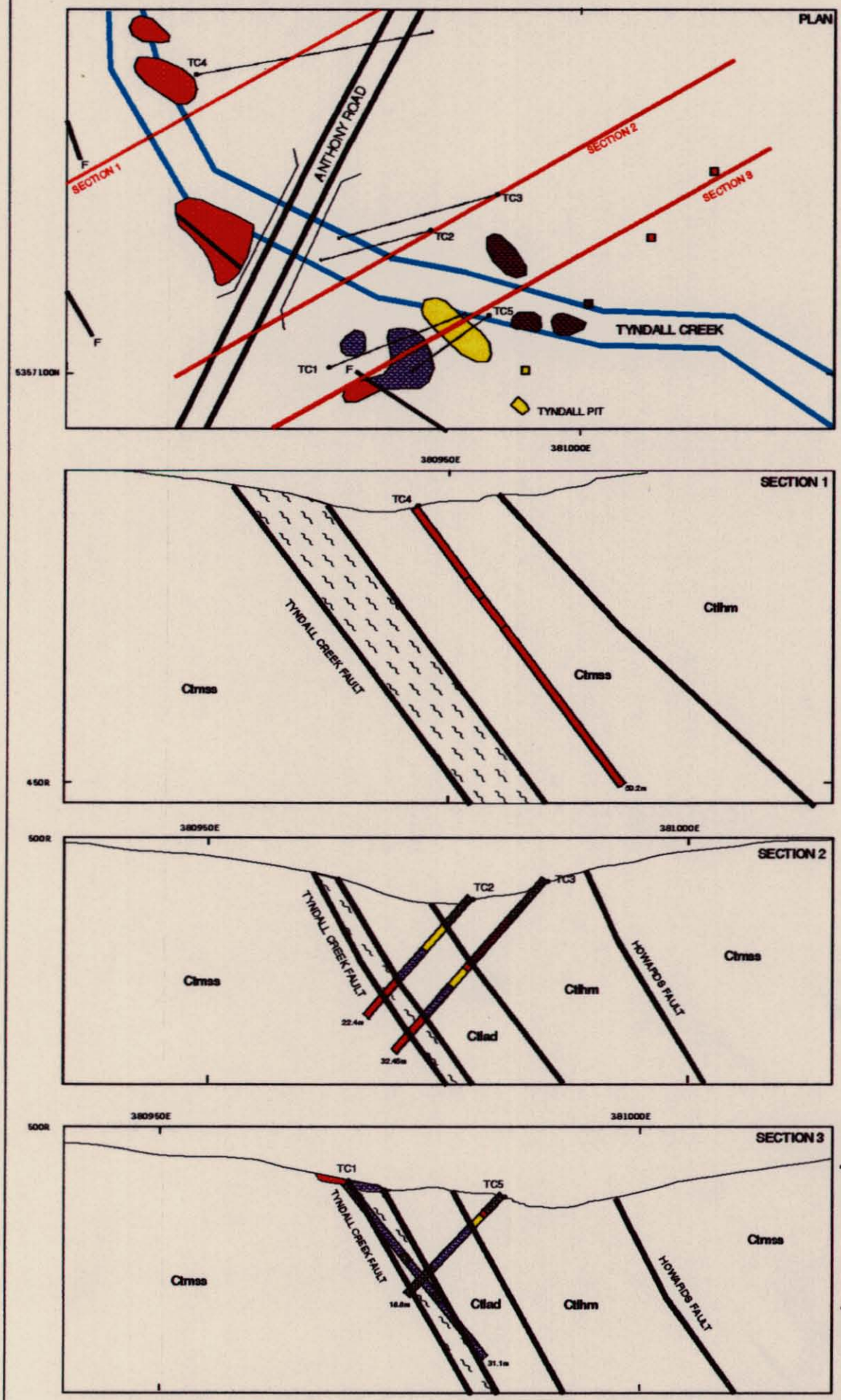


Figure 7

PLATE: C_LMG2
bur:/bur1/aberloyle/jobs/Dosfiles/corekinw/drawings/lmg/c_lmg2.cdr
rhl 10/8/1995

5 cm

south-west by sheared Anthony Road Andesite breccias and overlain to the north-east by sheared haematitic volcaniclastics. This model is consistent with the geology in HA5 which encloses a fault-bounded wedge of Middle Tyndall Group between Howards Tuff and pyritic Lower Tyndall Group.

The Tyndall Creek Fault is interpreted as a major west-north-west trending and steeply north dipping zone (5-15m wide) intersected near surface in TC1-5, at ~240m in HA5 and ~640m in NC1 (See Fig.9). The fault is a focus for pyritic alteration and Ba-sulphide mineralisation in the basal Tyndall Group, and anomalous gold geochemistry in silica-pyrite altered Anthony Andesite to the WNW.

The structure was probably a steep transfer zone in the Cambrian and has been re-activated with reverse (north block up) movement in the Devonian. The mineralisation at surface occurs between structural footwall and hangingwall blocks of barren MTG sandstones and either pinches out or plunges to the north or north west. There is no clear evidence for a south-eastern strike extension. These structural relationships are shown in section 57200N (Fig.8).

A major structural study of the Anthony Basin by Etheridge Henley Williams has been initiated, with an emphasis on the Newton Creek area but also including the southern part of the Anthony Basin. This study will attempt to resolve the Cambrian normal-transfer fault geometry through detailed analysis of the Devonian deformation.

4. CONCLUSIONS AND RECOMMENDATIONS

Drilling to date has confirmed that the key stratigraphic level for exhalative base metal mineralisation in the Newton Creek area is the Lower Tyndall Group - Anthony Road Andesite contact. This stratigraphic position is marked by a thick epiclastic package north of the TMF and south of the TCF, which have good evidence for Cambrian activity. In the Howards Anomaly area the key contact is marked by the top of a footwall-style pyritic alteration system which is overlain by hangingwall-style haematite/carbonate alteration and local jasper development.

The four hole deep drilling programme at Newton Creek has tested only the southern part of the mineralizing system. Down hole EM surveys have only tested for conductive mineralisation around the southern hole (NC1) and in a small area south of the Tyndall Mine Fault (NC4) - Fig.10. Considerable potential remains below surface EM range and above the inferred intersection of Tyndall Group stratigraphy with the Great Lyell Fault.

762031

ANTHONY BASIN: SECTION 57200N (1:5000)

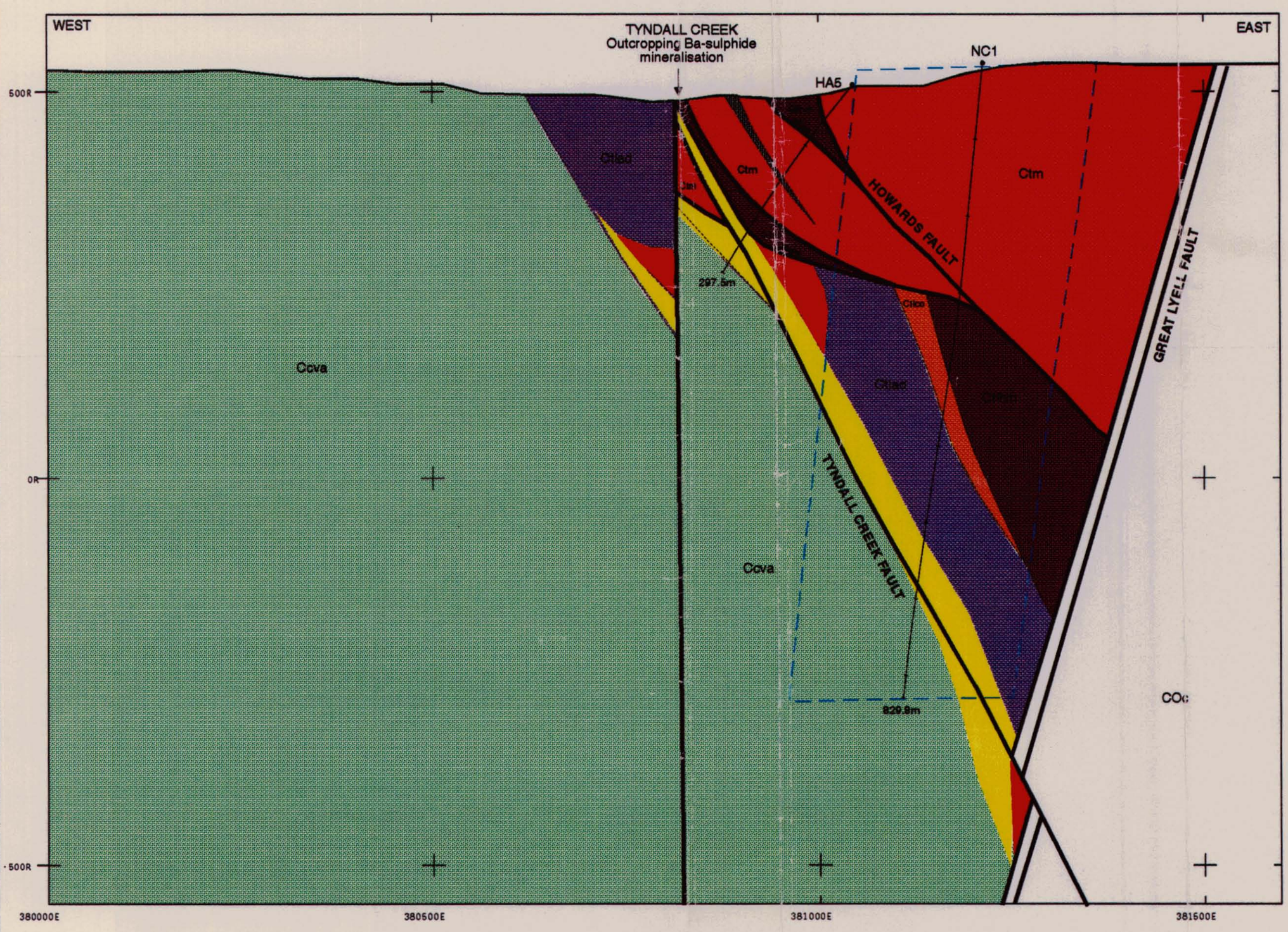


Figure 8

5 cm

- Ctm: Middle Tyndall Group
- Ctmsh: Black shale
- Ctlhm: Howards Tuff
- Ctlco: Banded carbonates
- Ctlad: Lower Tyndall Group
- BMS target horizon
- Pyritic alteration
- Ccva: Anthony Andesite
- Fault
- Geological Boundary
- NC1 DHEM coverage

100m

PLATE: C_ANT8A
bur:/bur1/aberloyle/jobs/Dosfiles/coreldrw/drawings/ant/c_ant8a.cdr
rhl 16/8/1995

HOWARDS ANOMALY: LONG PROJECTION TO 381000E (1:5000)

100m

WEST of 381000E ⊗ DRILLED WEST
⊙ DRILLED EAST
EAST of 381000E ⊗ DRILLED WEST
⊙ DRILLED EAST

762032

Outcropping Ba-sulphide mineralisation

TC1-5 HA5 NC1 HA1/2 HA4 HA6 NC2 HA3 NC4 HA7 HA8 NC3

297.5m 259.1m 403.1m 260m 243.8m 233.5m 231.3m

F

Lower Tyndall Gp

LOWER TYNDALL GROUP BASE AT 381000E

631m

TYNDALL CREEK FAULT

TYNDALL MINE FAULT

381300-350E

829m

381300-350E

HORIZONTAL PROJECTION OF GLF/LTG BASE CONTACT TO 381000E

1081m

5 cm

5357000N 5358000N 5359000N

CONTACT in DDH

LOWER TYNDALL GROUP (inc. Howards Tuff)

ANTHONY ANDESITE

PLATE:C LMG3A
rhi 16/08/1995

bur:/bur1/aberfoyle/jobs/Dosfiles/coreldrw/drawings/lmg/c lmg3a.cdr

Figure 9

HOWARDS ANOMALY: LONG SECTION 381000E - DHEM COVERAGE (1:5000)

100m

EAST of 381000E ⊗ DRILLED WEST

⊙ DRILLED EAST

762033

SOUTH

NORTH

NC1

NC2

NC3

LTG BASE AT 381000E

381300-350E

381300-350E

HORIZONTAL PROJECTION OF GLF/LTG BASE CONTACT TO 381000E

OR

5 cm

5357000N

5358000N

5359000N

400m diameter DHEM range (horizontal projection)

DHEM range on 381000E

DHEM range on 381300E

COVERAGE OF BASE OF LTG

WEST of 381000E

381000E

EAST of 381000E

Figure 10

PLATEC LMG4A rhl 16/08/1995 bur:/bur1/aberfoyle/jobs/Dosfiles/coreldrw/drawings/lmg/c lmg4a.cdr

A programme of additional deep diamond drilling is planned to test potential on the Newton Creek Prospect. On the basis of our present geological understanding, at least two further holes are necessary to meet this objective. In order of priority they are:

Section 58200N

A hole of 800m is planned to intersect the target horizon further west than that attempted by DDH NC2.

Section 57600N

Potential still remains north of the section tested by DDH NC1. An 800m hole is planned to test for a north plunge to the Tyndall Creek mineralizing system.

Follow-up of anomalies generated by the gold geochemistry programme will depend on results.

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762035

APPENDIX I

762036

Aberfoyle Resources Limited
A.C.N. 004 604 108

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PO Box 952
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Australia

Enquiries: R H Lewis
Phone: (004) 316333
Your Ref:
Our File: 9502RHL3

A B E R F O Y L E

27 February 1995

Tony Crawford
University of Tasmania
PO Box
SANDY BAY Tas

Dear Tony,

You will find enclosed 47 rock chip and drill core samples from the Anthony Basin area. Could you please supply petrographic descriptions for the area marked on each sample with reference to accompanying notes/questions.

Yours Faithfully

Rob Lewis

ROB LEWIS

Geologist

(enc)

EL5/85 Lake Margaret Samples:

DDH NC1 (42 samples)

627653: Middle Tyndall Group (MTG) - weakly laminated magnetite-rich volcaniclastic sandstone-siltstone from top of graded unit. Is the magnetite detrital or alteration? Albite alteration confined to the finer-grained top of the unit - why is this?
627654: MTG - well laminated magnetite-banded fine-grained volcaniclastic sandstone. As above, please describe the magnetite and albite alteration.
627655: MTG - polymict breccia volcaniclastic with crystal-rich matrix. Clast-types and alteration.
627656: MTG - massive crystal-rich volcaniclastic sandstone. Fragment and crystal compositions, is the magnetite detrital or an alteration product?
627659: Banded carbonate with sandstone lenses??? A bizarre rock from the faulted contact between MTG and underlying Howards 'Tuff'. Please comment on the colour banding and any textural evidence for an exhalative origin in the carbonate. Are the clastic portions lenses - can you describe the contact?
627670: Sheared polymict breccia volcaniclastic. Matrix texture and alteration - clast types.

The following rocks are a real puzzle to me.

627660: Howards Tuff (HT) - What is this rock? - are the hematite wisps flattened clasts?
627672: HT - as above. What were the sericitic wisps. Is the carbonate an alteration product?
627673: HT. How do the carbonate textures in the volcaniclastic matrix compare with those in the massive carbonate band?
627661: HT. What are the dull brown crystals?
627674: HT. What is the clastic component and cause of colour banding?
627662: HT. Are the hematitic wisps flattened clasts or alteration?
627675: HT. What are the green sericitic wisps? Pumice?
627663: HT. As above - original fragment compositions. Is the dominant alteration sericite or chlorite?
627664: HT - banded carbonate. Is there any evidence for an exhalative origin?
627665: HT - carbonate-rich volcaniclastic. What are the hematite-sericite wisps?
627666: HT - banded carbonate. What is the difference between the purple and pink bands (apart from the colour).
627667: HT. What are the sericitic wisps. Is the hematitic zone a single clast? What is the darker purple band?
627668: Lower Tyndall Group (LTG) - breccia volcaniclastic with carbonate-?jasper matrix fill. Is the large purple clast andesite? Compare to 627680 below. Please describe the breccia matrix texture - is there any jasper or is it just hematitic carbonate?
627669: LTG - hematitic breccia volcaniclastic. What is the clast composition? Please comment on the pervasive hematite ?alteration. Is it hydrothermal alteration?
627676: LTG - hematitic breccia volcaniclastic. As above.
627677: LTG - hematitic breccia volcaniclastic. As above.
627678: LTG. What is this rock? Please describe the alteration in detail.
627679: LTG. I've logged this unit as an andesitic breccia with carbonate-sericite(-pyrite) matrix. Is it andesitic?

627680: LTG - andesite hyaloclastite breccia. Finally a texture I can understand - but is it an andesite? I think this is a less altered example of 627668-9 and 627676-9, what do you think?
627681: LTG. What is the grey cherty material?
627683: LTG. This occurs in the matrix of the andesitic breccia unit. Please describe the carbonate texture and nuclei.
627684: LTG - sheared breccia volcaniclastic with pyrite-carbonate matrix. What is the matrix alteration assemblage? Can you make out the original clast composition?
627686: LTG. What is the grey matrix material?
627687: LTG - silicified crystal sandstone. Any similarities with MTG samples 627653-56?
627688: LTG/Anthony Road Andesite(ARA) - altered coherant andesite. Composition and alteration.
627689: LTG/ARA - altered andesite breccia. As above.
627690: LTG/ARA - altered andesite breccia? What are the white flecks?
627691: LTG/ARA - altered andesite breccia? Composition and alteration.
627692: LTG/ARA - altered andestie?
627693: LTG/ARA - massive dacite? What is the orange coloration? Is it a dacite?
627694: LTG/ARA. Is this a volcaniclastic or an altered coherant rock (dacite-andesite)?
627695: LTG/ARA - sheared/altered ??. What is this?
627696: LTG/ARA - the dark green domain would appear to be coherant porphyritic andesite which passes into a sheared granular domain with orange clots (cf. 627693). What do you make of the textural transition. Is this a domainally altered andesite or a mixed clastic-coherant rock.
627697: LTG/ARA - silica-pyrite altered andesite? What can you see through this alteration?
627700: LTG/ARA - massive silica alteration. Please describe the texture and any evidence for primary rocktype.
627988: ARA - andesitic porphyry.

SUMMARY:

This sample is a matrix-supported but fairly well-supported fine sandstone. Detrital grains are dominated by volcanic quartz and albite, most of which are around 0.2mm across and slightly rounded. The plagioclase is weakly sericitized. Less abundant detrital grains include magnetite, muscovite, zircon, and not uncommon fine-grained felsic volcanics. The magnetite in this rock is definitely detrital, and is clearly concentrated in some more heavy mineral-rich bands along with zircon (strikingly abundant!). The matrix of this sample is now composed of a fine-grained quartzo-feldspathic intergrowth with common interstitial chlorite; fine-grained magnetite is present in places, but is not abundant (relative to the detrital oxides). There are several places where glass shard shapes are preserved, despite the recrystallization of the groundmass, suggesting that the matrix was largely vitric ash. I can't judge why the albite(+qtz) alteration is abundant at the top of the unit, as I haven't seen the base. It may be that the vitric ash component is concentrated in the upper part of the unit, whereas deeper in the unit the matrix is dominantly detrital quartz.

SAMPLE NUMBER: ANTHONY BASIN 627654

SUMMARY:

This sample is a graded volcaniclastic sandstone dominated by detrital quartz and plagioclase, with plagioclase much more abundant than quartz. In the coarser part of the unit, the sandstone is framework supported, and grain overgrowths on both quartz and albite have all but eliminated the groundmass. Occasional bands relatively enriched in detrital magnetite (FeTi oxides) show marginal alteration of the magnetite and redistribution of much finer-grained magnetite into the matrix. The finer-grained part of the rock is more matrix-supported, although the matrix is entirely replaced by chlorite. Detrital tourmaline and minor muscovite indicate at least a minor component likely derived from the Precambrian pelitic metamorphics.

SAMPLE NUMBER: ANTHONY BASIN 627655

SUMMARY:

This sample is a relatively coarse-grained volcaniclastic sedimentary rock with clasts to at least 5cm across. All detritus is derived from felsic, quartz+plagioclase-phyric felsic lavas, many of them largely glassy. The largest clast in the thin section is a plagioclase-phyric formerly glassy dacite in which the glass is totally replaced by chlorite. The remainder of the rock consists of mainly framework-supported sandstone in which detrital albitized plagioclase and quartz phenocrysts are dominant, but detrital FeTi oxides are not uncommon. Occasional lithic clasts are quartz+plagioclase-phyric felsic lavas. As in the previous sample, marginal alteration of the FeTi oxide has led to mobilization and local recrystallization of finer-grained magnetite in the immediate vicinity of the larger detrital FeTi oxide grains. Most detrital quartz shows scalloped margins against the matrix, which consists largely of secondary quartz and albite probably crystallized from vitric ash. Spotty patches of calcite and chlorite are quite common throughout the matrix of this sample. There is no detritus from pelitic metamorphic sources in this sample.

SAMPLE NUMBER: ANTHONY BASIN 627656

SUMMARY:

This sample is a volcaniclastic sandstone that consists almost entirely of a framework-supported accumulation of detrital albitized plagioclase phenocrysts mainly <1.5mm long, and minor recrystallized felsic glassy clasts. The latter are volumetrically subordinate and have recrystallized to a holocrystalline intergrowth of albite crystals. Most albite phenocrysts are weakly rounded, or broken. Only a few small quartz phenocryst fragments are present, and these too have secondary albite prisms growing into them. Detrital FeTi oxides are common, and show limited recrystallization. The matrix is dominated by secondary silica and albite, with abundant chlorite, and minor sericite and calcite.

SAMPLE NUMBER: ANTHONY BASIN 627659

SUMMARY:

This sample is truly a bizarre rock, composed of large 'augen' of strongly carbonate-altered volcaniclastic sandstone sitting discordantly in a strongly foliated carbonate-chlorite matrix. The augen are composed of detrital phenocrysts of quartz and totally sericite-calcite-altered plagioclase, set in a matrix that has been entirely replaced by sericite and calcite. Weak foliation development in carbonate and sericite in the augen is aligned at 10-30º to the foliation in the carbonate host, suggesting that the augen may have rotated during the production of this rock in a fault zone. The host carbonate rock consists entirely of fine-grained calcite(?) with occasional changes in grainsize producing discontinuous bands defining the foliation. Slightly pinkish bands in hand specimen seem to be slightly coarser-grained in thin section, although the carbonate appears no different otherwise between these domains. A few cross-cutting brittle fractures are filled by secondary, coarser-grained calcite. The strong foliation development and accompanying recrystallization of the host carbonate has obliterated any original textures.

SAMPLE NUMBER: ANTHONY BASIN 627660

SUMMARY:

This is a strongly foliated and strongly altered formerly volcanic rock, probably an andesitic to dacitic lava, with calcite veining both parallel to, and transverse to the foliation. Former plagioclase phenocrysts are replaced by sericite and calcite and stretched into the foliation, so that some crystals are remarkably drawn out along the cleavage. There are a few vague suggestions (elongate chlorite clots) that sparse mafic phenocrysts may have been present in this rock. The foliated groundmass of this sample is very strongly altered to sericite and hematite, with common chlorite and fine-grained calcite. Commonly, traces of intergrown groundmass plagioclase lath shapes are preserved, and the texture is that of a non-glassy felsic or intermediate lava flow. Bands of significantly more intense hematite alteration are common through the rock, but have diffuse edges, and are clearly secondary in origin (ie they are not flattened, altered pumice etc). A few cross-cutting brittle fractures are filled by calcite. This was a lava, probably an andesite, and it has something very subtly reminding me of an Anthony Rd-type andesite. This can be simply checked by an analysis, although the intense hematite alteration means that interpretation of the analysis should be made with caution (or after 12 top shelf drinks).

SAMPLE NUMBER: ANTHONY BASIN 627661
SUMMARY:

This sample is another quite bizarre rock, the likes of which I haven't seen before. It is an intensely foliated and altered rock, originally probably a relatively coarse-grained volcaniclastic sediment. Strong carbonate-sericite alteration, probably before foliation development, has obliterated much of the original mineralogy and texture, but clasts are still visible in a few spots, and most appear to have been recrystallized formerly glassy felsic lava. Detrital plagioclase phenocrysts are also present. The matrix of this rock is a foliated mass of sericite, calcite, and boudins and streaks of fine-grained quartz, with abundant chlorite also parallel to the foliation. An intriguing feature of this rock is the common, small (mainly <<0.2mm long), pale brown subhedral almost diamond-shaped crystals scattered through the rock. My best guess is that these are sphene, although they are certainly not typical sphene, which usually lacks such colouration. I can check this with the probe if you want. This rock has clearly recrystallized in a major fault zone.

SAMPLE NUMBER: ANTHONY BASIN 627662

SUMMARY:

This sample was probably originally a coarse volcaniclastic sedimentary rock, with clasts of both plagioclase-phyric felsic lava, and some of fine-grained siltstone or shale. The rock is now strongly foliated, with flattened and stretched clasts of strongly hematite-sericite-altered plagioclase-phyric felsic lava, and hematite-free fine-grained siltstone. The hematite-altered volcanic clasts contains spots of secondary quartz, and common overprinting patches of calcite. The remainder of the rock consists of foliated calcite, with streaks of chlorite and fine-grained hematite parallel to the foliation. Disseminated fine-grained pyrite is not uncommon in this sample. Hematite alteration of volcanic clasts probably preceded incorporation into this sediment, and certainly occurred prior to foliation development in a major fault zone.

SAMPLE NUMBER: ANTHONY BASIN 627663

SUMMARY:

This sample was a felsic or intermediate lava with dominant plagioclase phenocrysts set in an even-textured glassy to microphyric groundmass. Strong foliation development and chlorite-sericite-calcite alteration has made recognition of any former mafic phenocrysts very difficult, although I doubt that they were present in this rock. Plagioclase phenocrysts occur in clots of small albitized crystals, often rotated in the foliation, with tails of sericite extending into the foliation. Most of the rock consists of a still fairly even-textured, fine-grained groundmass, heavily sericitized, with a significant foliation, and abundant tiny brown sphene grains and spots and streaks of chlorite. Foliation-parallel bands composed of dense chlorite and leucoxene probably represent zones of strong dissolution of silica-sericite (pressure solution?), and concentration of insoluble leucoxene and chlorite. Cross-cutting veins of calcite contain a small amount of disseminated hematite.

SAMPLE NUMBER: ANTHONY BASIN 627664

SUMMARY:

This sample is a quite pure foliated limestone, composed of fine- to medium-grained calcite crystals, with foliation defined by discontinuous narrow bands of calcite of variable grainsize, and sheared and 'straightened' stylolites, representing pressure solution-concentrated very fine-grained insoluble minerals. These stylolite microlayers always occur at the margins of bands of coarser-grained calcite, possibly representing products of pressure solution accompanying layer-parallel microshears. The foliation/recrystallization has obliterated any primary textures, so it is impossible to recognize possible exhalative features. However, the striking purity of this limestone probably precludes an exhalative origin.

SAMPLE NUMBER: ANTHONY BASIN 627665

SUMMARY:

This sample was a volcaniclastic sedimentary rock variable from coarse-grained sandstone to grit in grainsize. The sample has been foliated, and intensely and pervasively carbonate-altered, and only occasional clasts are identifiable. Most were strongly hematite+sericite-altered felsic to intermediate glassy lavas, very similar to those in 627662. Hematite-sericite alteration appears to have preceded both foliation development and carbonate alteration. Occasional calcite-altered detrital plagioclase phenocrysts are present, and the pervasive carbonate shows striking and abrupt changes in grainsize and texture; in fact, it is difficult to rule out that some of the carbonate in this sample was not present originally as limestone clasts. Certainly, however, the majority of calcite in this rock is secondary, and has been recrystallized during foliation development in a fault zone.

SAMPLE NUMBER: ANTHONY BASIN 627666

SUMMARY:

This sample is a banded pink and greyish carbonate. The rock shows a moderate foliation defined by preferred orientation and growth of the calcite crystals, and some foliation-parallel variation in grainsize. 'Apart from the colour', the major differences between the pink and the grey domains of this sample are that the grey bands are notably coarser-grained, and contain not uncommon detrital grains of quartz and albite, and less abundant leucoxenitized opaques. Several small clasts of strongly hematite-sericite-altered felsic lava are also present. In contrast, the pink bands are much finer-grained, and lack detrital quartz or albite. The pink colour is imparted by submicroscopic hematite concentrated on grain boundaries. Occasional coarse concentrations of hematite probably contribute to the reddish colouration. Carbonates are clearly really dull rocks.

SAMPLE NUMBER: ANTHONY BASIN 627667

SUMMARY:

The grey-green and pinkish parts of this rock are a strongly altered and foliated volcaniclastic coarse sandstone, with clasts to at least 4-5mm long, most of which are altered formerly glassy felsic lavas. Most clasts were strongly sericite±hematite-altered before incorporation into this sediment, whereas a few others were silica-sericite altered. Foliation development was preceded or accompanied by strong calcite-chlorite alteration, and streaks and bands of these minerals, plus stretching of the clasts, define the foliation. Secondary quartz is patchily distributed through the grey-green areas of the rock. The darker, reddish parts of this sample are much more strongly and finely foliated, and are composed of sericite, chlorite and hematite, with no carbonate or secondary quartz. I think that the protolith of the reddish areas was identical to that of the paler parts of this rock, but the dark (reddish) bands simply represent layers of much stronger foliation and pressure dissolution, from which quartz and calcite were removed, and chlorite and hematite (and sericite) were concentrated. Interestingly, this sample contains a few quite ragged and largely dissolved detrital grains of pleochroic hornblende, like that common in the Anthony Rd andesites.

SAMPLE NUMBER: ANTHONY BASIN 627668
SUMMARY:

This sample is a strongly hematite+sericite-altered, foliated felsic lava that has been invaded and brecciated by carbonate. Former plagioclase phenocrysts in the lava are albitized, and largely overprinted by calcite and sericite. The quite even-textured groundmass is totally replaced by very fine-grained sericite and hematite. Carbonate alteration in the veins and breccia matrix in this sample is quite variable. Several veins have margins showing development of strong botryoidal or colloform textures in the calcite, with the growth bands defined by variable concentrations of fine-grained hematite. Core regions of these veins are composed of rather coarse-grained and strained calcite. In places, the colloform textures have been disrupted by fracturing and disaggregation during continued foliation-parallel faulting, and fine-grained calcite in the colloform calcite has 'exsolved' to form streaks of dense hematite in stretched calcite. There is no jasper in this rock. The 'clast' (it's not obvious in thin section that the 'host' to the carbonate alteration/veining is a clast) is certainly comparable in thin section to the altered lava represented by 627680.

SAMPLE NUMBER: ANTHONY BASIN 627669
SUMMARY:

This sample is a strongly hematite+sericite+calcite-altered dacitic to andesitic lava breccia, probably monomict, in which common former plagioclase phenocrysts are still evident, but positive identification of former mafic phenocrysts is more difficult. There are certainly several rather 'euhedral' sites now filled by calcite, that may have originally been hornblende crystals. Plagioclase phenocrysts are overprinted by sericite, calcite, secondary quartz, and sometimes even chlorite. The weakly foliated groundmass was probably originally glass charged with tiny plagioclase microlites, but strong and very fine-grained to submicro-scopic hematite-sericite alteration has pervaded the groundmass, and common patches and streaks of calcite, some containing lamellae of fine-grained hematite, have overprinted the rock. The hematite alteration is ultimately hydrothermal; whether it formed during syn- or shortly post-eruptional(?) oxidation accompanying vapour streaming through the lavas and breccias (common in many volcanoes), or whether it formed in a much later hydrothermal alteration system, is difficult to judge. I would guess the former, as this style of alteration seems pervasive in this set of rocks.

SAMPLE NUMBER: ANTHONY BASIN 627670

SUMMARY:

This sample is a strongly altered, weakly foliated volcaniclastic sandstone to siltstone, with textures ranging from framework supported in the coarser layers through to slatey in the silty to shale layers. Detrital grains are dominantly broken volcanic quartz and albitized plagioclase phenocrysts, and their abundance varies across the section, from none in the finest-grained layers, to abundant in the coarse sandstone layers. Less abundant clasts include leucoxene-altered FeTi oxide grains, and rare recrystallized felsic glassy lava. One layer containing dispersed, well-formed quartz and plagioclase phenocrysts in a very fine-grained devitrified glass looks strikingly like a welded tuff rather than a volcaniclastic sediment. Dominant alteration is carbonate-chlorite, and these minerals define foliation in the coarser layers, whereas in the slatey layer, streaky chlorite and hematite define the cleavage.

SAMPLE NUMBER: ANTHONY BASIN 627672

SUMMARY:

This sample is clearly a strongly altered volcaniclastic sandstone appears to be the contact between a large clast of crystal tuff, and more altered and finer-grained volcaniclastic sandstone to siltstone. The crystal tuff is a well-preserved rock with rounded and broken quartz phenocrysts and partially altered albitized plagioclase phenocrysts set in a very fine-grained and even-textured groundmass with a texture suggestive of a welded tuff. The remainder of the rock is a much more altered and more strongly foliated volcaniclastic sandstone with stretched clasts of sericite- and sericite+hematite-altered lava, and detrital plagioclase phenocrysts (sericitized) in a matrix composed of sericite, calcite, streaky chlorite, and abundant small brown grains of sphene. Cross-cutting veinlets of calcite are kinked and sheared, suggesting emplacement late in the foliation development of this sample.

SAMPLE NUMBER: ANTHONY BASIN 627673

SUMMARY:

This is a strongly foliated and carbonate-altered coarse-grained volcaniclastic sedimentary rock with stretched clasts to almost 1cm long. The large clast or band of carbonate rock shows little textural variation apart from a definite coarsening in the grainsize approaching its margins. However, there is shadowy evidence of a former layering in the carbonate at a high angle to the margins of this body, and it may be a clast of limestone rather than a vein/alteration carbonate. Certainly the grainsize and general uniformity of this carbonate mass are strikingly different from the alteration carbonate. The remainder of this rock consists of a volcaniclastic sandstone with detrital grains of quartz phenocrysts, albitized plagioclase phenocrysts, and stretched felsic lava fragments that vary from strongly sericite-altered, through to strongly hematite-altered. Granular brown sphene is abundant, and the strong foliation is defined by chlorite, sericite, carbonate and the flattened and stretched clasts. Carbonate in this part of the rock is texturally highly variable, rather dirty looking, and more strained than that in the carbonate clast.

SAMPLE NUMBER: ANTHONY BASIN 627674

SUMMARY:

This sample is an intensely carbonate-altered volcaniclastic sandstone with detrital albitized plagioclase and devitrified felsic lava fragments as the dominant clast population. There is no detrital quartz in this rock. Sericite and chlorite form a spaced foliation wrapping around clasts, and abundant and rather coarse-grained calcite overprints large areas of the sample. The remainder of this rock consists of banded carbonate, in which colour variation reflects grainsize, with the finer-grained bands and layers being more pinkish, due to submicroscopic hematite on grain boundaries. The carbonate is foliated, and stretched and augen-shaped bands of coarser-grained calcite occur in finer-grained domains in which calcite appears intergrown with exceptionally fine-grained sericite. I think that in this sample, the carbonate is remobilized secondary (ie. alteration-related) carbonate that has recrystallized in a high-strain zone, with grainsize variations due to recrystallization in situ in foliation parallel microshears.

SAMPLE NUMBER: ANTHONY BASIN 627675

SUMMARY:

This sample is an intensely altered and foliated andesite lava. Former plagioclase phenocrysts, many stretched to several times their original length, are totally replaced by sericite and calcite; they make up at least 15 modal% of this sample. Other phenocrysts replaced entirely by coarse-grained calcite may have been hornblende, although their is no convincing proof of this guess. The groundmass of this sample is now a strongly foliated chlorite-sericite-calcite intergrowth with abundant fine-grained, brown, granular sphene. I suggest that this was a plagioclase+hornblende-phyric andesitic lava that suffered strong chlorite alteration before being involved in deformation and foliation development in a fault zone.

SAMPLE NUMBER: ANTHONY BASIN 627676

SUMMARY:

This sample is an intensely altered and strongly foliated former volcanic rock, that was probably a dacitic to andesitic lava. Former plagioclase phenocrysts are stretched and altered, so that most are elongate masses of sericite and subordinate calcite. It is not possible to judge whether any mafic phenocrysts were present in this rock. The groundmass is now a foliated, fairly even-textured sericite-hematite intergrowth with scattered granular sphene, and streaks of chlorite. Foliation parallel layers (former veinlets?) of calcite and possibly another carbonate (more brownish...siderite?), often peppered with submicroscopic hematite, are quite common, The hematite was probably disseminated throughout the altered groundmass of this lava before foliation development, and layers of intense pressure solution saw concentration of hematite, often on the margins of calcite bands.

SAMPLE NUMBER: ANTHONY BASIN 627677
SUMMARY:

This sample is essentially identical to the preceding sample. It was a plagioclase-phyric andesitic to dacitic lava. Intense sericite-hematite alteration of the groundmass, scattered granular leucoxene-sphene, foliation-parallel calcite veining with common hematite dust throughout, and some suggestion of former hornblende phenocryst, all suggest derivation from a hematite-sericite-calcite-altered dacitic to andesitic lava. En echelon cross-cutting calcite veinlets transect the sample.

SAMPLE NUMBER: ANTHONY BASIN 627678

SUMMARY:

This sample is a felsic to intermediate metavolcanic rock that has suffered strong alteration and foliation development. Occasional former plagioclase phenocrysts are replaced by sericite and calcite, but the original texture is almost totally obliterated by strong foliation development, defined by sericite-chlorite intergrowths and lozenge-shaped calcite spots that are probably disrupted veinlets. Small sugary spots of secondary quartz are abundant in the sericite and chlorite, and granular brownish sphene crystals are disseminated throughout the rock. The alteration of this sample is little different to most of the preceding samples, except that chlorite is probably slightly more abundant in this rock. Much of the calcite contains spheroidal shells of very fine-grained hematite; these may be diffusion fronts growing from hematite released during recrystallization of the carbonate.

SAMPLE NUMBER: ANTHONY BASIN 627679

SUMMARY:

Intense carbonate alteration and veining make it very difficult to be certain about the protolith of this sample. It was certainly a plagioclase-phyric lava or lava breccia, but whether it was felsic (dacitic) or andesitic, it is impossible to be sure. The best preserved parts of the thin section show that the rock was a strongly chlorite-altered plagioclase-phyric lava with occasional chlorite-filled vesicles. However, the variation in groundmass texture, and in the abundance of phenocrysts of plagioclase across the slide, suggests that this is probably a lava breccia rather than a coherent lava. Some fragments are intensely chloritized, others are less chloritic and more sericitic. Calcite overprints groundmass, matrix between fragments, and also occurs as deformed and disrupted veinlets. The rock is weakly foliated, and contains small disseminated patches of pyrite aggregates.

SAMPLE NUMBER: ANTHONY BASIN 627680
SUMMARY: This sample is considerably less foliated than most of the preceding samples, although it still shows strong chlorite-calcite alteration. The protolith was a quite strongly plagioclase-phyric andesitic lava; plagioclase phenocrysts are altered to calcite in many instances, and contain abundant chlorite patches. There were definitely former mafic phenocrysts in this sample (albeit not many), and they are totally replaced by chlorite. Crystal shapes and alteration styles do not suggest hornblende to me, perhaps more likely they were augite. Similarly, the absence of the ubiquitous rounded and resorbed quartz phenocrysts in these and the last 4 or 5 samples, suggests to me that the rock was not a hornblende andesite (Anthony Rd -type);this is easily testable by chemical fingerprinting. Rather, it reminds me of a Tullah-type or Que Footwall Andesite-type evolved andesitic lava. The groundmass of this sample is quite coarse-grained , and I would think this rules out a hyaloclastite origin. The brecciation apparent in the hand specimen and thin section is probably false brecciation produced during later hydro-thermal alteration. I strongly support your contention that this sample is a better preserved example of the much more foliated and altered rocks 627676-79.

SAMPLE NUMBER: ANTHONY BASIN 627681
SUMMARY: This sample appears to be the contact between a coarse volcaniclastic sandstone, and a volcaniclastic siltstone to shale. The former consists of stretched and altered detrital albitized plagioclase phenocrysts, and small lithic clasts of devitrified felsic lava, set in a very messy, foliated matrix riddled with sericite, chlorite, leucoxene, secondary silica, and trails of fine-grained pyrite. The fine-grained domain is definitely a pelitic sediment that has suffered sericite-alteration and foliation development. Chlorite-calcite veins are affected by the foliation, showing strain, disruption, and transposition. Importantly, several foliation-parallel veinlets consist of quartz, calcite, euhedral strongly pleochroic *tourmaline* and another as yet unidentified low relief, rather high birefringent silicate(?). In several other slides (e.g. 672-79), I thought I saw small and unconvincing tourmaline grains, not in veins as in this sample, but I did not mention them as I was unsure that they were anything special. This sample is distinctive, and the tourmaline suggests that the foliation development is granite-related. I know of no Cambrian tourmaline occurrence in W Tasmania that is not ultimately tied to granite.

SAMPLE NUMBER: ANTHONY BASIN 627683

SUMMARY:

This sample was probably a volcanic breccia made up of fragments <1cm across of plagioclase-phyric andesitic to dacitic lavas. Most had very fine-grained or glassy groundmasses, and most have been strongly hematite-altered. However, more than 90% of the sample has been intensely overprinted by carbonate-chlorite alteration in which carbonate is by far the dominant phase. Coarse calcite(?) grains are most composed of core regions (>80% of the grain) that are charged with ultra-fine-grained hematite; recrystallized rims, veinlets, and pressure solution zones are free of hematite. Chlorite is bright green, and quite coarse-grained; it occurs as patches in massive calcite, and is itself often streaked with hematite.

SAMPLE NUMBER: ANTHONY BASIN 627684

SUMMARY:

This sample is so intensely foliated as to be termed a phyllonite. It consists of dominant sericite and very fine-grained quartz, with abundant pyrite occurring as trails usually associated with more chloritic layers. The foliated sericite matrix contains remarkably stretched former plagioclase phenocrysts, and is peppered with messy leucoxene grains. Several domains with less severe recrystallization and foliation development are clearly former plagioclase-phyric dacitic or andesitic lava fragments. Bands of calcite overprint the sample and often contain abundant fine-grained pyrite. Chlorite often occurs intergrown with the calcite.

SAMPLE NUMBER: ANTHONY BASIN 627686

SUMMARY:

This sample is a sericite-pyrite±calcite±chlorite phyllonite derived from a dacitic lava breccia. Both lithic fragments and former plagioclase phenocrysts are identifiable as extremely stretched sericite-rich streaks, the difference being that traces of groundmass lath plagioclase crystallites are still evident in the lava fragments. Pyrite occurs as trains and trails (!) of very fine- through to 0.2mm sized grains. It is set in an intensely foliated sericite matrix, with occasional streaks of chlorite. Calcite occurs as occasional larger patches with chlorite rims.

SAMPLE NUMBER: ANTHONY BASIN 627687

SUMMARY:

This sample is a weakly foliated, matrix-supported volcaniclastic sandstone in which the dominant framework clasts are detrital albitized plagioclase phenocrysts and much less abundant felsic lava clasts. There are no detrital volcanic quartz phenocrysts. The matrix of this sample is a fairly fine-grained quartzo-feldspathic intergrowth with abundant spotty calcite, and more streaky sericite and chlorite, as well as common disseminated fine-grained pyrite. Although no primary textural details are preserved, the matrix may have had a major vitric ash component. Of samples 627653-56, only the last (56) bears any similarity to this rock. The others carry abundant detrital volcanic quartz. Sample 56 lacks significant detrital quartz, but is far more crystal-rich and matrix poor than 627687. It is also far less altered than 687.

SAMPLE NUMBER: ANTHONY BASIN 627688

SUMMARY:

This sample is a well-foliated and quite altered andesitic lava, probably a plagioclase+hornblende+FeTi oxide-phyric andesite. Former plagioclase phenocrysts are totally sericitized and stretched to several times their original dimensions. Much less abundant are lozenge (not Strepsils)-shaped chloritized crystals that were probably hornblende, although this is not the most convincing case of chlorite replacing hornblende that I have seen. Former FeTi oxides are altered to aggregates of granular leucoxene. The groundmass of this lava now consists of a sericite-chlorite aggregate in which albitized plagioclase microlites are preserved. Spotty calcite alteration overprints parts of the section, and several foliation-parallel bands of chlorite-pyrite±calcite are present. Trails of fine-grained pyrite parallel the foliation. A laminated veinlet of quartz transecting the sample is clearly pre-foliation, and transposed by it.

SAMPLE NUMBER: ANTHONY BASIN 627689

SUMMARY:

This sample is a strongly pyritic sericite schist derived from a plagioclase-phyric andesite or dacite lava. To be honest, there is no way I can identify former hornblende phenocrysts in this sample, although that's not surprising given the intense foliation and sericite alteration. The rock consists of dense sericite with abundant brown carbonate and clearer calcite replacing stretched phenocrystal plagioclase (and mafics?), and abundant pyrite occurring as bands and trails, as well as finer-grained disseminated material. The carbonate in this notably pyrite-rich sample is quite pleochroic compared to that in most other samples in this set. A change from calcite outside the ore zone, to more ankeritic or sideritic carbonate in the ore zone, is reported in several VHMS-type orebodies (no implications meant here), with Teutonic Bore being a good example.

SAMPLE NUMBER: ANTHONY BASIN 627690

SUMMARY:

This sample is an intensely foliated, strongly pyritic sericite-quartz-carbonate-pyrite schist. With the exception of a few partially altered augen-shaped former plagioclase phenocrysts, all primary textural details of this sample have been obliterated. I cannot recognize any former hornblende phenocrysts, neither are there any signs of quartz or apatite phenocrysts, so I can't claim any connection with the Anthony Rd andesites, although of course such a link cannot be ruled out. The rocks is dominated by massive foliated sericite with bands of rather pleochroic carbonate and abundant bands and trails of mainly fine-grained euhedral pyrite crystals; the latter often have pressure fringes of ribbon quartz. Abundant foliation-parallel stylolitic concentrations of insoluble material, mainly opaque oxides and or leucoxenitic material, occur throughout the rock.

SAMPLE NUMBER: ANTHONY BASIN 627691

SUMMARY:

This is a well-foliated and altered plagioclase-phyric dacitic to andesitic lava. Former plagioclase phenocrysts are obvious and abundant, and all are replaced by fine-grained sericite, pleochroic carbonate, and some messy isotropic clayey material or ultra fine-grained epidote. Although the plagioclase phenocrysts are stretched to some extent, the foliation mostly curves and wraps around them. No convincing former mafic phenocrysts can be seen, and chlorite is rare in this sample. Most of the rock consists of rather brownish, dense, foliated sericite, with common bands of less (but still quite) sericitic, more calcite-quartz-rich material containing abundant fine-grained pyrite euhedra. A few coarsely crystalline veinlets of clear, non-pleochroic calcite cut this sample. Again, I am not convinced that this plagioclase-phyric dacitic to andesitic lava was a typical Anthony Rd andesite.

SAMPLE NUMBER: ANTHONY BASIN 627692

SUMMARY:

This sample is a much less-foliated and more easily diagnosed sample than most of the preceding rocks. It is clearly a plagioclase-phyric andesitic to dacitic lava, with moderate sericite-chlorite alteration in least-altered parts, but a near-pervasive meshwork of more intense alteration has produced localized false brecciation. Plagioclase phenocrysts (>10 modal%) are up to 1.5mm long, and are all albitized, then overprinted by abundant fine-grained chlorite-calcite and sericite. A few definite former mafic phenocrysts are preserved, and these are best interpreted as having been hornblende; they are now basically chlorite. A few quartz-lined, chlorite-filled vesicles are still evident, although much stretched. The groundmass, charged with small plagioclase laths, is heavily sericite-calcite±chlorite-altered throughout most of the rock, but in zones of fluid ingress separating fragments, clearer sericite-quartz-pyrite dominates.

SAMPLE NUMBER: ANTHONY BASIN 627693

SUMMARY:

This sample is a massive dull brick red dacitic rock with common albitized plagioclase phenocrysts set in a holocrystalline groundmass of plagioclase, quartz, and abundant alteration-related sericite, minor colourless chlorite, and at least two distinct carbonates, one clear and crystalline, the other more massive, dull brownish olive, and rather pleochroic. Common leucoxene-altered FeTi oxides occur throughout the rock. The texture of this sample is clearly that of a shallow intrusive rock (dyke or plug). The reddish colour is due to submicroscopic hematite in almost all the albite in this rock. The particularly weak development of foliation in this sample relative to the others in this set is interesting.

SAMPLE NUMBER: ANTHONY BASIN 627694

SUMMARY:

Although it is by no means definitive, I suggest that this quite strongly foliated sample was a volcaniclastic sandstone rather than a coherent lava. Reasons are (i) that the plagioclase phenocrysts appear to be rather too abundant to have been phenocrysts in this rock, and are better judged to be detrital, and (ii) that there is some evidence that the altered FeTi oxides occur more commonly in certain bands (along with apatite and zircon), suggesting mechanical concentration rather than crystallization from a magma. The rock shows intense recrystallization of the matrix to very fine-grained quartz riddled with sericite and chlorite that define a foliation. A few chloritized former mafic phenocrysts are present, and granular rather yellowish sphene is crystallizing from leucoxenitic material. Late calcite-chlorite veinlets cut the rock, mainly parallel to the foliation. Much of the albite in this sample is quite reddish due to ultra fine-grained hematite inclusions.

SAMPLE NUMBER: ANTHONY BASIN 627695

SUMMARY:

This sample is very difficult to diagnose with confidence. It was either a volcaniclastic sandstone with abundant detrital plagioclase phenocrysts in a vitric ash-dominated matrix, or alternatively a plagioclase-phenocryst-dominated andesitic to dacitic lava. Strong foliation development and intense chlorite alteration of some parts of the rock, and sericite alteration of others, make it difficult to choose between these alternatives. The more evenly distributed and less abundant plagioclase phenocrysts in this rock compared to 694, plus the relatively even-textured (despite the alteration) groundmass, make me lean towards a lava origin for this sample. The groundmass is a sugary quartz-dominated intergrowth with abundant overprinting chlorite and calcite. Some euhedral apatite crystals are present, but no convincing former mafic phenocrysts have been noted.

SAMPLE NUMBER: ANTHONY BASIN 627696

SUMMARY:

The more massive parts of this sample are a quite strongly plagioclase-phyric dacitic lava with a microlitic groundmass of albitized plagioclase laths in interstitial glass that has altered to chlorite, quartz and sericite. Plagioclase phenocrysts are heavily overprinted by sericite, calcite and minor chlorite. The more strongly foliated parts of this sample are not derived from the coherent lava clast in this sample; at least three or four texturally different clasts are present in the foliated domain, all plagioclase-phyric dacitic lavas, but with significantly different modal abundances of plagioclase phenocrysts and different groundmass textures. Extensive dissolution of groundmass or matrix in the foliated domain has left aggregates of plagioclase phenocrysts around which the foliation wraps. Plagioclase phenocrysts and crystal aggregates in the foliated zones are reddish coloured, due to abundant submicroscopic hematite. The inter-crystal matrix in the foliated zones is also very hematite- and chlorite-rich due to pressure solution concentration of insoluble phases. This sample was probably a polymict dacitic lava breccia rather than a coherent lava. Strain has partitioned into discrete zones, rather than being pervasive throughout the sample, as in most rocks in this set.

SAMPLE NUMBER: ANTHONY BASIN 627697

SUMMARY:

This sample was probably a slightly vesicular plagioclase±quartz± hornblende-phyric andesitic lava. It has suffered intense silica-pyrite alteration and foliation development, and consists of bands of dense, foliated sericite with common scattered pyrite grains to 0.4mm across, many of which have quartz pressure fringes. Occasional flattened lenses composed of more coarsely crystalline silica and pyrite, often with abundant reddish albite, occur aligned in the foliation. A few largely resorbed remnants of quartz phenocrysts are evident, and all plagioclase phenocrysts are replaced by fine-grained silica, calcite and pyrite. Probable hornblende phenocrysts (uncommon) are replaced by chlorite. A few small spots of colourless sphalerite were also noted in this slide.

SAMPLE NUMBER: ANTHONY BASIN 627700

SUMMARY:

This sample was a glassy plagioclase-phyric dacitic lava breccia. Strong silica±calcite±pyrite±sericite alteration makes textural interpretation difficult, but distinct changes in both groundmass texture and phenocryst abundances across the thin section suggest that this was a lava breccia rather than a coherent massive lava. Most of the rock has a patchy mosaic texture of interlocking ragged quartz, disseminated pyrite and spotty overprinting calcite. Chlorite occurs with hematite on microshears or pressure solution stylolites. The sample is free of any foliation.

SAMPLE NUMBER: ANTHONY BASIN 627988

SUMMARY:

This sample is a foliated and strongly sericite-chlorite-altered andesitic lava with abundant altered plagioclase phenocrysts and much less abundant chloritized mafic phenocrysts and leucoxene-altered FeTi oxides. Plagioclase phenocrysts are partly replaced by sericite and calcite. Former mafic phenocrysts are replaced by chlorite, though crystal shapes are not particularly diagnostic of hornblende; in fact, some are definitely more augite-like in my opinion. The groundmass is heavily chlorite-sericite-altered, and contains common blebs of secondary quartz, up to almost 0.5mm across. I am not totally convinced that this was an Anthony Rd-type hornblende andesite: chemistry could be more decisive in this instance.

APPENDIX II

ABERFOYLE EXPLORATION

DRILL CORE SAMPLE LEDGER

LICENCE EL5/85

NAME Lake Margaret

DATE 13/1/1995

DESCRIPTION

Newton Creek Core

TOTAL 85 samples

NOTES P reported as P2O5 (%)
Cr-free bowls

ANALYSES REQUIRED

ELEMENT	METHOD
Cu	GA101
Pb	GA101
Zn	GA101
Ag	GA101
Ba	GX401
Au	GG309
As	GX401
Cr	GX401
Zr	GX401
Whole Rock	OX408

DDH	FROM (m)	TO (m)	SAMPLE#	TYPE	CASING	SPLIT
NC1	0	7.7	627355	CG	HW-HQ	0
NC1	7.7	18.8	627356	CG	HQ	0
NC1	18.8	26	627357	CG	HQ	0
NC1	26	35	627358	CG	HQ	0
NC1	35	50	627359	CG	HQ	0
NC1	50	60	627360	CG	HQ	0
NC1	60	70	627361	CG	HQ	0
NC1	70	78.4	627362	CG	HQ	0
NC1	78.4	84.3	627363	CG	HQ	0
NC1	84.3	99.1	627364	CG	HQ	0
NC1	99.1	104.9	627365	CG	HQ	0
NC1	104.9	110.7	627366	CG	HQ	0
NC1	110.7	124.3	627367	CG	HQ	0
NC1	124.3	130	627368	CG	HQ	0
NC1	130	133	627369	CG	HQ	0
NC1	133	138.8	627370	CG	HQ	0
NC1	138.8	145.2	627371	CG	HQ	0
NC1	145.2	151.6	627372	CG	HQ	0
NC1	151.6	165.5	627373	CG	HQ	0
NC1	165.5	177.9	627374	CG	HQ	0
NC1	177.9	189.2	627375	CG	HQ	0
NC1	189.2	198.8	627376	CG	HQ	0
NC1	198.8	206.4	627377	CG	HQ-NQ	0
NC1	206.4	213.4	627378	CG	NQ	0
NC1	213.4	223.1	627379	CG	NQ	0
NC1	223.1	230.9	627380	CG	NQ	0
NC1	230.9	235.4	627381	CG	NQ	0
NC1	235.4	242.2	627382	CG	NQ	0
NC1	242.2	253	627383	CG	NQ	0
NC1	253	267	627384	CG	NQ	0
NC1-STAN	-999	-999	627385	ST	ST	-999
NC1	267	274.2	627386	CG	NQ	0
NC1	274.2	281.8	627387	CG	NQ	0
NC1	281.8	292.3	627388	CG	NQ	0
NC1	292.3	295.1	627389	CG	NQ	0
NC1	295.1	296.9	627390	CG	NQ	0
NC1	296.9	299.4	627391	CG	NQ	0
NC1	299.4	301.4	627392	CG	NQ	0
NC1	301.4	304.7	627393	CG	NQ	0
NC1	304.7	306.9	627394	CG	NQ	0
NC1	306.9	308	627395	CG	NQ	0
NC1	308	312	627396	CG	NQ	0
NC1	312	316.8	627397	CG	NQ	0
NC1	316.8	317.4	627398	CG	NQ	0

DDH	FROM (m)	TO (m)	SAMPLE#	TYPE	CASING	SPLIT
NC1	317.4	325	627399	CG	NQ	0
NC1	325	331	627400	CG	NQ	0
NC1	331	335.2	627401	CG	NQ	0
NC1	335.2	339	627402	CG	NQ	0
NC1	339	346.4	627403	CG	NQ	0
NC1	346.4	349	627404	CG	NQ	0
NC1	349	350.8	627405	CG	NQ	0
NC1	350.8	358.9	627406	CG	NQ	0
NC1	358.9	363.2	627407	CG	NQ	0
NC1	363.2	363.6	627408	CG	NQ	0
NC1	363.6	368.9	627409	CG	NQ	0
NC1	368.9	372	627410	CG	NQ	0
NC1	372	379.5	627411	CG	NQ	0
NC1	379.5	382.7	627412	CG	NQ	0
NC1	382.7	389	627413	CG	NQ	0
NC1	389	395.1	627414	CG	NQ	0
NC1	395.1	401	627415	CG	NQ	0
NC1-STAN	-999	-999	627416	ST	ST	-999
NC1	401	411	627417	CG	NQ	0
NC1	411	422	627418	CG	NQ	0
NC1	422	437	627419	CG	NQ	0
NC1	437	453	627420	CG	NQ	0
NC1	453	460	627421	CG	NQ	0
NC1	460	468.8	627422	CG	NQ	0
NC1	468.8	477.7	627423	CG	NQ	0
NC1	477.7	490	627424	CG	NQ	0
NC1	490	499.3	627425	CG	NQ	0
NC1	499.3	505.5	627426	CG	NQ	0
NC1	505.5	515	627427	CG	NQ	0
NC1	515	525	627428	CG	NQ	0
NC1	525	535	627429	CG	NQ	0
NC1	535	546	627430	CG	NQ	0
NC1	546	548.9	627431	CG	NQ	0
NC1	548.9	550.9	627432	CG	NQ	0
NC1	550.9	559.2	627433	CG	NQ	0
NC1	559.2	569.9	627434	CG	NQ	0
NC1	569.9	582.9	627435	CG	NQ	0
NC1	582.9	591.6	627436	CG	NQ	0
NC1	591.6	596.6	627437	CG	NQ	0
NC1	596.6	604	627438	CG	NQ	0
NC1	604	611	627439	CG	NQ	0

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ANALYTICAL REPORT No. 100560.60.10651

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

INVOICE TO:
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

ORDER No.	PROJECT
7447	

DATE RECEIVED	RESULTS REQUIRED
16/01/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
12	17/02/95	1	85

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
627355/439	CG Prep : GP031	Cu,Pb,Zn,Ag/GA101 Au,Au(R)/GG309 Ba,As,Cr,Zr/GX401 Ti/GX408 WHOLE ROCK/GX408

RESULTS TO
Mr R de Bomford
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS TO

RESULTS TO

REMARKS

Ba/GX401 results on samples 627379,627386 and 627428 are >5000ppm and were omitted in order to perform AMIRA disc report.

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10651	17/02/95	7447	1 OF 12

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Cr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	627355	27	<5	212	<2	<0.008	-	504	8	24
2	627356	14	10	186	<2	<0.008	-	1431	8	22
3	627357	12	<5	172	<2	<0.008	-	4511	6	15
4	627358	11	<5	149	<2	<0.008	-	3079	5	26
5	627359	16	30	174	<2	<0.008	-	2696	4	19
6	627360	14	5	124	<2	<0.008	-	2981	8	23
7	627361	17	<5	117	<2	<0.008	-	1022	5	18
8	627362	10	<5	119	<2	<0.008	-	594	<2	21
9	627363	18	5	132	<2	<0.008	-	597	4	13
10	627364	11	44	134	<2	<0.008	-	371	5	28
11	627365	15	29	139	<2	<0.008	-	556	6	36
12	627366	15	23	136	<2	<0.008	<0.008	632	<2	23
13	627367	12	15	119	<2	<0.008	-	1496	5	22
14	627368	12	25	109	<2	<0.008	-	989	10	25
15	627369	30	9	148	3	<0.008	-	437	9	26
16	627370	21	21	181	<2	<0.008	-	1057	8	26
17	627371	13	<5	167	<2	<0.008	-	1235	8	15
18	627372	24	24	158	<2	<0.008	-	691	5	23
19	627373	29	21	174	<2	<0.008	-	1307	9	21
20	627374	45	9	169	<2	<0.008	-	1859	12	31
21	627375	50	13	210	<2	<0.008	-	1389	9	19
22	627376	20	13	197	<2	<0.008	<0.008	2652	9	26
23	627377	35	11	163	<2	<0.008	-	3828	10	28
24	627378	50	27	198	<2	<0.008	-	2698	7	26
25	627379	87	49	216	<2	<0.008	-	6033	10	23

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10651	17/02/95	7447	2 OF 12

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Cr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	627380	59	11	156	<2	<0.008	-	2892	7	23
2	627381	40	<5	169	<2	<0.008	-	1992	10	30
3	627382	40	<5	167	<2	<0.008	-	4632	10	25
4	627383	46	<5	153	6	<0.008	-	3097	7	20
5	627384	31	<5	150	<2	<0.008	-	3046	6	26
6	627385 * STD	123	187	2181	<2	<0.008	-	1243	33	933
7	627386	63	12	123	<2	<0.008	-	7974	12	26
8	627387	62	6	185	<2	<0.008	-	3374	10	26
9	627388	124	16	187	<2	<0.008	-	1100	10	22
10	627389	12	7	23	<2	<0.008	-	2991	9	15
11	627390	73	7	81	<2	<0.008	-	1292	19	28
12	627391	14	<5	83	<2	<0.008	<0.008	365	10	17
13	627392	22	6	133	<2	<0.008	-	824	14	22
14	627393	48	52	80	<2	<0.008	-	331	12	23
15	627394	38	12	68	<2	<0.008	-	648	22	19
16	627395	20	5	19	<2	<0.008	-	69	10	14
17	627396	40	<5	99	<2	<0.008	-	537	7	21
18	627397	59	6	63	<2	<0.008	-	416	5	14
19	627398	16	<5	12	<2	<0.008	-	11	<2	<5
20	627399	41	<5	81	<2	<0.008	-	353	8	9
21	627400	62	<5	68	<2	<0.008	-	383	9	9
22	627401	39	<5	46	<2	<0.008	<0.008	140	8	17
23	627402	100	49	121	<2	<0.008	-	322	18	20
24	627403	39	<5	79	<2	<0.008	-	926	11	18
25	627404	67	<5	68	<2	<0.008	-	309	12	21

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10651	17/02/95	7447	3 OF 12

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Cr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	627405	39	19	46	<2	<0.008	-	58	26	18
2	627406	217	6	100	<2	<0.008	-	446	10	16
3	627407	140	<5	100	<2	<0.008	-	257	9	13
4	627408	345	37	91	<2	0.030	-	234	50	11
5	627409	132	<5	79	<2	<0.008	-	364	13	13
6	627410	43	21	37	<2	<0.008	-	157	29	14
7	627411	144	21	197	<2	<0.008	-	1140	17	20
8	627412	45	<5	192	<2	<0.008	-	3440	13	13
9	627413	168	<5	192	<2	<0.008	-	516	17	15
10	627414	133	<5	183	<2	<0.008	-	694	11	17
11	627415	140	20	106	<2	<0.008	-	656	19	13
12	627416 ¥ SD	121	185	2130	<2	0.009	0.009	1231	21	917
13	627417	84	9	94	<2	<0.008	-	369	13	12
14	627418	86	<5	77	<2	<0.008	-	471	14	14
15	627419	18	20	17	<2	<0.008	-	37	7	18
)	627420	23	5	28	<2	<0.008	-	89	5	25
17	627421	15	7	31	<2	<0.008	-	161	7	12
18	627422	8	8	35	<2	<0.008	-	332	21	15
19	627423	8	9	40	<2	<0.008	-	203	13	12
20	627424	15	9	107	<2	<0.008	-	700	16	13
21	627425	13	<5	152	<2	<0.008	-	1180	12	12
22	627426	273	<5	146	<2	<0.008	<0.008	990	14	19
23	627427	24	7	112	<2	<0.008	-	1520	10	14
24	627428	47	9	82	<2	<0.008	-	7560	11	9
25	627429	78	8	95	<2	<0.008	-	467	8	15

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10651	17/02/95	7447	4 OF 12

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Cr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	627430	111	5	79	<2	<0.008	-	531	10	9
2	627431	405	31	46	<2	<0.008	-	96	11	<5
3	627432	15	10	125	<2	<0.008	-	601	12	13
4	627433	68	59	88	<2	<0.008	-	397	16	17
5	627434	30	11	96	<2	<0.008	-	824	14	17
6	627435	101	8	87	<2	<0.008	-	657	12	13
7	627436	189	14	136	<2	<0.008	-	436	11	16
8	627437	179	20	133	<2	0.009	-	412	21	18
9	627438	202	9	128	<2	<0.008	-	438	9	19
10	627439	142	6	105	<2	<0.008	-	493	14	17
11										
12										
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	4	5	4	2	0.008	0.008	10	2	5
25	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Results in ppm unless otherwise specified
– = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

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

762067

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10651	17/02/95	7447	5 OF 12

	SAMPLE No.	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO	K2O
METHOD		GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	627355	400	3255	17.00	66.80	0.54	3.95	0.05	0.19	0.76
2	627356	408	3033	16.10	66.60	0.51	4.94	0.08	0.21	1.16
3	627357	412	3314	15.90	66.50	0.55	4.87	0.09	0.24	1.14
4	627358	394	5243	15.00	68.00	0.87	4.72	0.07	0.19	2.11
5	627359	337	2556	14.40	69.00	0.43	4.78	0.10	0.15	2.34
6	627360	313	2758	14.00	69.90	0.46	4.56	0.08	0.18	1.16
7	627361	301	2960	13.60	70.50	0.49	4.68	0.07	0.16	1.43
8	627362	297	3423	13.90	69.00	0.57	5.25	0.07	0.31	0.96
9	627363	276	3799	13.90	68.00	0.63	5.62	0.09	0.92	0.39
10	627364	236	5344	16.30	60.30	0.89	7.81	0.14	1.03	0.58
11	627365	255	5893	16.50	58.90	0.98	8.28	0.15	0.97	0.85
12	627366	263	4648	16.50	61.50	0.78	6.92	0.11	0.85	0.95
13	627367	345	4256	16.70	62.80	0.71	6.43	0.12	0.56	1.87
14	627368	275	4243	16.60	62.60	0.71	6.26	0.12	0.52	1.39
15	627369	259	4436	16.20	61.30	0.74	6.72	0.15	1.33	0.73
	627370	229	5567	16.50	59.10	0.93	8.28	0.18	1.06	1.22
17	627371	289	5024	17.00	59.80	0.84	7.73	0.17	0.63	1.53
18	627372	318	5668	16.80	57.60	0.95	8.29	0.17	0.99	1.03
19	627373	225	6080	16.50	56.40	1.01	9.12	0.17	1.24	0.67
20	627374	327	4694	16.50	61.10	0.78	6.67	0.12	0.75	1.75
21	627375	261	5696	16.90	57.40	0.95	8.24	0.14	1.36	1.40
22	627376	319	5036	17.40	57.80	0.84	7.97	0.13	0.65	1.90
23	627377	254	4732	16.60	57.70	0.79	6.66	0.16	3.00	0.29
24	627378	218	5342	16.30	57.40	0.89	7.44	0.14	2.95	0.31
25	627379	232	5258	16.20	57.80	0.88	7.07	0.15	2.94	0.37

Results in ppm unless otherwise specified
= element not determined

IS = insufficient sample
SNR = sample not received

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762068

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10651	17/02/95	7447	6 OF 12

	SAMPLE No.	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO	K2O
METHOD		GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	627380	257	4590	16.20	59.60	0.77	5.63	0.14	3.51	0.27
2	627381	281	5174	16.80	60.10	0.86	7.11	0.12	1.39	0.67
3	627382	331	4706	16.40	61.00	0.79	6.92	0.11	0.80	1.69
4	627383	294	4499	16.60	61.10	0.75	6.58	0.12	1.30	1.10
5	627384	233	4796	15.50	58.10	0.80	7.51	0.16	3.13	0.79
6	627385 SXD	96	2620	15.10	51.80	0.44	9.87	0.83	3.91	1.20
7	627386	306	4352	15.70	63.10	0.73	5.20	0.11	2.35	0.84
8	627387	268	6350	15.00	58.10	1.06	7.97	0.16	3.69	0.59
9	627388	260	3884	14.40	59.70	0.65	5.81	0.13	4.93	0.63
10	627389	55	719	3.31	13.70	0.12	1.45	0.23	43.38	0.47
11	627390	209	4190	14.50	50.30	0.70	5.29	0.15	10.35	3.30
12	627391	197	2927	11.60	51.70	0.49	4.15	0.16	13.01	0.87
13	627392	314	4228	17.00	60.10	0.71	7.00	0.11	1.15	1.62
14	627393	184	2482	11.10	48.10	0.41	4.31	0.19	15.53	0.67
15	627394	194	3028	12.50	40.00	0.51	4.58	0.19	18.36	2.99
	627395	17	540	1.94	7.92	0.09	1.49	0.25	47.88	0.23
17	627396	134	4826	14.80	40.20	0.80	6.89	0.11	14.95	3.64
18	627397	113	4054	12.60	33.10	0.68	6.34	0.09	21.26	3.17
19	627398	11	231	0.72	4.55	0.04	0.40	0.09	51.72	0.05
20	627399	141	4899	13.80	39.00	0.82	8.27	0.10	15.94	3.46
21	627400	122	4338	12.20	36.60	0.72	7.32	0.11	19.45	3.08
22	627401	64	2244	7.19	20.60	0.37	4.42	0.19	34.28	1.18
23	627402	123	4609	13.40	34.40	0.77	7.96	0.20	19.02	2.23
24	627403	137	5572	16.30	42.30	0.93	8.49	0.12	11.94	3.88
25	627404	126	4889	14.60	38.90	0.82	9.22	0.15	15.17	3.51

Results in ppm unless otherwise specified
– = element not determined

IS = insufficient sample
SNR = sample not received

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Analabs Pty. Ltd.
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762069

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10651	17/02/95	7447	7 OF 12

	SAMPLE No.	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO	K2O
METHOD		GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	627405	46	1858	5.32	17.20	0.31	2.80	0.33	38.80	0.55
2	627406	145	5410	15.90	41.80	0.90	8.97	0.12	11.96	4.03
3	627407	137	5379	13.10	36.00	0.90	6.81	0.15	19.24	2.53
4	627408	143	4976	12.50	41.20	0.83	8.61	0.13	13.33	2.68
5	627409	147	5431	13.40	38.00	0.91	8.22	0.11	16.59	3.17
6	627410	31	1199	3.66	10.50	0.20	3.28	0.16	43.82	0.64
7	627411	115	5151	15.40	39.20	0.86	8.07	0.14	14.60	2.94
8	627412	126	5536	16.50	49.00	0.92	8.66	0.13	7.72	3.45
9	627413	117	5194	16.60	39.50	0.87	11.69	0.22	10.69	2.23
10	627414	129	5627	17.90	40.70	0.94	12.86	0.21	8.42	2.76
11	627415	114	5187	16.30	41.10	0.87	7.43	0.17	13.24	3.18
12	627416 *1XD	98	2630	15.20	51.90	0.44	9.90	0.83	3.93	1.19
13	627417	106	4757	14.70	36.40	0.79	7.04	0.14	17.36	2.92
14	627418	97	4248	13.30	33.60	0.71	7.03	0.10	20.15	3.15
15	627419	9	333	1.10	3.94	0.06	0.65	0.10	51.35	0.15
	627420	26	634	2.32	6.63	0.11	1.75	0.07	48.07	0.42
17	627421	29	1172	3.48	9.89	0.20	2.08	0.09	45.10	0.65
18	627422	17	348	1.47	4.58	0.06	1.28	0.49	49.81	0.22
19	627423	22	760	2.44	7.72	0.13	1.46	0.34	47.48	0.27
20	627424	117	4042	11.80	33.00	0.67	9.55	0.25	20.42	2.56
21	627425	118	5325	15.70	36.10	0.89	10.85	0.21	14.26	3.60
22	627426	138	6217	19.20	41.70	1.04	6.19	0.16	10.77	4.51
23	627427	102	4712	14.20	36.60	0.79	8.22	0.16	17.08	3.15
24	627428	103	4561	14.10	36.50	0.76	8.04	0.14	17.51	3.27
25	627429	108	5156	15.40	36.20	0.86	5.90	0.10	17.77	3.14

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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762070

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10651	17/02/95	7447	8 OF 12

	SAMPLE No.	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO	K2O
METHOD		GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	627430	105	4796	14.70	36.70	0.80	6.96	0.10	17.69	3.13
2	627431	22	942	2.81	10.10	0.16	1.85	0.49	45.52	0.34
3	627432	94	4316	13.80	33.70	0.72	6.63	0.16	20.35	2.08
4	627433	51	2278	6.47	17.00	0.38	3.54	0.51	37.42	1.17
5	627434	122	5374	16.40	37.00	0.90	7.68	0.13	15.66	3.95
6	627435	108	4602	14.20	35.80	0.77	8.21	0.15	17.83	3.31
7	627436	127	5553	17.10	44.50	0.93	8.74	0.17	9.47	2.58
8	627437	139	6079	16.90	41.00	1.01	8.32	0.18	11.55	2.55
9	627438	126	5879	17.80	43.30	0.98	8.82	0.17	9.70	2.99
10	627439	123	5836	17.80	42.20	0.97	8.25	0.16	11.02	3.37
11										
12										
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	5	50	0.05	0.05	0.01	0.01	0.01	0.01	0.01
25	UNITS	ppm	ppm	%	%	%	%	%	%	%

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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A.C.N. 004 591 664

762071

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10651	17/02/95	7447	9 OF 12

	SAMPLE No.	MgO	P2O5	S	Na2O	LOI	Total			
METHOD		OX408	OX408	OX408	OX408	OM615	OX408			
1	627355	1.54	0.083	0.012	6.63	2.31	99.89			
2	627356	1.84	0.089	0.046	6.35	1.86	99.86			
3	627357	1.76	0.090	0.153	6.26	1.81	99.57			
4	627358	1.79	0.080	0.058	5.05	1.82	99.85			
5	627359	1.81	0.068	0.047	4.55	1.85	99.55			
6	627360	1.89	0.076	0.088	5.44	1.84	99.82			
7	627361	1.98	0.067	0.023	5.09	1.55	99.71			
8	627362	2.15	0.069	0.017	5.48	1.72	99.55			
9	627363	1.98	0.087	0.026	5.96	2.07	99.66			
10	627364	3.34	0.119	0.015	6.54	2.76	99.86			
11	627365	4.10	0.135	0.028	6.13	2.76	99.76			
12	627366	3.13	0.119	0.046	6.32	2.64	99.90			
13	627367	2.95	0.137	0.024	5.76	2.24	100.29			
14	627368	2.84	0.118	0.015	6.27	2.20	99.68			
15	627369	2.99	0.099	0.036	6.55	2.74	99.66			
	627370	3.49	0.124	0.025	6.11	2.75	99.79			
17	627371	3.44	0.133	0.030	6.03	2.47	99.88			
18	627372	4.35	0.135	0.017	6.27	3.00	99.64			
19	627373	4.88	0.138	0.052	5.84	3.55	99.62			
20	627374	3.30	0.142	0.063	5.85	2.70	99.78			
21	627375	3.93	0.149	0.043	5.70	3.40	99.78			
22	627376	4.20	0.161	0.090	5.29	3.14	99.71			
23	627377	2.67	0.121	0.199	6.53	4.59	99.67			
24	627378	2.95	0.127	0.060	6.59	4.25	99.54			
25	627379	2.82	0.121	0.144	6.84	4.00	99.62			

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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

762072

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10651	17/02/95	7447	10 OF 12

	SAMPLE No.	MgO	P2O5	S	Na2O	LOI	Total			
METHOD		OX408	OX408	OX408	OX408	OM615	OX408			
1	627380	2.30	0.125	0.065	7.00	4.20	99.84			
2	627381	2.95	0.132	0.047	6.63	2.94	99.82			
3	627382	3.18	0.150	0.110	5.52	2.76	99.58			
4	627383	2.92	0.137	0.071	6.29	2.79	99.83			
5	627384	3.21	0.120	0.080	5.64	4.56	99.69			
6	627385	7.47	0.192	0.039	3.21	5.41	99.97			
7	627386	1.96	0.133	0.115	6.09	3.83	100.29			
8	627387	2.80	0.148	0.128	5.55	4.54	99.91			
9	627388	2.50	0.117	0.069	5.28	5.48	99.86			
10	627389	0.68	0.112	0.112	0.93	35.00	99.71			
11	627390	1.63	0.174	0.216	2.66	9.90	99.59			
12	627391	2.01	0.107	0.052	3.76	11.64	99.62			
13	627392	3.86	0.116	0.033	4.40	3.65	99.80			
14	627393	1.99	0.095	0.131	3.66	13.45	99.79			
15	627394	1.81	0.134	0.212	1.56	16.30	99.52			
	627395	0.55	0.057	0.208	0.59	38.30	99.87			
17	627396	2.08	0.212	0.009	1.72	14.30	99.77			
18	627397	1.55	0.246	0.015	1.96	18.66	99.68			
19	627398	0.16	0.058	<0.005	0.44	41.40	99.60			
20	627399	1.77	0.233	0.006	1.95	14.23	99.53			
21	627400	1.55	0.174	0.006	1.50	16.87	99.59			
22	627401	1.18	0.210	0.138	1.42	28.10	99.50			
23	627402	2.34	0.298	0.175	1.77	16.84	99.73			
24	627403	2.16	0.258	0.030	1.79	11.44	99.75			
25	627404	1.83	0.310	0.028	1.75	13.59	99.96			

Results in ppm unless otherwise specified
- = element not determined

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SNR = sample not received

AUTHORISED OFFICER

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

762073

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10651	17/02/95	7447	11 OF 12

	SAMPLE No.	MgO	P2O5	S	Na2O	LOI	Total			
METHOD		OX408	OX408	OX408	OX408	OM615	OX408			
1	627405	1.00	0.529	0.276	1.35	30.90	99.72			
2	627406	2.54	0.250	0.017	1.28	12.09	99.90			
3	627407	1.93	0.273	0.016	2.16	16.69	99.88			
4	627408	2.01	0.260	1.250	1.29	11.04	97.08			
5	627409	1.82	0.303	0.090	1.88	14.84	99.54			
6	627410	0.98	0.352	0.533	0.47	34.60	100.03			
7	627411	2.31	0.325	0.049	2.19	13.62	99.86			
8	627412	2.73	0.186	0.127	1.32	8.76	99.69			
9	627413	3.87	0.232	0.023	1.80	11.74	99.52			
10	627414	4.26	0.223	0.060	1.16	10.01	99.74			
11	627415	2.45	0.214	0.253	2.05	12.39	100.04			
12	627416 ¥ SD	7.44	0.199	0.044	3.28	5.42	100.27			
13	627417	2.01	0.247	0.021	2.17	15.64	99.52			
14	627418	1.69	0.310	0.040	1.62	17.73	99.53			
15	627419	0.49	0.079	0.029	0.53	41.70	100.25			
	627420	0.80	0.180	0.061	0.52	38.60	99.58			
17	627421	0.89	0.122	0.010	0.73	36.40	99.62			
18	627422	0.54	0.080	0.017	0.71	40.30	99.55			
19	627423	0.47	0.073	0.008	0.84	38.30	99.51			
20	627424	1.35	0.191	0.012	1.64	18.21	99.65			
21	627425	2.48	0.227	0.009	1.32	13.96	99.63			
22	627426	2.48	0.231	0.015	1.86	11.41	99.62			
23	627427	1.85	0.222	0.025	1.68	15.59	99.64			
24	627428	1.40	0.276	0.173	1.72	15.40	99.60			
25	627429	1.63	0.259	0.056	2.47	15.75	99.61			

Results in ppm unless otherwise specified
= element not determined

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SNR = sample not received

AUTHORISED OFFICER

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

762074

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10651	17/02/95	7447	12 OF 12

	SAMPLE No.	MgO	P2O5	S	Na2O	LOI	Total			
METHOD		OX408	OX408	OX408	OX408	OM615	OX408			
1	627430	1.45	0.251	0.032	2.34	15.36	99.57			
2	627431	0.47	0.115	0.077	0.81	36.70	99.52			
3	627432	1.60	0.264	0.028	3.15	17.35	99.92			
4	627433	1.03	0.186	0.172	1.01	30.40	99.55			
5	627434	1.42	0.228	0.007	1.94	14.28	99.60			
6	627435	1.59	0.203	0.015	1.55	16.07	99.71			
7	627436	3.47	0.241	0.076	2.21	10.11	99.72			
8	627437	3.24	0.238	0.412	2.37	11.14	99.62			
9	627438	3.10	0.189	0.093	2.03	10.33	99.71			
10	627439	2.52	0.175	0.261	1.72	10.98	99.85			
11										
12										
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	0.01	0.005	0.005	0.05	0.01	0.01			
25	UNITS	%	%	%	%	%	%			

Results in ppm unless otherwise specified
= element not determined

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AUTHORISED OFFICER

ABERFOYLE EXPLORATION

DRILL CORE SAMPLE LEDGER

762075

LICENCE EL5/85

NAME Lake Margaret

DATE 14/12/1994

DESCRIPTION

Newton Creek Core

TOTAL 27 samples

NOTES P reported as P2O5 (%)
Cr-free bowls

ANALYSES REQUIRED

ELEMENT	METHOD
Cu	GA101
Pb	GA101
Zn	GA101
Ag	GA101
Au	GG309
Ba	~~GX104~~
As	GX401
Zr	GX401

DDH	FROM (m)	TO (m)	SAMPLE#	TYPE	CASING	SPLIT SIZE
NC1	611	612	627440	SC	NQ	0.25
NC1	612	613	627441	SC	NQ	0.25
NC1	613	614	627442	SC	NQ	0.25
NC1	614	615	627443	SC	NQ	0.25
NC1	615	616	627444	SC	NQ	0.25
NC1	616	617	627445	SC	NQ	0.25
NC1	617	618	627446	SC	NQ	0.25
NC1	618	619	627448	SC	NQ	0.25
NC1	619	620	627449	SC	NQ	0.25
NC1	620	621	627450	SC	NQ	0.25
NC1	621	622	627451	SC	NQ	0.25
NC1	622	623	627452	SC	NQ	0.25
NC1	623	623.47	627453	SC	NQ	0.25
NC1	623.47	623.62	627454	SC	NQ	0.5
NC1	623.62	624	627455	SC	NQ	0.25
NC1	624	625	627456	SC	NQ	0.25
NC1	625	626	627457	SC	NQ	0.25
NC1	626	627	627458	SC	NQ	0.25
NC1	627	628	627459	SC	NQ	0.25
NC1	628	629	627460	SC	NQ	0.25
NC1	629	630	627461	SC	NQ	0.25
NC1	630	631	627462	SC	NQ	0.25
NC1	631	632	627463	SC	NQ	0.25
NC1	632	633	627464	SC	NQ	0.25
NC1	633	634	627465	SC	NQ	0.25
NC1	634	635	627466	SC	NQ	0.25
NC1	635	636	627467	SC	NQ	0.25

Analabs

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

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

762076

ANALYTICAL REPORT No. 100560.60.10602

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

INVOICE TO: Aberfovle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

ORDER No.	PROJECT
7436	

DATE RECEIVED	RESULTS REQUIRED
15/12/94	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
6	01/02/95	1	27

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
s27440/446.627448/467	CO Preo : GP033 CHROME FREE BOWL	Cu.Pb,Zn,Ag/GA101 Au.Au(R),Au(S)/GG309 Ba.As.Zr/GX401 Ti/OX408 Al2O3,SiO2,TiO2,Fe2O3,MnO,CaO, K2O,MgO,P2O5,Na2O/OX408 LOI/OM615, S/OM613

RESULTS TO: Mr R de Bomford
Aberfovle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS TO:

RESULTS TO:

REMARKS

NC-1 SPLIT CORE

AUTHORISED OFFICER

Analabs

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

762077

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10602	01/02/95	7436	1 OF 6

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Au(S)	Ba	As
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GG309	GX401	GX401
1	627440	142	12	128	<2	<0.008	-	-	440	18
2	627441	248	50	119	<2	<0.008	-	-	290	13
3	627442	127	36	120	<2	0.214	-	-	260	19
4	627443	92	28	137	<2	<0.008	-	-	360	12
5	627444	178	21	119	<2	<0.008	-	-	580	19
6	627445	128	48	131	<2	0.008	-	-	565	11
7	627446	176	50	106	<2	<0.008	-	-	925	20
8	627448	132	37	126	<2	<0.008	-	-	905	23
9	627449	207	71	164	<2	0.008	-	-	1450	22
10	627450	148	76	179	<2	<0.008	-	-	600	23
11	627451	188	58	218	<2	<0.008	-	-	565	26
12	627452	112	12	203	<2	<0.008	<0.008	-	860	16
13	627453	438	89	171	<2	0.014	-	-	995	47
14	627454	713	258	175	<2	0.033	-	0.032	880	153
15	627455	173	32	177	<2	<0.008	-	-	735	22
	627456	150	10	135	<2	<0.008	-	-	770	<2
17	627457	167	44	165	<2	<0.008	-	-	1005	<2
18	627458	20	7	107	<2	0.013	-	-	410	8
19	627459	153	119	138	<2	0.008	-	-	1870	16
20	627460	199	51	112	<2	<0.008	-	-	2465	21
21	627461	146	40	101	<2	<0.008	-	<0.008	3115	45
22	627462	148	28	146	<2	<0.008	<0.008	-	2180	22
23	627463	338	39	153	<2	0.009	-	-	2590	73
24	627464	253	77	119	<2	0.010	-	-	5025	52
25	627465	178	24	149	<2	<0.008	-	-	2430	24

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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762078

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10602	01/02/95	7436	2 OF 6

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Au(S)	Ba	As
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GG309	GX401	GX401
1	627466	167	64	111	<2	<0.008	-	-	2280	65
2	627467	81	<5	209	<2	<0.008	-	-	1360	18
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22										
23	LOI's subject to error due to high levels of S. Unable to do S by XRF									
24	DETECTION	4	5	4	2	0.008	0.008	0.008	10	2
25	UNITS	ppm	ppm	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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762079

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10602	16/02/95	7436	3 OF 6

	SAMPLE No.	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO	K2O
METHOD		GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	627440	88	3728	12.70	36.90	0.62	8.55	0.23	17.50	2.10
2	627441	76	3294	10.50	32.30	0.55	8.92	0.21	22.20	1.52
3	627442	102	4139	12.60	39.30	0.69	9.23	0.20	15.80	1.72
4	627443	103	4515	14.60	36.80	0.75	9.49	0.23	16.10	2.06
5	627444	128	5696	18.40	42.60	0.95	8.38	0.16	9.43	3.75
6	627445	140	6257	17.70	36.60	1.04	9.72	0.18	12.30	3.71
7	627446	198	8981	23.30	38.70	1.50	12.10	0.09	4.30	6.32
8	627448	177	8166	22.50	39.40	1.36	11.00	0.11	5.55	5.66
9	627449	114	5000	15.20	29.40	0.83	13.70	0.23	14.30	3.00
10	627450	113	5175	16.20	34.80	0.86	12.70	0.20	12.30	2.94
11	627451	119	5216	16.40	33.40	0.87	14.50	0.21	11.70	2.65
12	627452	144	6430	19.80	40.10	1.07	9.39	0.19	9.85	3.29
13	627453	170	7457	20.00	32.00	1.24	16.70	0.13	5.59	4.69
14	627454	168	7010	15.80	22.80	1.17	27.30	0.08	1.63	3.76
15	627455	142	6399	19.10	41.90	1.07	9.68	0.16	8.06	3.39
16	627456	137	5750	17.70	40.40	0.96	7.12	0.19	12.90	2.95
17	627457	142	6019	18.60	40.40	1.00	11.10	0.12	8.50	3.88
18	627458	47	2434	7.48	20.40	0.41	7.88	0.21	32.90	1.00
19	627459	167	5851	18.30	37.00	0.98	14.20	0.14	8.92	4.10
20	627460	158	7100	21.70	36.80	1.18	15.30	0.08	4.14	5.57
21	627461	189	8633	24.50	37.90	1.44	14.00	0.06	1.81	6.90
22	627462	117	5272	16.60	36.50	0.88	14.00	0.17	10.30	3.34
23	627463	128	5625	18.10	37.70	0.94	17.00	0.13	4.87	3.78
24	627464	160	6944	21.10	38.60	1.16	16.30	0.08	2.73	5.57
25	627465	128	5489	17.90	42.40	0.92	9.55	0.14	8.93	3.89

Results in ppm unless otherwise specified
= element not determined

IS = insufficient sample
SNR = sample not received

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762080

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10602	16/02/95	7436	4 OF 6

	SAMPLE No.	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO	K2O
METHOD		GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	627466	136	5853	19.50	43.50	0.98	9.37	0.14	7.59	4.78
2	627467	147	5884	18.90	47.40	0.98	11.30	0.18	5.19	3.60
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22										
23	LOI s subject to error due to high levels of S. Unable to do S by XRF									
24	DETECTION	5	50	0.05	0.05	0.01	0.01	0.01	0.01	0.01
25	UNITS	ppm	ppm	%	%	%	%	%	%	%

Results in ppm unless otherwise specified
= element not determined

IS = Insufficient sample
SNR = sample not received

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762081

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10602	01/02/95	7436	5 OF 6

	SAMPLE No.	MgO	P2O5	Na2O	LOI	S				
METHOD		OX408	OX408	OX408	OM615	OM613				
1	627440	2.23	0.202	1.04	12.58	0.970				
2	627441	1.95	0.165	1.22	14.36	1.850				
3	627442	1.99	0.191	1.83	8.98	1.830				
4	627443	2.16	0.228	2.05	11.19	1.320				
5	627444	1.98	0.257	1.84	7.20	1.420				
6	627445	2.01	0.289	1.45	7.99	2.410				
7	627446	1.71	0.339	0.69	6.36	5.610				
8	627448	1.95	0.354	1.03	5.34	3.780				
9	627449	2.07	0.212	1.12	6.88	5.870				
10	627450	2.08	0.237	1.65	7.18	4.570				
11	627451	2.50	0.239	1.75	7.37	4.850				
12	627452	2.23	0.287	2.83	8.18	0.930				
13	627453	1.95	0.266	1.10	8.40	9.110				
14	627454	1.90	0.231	0.27	15.60	20.100				
15	627455	2.08	0.282	2.53	4.86	1.780				
	627456	1.50	0.268	3.19	8.11	1.250				
17	627457	1.93	0.275	1.58	5.45	2.900				
18	627458	1.20	0.115	0.88	24.92	0.090				
19	627459	1.89	0.211	0.97	6.67	4.370				
20	627460	1.87	0.239	0.71	8.28	7.850				
21	627461	1.83	0.256	0.33	10.14	7.280				
22	627462	2.16	0.204	1.32	6.96	5.320				
23	627463	2.16	0.189	1.37	7.96	8.640				
24	627464	1.91	0.249	0.37	8.76	8.940				
25	627465	2.13	0.269	1.15	6.59	2.080				

Results in ppm unless otherwise specified
- = element not determined

IS = Insufficient sample
SNR = sample not received

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762082

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10602	01/02/95	7436	6 OF 6

	SAMPLE No.	MgO	P2O5	Na2O	LOI	S				
METHOD		OX408	OX408	OX408	OM615	OM613				
1	627466	1.58	0.258	1.07	5.78	2.560				
2	627467	2.06	0.273	0.87	5.72	0.390				
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20										
21										
22										
23	LOI's subject to error due to high levels of S. Unable to do S by XRF									
24	DETECTION	0.01	0.005	0.05	0.01	0.005				
25	UNITS	%	%	%	%	%				

Results in ppm unless otherwise specified
= element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

ABERFOYLE EXPLORATION

DRILL CORE SAMPLE LEDGER

LICENCE EL5/85

NAME Lake Margaret

DATE 20/1/1995

DESCRIPTION

Newton Creek Core

TOTAL 28 samples

NOTES P reported as P2O5 (%)
Cr-free bowls

ANALYSES REQUIRED

ELEMENT	METHOD
Cu	GA101
Pb	GA101
Zn	GA101
Ag	GA101
Ba	GX401
Au	GG309
As	GX401
Cr	GX401
Zr	GX401
Whole Rock	OX408

DDH	FROM (m)	TO (m)	SAMPLE#	TYPE	CASING	SPLIT
NC1	636	639.1	627468	CG	NQ	0
NC1	639.1	642.2	627469	CG	NQ	0
NC1	642.2	646	627470	CG	NQ	0
NC1	646	651.4	627471	CG	NQ	0
NC1	651.4	654.4	627472	CG	NQ	0
NC1	654.4	658	627473	CG	NQ	0
NC1	658	669.1	627474	CG	NQ	0
NC1	669.1	673.7	627475	CG	NQ	0
NC1	673.7	677	627476	CG	NQ	0
NC1-STAN	-999	-999	627477	ST	ST	-999
NC1	677	685.4	627478	CG	NQ	0
NC1	685.4	695.1	627479	CG	NQ	0
NC1	695.1	705.2	627480	CG	NQ	0
NC1	705.2	721	627481	CG	NQ	0
NC1	721	723.5	627482	CG	NQ	0
NC1	723.5	740	627483	CG	NQ	0
NC1	740	759.6	627484	CG	NQ	0
NC1	759.6	763.8	627485	CG	NQ	0
NC1	763.8	772.5	627486	CG	NQ	0
NC1	772.5	781.8	627487	CG	NQ	0
NC1	781.8	794.2	627488	CG	NQ	0
NC1	794.2	796.1	627489	CG	NQ	0
NC1	796.1	798	627490	CG	NQ	0
NC1	798	804.9	627491	CG	NQ	0
NC1	804.9	810.1	627492	CG	NQ	0
NC1	810.1	818	627493	CG	NQ	0
NC1	818	819.3	627494	CG	NQ	0
NC1	819.3	829.8	627495	CG	NQ	0

Analabs

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762084

ANALYTICAL REPORT No. 1006e6.e0.10674

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

INVOICE TO:
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

ORDER No.	PROJECT
2452	

DATE RECEIVED	RESULTS REQUIRED
25/01/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
6	31/03/95	1	288

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
a27468/495	DD Prep : GP031 CHROME FREE BOWL	Cu,Pb,Zn,Ag/GA101 Au,Au(R)/GG309 Ba,As,Cr,Zr/GX401 Ti/GX408 WHOLE ROCK/GX408

RESULTS TO
Mr R de Bonfora
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS TO

RESULTS TO

REMARKS

This report replaces the report issued on 16/02/95. Fe2O3 results included.

NC-1 CORE GRINDS

AUTHORISED OFFICER

Analabs

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

762085

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10674	31/03/95	7452	1 OF 6

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Cr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	627468	39	30	103	<2	0.024	-	1161	16	16
2	627469	47	28	54	<2	0.008	-	915	36	15
3	627470	18	<5	81	<2	<0.008	-	999	9	20
4	627471	89	<5	143	<2	<0.008	-	1033	11	19
5	627472	165	32	95	<2	<0.008	-	1282	21	18
6	627473	168	55	95	<2	0.010	-	1704	39	22
7	627474	162	46	126	<2	0.008	-	1105	21	14
8	627475	128	16	154	<2	0.010	-	950	31	19
9	627476	147	9	126	<2	<0.008	-	538	11	17
10	627477	134	211	2077	<2	<0.008	-	1215	23	915
11	627478	148	<5	147	<2	<0.008	-	640	12	8
12	627479	690	6	160	<2	0.008	<0.008	561	13	18
13	627480	163	8	171	<2	<0.008	-	708	6	17
14	627481	28	14	139	<2	<0.008	-	615	5	25
15	627482	96	<5	165	3	<0.008	-	587	<2	20
	627483	25	6	152	<2	<0.008	-	573	5	20
17	627484	22	13	111	<2	<0.008	-	566	3	22
18	627485	32	35	216	<2	<0.008	-	515	6	11
19	627486	105	30	156	<2	<0.008	-	948	10	13
20	627487	50	62	119	<2	<0.008	-	919	18	12
21	627488	42	40	136	<2	<0.008	-	698	10	20
22	627489	48	50	158	<2	<0.008	<0.008	971	11	12
23	627490	31	78	138	<2	<0.008	-	768	11	21
24	627491	46	7	142	<2	<0.008	-	415	12	24
25	627492	66	95	406	<2	<0.008	-	634	18	8

Results in ppm unless otherwise specified
– = element not determined

IS = Insufficient sample
SNR = sample not received

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

762086

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	1005a0.60.10674	31/03/95	7452	2 OF 6

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Cr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	627493	85	25	139	<2	<0.008	-	467	21	12
2	627494	52	49	57	<2	<0.008	-	565	12	14
3	627495	97	21	90	<2	<0.008	-	670	10	18
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23										
24	DETECTION	4	5	4	2	0.008	0.008	10	2	5
25	UNITS	ppm	ppm	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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A.C.N. 004 591 664

762087

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10674	31/03/95	7452	3 OF 6

	SAMPLE No.	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO	K2O
METHOD		GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	627468	204	4163	16.30	63.20	0.69	5.42	0.11	2.77	3.56
2	627469	201	2314	11.90	66.90	0.39	4.88	0.08	2.55	2.53
3	627470	196	2389	11.80	69.50	0.40	3.73	0.14	4.31	2.16
4	627471	272	4872	19.50	54.30	0.81	7.26	0.15	4.25	3.62
5	627472	284	4351	18.70	54.10	0.73	10.10	0.06	1.46	4.34
6	627473	141	6303	19.70	44.50	1.05	11.30	0.13	4.65	4.21
7	627474	140	6449	19.70	44.50	1.08	13.80	0.06	2.05	5.06
8	627475	151	6705	21.10	43.70	1.12	12.50	0.12	3.20	4.19
9	627476	145	6503	19.40	49.50	1.08	8.84	0.14	3.48	2.44
10	627477	96	2647	15.10	52.10	0.44	9.92	0.84	3.82	1.21
11	627478	123	5689	18.30	48.90	0.95	11.70	0.16	3.76	2.64
12	627479	130	5995	18.60	47.30	1.00	9.63	0.17	4.90	2.05
13	627480	150	6619	20.60	48.50	1.10	8.22	0.20	4.70	2.73
14	627481	268	3164	15.80	60.90	0.53	5.70	0.17	3.92	2.78
15	627482	180	3321	13.70	62.70	0.55	5.89	0.20	5.06	0.90
	627483	270	3328	16.00	61.30	0.56	6.14	0.16	3.41	2.62
17	627484	257	3224	15.50	62.60	0.54	5.27	0.14	3.91	2.91
18	627485	137	5197	17.00	51.40	0.87	9.72	0.22	6.05	1.36
19	627486	201	5918	20.50	52.60	0.99	7.77	0.15	3.56	3.30
20	627487	270	4041	16.20	61.20	0.67	6.80	0.09	2.46	3.20
21	627488	246	3019	14.70	63.60	0.50	5.47	0.14	3.56	2.75
22	627489	289	4379	17.40	60.80	0.73	5.10	0.07	2.09	4.59
23	627490	291	3542	17.20	58.40	0.59	6.31	0.15	3.50	3.72
24	627491	237	2934	13.70	65.30	0.49	4.95	0.16	4.10	2.14
25	627492	287	4828	16.80	61.30	0.81	7.37	0.10	2.53	4.13

Results in ppm unless otherwise specified
– = element not determined

IS = insufficient sample
SNR = sample not received

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762088

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10674	31/03/95	7452	4 OF 6

	SAMPLE No.	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO	K2O
METHOD		GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	627493	182	5156	16.60	56.60	0.86	7.18	0.18	4.35	2.69
2	627494	198	2811	13.00	67.80	0.47	6.29	0.05	1.76	2.89
3	627495	203	4522	16.80	62.90	0.75	6.66	0.09	2.04	3.80
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	5	50	0.05	0.05	0.01	0.01	0.01	0.01	0.01
25	UNITS	ppm	ppm	%	%	%	%	%	%	%

Results in ppm unless otherwise specified
= element not determined

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10674	31/03/95	7452	5 OF 6

	SAMPLE No.	MgO	P2O5	S	Na2O	LOI	TOTAL			
METHOD		OX408	OX408	OX408	OX408	OM615	OX408			
1	627468	1.28	0.182	0.346	1.78	4.23	100.35			
2	627469	0.70	0.144	1.595	1.75	3.72	102.50			
3	627470	1.07	0.120	0.196	1.74	4.71	100.16			
4	627471	1.60	0.235	0.361	2.29	6.16	101.11			
5	627472	1.38	0.200	1.140	1.78	6.01	102.11			
6	627473	2.00	0.247	1.249	1.79	8.79	101.46			
7	627474	1.52	0.258	1.123	1.17	8.27	100.31			
8	627475	2.61	0.270	0.977	1.22	4.42	100.00			
9	627476	2.30	0.290	0.289	3.78	7.80	99.90			
10	627477	7.47	0.190	0.034	3.22	5.11	99.90			
11	627478	2.11	0.242	1.175	2.73	8.00	102.47			
12	627479	1.83	0.240	0.689	4.29	7.82	99.70			
13	627480	1.75	0.273	0.084	3.88	7.90	100.18			
14	627481	2.51	0.153	0.009	1.84	5.39	99.80			
15	627482	1.88	0.152	0.015	3.66	4.93	99.60			
	627483	2.52	0.157	0.023	2.06	4.83	99.70			
17	627484	2.16	0.150	<0.005	1.69	5.20	100.08			
18	627485	2.27	0.223	0.012	4.00	6.60	99.80			
19	627486	1.72	0.283	0.145	3.41	5.20	99.90			
20	627487	0.92	0.217	1.139	2.55	4.46	101.59			
21	627488	1.20	0.149	1.100	2.20	4.92	101.96			
22	627489	0.84	0.226	1.249	1.21	4.47	100.60			
23	627490	1.36	0.173	1.166	1.89	5.71	101.88			
24	627491	1.32	0.142	0.438	2.43	4.73	100.58			
25	627492	0.85	2.800	1.432	0.31	5.81	103.95			

Results in ppm unless otherwise specified
= element not determined

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762090

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10674	31/03/95	7452	6 OF 6

	SAMPLE No.	MgO	P2O5	S	Na2O	LOI	TOTAL			
METHOD		OX408	OX408	OX408	OX408	OM615	OX408			
1	627493	1.55	0.240	0.581	2.67	5.23	99.60			
2	627494	0.58	0.130	0.729	1.75	4.79	101.38			
3	627495	1.29	0.210	1.317	1.49	4.42	103.73			
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	0.01	0.005	0.005	0.05	0.01	0.01			
25	UNITS	%	%	%	%	%	%			

Results in ppm unless otherwise specified
= element not determined

IS = insufficient sample
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AUTHORISED OFFICER

ABERFOYLE EXPLORATION

DRILL CORE SAMPLE LEDGER

LICENCE EL5/85

NAME Lake Margaret

DATE 10/4/1995

DESCRIPTION

Newton Creek Core

TOTAL 47 samples

NOTES P reported as P2O5 (%)
Cr-free bowls

ANALYSES REQUIRED

ELEMENT	METHOD
Cu	GA101
Pb	GA101
Zn	GA101
Ag	GA101
Ba	GX401
Au	GG309
As	GX401
Cr	GX401
Zr	GX401
Whole Rock	OX408

DDH	FROM (m)	TO (m)	SAMPLE#	TYPE	CASING	SPLIT
NC2	0	14.4	628001	CG	HW-HQ	0
NC2	14.4	35	628002	CG	HQ	0
NC2	35	57	628003	CG	HQ	0
NC2	57	63.8	628004	CG	HQ	0
NC2	63.8	79.4	628005	CG	HQ	0
NC2	79.4	110	628006	CG	HQ	0
NC2	110	125.4	628007	CG	HQ	0
NC2	125.4	138.2	628008	CG	HQ	0
NC2	138.2	162.5	628009	CG	HQ	0
NC2	162.5	163.6	628010	CG	HQ	0
NC2	163.6	170	628011	CG	HQ	0
NC2	170	190	628012	CG	HQ	0
NC2	190	220	628013	CG	HQ-NQ	0
NC2	220	240	628014	CG	NQ	0
NC2	240	261.5	628015	CG	NQ	0
NC2	261.5	280	628016	CG	NQ	0
NC2	280	287	628017	CG	NQ	0
NC2	287	302.5	628018	CG	NQ	0
NC2	302.5	322.2	628019	CG	NQ	0
NC2	322.2	340	628020	CG	NQ	0
NC2	340	360	628021	CG	NQ	0
NC2	360	379.6	628022	CG	NQ	0
NC2	379.6	381.9	628023	SC	NQ	0.25
NC2	381.9	384.9	628024	CG	NQ	0
NC2	384.9	386.6	628025	SC	NQ	0.25
NC2	386.6	398.8	628026	CG	NQ	0
NC2	398.8	409.5	628027	CG	NQ	0
NC2	409.5	420	628028	CG	NQ	0
NC2	420	429.8	628029	CG	NQ	0
NC2	429.8	435	628030	CG	NQ	0
NC2-STAN	-999	-999	628031	ST	ST	-999
NC2	435	441.1	628032	CG	NQ	0
NC2	441.1	445	628033	CG	NQ	0
NC2	445	450	628034	CG	NQ	0
NC2	450	454.8	628035	CG	NQ	0
NC2	454.8	457.1	628036	CG	NQ	0
NC2	457.1	461	628037	CG	NQ	0
NC2	461	465	628038	CG	NQ	0
NC2	465	468.5	628039	CG	NQ	0
NC2	468.5	472	628040	CG	NQ	0
NC2	472	475.3	628041	CG	NQ	0
NC2	475.3	478	628042	CG	NQ	0
NC2	478	483	628043	CG	NQ	0
NC2	483	486	628044	CG	NQ	0

DDH	FROM (m)	TO (m)	SAMPLE#	TYPE	CASING	SPLIT
NC2	486	491.2	628045	CG	NQ	0
NC2	491.2	495	628046	CG	NQ	0
NC2	495	501.5	628047	CG	NQ	0

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

762093

ANALYTICAL REPORT No. 200560.60.10643

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

INVOICE TO:
Abertovie Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

ORDER No.	PROJECT
7547	

DATE RECEIVED	RESULTS REQUIRED
11/04/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
6	03/05/95	1	47

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
s28001/047	GS Prep : GP031 CHROME FREE BOWL	Cu,Pb,Zn,Ag/GA101 Au,Au(R),Au(S)/GG309 Ba,As,Cr,Ir/GX401 Ti/GX408 WHOLE ROCK/GX408

RESULTS TO:
Mr R de Bomford
Abertovie Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS TO:

RESULTS TO:

REMARKS
NC-2 COREGRINDS

AUTHORISED OFFICER

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762094

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10843	03/05/95	7547	1 OF 6

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Au(S)	Ba	As
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GG309	GX401	GX401
1	628001	16	25	70	<2	0.009	-	-	915	4
2	628002	28	9	64	<2	<0.008	-	-	1295	6
3	628003	25	8	70	<2	<0.008	-	-	1544	4
4	628004	100	8	127	<2	<0.008	-	-	676	2
5	628005	134	6	171	<2	<0.008	-	-	612	11
	628006	372	5	372	<2	<0.008	-	-	1390	3
7	628007	196	9	210	<2	<0.008	-	-	1464	4
8	628008	82	21	117	<2	<0.008	-	-	1102	5
9	628009	70	<5	113	<2	<0.008	-	-	1359	3
10	628010	127	10	110	<2	<0.008	-	-	312	4
11	628011	70	<5	86	<2	<0.008	-	-	1791	6
12	628012	19	<5	70	<2	<0.008	<0.008	-	930	4
13	628013	18	12	99	<2	<0.008	-	-	893	12
14	628014	19	<5	121	<2	<0.008	-	-	942	2
15	628015	20	<5	120	<2	<0.008	-	<0.008	530	2
16	628016	18	<5	104	<2	<0.008	-	-	1307	3
17	628017	41	9	111	<2	<0.008	-	-	2535	3
18	628018	95	6	134	<2	<0.008	-	-	1385	3
19	628019	20	<5	78	<2	<0.008	-	-	1881	3
20	628020	20	12	88	<2	<0.008	-	-	1100	4
21	628021	12	62	94	<2	<0.008	-	-	1054	<2
22	628022	24	55	99	<2	<0.008	<0.008	-	1368	3
23	628023	48	13	100	<2	<0.008	-	-	1042	24
24	628024	16	30	146	<2	<0.008	-	-	445	5
25	628025	43	13	70	<2	<0.008	-	-	652	16

Results in ppm unless otherwise specified
- = element not determined

IS = Insufficient sample
SNR = sample not received

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762095

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10843	03/05/95	7547	2 OF 6

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Au(S)	Ba	As
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GG309	GX401	GX401
1	628026	20	49	99	<2	<0.008	-	-	279	3
2	628027	34	12	98	<2	<0.008	-	-	538	3
3	628028	24	13	59	<2	<0.008	-	-	709	2
4	628029	23	<5	85	<2	<0.008	-	-	407	4
5	628030	21	18	95	<2	<0.008	-	-	648	3
	628031 *	126	202	2402	<2	<0.008	-	-	1000	17
7	628032	14	6	93	<2	<0.008	-	<0.008	573	5
8	628033	19	6	105	<2	<0.008	-	-	482	16
9	628034	13	13	88	<2	<0.008	-	-	638	3
10	628035	10	5	94	<2	<0.008	-	-	650	6
11	628036	97	12	79	<2	<0.008	-	-	630	2
12	628037	43	13	102	<2	<0.008	<0.008	-	465	<2
13	628038	21	17	86	<2	<0.008	-	-	370	4
14	628039	35	20	70	<2	<0.008	-	-	422	10
15	628040	97	16	110	<2	<0.008	-	-	299	5
16	628041	36	17	111	<2	<0.008	-	-	353	2
17	628042	21	16	47	<2	<0.008	-	-	683	6
18	628043	110	12	97	<2	<0.008	-	<0.008	868	2
19	628044	58	22	55	<2	<0.008	-	-	497	2
20	628045	75	26	68	<2	<0.008	-	-	594	2
21	628046	72	12	99	<2	<0.008	-	-	689	15
22	628047	74	66	60	<2	<0.008	<0.008	-	522	20
23										
24	DETECTION	4	5	4	2	0.008	0.008	0.008	10	2
25	UNITS	ppm	ppm	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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762096

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560,60,10843	03/05/95	7547	3 OF 6

	SAMPLE No.	Cr	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO
METHOD		GX401	GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	628001	18	267	2155	16.80	67.50	0.36	3.80	0.03	0.05
2	628002	41	278	3116	11.70	75.30	0.52	3.85	0.03	0.09
3	628003	32	281	3522	13.90	68.90	0.59	4.88	0.07	0.23
4	628004	21	285	2728	14.80	59.80	0.46	4.23	0.23	4.63
5	628005	17	338	3956	16.60	61.40	0.66	5.96	0.15	1.88
	628006	23	304	2691	15.10	68.60	0.45	3.78	0.07	0.69
7	628007	35	305	2640	15.20	67.40	0.44	4.06	0.09	0.42
8	628008	23	288	3026	14.30	67.20	0.50	4.53	0.09	1.06
9	628009	15	333	2905	16.10	66.50	0.48	4.21	0.07	0.76
10	628010	35	200	2169	11.90	74.30	0.36	1.71	0.09	2.13
11	628011	30	214	2144	10.60	74.30	0.36	3.32	0.08	0.86
12	628012	24	306	3518	14.90	64.70	0.59	5.70	0.12	1.33
13	628013	11	430	3358	16.40	60.90	0.56	6.21	0.13	1.41
14	628014	16	432	3308	15.90	64.70	0.55	5.37	0.08	0.71
15	628015	17	426	3461	16.00	62.30	0.58	5.78	0.15	1.30
16	628016	15	393	3220	16.10	64.30	0.54	5.20	0.08	0.67
17	628017	20	365	2619	14.70	67.60	0.44	4.45	0.06	0.67
18	628018	23	329	2642	14.40	68.70	0.44	4.24	0.06	0.58
19	628019	17	254	3447	13.50	69.00	0.58	5.48	0.09	0.60
20	628020	26	240	4783	16.20	61.70	0.80	6.72	0.11	0.88
21	628021	22	226	5291	16.30	61.10	0.88	7.32	0.12	0.89
22	628022	23	245	5150	16.50	59.50	0.86	7.15	0.10	1.54
23	628023	126	161	8719	15.10	44.50	1.45	10.12	0.23	8.78
24	628024	28	178	7087	16.30	54.80	1.18	9.76	0.16	2.09
25	628025	139	153	8861	15.70	46.60	1.48	9.70	0.21	8.05

Results in ppm unless otherwise specified
- = element not determined

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SNR = sample not received

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762097

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10843	03/05/95	7547	4 OF 6

	SAMPLE No.	Cr	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO
METHOD		GX401	GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	628026	31	249	5350	16.70	59.60	0.89	7.47	0.10	1.45
2	628027	31	223	4895	15.30	60.20	0.82	7.53	0.11	1.86
3	628028	26	303	3066	14.20	66.30	0.51	4.53	0.08	2.38
4	628029	28	275	4347	16.00	61.10	0.73	6.79	0.09	2.26
5	628030	32	268	3568	16.90	61.30	0.60	5.96	0.06	1.81
6	628031	944	82	2613	15.10	51.70	0.44	9.98	0.87	3.91
7	628032	22	241	3318	15.30	62.50	0.55	5.82	0.06	2.22
8	628033	29	254	3396	15.90	60.40	0.57	6.94	0.10	2.79
9	628034	25	255	3410	16.00	60.80	0.57	5.81	0.07	3.18
10	628035	32	246	3723	16.80	59.50	0.62	7.50	0.08	3.38
11	628036	33	251	3414	15.70	63.30	0.57	4.02	0.07	3.24
12	628037	26	245	3228	15.60	63.30	0.54	5.74	0.09	2.63
13	628038	24	238	3847	15.40	61.50	0.64	5.90	0.11	3.67
14	628039	29	257	4052	16.40	58.60	0.68	6.45	0.12	3.90
15	628040	12	202	5931	16.10	54.10	0.99	9.17	0.17	5.10
16	628041	11	168	6562	15.80	48.80	1.09	11.22	0.16	6.49
17	628042	12	110	4209	11.20	38.10	0.70	7.68	0.15	19.64
18	628043	14	137	6041	17.90	45.80	1.01	10.29	0.16	6.53
19	628044	15	95	4469	14.20	37.10	0.75	9.30	0.14	16.71
20	628045	13	109	5162	16.60	39.10	0.86	9.84	0.12	11.98
21	628046	116	292	6242	15.10	61.20	1.04	7.45	0.06	1.64
22	628047	81	323	3404	14.30	68.30	0.57	3.25	0.08	1.80
23										
24	DETECTION	5	5	50	0.05	0.05	0.01	0.01	0.01	0.01
25	UNITS	ppm	ppm	ppm	%	%	%	%	%	%

Results in ppm unless otherwise specified
= element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

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

762098

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10843	03/05/95	7547	5 OF 6

	SAMPLE No.	K2O	MgO	P2O5	S	Na2O	LOI	Total		
METHOD		OX408	OX408	OX408	OX408	OX408	OX408	OX408		
1	628001	6.26	1.42	0.030	0.080	0.48	3.28	100.00		
2	628002	3.51	1.01	0.050	0.090	1.88	2.23	100.10		
3	628003	4.87	1.60	0.080	0.140	1.93	2.31	99.40		
4	628004	2.23	2.87	0.080	0.020	4.25	5.91	99.40		
5	628005	3.00	3.08	0.120	0.070	3.58	4.09	100.60		
6	628006	2.94	1.73	0.080	0.030	4.82	2.03	100.30		
7	628007	2.86	2.08	0.080	0.030	4.59	3.04	100.30		
8	628008	3.55	2.49	0.080	0.080	2.88	2.80	99.50		
9	628009	3.09	2.28	0.080	0.060	4.70	2.48	100.80		
10	628010	0.69	0.62	0.050	0.060	5.72	2.72	100.30		
11	628011	3.15	1.72	0.050	0.050	2.16	2.69	99.30		
12	628012	1.92	3.27	0.090	0.040	4.38	3.39	100.40		
13	628013	2.05	3.15	0.100	0.080	4.86	3.51	99.30		
14	628014	0.89	1.83	0.070	0.070	6.83	3.78	100.70		
15	628015	0.75	2.50	0.090	0.040	6.53	3.06	99.00		
16	628016	1.44	2.40	0.080	0.050	6.04	2.37	99.20		
17	628017	1.74	1.99	0.060	0.080	4.91	2.41	99.00		
18	628018	1.55	1.90	0.070	0.050	5.46	1.93	99.40		
19	628019	1.06	2.68	0.080	0.060	5.16	2.05	100.30		
20	628020	0.81	3.17	0.120	0.040	6.77	2.47	99.80		
21	628021	0.41	3.68	0.120	0.040	7.07	2.43	100.30		
22	628022	0.23	3.34	0.130	0.070	7.32	3.05	99.70		
23	628023	1.77	6.32	0.200	0.090	2.04	8.69	99.10		
24	628024	0.54	4.90	0.140	0.020	6.10	4.19	100.10		
25	628025	1.26	7.82	0.200	0.090	1.83	7.82	100.70		

Results in ppm unless otherwise specified
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IS = insufficient sample
SNR = sample not received

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

762099

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10843	03/05/95	7547	6 OF 6

	SAMPLE No.	K20	MgO	P205	S	Na20	LOI	Total		
METHOD		OX408	OX408	OX408	OX408	OX408	OX408	OX408		
1	628026	0.20	3.65	0.140	0.030	7.24	3.16	100.60		
2	628027	0.32	3.34	0.120	0.100	6.35	3.21	99.10		
3	628028	0.09	2.01	0.110	0.060	6.63	2.83	99.60		
4	628029	0.43	2.98	0.130	0.030	6.32	3.36	100.20		
5	628030	2.56	2.84	0.160	<0.005	3.89	3.49	99.60		
6	628031	1.18	7.58	0.190	0.030	3.43	5.44	100.10		
7	628032	3.18	2.85	0.150	0.020	2.38	4.15	99.10		
8	628033	1.64	3.34	0.140	0.070	4.17	4.49	100.50		
9	628034	2.84	2.61	0.160	<0.005	3.25	4.54	99.80		
10	628035	3.12	2.90	0.170	<0.005	2.44	4.23	100.70		
11	628036	3.54	2.38	0.150	<0.005	1.76	4.64	99.30		
12	628037	2.90	3.28	0.140	<0.005	1.73	4.39	100.40		
13	628038	2.63	2.94	0.190	0.060	2.11	4.79	99.90		
14	628039	3.20	2.74	0.180	0.120	1.89	5.09	99.20		
15	628040	2.04	3.77	0.250	0.060	2.49	6.76	100.90		
	628041	1.93	3.83	0.310	<0.005	2.74	7.61	100.00		
17	628042	2.49	1.89	0.160	0.010	1.25	17.31	100.60		
18	628043	3.20	4.27	0.260	0.020	2.14	8.46	100.00		
19	628044	3.42	2.06	0.230	0.010	1.74	15.41	101.10		
20	628045	4.24	2.42	0.220	0.014	1.71	12.22	99.30		
21	628046	3.12	4.00	0.150	0.291	<0.05	5.53	99.30		
22	628047	4.50	2.27	0.060	0.463	<0.05	4.33	99.40		
23										
24	DETECTION	0.01	0.01	0.005	0.005	0.05	0.01	0.01		
25	UNITS	%	%	%	%	%	%	%		

Results in ppm unless otherwise specified
– = element not determined
IS = insufficient sample
SNR = sample not received

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762100

NC3 ASSAY INTERVALS							
Date	Sample #	From (m)	To (m)	Width (m)	Casing	Type	Split Size
	628051	0.0	20.0	20.0	HW-HQ	CG	0
	628052	20.0	50.7	30.7	HQ	CG	0
	628053	50.7	62.7	12.0	HQ	CG	0
	628054	62.7	74.0	11.3	HQ	CG	0
	628055	74.0	96.1	22.1	HQ	CG	0
	628056	96.1	117.5	21.4	HQ	CG	0
	628057	117.5	132.0	14.5	HQ	CG	0
	628058	132.0	148.0	16.0	HQ	CG	0
	628059	148.0	180.0	32.0	HQ	CG	0
	628060	180.0	205.0	25.0	HQ-NQ2	CG	0
	628061	205.0	230.0	25.0	NQ2	CG	0
	628062	230.0	260.0	30.0	NQ2	CG	0
	628063	260.0	290.0	30.0	NQ2	CG	0
	628064	290.0	320.0	30.0	NQ2	CG	0
	628065	320.0	350.0	30.0	NQ2	CG	0
	628066	350.0	361.2	11.2	NQ2	CG	0
	628067	361.2	367.0	5.8	NQ2	CG	0
	628068	367.0	373.0	6.0	NQ2	CG	0
	628069	373.0	380.8	7.8	NQ2	CG	0
	628070	380.8	387.5	6.7	NQ2	CG	0
	628071	387.5	392.5	5.0	NQ2	CG	0
	628072	392.5	395.3	2.8	NQ2	CG	0
	628073	395.3	420.0	24.7	NQ2	CG	0
	628074	420.0	445.5	25.5	NQ2	CG	0
	628075	445.5	456.9	11.4	NQ2	CG	0
	628076	456.9	463.9	7.0	NQ2	CG	0
	628077	**463.9**	**465.4**	**1.5**	NQ2	**SC**	**0.25**
	628078	465.4	469.5	4.1	NQ2	CG	0
	628079	469.5	473.2	3.7	NQ2	CG	0
	628080	473.2	476.5	3.3	NQ2	CG	0
STANDARD	628081	**-999.0**	**-999.0**	**0.0**	NQ2	**ST**	**-999**
	628082	476.5	480.0	3.5	NQ2	CG	0
	628083	480.0	483.0	3.0	NQ2	CG	0
	628084	483.0	487.3	4.3	NQ2	CG	0
	628085	487.3	494.6	7.3	NQ2	CG	0
	628086	494.6	500.8	6.2	NQ2	CG	0
	628087	500.8	505.0	4.2	NQ2	CG	0
	628088	505.0	509.8	4.8	NQ2	CG	0
	628089	509.8	513.6	3.8	NQ2	CG	0
	628090	513.6	517.7	4.1	NQ2	CG	0
	628091	517.7	521.5	3.8	NQ2	CG	0
	628092	521.5	526.1	4.6	NQ2	CG	0
	628093	526.1	529.2	3.1	NQ2	CG	0
	628094	529.2	546.5	17.3	NQ2	CG	0
	628095	546.5	553.2	6.7	NQ2	CG	0

762101

NC3 ASSAY INTERVALS							
Date	Sample #	From (m)	To (m)	Width (m)	Casing	Type	Split Size
	628096	553.2	562.0	8.8	NQ2	CG	0
	628097	562.0	572.7	10.7	NQ2	CG	0
	628098	572.7	582.0	9.3	NQ2	CG	0
	628099	582.0	590.2	8.2	NQ2	CG	0
	628100	590.2	600.5	10.3	NQ2	CG	0
	628101	600.5	607.0	6.5	NQ2	CG	0
	628102	607.0	613.8	6.8	NQ2	CG	0
	628103	613.8	618.3	4.5	NQ2	CG	0
	628104	618.3	621.0	2.7	NQ2	CG	0
	628105	621.0	624.7	3.7	NQ2	CG	0
	628106	624.7	631.0	6.3	NQ2	CG	0
	628107	631.0	636.0	5.0	NQ2	CG	0
	628108	636.0	638.2	2.2	NQ2	CG	0
	628109	638.2	640.0	1.8	NQ2	CG	0
	628110	640.0	642.2	2.2	NQ2	CG	0
	628111	642.2	644.6	2.4	NQ2	CG	0
STANDARD	628112	-999.0	-999.0	0.0	NQ2	ST	-999
	628113	644.6	646.8	2.2	NQ2	CG	0
	628114	646.8	652.7	5.9	NQ2	CG	0
	628115	652.7	655.6	2.9	NQ2	CG	0
	628116	655.6	666.8	11.2	NQ2	CG	0
	628117	666.8	676.8	10.0	NQ2	CG	0
	628118	676.8	687.9	11.1	NQ2	CG	0
	628119	687.9	696.5	8.6	NQ2	CG	0
	628120	696.5	704.0	7.5	NQ2	CG	0
	628121	704.0	711.5	7.5	NQ2	CG	0
	628122	711.5	720.0	8.5	NQ2	CG	0
	628123	720.0	729.0	9.0	NQ2	CG	0
	628124	729.0	734.9	5.9	NQ2	CG	0
	628125	734.9	754.3	19.4	NQ2	CG	0
	628126	754.3	758.8	4.5	NQ2	CG	0
	628127	758.8	790.0	31.2	NQ2	CG	0
	628128	790.0	805.5	15.5	NQ2	CG	0
	628129	805.5	825.0	19.5	NQ2	CG	0

762102

Analabs

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

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

ANALYTICAL REPORT No. 100560.60.10945

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

INVOICE TO:
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

ORDER No.	PROJECT
7586	

DATE RECEIVED	RESULTS REQUIRED
19/05/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
12	08/06/95	1	79

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
628051-129	CG Prep : GP031 CHROME FREE BOWL	Cu,Pb,Zn,Ag/GA101 Au,Au(R),Au(S)/GG309 Ba,As,Cr,Zr/GX401 Ti/OX408 WHOLE ROCK/OX408

RESULTS TO
Mr R de Bomford
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS TO

RESULTS TO

REMARKS

NC3 GRINDS

AUTHORISED OFFICER

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Analabs Pty. Ltd.
A.C.N. 004 591 864

762103

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10945	08/06/95	7586	1 OF 12

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Au(S)	Ba	As
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GG309	GX401	GX401
1	628051	27	<5	76	<2	<0.008	-	-	872	3
2	628052	14	<5	50	<2	<0.008	-	-	1237	<2
3	628053	16	<5	52	<2	<0.008	-	-	707	4
4	628054	22	13	70	<2	<0.008	-	-	891	5
5	628055	27	41	87	<2	<0.008	-	-	1153	14
6	628056	60	<5	140	<2	<0.008	-	-	849	11
7	628057	36	45	164	<2	<0.008	-	-	577	5
8	628058	37	30	167	<2	<0.008	-	-	732	4
9	628059	30	7	179	<2	<0.008	-	-	517	4
10	628060	34	<5	111	<2	<0.008	-	-	735	5
11	628061	42	<5	176	<2	<0.008	-	-	878	3
12	628062	36	<5	166	<2	<0.008	<0.008	-	1156	4
13	628063	18	<5	121	<2	<0.008	-	-	1250	4
14	628064	18	16	138	<2	<0.008	-	-	1466	3
15	628065	18	<5	173	<2	<0.008	-	-	2599	3
	628066	17	15	145	<2	<0.008	-	-	861	5
17	628067	21	264	166	<2	<0.008	-	-	473	29
18	628068	18	333	251	<2	<0.008	-	-	621	37
19	628069	25	7	27	<2	<0.008	-	-	672	2
20	628070	23	<5	33	<2	<0.008	-	-	444	4
21	628071	17	288	144	<2	<0.008	-	-	1475	21
22	628072	23	1574	120	3	<0.008	<0.008	-	692	4
23	628073	21	<5	155	<2	<0.008	-	-	660	4
24	628074	16	<5	167	<2	<0.008	-	-	1975	3
25	628075	25	<5	144	<2	<0.008	-	-	1010	4

Results in ppm unless otherwise specified
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A.C.N. 004 591 664

762104

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10945	08/06/95	7586	2 OF 12

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Au(S)	Ba	As
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GG309	GX401	GX401
1	628076	45	<5	104	<2	<0.008	-	-	709	14
2	628077	24	<5	65	<2	<0.008	-	-	880	10
3	628078	71	<5	95	<2	<0.008	-	-	549	12
4	628079	32	<5	79	<2	<0.008	-	-	294	13
5	628080	52	6	89	<2	<0.008	-	-	1192	10
6	628081	132	180	2170	<2	<0.008	-	-	1026	19
7	628082	14	<5	85	<2	<0.008	-	<0.008	548	8
8	628083	22	<5	75	<2	<0.008	-	-	448	2
9	628084	32	<5	78	<2	<0.008	-	-	764	4
10	628085	21	5	88	<2	<0.008	-	-	1646	11
11	628086	28	<5	76	<2	<0.008	-	-	1676	13
12	628087	18	<5	74	<2	<0.008	<0.008	-	564	19
13	628088	22	13	85	<2	<0.008	-	-	578	21
14	628089	27	<5	62	<2	<0.008	-	-	1452	14
15	628090	32	7	38	<2	<0.008	-	-	299	7
	628091	14	218	114	2	<0.008	-	-	344	13
17	628092	8	39	36	<2	<0.008	-	-	212	20
18	628093	20	9	73	<2	<0.008	-	-	751	9
19	628094	13	35	29	<2	<0.008	-	-	203	15
20	628095	16	<5	5	<2	<0.008	-	-	57	<2
21	628096	11	112	32	<2	<0.008	-	-	390	11
22	628097	8	92	34	<2	<0.008	<0.008	<0.008	98	10
23	628098	22	5	18	<2	<0.008	-	-	179	4
24	628099	24	7	47	2	<0.008	-	-	342	11
25	628100	23	28	54	<2	<0.008	-	-	411	10

Results in ppm unless otherwise specified
- = element not determined

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

762105

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10945	08/06/95	7586	3 OF 12

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Au(S)	Ba	As
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GG309	GX401	GX401
1	628101	28	72	140	<2	<0.008	-	-	668	40
2	628102	33	68	94	<2	<0.008	-	-	563	48
3	628103	16	30	49	<2	<0.008	-	-	276	18
4	628104	34	17	39	<2	<0.008	-	-	795	10
5	628105	36	28	76	<2	<0.008	-	-	435	13
6	628106	17	397	103	<2	<0.008	-	-	859	13
7	628107	14	85	82	<2	<0.008	-	-	1168	8
8	628108	39	723	102	<2	<0.008	-	-	1369	15
9	628109	58	296	90	<2	<0.008	-	-	584	68
10	628110	50	82	319	<2	<0.008	-	-	2301	312
11	628111	80	26	132	<2	<0.008	-	0.014	607	18
12	628112	134	200	2231	<2	<0.008	<0.008	-	1038	20
13	628113	40	12	90	<2	<0.008	-	-	1073	6
14	628114	18	31	146	<2	<0.008	-	-	2565	7
15	628115	33	45	158	<2	<0.008	-	-	1894	26
	628116	40	877	542	<2	<0.008	-	-	1689	54
17	628117	51	13	148	<2	<0.008	-	-	611	20
18	628118	38	667	535	<2	<0.008	-	-	1364	195
19	628119	21	17	102	<2	<0.008	-	-	1035	13
20	628120	34	96	189	<2	<0.008	-	-	857	4
21	628121	14	8	102	<2	<0.008	-	-	737	4
22	628122	27	<5	83	<2	<0.008	<0.008	-	176	7
23	628123	13	<5	48	<2	<0.008	-	-	400	4
24	628124	10	<5	41	<2	0.013	-	-	704	6
25	628125	9	<5	32	<2	<0.008	-	-	323	3

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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762106

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10945	08/06/95	7586	4 OF 12

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Au(S)	Ba	As
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GG309	GX401	GX401
1	628126	19	<5	27	<2	<0.008	-	-	548	2
2	628127	28	17	60	<2	<0.008	-	-	749	19
3	628128	33	26	52	<2	<0.008	-	-	592	25
4	628129	32	8	64	<2	<0.008	-	-	640	16
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	4	5	4	2	0.008	0.008	0.008	10	2
25	UNITS	ppm	ppm	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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A.C.N. 004 591 664

762107

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10945	08/06/95	7586	5 OF 12

	SAMPLE No.	Cr	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO
METHOD		GX401	GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	628051	7	258	2998	13.30	71.50	0.50	3.87	0.08	0.29
2	628052	7	217	1201	12.20	74.40	0.20	2.50	0.09	0.75
3	628053	6	281	2698	12.20	73.60	0.45	3.67	0.04	0.18
4	628054	10	316	3208	12.20	72.20	0.54	4.26	0.07	0.48
5	628055	11	316	2585	13.80	69.20	0.43	4.29	0.07	0.32
6	628056	7	387	3117	15.60	60.40	0.52	5.27	0.18	2.00
7	628057	5	415	3161	15.40	61.70	0.53	5.36	0.21	2.21
8	628058	<5	399	3194	15.50	60.80	0.53	5.69	0.20	2.51
9	628059	<5	436	3710	17.30	61.90	0.62	6.36	0.11	0.66
10	628060	6	386	2881	15.30	66.10	0.48	5.18	0.06	0.46
11	628061	5	294	3945	15.00	64.00	0.66	6.13	0.10	0.84
12	628062	8	276	3895	14.50	64.00	0.65	6.14	0.13	1.21
13	628063	9	211	5976	15.70	58.50	1.00	8.14	0.16	1.25
14	628064	16	191	5853	15.70	57.00	0.98	8.51	0.16	1.23
15	628065	15	217	5039	16.10	59.10	0.84	7.15	0.14	1.21
	628066	12	216	5132	15.40	59.00	0.86	7.39	0.15	1.92
17	628067	23	65	943	4.01	29.00	0.16	1.96	0.53	33.09
18	628068	17	53	902	4.08	23.50	0.15	1.73	0.59	35.84
19	628069	7	37	328	3.88	14.10	0.05	1.02	0.31	42.38
20	628070	12	86	756	5.31	21.00	0.13	1.19	0.28	37.55
21	628071	34	218	2738	14.40	52.50	0.46	5.46	0.19	8.05
22	628072	41	127	3095	11.30	63.60	0.52	5.01	0.14	4.89
23	628073	16	179	5476	16.50	56.10	0.91	7.62	0.15	2.58
24	628074	12	171	5336	16.40	54.30	0.89	9.04	0.17	1.64
25	628075	14	193	4251	14.30	57.90	0.71	6.60	0.15	4.40

Results in ppm unless otherwise specified
– = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

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

762108

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10945	08/06/95	7586	6 OF 12

	SAMPLE No.	Cr	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO
METHOD		GX401	GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	628076	10	315	2998	15.50	58.60	0.50	5.75	0.11	3.75
2	628077	21	132	1259	12.60	62.80	0.21	3.68	0.14	6.09
3	628078	17	254	2336	13.40	56.70	0.39	4.70	0.13	7.92
4	628079	74	146	1618	9.09	41.40	0.27	4.19	0.23	20.66
5	628080	27	225	1805	11.70	55.80	0.30	4.50	0.15	10.12
6	628081	837	81	2585	14.90	51.30	0.43	9.78	0.83	3.86
7	628082	61	204	1935	11.90	50.90	0.32	4.80	0.16	12.54
8	628083	7	309	1840	13.30	67.60	0.31	4.01	0.08	2.34
9	628084	<5	373	2293	15.20	67.90	0.38	3.82	0.04	1.04
10	628085	18	306	2201	13.40	56.40	0.37	4.79	0.14	7.84
11	628086	25	316	2218	13.90	59.10	0.37	4.12	0.11	6.23
12	628087	71	205	1906	11.50	41.90	0.32	3.79	0.18	18.43
13	628088	68	178	1712	10.40	40.30	0.29	3.70	0.23	20.12
14	628089	7	299	1969	13.30	64.70	0.33	4.01	0.09	3.06
15	628090	15	102	923	5.96	41.20	0.15	1.58	0.37	25.51
	628091	32	104	1108	5.32	26.50	0.18	2.12	0.48	33.82
17	628092	19	45	853	3.12	18.20	0.14	1.22	0.51	40.73
18	628093	6	328	2110	14.70	64.60	0.35	4.47	0.06	2.37
19	628094	17	52	712	4.00	17.90	0.12	1.26	0.49	39.93
20	628095	<5	13	177	0.98	4.70	0.03	0.57	0.24	51.46
21	628096	14	77	918	5.93	25.70	0.15	1.41	0.49	33.72
22	628097	19	40	657	2.69	13.90	0.11	1.29	0.72	43.30
23	628098	5	92	838	7.43	30.00	0.14	1.04	0.25	30.89
24	628099	31	275	2304	12.70	39.20	0.38	3.72	0.14	19.11
25	628100	31	260	2142	12.10	39.80	0.36	3.43	0.18	18.68

Results in ppm unless otherwise specified
= element not determined

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762109

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10945	08/06/95	7586	7 OF 12

	SAMPLE No.	Cr	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO
METHOD		GX401	GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	628101	51	299	2638	14.20	47.40	0.44	5.35	0.16	11.35
2	628102	49	322	2904	14.50	46.40	0.48	5.84	0.15	11.74
3	628103	24	223	1775	11.20	41.20	0.30	2.60	0.17	20.16
4	628104	23	178	1543	11.30	49.20	0.26	1.72	0.23	16.00
5	628105	100	188	2498	12.00	38.90	0.42	4.79	0.24	18.46
6	628106	15	144	2597	12.30	56.40	0.43	4.79	0.24	6.03
7	628107	9	317	2203	15.50	60.10	0.37	4.15	0.17	2.93
8	628108	10	223	1393	15.30	64.20	0.23	3.79	0.08	1.88
9	628109	21	115	1871	9.75	65.20	0.31	3.82	0.26	5.11
10	628110	<5	121	839	9.19	66.80	0.14	3.07	0.22	4.51
11	628111	19	249	2591	13.20	62.50	0.43	4.91	0.17	2.93
12	628112	845	84	2624	14.80	51.20	0.44	9.95	0.84	3.86
13	628113	<5	167	1007	10.90	68.50	0.17	3.68	0.17	3.96
14	628114	7	339	1998	16.20	63.40	0.33	4.10	0.08	1.04
15	628115	6	271	2050	15.70	61.80	0.34	4.26	0.11	2.31
	628116	48	175	2638	13.20	60.40	0.44	5.62	0.19	3.69
17	628117	14	151	5854	16.90	50.40	0.98	9.93	0.22	3.58
18	628118	50	174	2741	13.80	61.90	0.46	5.67	0.12	3.68
19	628119	15	258	2420	13.60	66.20	0.40	4.06	0.12	1.28
20	628120	7	287	1924	13.30	51.10	0.32	3.92	0.22	11.27
21	628121	<5	310	2371	15.20	50.80	0.40	5.51	0.19	8.38
22	628122	22	108	1070	6.25	37.30	0.18	4.33	0.58	18.91
23	628123	20	180	1591	11.00	46.90	0.27	2.91	0.38	12.05
24	628124	13	146	1636	7.00	25.90	0.27	3.86	0.49	25.77
25	628125	<5	11	226	0.98	4.08	0.04	1.83	0.80	29.82

Results in ppm unless otherwise specified
- = element not determined

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SNR = sample not received

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

762110

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10945	08/06/95	7586	8 OF 12

	SAMPLE No.	Cr	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO
METHOD		GX401	GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	628126	<5	31	795	2.22	8.81	0.13	2.05	0.74	27.51
2	628127	67	288	3344	18.90	62.00	0.56	4.74	0.04	1.13
3	628128	52	284	3047	16.30	64.90	0.51	4.87	0.05	1.51
4	628129	63	253	2892	17.20	62.70	0.48	4.53	0.03	2.13
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24	DETECTION	5	5	50	0.05	0.05	0.01	0.01	0.01	0.01
25	UNITS	ppm	ppm	ppm	%	%	%	%	%	%

Results in ppm unless otherwise specified
- = element not determined

IS = Insufficient sample
SNR = sample not received

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A.C.N. 004 591 664

762111

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10945	08/06/95	7586	9 OF 12

	SAMPLE No.	K2O	MgO	P2O5	S	Na2O	LOI	TOTAL		
METHOD		OX408	OX408	OX408	OX408	OX408	OX408	OX408		
1	628051	3.71	1.03	0.066	0.050	2.89	1.90	99.20		
2	628052	2.67	0.69	0.019	0.023	3.97	1.61	99.20		
3	628053	4.60	0.86	0.047	0.047	1.45	1.82	99.10		
4	628054	4.54	1.08	0.057	0.066	0.89	2.57	99.00		
5	628055	4.61	1.59	0.064	0.249	1.40	2.99	99.50		
6	628056	0.78	2.76	0.086	0.558	6.40	4.55	99.00		
7	628057	0.69	2.30	0.082	0.104	6.63	3.92	99.30		
8	628058	1.03	2.37	0.089	0.082	5.94	4.45	99.30		
9	628059	0.98	2.47	0.100	0.087	7.01	2.60	100.30		
10	628060	1.02	1.89	0.075	0.093	6.16	2.11	99.10		
11	628061	0.98	2.65	0.085	0.048	5.76	2.70	99.00		
12	628062	1.31	3.01	0.082	0.119	4.79	3.38	99.50		
13	628063	1.27	4.33	0.127	0.055	5.11	3.64	99.30		
14	628064	1.31	4.86	0.125	0.047	5.27	3.79	99.00		
15	628065	1.95	3.86	0.125	0.098	5.39	3.25	99.40		
	628066	0.54	3.96	0.122	0.060	5.61	4.19	99.30		
17	628067	0.59	1.31	0.282	0.163	0.82	27.15	99.30		
18	628068	0.52	1.38	0.209	0.113	0.95	29.82	99.10		
19	628069	0.58	1.10	0.077	0.035	1.05	34.66	99.20		
20	628070	0.19	0.75	0.073	0.137	2.44	30.11	99.40		
21	628071	1.78	3.11	0.131	0.282	4.27	8.22	99.20		
22	628072	1.12	2.67	0.412	0.517	3.48	5.39	99.90		
23	628073	0.44	3.66	0.125	0.099	6.36	4.55	99.20		
24	628074	1.25	5.37	0.139	0.201	5.00	4.70	99.20		
25	628075	0.68	3.54	0.110	0.098	5.19	5.65	99.40		

Results in ppm unless otherwise specified
= element not determined

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A.C.N. 004 591 664

762112

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10945	08/06/95	7586	10 OF 12

	SAMPLE No.	K2O	MgO	P2O5	S	Na2O	LOI	TOTAL		
METHOD		OX408	OX408	OX408	OX408	OX408	OX408	OX408		
1	628076	1.86	2.74	0.112	0.109	4.39	5.60	99.20		
2	628077	0.91	1.74	0.033	0.115	4.64	6.15	99.20		
3	628078	1.42	2.07	0.104	0.141	4.21	8.02	99.40		
4	628079	0.74	1.76	0.230	0.198	2.92	17.25	99.20		
5	628080	1.04	1.78	0.120	0.223	3.83	9.44	99.30		
6	628081	1.17	7.40	0.183	0.036	3.36	5.58	99.30		
7	628082	1.40	2.01	0.180	0.172	3.51	11.33	99.50		
8	628083	1.18	1.52	0.051	0.406	5.08	2.91	99.40		
9	628084	2.17	1.47	0.062	0.115	4.58	2.66	99.60		
10	628085	2.12	2.19	0.087	0.130	3.35	8.13	99.10		
11	628086	2.92	2.03	0.061	0.299	2.86	7.44	99.40		
12	628087	2.03	1.91	0.095	0.235	2.66	15.99	99.50		
13	628088	1.63	1.91	0.087	0.266	2.62	17.14	99.10		
14	628089	3.16	2.03	0.068	0.187	2.75	5.19	99.10		
15	628090	0.37	0.52	0.168	0.220	2.78	20.05	99.30		
	628091	0.78	1.08	0.295	0.204	1.31	26.80	99.10		
17	628092	0.43	0.76	0.289	0.137	0.78	32.76	99.30		
18	628093	3.23	2.62	0.037	0.135	2.26	4.39	99.40		
19	628094	0.40	0.81	0.190	0.107	1.38	32.25	99.00		
20	628095	0.10	0.52	0.094	0.021	0.51	40.78	100.00		
21	628096	0.46	0.88	0.169	0.181	2.43	27.17	99.00		
22	628097	0.39	0.79	0.317	0.126	0.68	34.55	99.00		
23	628098	0.28	0.60	0.083	0.091	3.66	24.69	99.30		
24	628099	1.88	1.89	0.099	0.300	3.59	15.85	99.40		
25	628100	2.37	1.74	0.088	0.401	2.80	15.83	98.40		

Results in ppm unless otherwise specified
= element not determined

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SNR = sample not received

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A.C.N. 004 591 664

762113

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10945	08/06/95	7586	11 OF 12

	SAMPLE No.	K20	MgO	P205	S	Na20	LOI	TOTAL		
METHOD		OX408	OX408	OX408	OX408	OX408	OX408	OX408		
1	628101	2.66	2.66	0.119	0.634	2.92	10.37	99.30		
2	628102	2.37	2.86	0.139	0.503	3.25	10.56	99.60		
3	628103	1.02	1.45	0.079	0.309	4.22	16.38	99.60		
4	628104	0.77	0.99	0.061	0.217	5.16	13.47	99.70		
5	628105	1.24	2.44	0.141	0.215	3.68	16.53	99.50		
6	628106	1.52	4.75	0.075	0.172	3.26	8.80	99.00		
7	628107	2.32	3.80	0.053	0.198	4.11	5.70	99.60		
8	628108	2.31	2.51	0.026	0.306	4.37	3.74	99.50		
9	628109	0.39	3.58	0.046	0.351	3.93	6.76	100.10		
10	628110	0.76	4.06	0.019	0.328	2.53	7.12	99.30		
11	628111	1.16	4.08	0.057	0.198	3.80	5.63	99.40		
12	628112	1.17	7.36	0.184	0.039	3.43	5.59	99.40		
13	628113	1.58	2.47	0.018	0.282	2.54	4.89	99.60		
14	628114	4.95	3.17	0.048	0.112	1.87	3.80	99.30		
15	628115	3.75	2.97	0.032	0.271	2.36	4.92	99.20		
	628116	2.90	3.53	0.382	0.920	1.42	6.16	98.90		
17	628117	0.42	5.80	0.140	0.047	5.16	6.28	99.90		
18	628118	3.16	3.14	0.280	0.375	0.54	6.22	99.90		
19	628119	1.64	4.06	0.058	0.166	3.27	3.97	99.10		
20	628120	2.49	3.39	0.067	0.104	1.42	12.06	99.80		
21	628121	2.39	3.95	0.082	0.050	2.68	9.89	99.60		
22	628122	0.54	8.16	0.093	0.097	0.93	22.65	100.20		
23	628123	2.23	6.68	0.133	0.058	1.26	16.58	100.50		
24	628124	1.51	6.96	0.105	0.142	0.23	27.31	99.80		
25	628125	0.16	18.01	0.137	0.041	0.15	43.73	99.80		

Results in ppm unless otherwise specified
- = element not determined

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A.C.N. 004 591 664

762114

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10945	08/06/95	7586	12 OF 12

	SAMPLE No.	K20	MgO	P2O5	S	Na2O	LOI	TOTAL		
METHOD		OX408	OX408	OX408	OX408	OX408	OX408	OX408		
1	628126	0.46	16.93	0.087	0.047	<0.05	40.64	99.70		
2	628127	5.43	2.15	0.070	0.209	0.09	4.67	100.30		
3	628128	4.69	1.76	0.076	0.364	<0.05	4.58	100.10		
4	628129	5.00	1.79	0.083	0.338	0.07	4.77	99.60		
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23										
24	DETECTION	0.01	0.01	0.005	0.005	0.05	0.01	0.01		
25	UNITS	%	%	%	%	%	%	%		

Results in ppm unless otherwise specified
= element not determined

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NC3 ASSAY INTERVALS							
Date	Sample #	From (m)	To (m)	Width (m)	Casing	Type	Split Size
	628130	825.0	865.0	40.0	NQ2	CG	0
	628131	865.0	905.0	40.0	NQ2	CG	0
	628132	905.0	945.0	40.0	NQ2	CG	0
	628133	945.0	985.0	40.0	NQ2	CG	0
	628134	985.0	1025.0	40.0	NQ2	CG	0
	628135	1025.0	1065.0	40.0	NQ2	CG	0
	628136	1065.0	1081.0	16.0	NQ2	CG	0

Analabs

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

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

RECEIVED
12 JUL 1995

ANALYTICAL REPORT No. 100560.60.10993

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

INVOICE TO:
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

ORDER No.	PROJECT
11522	

DATE RECEIVED	RESULTS REQUIRED
07/06/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
3	07/07/95	1	7

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
628130-136	CG Prep : GP031 CHROME FREE BOWL	Cu,Pb,Zn,Ag/GA101 Au,Au(S)/GG309 Ba,As,Cr,Zr/GX401 Ti/OX408 WHOLE ROCK/OX408

RESULTS TO
Mr R de Bomford
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS TO

RESULTS TO

REMARKS

NC3 GRINDS

AUTHORISED OFFICER

Analabs

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

762117

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10993	07/07/95	11522	1 OF 3

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(S)	Ba	As	Cr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	628130	21	25	82	<2	<0.008	-	633	11	65
2	628131	22	26	87	<2	<0.008	-	608	12	57
3	628132	24	8	52	<2	0.014	-	138	6	41
4	628133	22	22	60	<2	0.009	0.010	444	7	48
5	628134	21	17	55	<2	0.011	-	515	10	54
6	628135	24	37	76	<2	0.011	-	620	7	61
7	628136	32	38	51	<2	<0.008	-	501	9	42
8										
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12										
13										
14										
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17										
18										
19										
20										
21										
22										
23										
24	DETECTION	4	5	4	2	0.008	0.008	10	2	5
25	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Results in ppm unless otherwise specified
– = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

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

762118

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10993	07/07/95	11522	2 OF 3

	SAMPLE No.	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO	K2O
METHOD		GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408	OX408
1	628130	263	2969	17.10	62.70	0.50	4.53	0.03	1.84	4.82
2	628131	279	3011	16.90	64.90	0.50	4.60	0.04	1.77	4.53
3	628132	328	2839	10.60	76.40	0.47	3.20	0.03	0.93	3.05
4	628133	320	2868	11.80	72.50	0.48	3.39	0.04	1.59	3.42
5	628134	281	2710	13.30	68.50	0.45	3.86	0.03	1.81	3.85
6	628135	251	2833	15.10	63.60	0.47	4.23	0.05	3.28	4.44
7	628136	314	2784	11.20	73.40	0.46	3.31	0.05	2.01	3.19
8										
9										
10										
11										
12										
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	5	50	0.05	0.05	0.01	0.01	0.01	0.01	0.01
25	UNITS	ppm	ppm	%	%	%	%	%	%	%

Results in ppm unless otherwise specified
– = element not determined

IS = Insufficient sample
SNR = sample not received

AUTHORISED OFFICER

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A.C.N. 004 591 664

762119

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10993	07/07/95	11522	3 OF 3

	SAMPLE No.	MgO	P2O5	S	Na2O	LOI	TOTAL			
METHOD		OX408	OX408	OX408	OX408	OX408	OX408			
1	628130	1.77	0.067	0.377	0.09	4.53	98.90			
2	628131	1.84	0.077	0.248	0.09	4.33	100.10			
3	628132	1.21	0.045	0.219	<0.05	2.78	99.30			
4	628133	1.37	0.058	0.302	0.06	3.52	99.00			
5	628134	1.52	0.055	0.207	0.10	4.07	98.10			
6	628135	1.75	0.056	0.315	<0.05	5.50	99.20			
7	628136	1.48	0.047	0.240	<0.05	3.83	99.60			
8										
9										
10										
11										
12										
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	0.01	0.005	0.005	0.05	0.01	0.01			
25	UNITS	%	%	%	%	%	%			

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

ABERFOYLE EXPLORATION

DRILL CORE SAMPLE LEDGER

762120

LICENCE EL5/85

NAME Lake Margaret

DATE 15/8/1995

DESCRIPTION

Newton Creek Core

TOTAL 10 samples

NOTES P reported as P2O5 (%)
Cr-free bowls

ANALYSES REQUIRED

ELEMENT	METHOD
Cu	GA101
Pb	GA101
Zn	GA101
Ag	GA101
Ba	GX401
Au	GG309
As	GX401
Cr	GX401
Zr	GX401
Whole Rock	OX408

DDH	FROM (m)	TO (m)	SAMPLE#	TYPE	CASING	SPLIT
NC4A	372.4	372.8	629272	SC	NQ	0.5
NC4A	372.8	373.5	629273	SC	NQ	0.5
NC4A	373.5	374	629274	SC	NQ	0.5
NC4A	374	375	629275	SC	NQ	0.5
NC4A	375	376	629276	SC	NQ	0.5
NC4A	376	376.5	629277	SC	NQ	0.5
NC4A	376.5	376.8	629278	SC	NQ	0.5
NC4A	376.8	377.1	629279	SC	NQ	0.5
NC4A	377.1	378	629280	SC	NQ	0.5
NC4A	378	378.55	629281	SC	NQ	0.5

Analabs

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

14 Thirkell St. DOBIE TAS 7320

Phone (004) 318837

Fax (004) 318890

762121

ANALYTICAL REPORT No. 100560.60.11158

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

INVOICE TO:
Abertovie Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

ORDER No.	PROJECT
11590	

DATE RECEIVED	RESULTS REQUIRED
16/08/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES
3	01/09/95	1

TOTAL No. OF SAMPLES: 10

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
s29272-281	DD Prep : GP033 CHROME FREE BOWL	Cu,Pb,Zn,Ag/GA101 Au,Au(R)/GB309 Ba,As,Cr,Zr/GX401 Ti/GX408 WHOLE ROCK/GX408

RESULTS TO
Mr R de Bomford
Abertovie Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS TO

RESULTS TO

REMARKS

NC4 SPLIT CORE

AUTHORISED OFFICER

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Analabs Pty. Ltd.
A.C.N. 004 501 [illegible]

762122

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11158	01/09/95	11590	1 OF 3

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Cr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	629272	6	190	806	<2	0.010	<0.008	565	24	34
2	629273	10	375	1395	3	0.011	-	598	43	29
3	629274	47	1487	1489	16	0.009	-	266	243	81
4	629275	43	1718	1552	22	0.014	-	347	248	95
5	629276	38	1486	1870	17	0.012	-	414	359	89
6	629277	31	3797	3226	8	0.008	-	659	31	28
7	629278	20	1483	3476	14	0.015	-	474	118	36
8	629279	12	1181	3161	11	0.020	-	451	74	25
9	629280	5	251	770	<2	<0.008	-	518	25	16
10	629281	18	1163	656	10	<0.008	-	265	265	64
11										
12										
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	4	5	4	2	0.008	0.008	10	2	5
25	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Results in ppm unless otherwise specified
- = element not determined

IS = Insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

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

762123

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11158	01/09/95	11590	2 OF 3

	SAMPLE No.	Zr	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO	K2O
METHOD		GX401	GX408	GX408	GX408	GX408	GX408	GX408	GX408	GX408
1	629272	322	4736	22.10	59.90	0.79	3.29	0.14	0.36	7.98
2	629273	341	5096	23.60	55.80	0.85	4.25	0.26	0.48	8.49
3	629274	97	1978	8.98	77.40	0.33	4.78	0.42	0.22	3.09
4	629275	118	2458	11.70	73.20	0.41	4.81	0.33	0.14	4.05
5	629276	177	2938	14.20	70.00	0.49	4.42	0.23	0.21	5.07
6	629277	344	5156	25.00	52.30	0.86	4.68	0.22	0.43	9.06
7	629278	216	3477	15.70	67.40	0.58	3.86	0.21	0.80	5.69
8	629279	207	2938	14.20	68.20	0.49	4.27	0.37	1.26	5.16
9	629280	262	3717	17.90	51.30	0.62	6.15	1.59	3.89	6.57
10	629281	108	1799	8.37	76.00	0.30	5.69	0.58	1.10	2.85
11										
12										
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	5	50	0.05	0.05	0.01	0.01	0.01	0.01	0.01
25	UNITS	ppm	ppm	%	%	%	%	%	%	%

results in ppm unless otherwise specified
– = element not determined

IS = insufficient sample
SNR = sample not received

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A.C.N. 004 [illegible]

762124

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11158	01/09/95	11590	3 OF 3

	SAMPLE No.	MgO	P2O5	S	Na2O	LOI	TOTAL			
METHOD		OX408	OX408	OX408	OX408	OX408	OX408			
1	629272	1.20	0.199	0.148	0.07	3.75	100.20			
2	629273	1.35	0.221	0.372	0.10	4.30	100.70			
3	629274	0.89	0.043	0.717	<0.05	3.28	101.30			
4	629275	0.96	0.051	0.693	<0.05	3.61	101.20			
5	629276	1.00	0.070	0.809	<0.05	3.56	101.40			
6	629277	1.48	0.248	0.725	0.07	4.47	101.00			
7	629278	0.98	0.141	0.749	0.06	3.45	101.10			
8	629279	0.99	0.135	0.785	0.07	3.68	101.10			
9	629280	2.10	0.177	0.220	0.12	8.61	99.60			
10	629281	1.00	0.039	0.625	<0.05	3.38	101.00			
11										
12										
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	0.01	0.005	0.005	0.05	0.01	0.01			
25	UNITS	%	%	%	%	%	%			

Results in ppm unless otherwise specified
– = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

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

762125

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

ANALYTICAL REPORT No. 100560.60.11061

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

INVOICE TO:
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

ORDER No.	PROJECT
11547 Balan	12191 Add Wk

DATE RECEIVED	RESULTS REQUIRED
06/07/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
12	26/07/95	1	287

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
VARIOUS		Au,Au(R),Au(S)/66309

RESULTS TO:
Mr R de Bomford
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS TO:

RESULTS TO:

REMARKS

RE-ANALYSIS OF JOB 8811 FOR
Au (LAKE MARGARET SOILS)

AUTHORISED OFFICER

Analabs

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

762126

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11061	26/07/95	11547 Balance	1 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623307	0.016	-	-						
2	623308	0.010	-	-						
3	623309	<0.008	-	-						
4	623310	<0.008	-	-						
5	623311	<0.008	-	-						
6	623312	<0.008	-	-						
7	623313	<0.008	-	-						
8	623314	<0.008	-	-						
9	623315	<0.008	-	-						
10	623359	<0.008	-	-						
11	623360	<0.008	-	-						
12	623361	<0.008	<0.008	-						
13	623362	<0.008	-	-						
14	623363	<0.008	-	-						
15	623364	<0.008	-	<0.008						
	623365	<0.008	-	-						
17	623366	<0.008	-	-						
18	623367	<0.008	-	-						
19	623368	<0.008	-	-						
20	623413	<0.008	-	-						
21	623414	<0.008	-	-						
22	623415	<0.008	0.012	-						
23	623416	<0.008	-	-						
24	623417	<0.008	-	-						
25	623420	<0.008	-	-						

Results in ppm unless otherwise specified
– = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

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A.C.N. 004 591 664

762127

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11061	26/07/95	11547 Balance	2 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623421	<0.008	-	-						
2	623476	<0.008	-	-						
3	623477	0.034	-	-						
4	623478	0.016	-	-						
5	623479	0.009	-	-						
6	623480	<0.008	-	-						
7	623485	<0.008	-	-						
8	623486	<0.008	-	-						
9	623487	<0.008	-	-						
10	623488	<0.008	-	-						
11	623490	<0.008	-	<0.008						
12	623491	<0.008	<0.008	-						
13	623493	<0.008	-	-						
14	623494	<0.008	-	-						
15	623495	<0.008	-	-						
	623496	<0.008	-	<0.008						
17	623497	<0.008	-	-						
18	623500	<0.008	-	-						
19	623501	<0.008	-	-						
20	623504	<0.008	-	-						
21	623505	<0.008	-	-						
22	623506	<0.008	<0.008	-						
23	623507	<0.008	-	-						
24	623508	<0.008	-	-						
25	623510	<0.008	-	-						

Results in ppm unless otherwise specified
- = element not determined

IS = Insufficient sample
SNR = sample not received

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A.C.N. 004 591 664

762128

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11061	26/07/95	11547 Balance	3 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623512	<0.008	-	-						
2	623513	0.016	-	-						
3	623514	<0.008	-	-						
4	623515	<0.008	-	-						
5	623518	<0.008	-	-						
6	623519	<0.008	-	-						
7	623520	<0.008	-	-						
8	623521	<0.008	-	-						
9	623523	<0.008	-	-						
10	623524	<0.008	-	-						
11	623525	<0.008	-	-						
12	623530	<0.008	0.008	-						
13	623531	<0.008	-	-						
14	623532	<0.008	-	-						
15	623533	<0.008	-	-						
	623534	<0.008	-	-						
17	623535	<0.008	-	-						
18	623536	0.012	-	-						
19	623537	<0.008	-	-						
20	623538	<0.008	-	-						
21	623539	<0.008	-	-						
22	623540	0.008	<0.008	-						
23	623544	<0.008	-	-						
24	623545	<0.008	-	-						
25	623546	<0.008	-	<0.008						

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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

762129

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11061	26/07/95	11547 Balance	4 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623547	<0.008	-	-						
2	623548	<0.008	-	-						
3	623550	<0.008	-	-						
4	623551	<0.008	-	-						
5	623557	<0.008	-	-						
6	623558	<0.008	-	-						
7	623559	<0.008	-	-						
8	623560	<0.008	-	-						
9	623561	<0.008	-	-						
10	623562	<0.008	-	-						
11	623563	<0.008	-	-						
12	623569	<0.008	0.014	-						
13	623570	<0.008	-	-						
14	623571	<0.008	-	<0.008						
15	623572	<0.008	-	-						
	623573	<0.008	-	-						
17	623575	<0.008	-	-						
18	623576	<0.008	-	-						
19	623578	<0.008	-	-						
20	623580	<0.008	-	-						
21	623581	<0.008	-	-						
22	623582	<0.008	0.008	-						
23	623583	<0.008	-	-						
24	623587	<0.008	-	-						
25	623588	<0.008	-	-						

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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A.C.N. 004 591 664

762130

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11061	26/07/95	11547 Balance	5 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623589	<0.008	-	-						
2	623592	<0.008	-	-						
3	623593	0.009	-	-						
4	623594	<0.008	-	<0.008						
5	623595	0.010	-	-						
6	623596	0.008	-	-						
7	623597	<0.008	-	-						
8	623598	<0.008	-	-						
9	623599	<0.008	-	-						
10	623601	0.008	-	-						
11	623604	0.012	-	-						
12	623605	<0.008	0.012	-						
13	623606	<0.008	-	-						
14	623607	0.010	-	-						
15	623608	<0.008	-	-						
	623609	<0.008	-	-						
17	623610	<0.008	-	-						
18	623611	<0.008	-	-						
19	623612	<0.008	-	-						
20	623614	0.010	-	-						
21	623615	<0.008	-	-						
22	623616	<0.008	<0.008	-						
23	623617	<0.008	-	-						
24	623618	<0.008	-	-						
25	623619	<0.008	-	<0.008						

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

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

762131

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11061	26/07/95	11547 Balance	6 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623620	<0.008	-	-						
2	623621	0.008	-	-						
3	623625	0.018	-	-						
4	623626	0.010	-	-						
5	623627	<0.008	-	-						
6	623629	<0.008	-	-						
7	623630	<0.008	-	-						
8	623631	<0.008	-	-						
9	623632	<0.008	-	-						
10	623633	<0.008	-	-						
11	623634	<0.008	-	-						
12	623635	<0.008	<0.008	-						
13	623636	<0.008	-	-						
14	623637	<0.008	-	-						
15	623638	<0.008	-	-						
	623639	<0.008	-	-						
17	623640	<0.008	-	-						
18	623641	<0.008	-	-						
19	623642	<0.008	-	-						
20	623643	0.010	-	<0.008						
21	623644	<0.008	-	-						
22	623645	<0.008	<0.008	-						
23	623648	<0.008	-	-						
24	623655	<0.008	-	-						
25	623656	<0.008	-	-						

Results in ppm unless otherwise specified
- = element not determined

IS = Insufficient sample
SNR = sample not received

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A.C.N. 004 591 664

762132

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11061	26/07/95	11547 Balance	7 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623657	<0.008	-	-						
2	623659	<0.008	-	-						
3	623660	<0.008	-	-						
4	623661	<0.008	-	-						
5	623662	<0.008	-	-						
6	623663	<0.008	-	-						
7	623664	<0.008	-	-						
8	623665	<0.008	-	-						
9	623666	<0.008	-	-						
10	623667	<0.008	-	-						
11	623668	<0.008	-	-						
12	623669	<0.008	0.008	-						
13	623670	<0.008	-	-						
14	623674	<0.008	-	-						
15	623675	<0.008	-	-						
	623676	<0.008	-	-						
17	623677	<0.008	-	-						
18	623678	<0.008	-	-						
19	623680	<0.008	-	-						
20	623681	<0.008	-	-						
21	623682	<0.008	-	-						
22	623683	0.008	0.008	<0.008						
23	623684	<0.008	-	-						
24	623685	0.015	-	-						
25	623686	<0.008	-	-						

Results in ppm unless otherwise specified
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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11061	26/07/95	11547 Balance	8 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623687	<0.008	-	-						
2	623689	<0.008	-	-						
3	623702	<0.008	-	-						
4	623703	<0.008	-	-						
5	623714	<0.008	-	-						
6	623715	<0.008	-	-						
7	623716	<0.008	-	-						
8	623717	<0.008	-	-						
9	623718	<0.008	-	-						
10	623719	<0.008	0.010	<0.008						
11	623720	<0.008	-	-						
12	623721	<0.008	<0.008	-						
13	623722	<0.008	-	-						
14	623723	<0.008	-	-						
15	623724	<0.008	-	-						
	623726	<0.008	-	-						
17	623727	<0.008	-	-						
18	623728	<0.008	-	-						
19	623729	<0.008	-	-						
20	623730	<0.008	-	-						
21	623731	<0.008	-	-						
22	623734	<0.008	<0.008	-						
23	623742	<0.008	-	-						
24	624043	<0.008	-	-						
25	623746	<0.008	-	-						

Results in ppm unless otherwise specified
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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11061	26/07/95	11547 Balance	9 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623747	<0.008	-	-						
2	624002	<0.008	-	-						
3	624003	<0.008	-	-						
4	624004	<0.008	-	-						
5	624005	<0.008	-	-						
6	624006	<0.008	-	-						
7	624013	<0.008	-	-						
8	624014	<0.008	-	-						
9	624015	<0.008	-	-						
10	624016	<0.008	-	-						
11	624018	<0.008	-	-						
12	624021	<0.008	<0.008	-						
13	624022	<0.008	-	-						
14	624023	<0.008	-	-						
15	624024	<0.008	-	-						
	624025	<0.008	-	-						
17	624026	<0.008	-	<0.008						
18	624027	<0.008	-	-						
19	624041	<0.008	-	-						
20	624042	<0.008	-	-						
21	624044	<0.008	-	-						
22	624045	<0.008	<0.008	-						
23	624046	<0.008	-	-						
24	624048	<0.008	-	-						
25	624049	<0.008	-	-						

Results in ppm unless otherwise specified
- = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11061	26/07/95	11547 Balance	10 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	624050	<0.008	-	-						
2	624051	<0.008	-	-						
3	624052	<0.008	-	-						
4	624053	<0.008	-	-						
5	624054	<0.008	-	-						
6	624056	<0.008	-	-						
7	624057	<0.008	-	-						
8	624058	<0.008	-	-						
9	624059	<0.008	-	-						
10	624063	<0.008	-	-						
11	624066	<0.008	-	-						
12	624067	<0.008	<0.008	-						
13	624068	<0.008	-	-						
14	624069	<0.008	-	-						
15	624070	<0.008	-	<0.008						
	624071	<0.008	-	-						
17	624072	<0.008	-	-						
18	624073	<0.008	-	-						
19	624074	<0.008	-	-						
20	624075	<0.008	-	-						
21	624076	<0.008	-	-						
22	624077	<0.008	<0.008	-						
23	624078	<0.008	-	-						
24	624079	<0.008	-	-						
25	624080	<0.008	-	-						

Results in ppm unless otherwise specified
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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11061	26/07/95	11547 Balance	11 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	624083	<0.008	-	-						
2	624084	<0.008	-	-						
3	624085	<0.008	-	-						
4	624089	<0.008	-	<0.008						
5	624091	<0.008	-	-						
6	624092	<0.008	-	-						
7	624093	<0.008	-	-						
8	624094	<0.008	-	-						
9	624095	<0.008	-	-						
10	624097	<0.008	-	-						
11	624098	<0.008	-	-						
12	624099	<0.008	<0.008	-						
13	624100	<0.008	-	-						
14	624101	<0.008	-	-						
15	624102	<0.008	-	<0.008						
	624106	<0.008	-	-						
17	624107	<0.008	-	-						
18	624108	<0.008	-	-						
19	624109	<0.008	-	-						
20	624110	<0.008	-	-						
21	624112	<0.008	-	-						
22	624113	<0.008	<0.008	-						
23	624114	<0.008	-	-						
24	624115	<0.008	-	-						
25	624118	<0.008	-	-						

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11061	26/07/95	11547 Balance	12 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	624124	<0.008	-	-						
2	624125	<0.008	-	-						
3	624126	<0.008	-	-						
4	624127	<0.008	-	-						
5	624128	<0.008	-	-						
6	624133	<0.008	-	-						
7	624134	0.014	-	-						
8	624135	<0.008	-	-						
9	624137	<0.008	-	-						
10	624138	<0.008	-	-						
11	624139	<0.008	-	-						
12	623679	<0.008	<0.008	-						
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	0.008	0.008	0.008						
25	UNITS	ppm	ppm	ppm						

Results in ppm unless otherwise specified
- = element not determined

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762138

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

ANALYTICAL REPORT No. 100560.60.11060

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

INVOICE TO:
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

ORDER No.	PROJECT
11547(Part)	12173 Add Wk

DATE RECEIVED	RESULTS REQUIRED
06/07/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES
12	17/07/95	1

TOTAL No. OF SAMPLES: 274

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
VARIOUS	PU Prep :	Au,Au(R),Au(S)/S6309

RESULTS TO
Mr K de Bomford
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS TO

RESULTS TO

REMARKS

RE-ANALYSIS OF JOB 8770 FOR Au (LAKE MARGARET SOILS)

AUTHORISED OFFICER

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A.C.N. 004 591 664

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11060	17/07/95	11547(Part)	1 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623126	0.014	-	-						
2	623127	0.011	-	-						
3	623128	0.009	-	<0.008						
4	623129	0.008	-	-						
5	623130	<0.008	-	-						
6	623131	<0.008	-	-						
7	623132	<0.008	-	-						
8	623133	0.010	-	-						
9	623134	<0.008	-	-						
10	623135	<0.008	-	-						
11	623136	<0.008	-	-						
12	623137	0.008	0.018	-						
13	623138	0.008	-	-						
14	623139	0.008	-	-						
15	623140	<0.008	-	-						
	623141	<0.008	-	-						
17	623142	<0.008	-	-						
18	623143	<0.008	-	-						
19	623144	<0.008	-	-						
20	623145	<0.008	-	-						
21	623146	<0.008	-	-						
22	623147	<0.008	0.010	-						
23	623148	<0.008	-	-						
24	623149	<0.008	-	-						
25	623150	<0.008	-	-						

Results in ppm unless otherwise specified
– = element not determined

IS = Insufficient sample
SNR = sample not received

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762140

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11060	17/07/95	11547(Part)	2 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623151	<0.008	-	-						
2	623152	<0.008	-	-						
3	623153	<0.008	-	-						
4	623154	<0.008	-	-						
5	623155	<0.008	-	-						
6	623156	<0.008	-	-						
7	623157	<0.008	-	-						
8	623158	<0.008	-	-						
9	623159	<0.008	-	-						
10	623160	<0.008	-	-						
11	623161	<0.008	-	-						
12	623162	<0.008	0.012	<0.008						
13	623164	0.009	-	-						
14	623165	<0.008	-	-						
15	623166	0.010	-	-						
	623167	0.010	-	-						
17	623168	<0.008	-	-						
18	623169	0.014	-	-						
19	623176	<0.008	-	-						
20	623177	<0.008	-	-						
21	623179	<0.008	-	-						
22	623180	0.008	<0.008	-						
23	623181	<0.008	-	-						
24	623182	<0.008	-	-						
25	623183	<0.008	-	<0.008						

Results in ppm unless otherwise specified
– = element not determined

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SNR = sample not received

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762141

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11060	17/07/95	11547(Part)	3 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623184	<0.008	-	-						
2	623185	<0.008	-	-						
3	623186	0.049	-	-						
4	623187	<0.008	-	-						
5	623188	<0.008	-	-						
6	623189	<0.008	-	-						
7	623190	<0.008	-	-						
8	623191	0.017	-	-						
9	623192	<0.008	-	-						
10	623193	<0.008	-	-						
11	623194	<0.008	-	-						
12	623195	<0.008	0.014	-						
13	623196	0.008	-	-						
14	623197	0.008	-	-						
15	623198	0.009	-	<0.008						
	623199	0.009	-	-						
17	623200	<0.008	-	-						
18	623201	<0.008	-	-						
19	623202	0.008	-	-						
20	623203	0.008	-	-						
21	623204	0.009	-	-						
22	623205	<0.008	0.014	-						
23	623206	0.008	-	-						
24	623208	0.008	-	-						
25	623209	0.008	-	-						

Results in ppm unless otherwise specified
- = element not determined

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762142.

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11060	17/07/95	11547(Part)	4 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623210	0.008	-	-						
2	623211	<0.008	-	-						
3	623212	<0.008	-	-						
4	623213	<0.008	-	-						
5	623214	<0.008	-	-						
6	623215	<0.008	-	-						
7	623216	<0.008	-	-						
8	623217	0.008	-	-						
9	623218	0.011	-	-						
10	623219	0.021	-	-						
11	623220	0.058	-	-						
12	623221	0.015	0.008	<0.008						
13	623222	0.022	-	-						
14	623223	0.034	-	-						
15	623224	0.010	-	-						
	623225	0.013	-	-						
17	623226	<0.008	-	-						
18	623227	0.008	-	-						
19	623228	<0.008	-	-						
20	623229	0.010	-	-						
21	623230	<0.008	-	-						
22	623231	0.029	0.030	-						
23	623232	0.013	-	-						
24	623233	0.026	-	-						
25	623234	0.040	-	-						

Results in ppm unless otherwise specified
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762143

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11060	17/07/95	11547(Part)	5 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623235	0.015	-	-						
2	623236	0.049	-	-						
3	623237	0.015	-	0.014						
4	623238	0.045	-	-						
5	623239	0.015	-	-						
6	623240	<0.008	-	-						
7	623241	0.011	-	-						
8	623242	0.010	-	-						
9	623243	<0.008	-	-						
10	623244	<0.008	-	-						
11	623245	<0.008	-	-						
12	623246	0.010	0.024	-						
13	623253	<0.008	-	-						
14	623254	<0.008	-	-						
15	623255	<0.008	-	-						
	623256	<0.008	-	-						
17	623257	<0.008	-	-						
18	623258	0.010	-	-						
19	623259	0.008	-	-						
20	623260	0.014	-	-						
21	623261	0.010	-	-						
22	623262	0.011	0.018	-						
23	623263	0.010	-	-						
24	623264	0.010	-	<0.008						
25	623265	0.011	-	-						

Results in ppm unless otherwise specified
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762144

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11060	17/07/95	11547(Part)	6 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623266	0.012	-	-						
2	623267	0.011	-	-						
3	623268	0.011	-	-						
4	623269	<0.008	-	-						
5	623270	0.008	-	-						
6	623271	<0.008	-	-						
7	623272	<0.008	-	-						
8	623274	<0.008	-	-						
9	623275	<0.008	-	-						
10	623276	<0.008	-	-						
11	623277	<0.008	-	-						
12	623278	<0.008	0.008	<0.008						
13	623279	0.020	-	-						
14	623280	<0.008	-	-						
15	623282	0.008	-	-						
	623283	0.009	-	-						
17	623284	0.009	-	-						
18	623285	<0.008	-	-						
19	623286	<0.008	-	-						
20	623287	<0.008	-	-						
21	623288	0.009	-	-						
22	623289	0.012	0.008	-						
23	623290	0.008	-	-						
24	623291	0.012	-	-						
25	623292	0.009	-	-						

Results in ppm unless otherwise specified
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762145

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11060	17/07/95	11547(Part)	7 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623293	<0.008	-	-						
2	623294	0.009	-	-						
3	623295	0.202	-	-						
4	623296	0.012	-	-						
5	623297	0.038	-	-						
6	623298	0.136	-	-						
7	623299	<0.008	-	-						
8	623300	0.011	-	-						
9	623301	0.008	-	-						
10	623302	0.010	-	-						
11	623316	<0.008	-	-						
12	623317	<0.008	0.014	-						
13	623318	<0.008	-	-						
14	623319	<0.008	-	-						
15	623320	<0.008	-	-						
	623321	<0.008	-	-						
17	623322	<0.008	-	-						
18	623323	0.013	-	-						
19	623324	0.008	-	-						
20	623325	0.016	-	-						
21	623327	0.009	-	-						
22	623328	0.009	0.018	-						
23	623329	0.014	-	-						
24	623330	<0.008	-	-						
25	623331	0.009	-	-						

Results in ppm unless otherwise specified
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A.C.N. 004 591 664

762146

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11060	17/07/95	11547(Part)	8 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623333	0.008	-	-						
2	623334	0.010	-	-						
3	623335	0.010	-	-						
4	623336	0.011	0.016	0.011						
5	623338	0.009	-	-						
6	623339	0.009	<0.008	-						
7	623340	<0.008	<0.008	-						
8	623341	0.032	-	-						
9	623342	0.009	-	-						
10	623344	<0.008	-	-						
11	623345	<0.008	-	-						
12	623346	0.009	0.020	-						
13	623347	0.024	-	-						
14	623348	<0.008	-	-						
15	623349	<0.008	-	-						
	623350	0.008	-	-						
17	623351	0.009	-	-						
18	623352	0.013	-	<0.008						
19	623353	0.010	-	-						
20	623369	<0.008	-	-						
21	623370	<0.008	-	-						
22	623371	<0.008	0.012	-						
23	623372	<0.008	-	-						
24	623373	<0.008	-	-						
25	623374	<0.008	-	-						

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

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

762147

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11060	17/07/95	11547(Part)	9 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623375	<0.008	-	-						
2	623376	<0.008	-	-						
3	623377	<0.008	-	-						
4	623378	<0.008	-	-						
5	623379	<0.008	-	-						
6	623380	<0.008	-	-						
7	623382	<0.008	-	-						
8	623383	0.008	-	-						
9	623384	<0.008	-	-						
10	623385	<0.008	-	-						
11	623386	<0.008	-	-						
12	623387	<0.008	<0.008	-						
13	623388	<0.008	-	-						
14	623389	<0.008	-	-						
15	623390	<0.008	-	-						
	623391	<0.008	-	-						
17	623393	<0.008	-	-						
18	623395	<0.008	-	<0.008						
19	623398	<0.008	-	-						
20	623399	<0.008	-	-						
21	623400	<0.008	-	-						
22	623401	<0.008	<0.008	-						
23	623402	<0.008	-	-						
24	623405	<0.008	-	-						
25	623406	<0.008	-	<0.008						

Results in ppm unless otherwise specified
- = element not determined

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SNR = sample not received

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762148

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11060	17/07/95	11547(Part)	10 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623407	<0.008	-	-						
2	623409	<0.008	-	-						
3	623410	0.019	-	-						
4	623422	0.018	-	-						
5	623423	0.014	-	-						
6	623424	0.012	-	-						
7	623425	0.008	-	-						
8	623426	<0.008	-	-						
9	623427	0.009	-	-						
10	623428	0.010	-	-						
11	623429	0.013	-	-						
12	623430	0.009	0.014	-						
13	623431	0.012	-	-						
14	623432	<0.008	-	-						
15	623433	0.008	-	-						
	623434	<0.008	-	-						
17	623435	0.009	-	-						
18	623437	0.009	-	-						
19	623438	<0.008	-	-						
20	623439	<0.008	-	<0.008						
21	623440	<0.008	-	-						
22	623441	0.024	0.034	-						
23	623442	<0.008	-	-						
24	623444	<0.008	-	-						
25	623445	<0.008	-	-						

Results in ppm unless otherwise specified
– = element not determined

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SNR = sample not received

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762149

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11060	17/07/95	11547(Part)	11 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1	623446	<0.008	-	-						
2	623447	0.008	-	-						
3	623448	0.012	-	-						
4	623449	0.017	-	-						
5	623450	0.010	-	-						
6	623451	0.009	-	-						
7	623452	<0.008	-	-						
8	623453	<0.008	-	-						
9	623456	<0.008	-	-						
10	623457	<0.008	-	-						
11	623459	<0.008	-	<0.008						
12	623460	<0.008	0.014	-						
13	623461	0.008	-	-						
14	623462	<0.008	-	-						
15	623465	<0.008	-	-						
	623466	<0.008	-	-						
17	623467	0.008	-	-						
18	623468	<0.008	-	-						
19	623469	<0.008	-	-						
20	623470	<0.008	-	-						
21	623471	<0.008	-	-						
22	623472	<0.008	0.008	-						
23	623473	<0.008	-	-						
24	623474	<0.008	-	-						
25										

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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762150

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11060	17/07/95	11547(Part)	12 OF 12

	SAMPLE No.	Au	Au(R)	Au(S)						
METHOD		GG309	GG309	GG309						
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	0.008	0.008	0.008						
25	UNITS	ppm	ppm	ppm						

Results in ppm unless otherwise specified
– = element not determined

IS = Insufficient sample
SNR = sample not received

AUTHORISED OFFICER

ABERFOYLE EXPLORATION

GEOCHEMICAL SAMPLE LEDGER

762151

LICENCE EL5/85

NAME Lake Margaret

DATE 15/08/1995

DESCRIPTION

Newton Creek Wacker

TOTAL 62 samples

NOTES P reported as P2O5(%)
Cr-free bowls

ANALYSES REQUIRED

ELEMENT	METHOD
Cu	GA101
Pb	GA101
Zn	GA101
Ag	GA101
Au	GG309
Ba	GX401
As	GX401
Ti	GX401
Zr	GX401
P2O5	GX401

AMG EAST	AMG NORTH	SAMPLE#	GEOLOGY
380000	5358800	629301	D-l
380025	5358800	629302	D-l
380050	5358800	629303	D-clv/l
380075	5358800	629304	D-clv/l
380100	5358800	629305	D-l
380125	5358800	629306	D-l
380150	5358800	629307	D-l/clv
380175	5358800	629308	D-l
380200	5358800	629309	D-l
380225	5358800	629310	D-l
380250	5358800	629311	D-l
380275	5358800	629312	gr
380310	5358810	629313	R/D-l
380330	5358800	629314	D-l
380355	5358795	629315	D-l
380375	5358800	629316	gr
380385	5358820	629317	gr
380390	5358840	629318	D-l
380405	5358825	629319	D-l/clv
380420	5358810	629320	D-l/clv
380435	5358805	629321	R/D-l
380450	5358800	629322	R/D-l
380475	5358800	629323	gr
380500	5358800	629324	xVs
380525	5358800	629325	R-l/mlv
380550	5358800	629326	gr
380575	5358800	629327	gr
380600	5358800	629328	gr
380610	5358800	629329	R-Por
380000	5358400	629330	D-l
380025	5358400	629331	D-l
380050	5358400	629332	D-l
380075	5358400	629333	D-l
380100	5358400	629334	cy
380125	5358400	629335	cy
380150	5358400	629336	gr
380175	5358400	629337	D-l
380200	5358400	629338	cy
380225	5358400	629339	cy
380250	5358400	629340	D-l
380275	5358400	629341	D-l
380300	5358400	629342	gr
380325	5358400	629343	D-l

AMG EAST	AMG NORTH	SAMPLE#	GEOLOGY
380350	5358400	629344	R-Por
380375	5358400	629345	R-Por
380400	5358400	629346	R-Por
380425	5358400	629347	R-Por
380450	5358400	629348	R-I
380450	5358395	629349	cy
380465	5358390	629350	cy
380485	5358385	629351	cy
380500	5358375	629352	cy
380515	5358370	629353	cy
380530	5358355	629354	D-I
380545	5358350	629355	cy
380560	5358355	629356	D-I
380565	5358365	629357	D-I
380565	5358375	629358	A/D-I/mlv
380575	5358400	629359	cy
380600	5358400	629360	D-I/mlv
380625	5358400	629361	gr
380650	5358400	629362	D-I/mlv

762152

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

14 Thirkell St. CODEE TAS 7320
Phone (004) 315837
Fax (004) 318890

762153

ANALYTICAL REPORT No. 200560.00.11152

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

INVOICE TO: Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

ORDER No.	PROJECT
11592	

DATE RECEIVED	RESULTS REQUIRED
16/08/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
4	01/09/95	1	62

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
629301-362	GR Prep : GP031,GP033 CHROME FREE BOWL	Cu,Pb,Zn,Ag/GA101 Au,Au(R)/GG309 Ba,As,Cr,Zr,TiO2,P2O5/GX401

RESULTS TO: Mr R de Bomford
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS TO:

RESULTS TO:

REMARKS

NEWTON CREEK WACKER

AUTHORISED OFFICER

Analabs

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

762154

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11159	01/09/95	11592	1 OF 6

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Cr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	629301	5	29	20	<2	<0.008	-	1245	<2	15
2	629302	12	74	25	<2	<0.008	-	744	12	18
3	629303	7	36	42	<2	<0.008	-	566	6	22
4	629304	66	40	124	<2	<0.008	-	3055	8	17
5	629305	16	56	106	<2	<0.008	-	1515	6	7
6	629306	<4	36	45	<2	<0.008	-	2595	4	13
7	629307	<4	26	5	<2	<0.008	-	1160	8	18
8	629308	4	331	24	<2	<0.008	-	3210	5	16
9	629309	<4	99	8	<2	0.009	-	785	26	17
10	629310	4	168	85	<2	<0.008	-	887	14	14
11	629311	<4	63	8	<2	<0.008	-	1175	5	22
12	629312	15	47	92	<2	<0.008	<0.008	196	6	53
13	629313	<4	32	150	<2	<0.008	-	176	9	19
14	629314	<4	17	126	<2	<0.008	-	298	19	19
15	629315	20	36	168	<2	0.009	-	519	13	25
16	629316	21	32	75	<2	<0.008	-	386	9	48
17	629317	10	23	29	<2	<0.008	-	343	10	44
18	629318	<4	28	77	<2	<0.008	-	1125	7	7
19	629319	58	25	205	<2	<0.008	-	1015	10	18
20	629320	6	22	81	<2	<0.008	-	553	6	23
21	629321	5	32	241	<2	<0.008	-	476	13	21
22	629322	49	65	249	<2	<0.008	<0.008	587	7	19
23	629323	16	31	36	<2	<0.008	-	778	<2	25
24	629324	4	17	7	<2	<0.008	-	665	<2	26
25	629325	12	25	16	<2	<0.008	-	2025	<2	14

Results in ppm unless otherwise specified
- = element not determined

IS = Insufficient sample
SNR = sample not received

AUTHORISED OFFICER

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Analabs Pty. Ltd
A.C.N. 004 501 66

762155

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11159	01/09/95	11592	2 OF 6

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Cr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	629326	8	85	28	<2	<0.008	-	2055	<2	14
2	629327	9	75	27	<2	<0.008	-	1225	8	20
3	629328	6	28	14	<2	<0.008	-	241	<2	86
4	629329	25	30	57	<2	<0.008	-	1435	5	33
5	629330	21	35	95	<2	<0.008	-	622	11	9
6	629331	6	36	51	<2	<0.008	-	751	8	7
7	629332	9	39	150	<2	<0.008	-	776	7	<5
8	629333	14	46	103	<2	<0.008	-	687	13	15
9	629334	4	26	23	<2	<0.008	-	1170	<2	10
10	629335	<4	26	55	<2	<0.008	-	1660	8	14
11	629336	<4	16	18	<2	<0.008	-	1820	6	13
12	629337	<4	33	58	<2	<0.008	0.012	491	4	<5
13	629338	78	67	195	<2	<0.008	-	655	21	10
14	629339	11	28	144	<2	<0.008	-	531	10	16
15	629340	9	32	151	<2	<0.008	-	718	10	10
16	629341	93	197	393	<2	<0.008	-	848	47	37
17	629342	9	34	32	<2	<0.008	-	378	7	33
18	629343	25	15	132	<2	<0.008	-	2275	6	31
19	629344	8	14	40	<2	<0.008	-	1220	<2	43
20	629345	8	18	42	<2	<0.008	-	2620	<2	9
21	629346	7	19	74	<2	<0.008	-	2245	6	19
22	629347	23	32	120	<2	<0.008	0.008	406	7	8
23	629348	28	29	157	<2	<0.008	-	577	9	14
24	629349	17	43	276	<2	<0.008	-	2385	7	41
25	629350	20	133	58	<2	<0.008	-	2625	25	66

Results in ppm unless otherwise specified
- = element not determined

IS = Insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 [illegible]

762156

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11159	01/09/95	11592	3 OF 6

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Cr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	629351	143	111	401	<2	<0.008	-	224	47	40
2	629352	132	56	206	<2	<0.008	-	682	20	98
3	629353	78	39	134	<2	<0.008	-	878	12	119
4	629354	103	67	67	<2	0.032	-	1785	20	130
5	629355	160	285	142	<2	0.009	-	1925	69	61
6	629356	65	90	147	<2	<0.008	-	972	36	47
7	629357	7	31	441	<2	<0.008	-	1355	10	54
8	629358	27	56	405	<2	<0.008	-	2105	13	68
9	629359	140	58	176	<2	<0.008	-	376	52	93
10	629360	7	45	637	<2	<0.008	-	2715	38	365
11	629361	33	33	39	<2	<0.008	-	274	27	52
12	629362	76	45	150	<2	<0.008	<0.008	772	48	50
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	4	5	4	2	0.008	0.008	10	2	5
25	UNITS	ppm	ppm	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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ANALYTICAL DATA

762157

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11159	01/09/95	11592	4 OF 6

METHOD	SAMPLE No.	Zr GX401	T102 GX401	P205 GX401						
1	629301	279	0.57	0.014						
2	629302	280	0.65	0.055						
3	629303	380	0.47	0.044						
4	629304	140	1.13	0.032						
5	629305	366	0.57	0.060						
6	629306	264	0.52	0.021						
7	629307	219	0.44	0.016						
8	629308	205	0.44	0.046						
9	629309	244	0.43	0.030						
10	629310	287	0.61	0.030						
11	629311	243	0.53	0.021						
12	629312	269	0.33	0.080						
13	629313	180	0.59	0.140						
14	629314	187	0.62	0.110						
15	629315	225	0.62	0.085						
16	629316	239	0.34	0.101						
17	629317	325	0.31	0.030						
18	629318	187	0.52	0.069						
19	629319	178	0.59	0.165						
20	629320	270	0.52	0.048						
21	629321	201	0.58	0.128						
22	629322	207	0.62	0.124						
23	629323	231	0.37	0.076						
24	629324	144	0.22	0.021						
25	629325	172	0.29	0.025						

Results in ppm unless otherwise specified
– = element not determined

IS = insufficient sample
SNR = sample not received

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A.C.N. 004 581 664

762158

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11159	01/09/95	11592	5 OF 6

METHOD	SAMPLE No.	Zr GX401	TiO2 GX401	P2O5 GX401						
1	629326	191	0.31	0.069						
2	629327	188	0.35	0.066						
3	629328	253	0.30	0.025						
4	629329	229	0.61	0.085						
5	629330	240	0.34	0.092						
6	629331	293	0.32	0.080						
7	629332	238	0.35	0.105						
8	629333	230	0.56	0.144						
9	629334	300	0.58	0.034						
10	629335	289	0.55	0.041						
11	629336	436	0.74	0.105						
12	629337	250	0.45	0.085						
13	629338	217	0.45	0.135						
14	629339	299	0.57	0.076						
15	629340	311	0.56	0.085						
16	629341	245	0.52	0.298						
17	629342	210	0.27	0.057						
18	629343	198	0.38	0.115						
19	629344	190	0.32	0.062						
20	629345	149	0.30	0.080						
21	629346	172	0.35	0.117						
22	629347	205	0.43	0.078						
23	629348	178	0.36	0.112						
24	629349	226	0.65	0.048						
25	629350	193	0.57	0.099						

Results in ppm unless otherwise specified
– = element not determined

IS = insufficient sample
SNR = sample not received

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A.C.N. 004 591 6[illegible]

762159

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.11159	01/09/95	11592	6 OF 6

	SAMPLE No.	Zr	TiO2	P2O5						
METHOD		GX401	GX401	GX401						
1	629351	141	0.51	0.504						
2	629352	146	0.52	0.820						
3	629353	202	0.70	0.261						
4	629354	167	0.56	0.179						
5	629355	209	0.59	0.433						
6	629356	231	1.18	0.410						
7	629357	203	0.55	0.245						
8	629358	245	0.61	0.202						
9	629359	217	0.52	0.605						
10	629360	327	0.87	0.078						
11	629361	234	0.34	0.096						
12	629362	238	0.93	0.213						
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	5	0.01	0.005						
25	UNITS	ppm	%	%						

Results in ppm unless otherwise specified
– = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

ABERFOYLE EXPLORATION

GEOCHEMICAL SAMPLE LEDGER

762160

LICENCE EL5/85

NAME Lake Margaret

DATE 7/12/1994

DESCRIPTION

Newton Creek Wacker

TOTAL 12 samples

NOTES P reported as P2O5(%)
Cr-free bowls

ANALYSES REQUIRED

ELEMENT	METHOD
Cu	GA101
Pb	GA101
Zn	GA101
Ag	GA101
Au	GG309
Ba	~~GX104~~ 401
As	GX401
Tl	GX401
Zr	GX401
P2O5	GX401

AMG EAST	AMG NORTH	SAMPLE#	GEOLOGY
381250	5357000	627856	Fd xr vicl Ss-b
381350	5357000	627860	Fd Q xr vicl Ss
381125	5357000	627851	yw sandy gravel
381150	5357000	627852	wh cy gravel
381225	5357000	627855	gravel
381275	5357000	627857	sand
381300	5357000	627858	gravel
381100	5357000	627850	wth gn Cl alt Fd brg vicl
381175	5357000	627853	Q Fd p R I
381200	5357000	627854	dk gn Fd xr f lv
381325	5357000	627859	dk gy Sh
381375	5357000	627861	gy Sh

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 864

14 Fairkeil St. COOEE TAS 7320

Phone (004) 318637

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762161

ANALYTICAL REPORT No. 10950.60.10578

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

INVOICE TO: Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

ORDER No.	PROJECT
/453	

DATE RECEIVED	RESULTS REQUIRED
13/12/94	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES
2	29/12/94	1

TOTAL No. OF SAMPLES: 12

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
a27850/861	SR Prep : GP032/GP033 CHROME FREE BOWL	Cu,Pb,Zn,Ag/GA101 Au/66309 Ba,As,Zr,Ti,P2O5/GX401

RESULTS TO: Mr R de Bomford
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS TO:

RESULTS TO:

REMARKS

LMG WACKER

AUTHORISED OFFICER

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762162

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10598	29/12/94	7433	1 OF 2

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Ba	As	Zr	Ti
METHOD		GA101	GA101	GA101	GA101	GG309	GX401	GX401	GX401	GX401
1	627850	15	10	130	<2	<0.008	471	<2	184	3275
2	627851	10	<5	75	<2	<0.008	834	8	274	2937
3	627852	37	<5	46	<2	0.010	1310	<2	301	1261
4	627853	18	<5	42	<2	<0.008	1230	7	244	1171
5	627854	8	<5	98	<2	<0.008	270	5	204	6278
6	627855	16	9	97	<2	<0.008	407	<2	200	3317
7	627856	24	8	171	<2	<0.008	356	5	263	2156
8	627857	6	11	15	<2	<0.008	92	4	248	1157
9	627858	5	5	9	<2	<0.008	43	<2	193	1213
10	627859	14	12	46	<2	<0.008	1480	9	312	1909
11	627860	7	<5	104	<2	<0.008	313	4	413	3014
12	627861	5	<5	74	<2	<0.008	1388	<2	299	2031
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	4	5	4	2	0.008	10	2	5	50
25	UNITS	ppm	ppm	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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A.C.N. 004 591 664

762163

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10598	29/12/94	7433	2 OF 2

	SAMPLE No.	P205
METHOD		GX401
1	627850	0.059
2	627851	0.165
3	627852	0.048
4	627853	0.055
5	627854	0.100
6	627855	0.092
7	627856	0.040
8	627857	0.016
9	627858	0.015
10	627859	0.059
11	627860	0.097
12	627861	0.034
13		
14		
15		
17		
18		
19		
20		
21		
22		
23		
24	DETECTION	0.007
25	UNITS	%

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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ABERFOYLE EXPLORATION

GEOCHEMICAL SAMPLE LEDGER

7621 64

LICENCE EL5/85

NAME Lake Margaret

DATE 23/12/1994

DESCRIPTION

Newton Creek Wacker

TOTAL 100 samples

NOTES P reported as P2O5(%)
Cr-free bowls

ANALYSES REQUIRED

ELEMENT	METHOD
Cu	GA101
Pb	GA101
Zn	GA101
Ag	GA101
Au	GG309
Ba	GX401
As	GX401
Tl	GX401
Zr	GX401
P2O5	GX401

AMG EAST	AMG NORTH	SAMPLE#	GEOLOGY
380150	5359200	627863	wth gn ?R I
380175	5359200	627864	pp gn Fd Q p R I
380200	5359200	627865	pp gn Fd Q p R I
380225	5359200	627866	wth pp gn Fd p R I
380250	5359200	627867	pp gn Fd p R I-b
380050	5359000	627868	pl gy fg Q p R I
380075	5359000	627869	pk gy fg Fd Q p R I
380100	5359000	627870	gn gy fg Fd Q p R I
380125	5359000	627871	pl gy gn fg Q Fd p R I
380150	5359000	627872	pl gy gn fg Q Fd p R I
380175	5359000	627873	pl gy gn mg Q Fd p R I
380200	5359000	627874	gy gn mg Q Fd p R I
380225	5359000	627875	gn pk Q p R I
380250	5359000	627876	gn Q p R I
380275	5359000	627877	gn str por Fd Q p R I
380300	5359000	627878	gn cg str por Fd Q p R I
380325	5359000	627879	pl gn Fd Q p R I
380375	5359000	627881	gn Fd Q p R I
380100	5359200	627882	shd pl gn Ser Cl alt Fd p D ?I
380400	5359000	627883	Q p R I
380450	5359000	627885	gn Q Fd p R I
380475	5359000	627886	pl gn gy cg Q Fd p Por
380500	5359000	627887	shd pp gn Hmt Se HA?
380525	5359000	627888	pp Fd p D I
380550	5359000	627889	wth shd ?Se alt
380575	5359000	627890	pp Hmt alt Fd p D I
380600	5359000	627891	pp Hmt alt Fd p D I
380625	5359000	627892	shd pp gn D I
380750	5359000	627893	shd gy gn Fd brg f lv
380775	5359000	627894	gn R?
380800	5359000	627895	Fd brg f lv
380825	5359000	627896	Fd brg f lv
380850	5359000	627897	gn Fd p D I
380875	5359000	627898	Fd xr vlcl Ss
380900	5359000	627899	vlcl
380275	5359200	627900	shd Cl vn ?R
380300	5359200	627901	pp Hmt alt Fd p D I
380325	5359200	627902	wth pp ?Hmt alt Fd p D I
380350	5359200	627903	cr cy
380375	5359200	627904	wth shd pp ?D I
380400	5359200	627905	yw cy

762165

AMG EAST	AMG NORTH	SAMPLE#	GEOLOGY
380425	5359200	627906	wh Q Cl vn
380450	5359200	627907	pp cy
380475	5359200	627908	cy
380500	5359200	627909	gy pp Sh
380525	5359200	627910	gy pp Sh
380550	5359200	627911	cy
380575	5359200	627912	Q Fd p R I
380600	5359200	627913	pp Q Fd p R I
380625	5359200	627914	pk Q p R I
380650	5359200	627915	wh sil aplite dy
380675	5359200	627916	pp Q Fd p R I
380700	5359200	627917	pp Q Fd p R I
380075	5359400	627919	sandy cy
380100	5359400	627920	yw wth ?
380125	5359400	627921	yw wth D I
380150	5359400	627922	wh cy
380225	5359400	627924	wth ?R I
380300	5359400	627925	Q vn
380350	5359400	627926	wth ?R I
380375	5359400	627927	pp Q p R I
380450	5359400	627930	Q Fd p R I
380475	5359400	627931	pk Q p R I
380500	5359400	627932	pk Q p R I
380525	5359400	627933	wh Q p R I
380550	5359400	627934	pk fg Q p R I
380575	5359400	627935	pk mg Q p R I
380600	5359400	627936	wth R I
380000	5359600	627937	wth Q p R
380025	5359600	627938	wth R I
380050	5359600	627939	wth R I
380075	5359600	627940	wth R I
380100	5359600	627941	bn cy
380275	5359600	627945	yw cy
380375	5359600	627947	Q p R I
380400	5359600	627948	pk gy Q p R I
380000	5359800	627949	wth Q p R
380075	5359800	627952	wth yw ?
380100	5359800	627953	wth pp gn D I (?Hmt)
380275	5359800	627957	yw cy
380325	5359800	627958	yw cy
380450	5359800	627960	gn Fd p vicl
380100	5360000	627965	wth R?
380175	5360000	627968	wth ?R
380225	5360000	627970	wth Fd p R I
380250	5360000	627971	wth Fd p R I
380275	5360000	627972	wth Fd p R I
380300	5360000	627973	wth Fd p R I
380425	5360000	627978	gravel
380100	5360200	627979	pk Q p R I
380125	5360200	627980	pk Q p R I
380150	5360200	627981	pk gn Q Fd R I
380175	5360200	627982	pk gn Q Fd R I
380200	5360200	627983	gn Q Fd R I
380225	5360200	627984	pk Q p R I
380250	5360200	627985	pk gy Fd p R I
380275	5360200	627986	pk gy Fd p R I
380300	5360200	627987	wth R

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

762166

ANALYTICAL REPORT No. 100560.60.106333

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

INVOICE TO:

Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

ORDER No.	PROJECT
7437	

DATE RECEIVED	RESULTS REQUIRED
03/01/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
10	19/01/95	1	100

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
VARIOUS	SR Prep : GP031,GP033 CHROME FREE BOWL	Cu,Pb,Zn,Ag/GA101 Au,Au(R)/GG309 Ba,As,Zr,Ti,P2O5/GX401

RESULTS TO

Mr R de Bomford
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS TO

RESULTS TO

REMARKS

LMARK WAKKER

AUTHORISED OFFICER

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762167

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10633	19/01/95	7437	1 OF 10

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Zr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	627863	37	17	304	<2	<0.008	-	671	8	186
2	627864	12	10	120	<2	<0.008	-	904	7	177
3	627865	10	5	115	<2	<0.008	-	241	5	163
4	627866	17	67	154	<2	<0.008	-	117	5	171
5	627867	25	14	87	<2	<0.008	-	207	8	179
6	627868	7	8	6	<2	<0.008	-	235	4	316
7	627869	9	6	23	<2	<0.008	-	483	<2	224
8	627870	17	10	116	<2	<0.008	-	1193	7	180
9	627871	14	8	45	<2	<0.008	-	805	6	190
10	627872	41	<5	50	<2	<0.008	-	1226	9	182
11	627873	18	<5	49	<2	<0.008	-	809	9	171
12	627874	16	5	48	<2	<0.008	<0.008	952	5	182
13	627875	46	201	91	<2	0.030	-	2361	17	164
14	627876	40	12	53	<2	<0.008	-	1024	8	170
15	627877	22	<5	45	<2	<0.008	-	1000	15	143
16	627878	11	10	43	<2	<0.008	-	788	12	150
17	627879	23	15	20	<2	0.014	-	545	7	181
18	627881	68	5	47	<2	<0.008	-	1368	5	144
19	627882	5	7	31	<2	<0.008	-	1056	<2	287
20	627883	30	420	45	<2	<0.008	-	1586	<2	215
21										
22										
23	627885	7	<5	32	<2	<0.008	-	730	<2	152
24	627886	8	9	30	<2	<0.008	-	1627	4	204
25	627887	6	14	161	<2	<0.008	-	211	20	210

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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A.C.N. 004 591 664

762168

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10633	19/01/95	7437	2 OF 10

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Zr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	627888	67	29	128	<2	<0.008	-	768	36	139
2	627889	60	15	207	<2	<0.008	-	1189	17	229
3	627890	16	14	38	<2	<0.008	-	248	17	196
4	627891	9	12	87	<2	<0.008	-	195	22	187
5	627892	11	5	174	<2	<0.008	-	168	22	202
6	627893	5	<5	155	<2	<0.008	-	1033	4	356
7	627894	129	46	141	<2	0.016	-	1288	18	177
8	627895	25	<5	58	<2	<0.008	-	1529	<2	202
9	627896	9	<5	63	<2	<0.008	-	1241	4	274
10	627897	14	<5	34	<2	<0.008	-	927	7	279
11	627898	22	6	92	<2	<0.008	-	890	6	239
12	627899	25	12	71	<2	<0.008	<0.008	1411	12	361
13	627900	30	26	190	<2	<0.008	-	143	<2	211
14	627901	19	<5	258	<2	<0.008	-	142	5	177
15	627902	19	8	58	<2	<0.008	-	92	7	164
16	627903	25	23	140	<2	<0.008	-	999	8	225
17	627904	29	<5	157	<2	<0.008	-	1239	16	206
18	627905	56	<5	111	<2	<0.008	-	233	17	211
19	627906	13	8	26	<2	<0.008	-	262	<2	200
20	627907	33	85	110	<2	<0.008	-	834	41	238
21	627908	54	31	174	<2	<0.008	-	1552	12	210
22	627909	83	58	165	<2	<0.008	<0.008	2397	61	193
23	627910	158	993	155	3	<0.008	-	2705	56	203
24	627911	49	68	125	<2	<0.008	-	803	<2	279
25	627912	14	6	43	<2	<0.008	-	966	4	277

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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

762169

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10633	19/01/95	7437	3 OF 10

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Zr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	627913	8	<5	31	<2	<0.008	-	1317	<2	249
2	627914	7	<5	22	<2	<0.008	-	1687	<2	258
3	627915	6	<5	8	<2	<0.008	-	879	<2	264
4	627916	6	<5	39	<2	<0.008	-	1449	<2	281
5	627917	6	9	19	<2	<0.008	-	1391	<2	266
6	627919	32	13	80	<2	<0.008	-	2443	<2	189
7	627920	68	<5	124	<2	<0.008	-	1485	<2	203
8	627921	62	5	88	<2	<0.008	-	1926	4	195
9	627922	29	13	41	<2	<0.008	-	624	<2	234
10	627924	243	<5	84	<2	<0.008	-	1972	<2	206
11	627925	16	9	21	<2	<0.008	-	201	<2	194
12	627926	7	12	17	<2	<0.008	<0.008	243	<2	180
13	627927	15	19	27	<2	<0.008	-	366	<2	272
14	627930	7	7	95	<2	<0.008	-	1709	<2	227
15	627931	11	25	29	<2	<0.008	-	1524	<2	232
16	627932	7	26	45	<2	<0.008	-	1927	<2	241
17	627933	5	7	23	<2	<0.008	-	1362	<2	254
18	627934	5	<5	9	<2	<0.008	-	2243	<2	209
19	627935	8	10	25	<2	<0.008	-	410	<2	245
20	627936	5	5	31	<2	<0.008	-	1178	<2	307
21	627937	22	12	238	<2	<0.008	-	1228	<2	214
22	627938	8	16	97	<2	<0.008	<0.008	1767	<2	193
23	627939	24	12	70	<2	<0.008	-	1738	<2	204
24	627940	19	15	38	<2	<0.008	-	1619	<2	219
25	627941	14	15	40	<2	<0.008	-	306	<2	282

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

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

762170

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10633	19/01/95	7437	4 OF 10

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Zr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	627945	107	69	305	<2	<0.008	-	2452	5	195
2	627947	11	12	55	<2	<0.008	-	2417	4	246
3	627948	8	5	63	<2	<0.008	-	1751	<2	248
4	627949	56	10	104	<2	<0.008	-	1108	<2	169
5	627952	9	5	139	<2	<0.008	-	1053	<2	211
6	627953	25	21	130	<2	<0.008	-	177	6	215
7	627957	16	14	25	<2	<0.008	-	198	<2	385
8	627958	15	15	29	<2	<0.008	-	256	<2	240
9	627960	109	<5	94	<2	<0.008	-	476	4	261
10	627965	11	8	30	<2	<0.008	-	993	<2	232
11	627968	14	28	77	<2	<0.008	-	903	<2	215
12	627970	14	25	41	<2	<0.008	<0.008	1001	<2	316
13	627971	14	88	40	<2	<0.008	-	449	<2	253
14	627972	12	10	85	<2	<0.008	-	946	<2	207
15	627973	15	10	72	<2	<0.008	-	835	<2	262
16	627978	16	22	25	<2	<0.008	-	298	<2	285
17	627979	8	6	5	<2	<0.008	-	1038	11	175
18	627980	7	<5	15	<2	<0.008	-	1636	<2	260
19	627981	10	6	31	<2	<0.008	-	830	4	285
20	627982	16	5	27	<2	<0.008	-	1352	<2	220
21	627983	7	<5	19	<2	<0.008	-	1170	5	252
22	627984	5	5	15	<2	<0.008	<0.008	782	<2	283
23	627985	9	<5	15	<2	<0.008	-	1063	<2	224
24	627986	8	7	43	<2	<0.008	-	1093	<2	309
25	627987	5	5	31	<2	<0.008	-	278	<2	238

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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A.C.N. 004 591 664

762171

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10633	19/01/95	7437	5 OF 10

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Zr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	4	5	4	2	0.008	0.008	10	2	5
25	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm

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

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

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A.C.N. 004 591 664

762172

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10633	19/01/95	7437	6 OF 10

	SAMPLE No.	Ti	P2O5							
METHOD		GX401	GX401							
1	627863	4125	0.038							
2	627864	3641	0.115							
3	627865	3427	0.069							
4	627866	3474	0.051							
5	627867	3996	0.152							
6	627868	2148	0.014							
7	627869	1568	0.040							
8	627870	3307	0.093							
9	627871	3858	0.041							
10	627872	3418	0.107							
11	627873	3542	0.105							
12	627874	3510	0.080							
13	627875	1806	0.140							
14	627876	3359	0.085							
15	627877	2628	0.143							
	627878	3106	0.156							
17	627879	3378	0.080							
18	627881	2981	0.185							
19	627882	3186	0.051							
20	627883	2692	0.135							
21										
22										
23	627885	1774	0.088							
24	627886	2500	0.090							
25	627887	4062	0.182							

esults in ppm unless otherwise specified
= element not determined

IS = Insufficient sample
SNR = sample not received

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A.C.N. 004 591 664

762173

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10633	19/01/95	7437	7 OF 10

	SAMPLE No.	Ti	P205							
METHOD		GX401	GX401							
1	627888	3543	0.293							
2	627889	3998	0.283							
3	627890	3650	0.196							
4	627891	4203	0.440							
5	627892	4603	0.254							
6	627893	4098	0.128							
7	627894	1922	0.150							
8	627895	2641	0.229							
9	627896	4968	0.143							
10	627897	3753	0.081							
11	627898	3302	0.178							
12	627899	3933	0.178							
13	627900	3926	0.369							
14	627901	4136	0.154							
15	627902	4195	0.124							
16	627903	4874	0.115							
17	627904	3817	0.178							
18	627905	4469	0.247							
19	627906	1396	0.081							
20	627907	1866	0.031							
21	627908	3854	0.020							
22	627909	2738	0.032							
23	627910	2820	0.035							
24	627911	2984	0.048							
25	627912	1373	0.029							

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10633	19/01/95	7437	8 OF 10

	SAMPLE No.	Ti	P205							
METHOD		GX401	GX401							
1	627913	1189	0.018							
2	627914	1119	0.020							
3	627915	1221	0.020							
4	627916	1345	0.019							
5	627917	1220	0.024							
6	627919	2433	0.039							
7	627920	2681	0.320							
8	627921	2185	0.228							
9	627922	2135	0.025							
10	627924	2456	0.088							
11	627925	1221	0.110							
12	627926	1218	0.127							
13	627927	1755	0.074							
14	627930	1120	0.021							
15	627931	1101	0.016							
16	627932	1120	0.020							
17	627933	1178	0.027							
18	627934	1010	0.018							
19	627935	1754	0.086							
20	627936	1566	0.010							
21	627937	2938	0.056							
22	627938	2448	0.061							
23	627939	2581	0.127							
24	627940	2731	0.081							
25	627941	1895	0.084							

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10633	19/01/95	7437	9 OF 10

	SAMPLE No.	Ti	P205							
METHOD		GX401	GX401							
1	627945	4873	0.277							
2	627947	1128	0.042							
3	627948	1189	0.022							
4	627949	2308	0.029							
5	627952	2612	0.040							
6	627953	3799	0.453							
7	627957	1971	0.058							
8	627958	1747	0.071							
9	627960	4609	0.321							
10	627965	1420	0.039							
11	627968	3095	0.026							
12	627970	1559	0.031							
13	627971	1454	0.021							
14	627972	1254	0.043							
15	627973	1485	0.037							
	627978	1775	0.028							
17	627979	824	0.009							
18	627980	1198	0.022							
19	627981	1702	0.043							
20	627982	1016	0.020							
21	627983	1241	0.021							
22	627984	1412	0.031							
23	627985	1101	0.043							
24	627986	1568	0.016							
25	627987	1318	0.027							

Results in ppm unless otherwise specified
– = element not determined

IS = insufficient sample
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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10633	19/01/95	7437	10 OF 10

	SAMPLE No.	Ti	P205							
METHOD		GX401	GX401							
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	50	0.005							
25	UNITS	ppm	%							

Results in ppm unless otherwise specified
= element not determined

IS = insufficient sample
SNR = sample not received

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ABERFOYLE EXPLORATION

GEOCHEMICAL SAMPLE LEDGER

762177

LICENCE EL5/85

NAME Lake Margaret

DATE 10/4/1995

DESCRIPTION

Newton Creek Wacker

TOTAL 2 samples

NOTES P reported as P2O5(%)
Cr-free bowls

ANALYSES REQUIRED

ELEMENT	METHOD
Cu	GA101
Pb	GA101
Zn	GA101
Ag	GA101
Au	GG309
Ba	GX401
As	GX401
Tl	GX401
Zr	GX401
P2O5	GX401

AMG EAST	AMG NORTH	SAMPLE#	GEOLOGY
380350	5359000	627880	R-I
380425	5359000	627884	R-I

762178

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A.C.N. 004 591 664

Analabs

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

ANALYTICAL REPORT No. 100560.60.10842

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

INVOICE TO: Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

ORDER No.	PROJECT
7548	

DATE RECEIVED	RESULTS REQUIRED
11/04/93	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
2	27/04/93	1	2

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
627880,627884	RO Prep : GP033 CHROME FREE BOWL	Cu,Pb,Zn,Ag/GA101 Au,Au(R)/GG309 Ba,As,Zr,Ti,P2O5/GX401

RESULTS TO: Mr R de Bomford
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS TO:

RESULTS TO:

REMARKS

LAKE MARGARET WACKER

AUTHORISED OFFICER

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A.C.N. 004 591 664

762179

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10842	27/04/95	7548	1 OF 2

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Zr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
1	627880	36	16	34	<2	<0.008	-	900	6	154
2	627884	93	78	354	<2	<0.008	<0.008	1126	4	255
3										
4										
5										
6										
8										
9										
10										
11										
12										
13										
14										
15										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	4	5	4	2	0.008	0.008	10	2	5
25	UNITS	ppm	ppm	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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762180

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10842	27/04/95	7548	2 OF 2

	SAMPLE No.	Ti	P205							
METHOD		GX401	GX401							
1	627880	3024	0.123							
2	627884	4414	0.739							
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	50	0.005							
25	UNITS	ppm	%							

Results in ppm unless otherwise specified
– = element not determined

IS = insufficient sample
SNR = sample not received

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380975	5357000	627846	gn pk Fd xr f lv
381000	5357000	627847	gn Fd Q f lv

Analabs
****

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

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

762182

ANALYTICAL REPORT No. 100560.60.10600

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

INVOICE TO:
Abertoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

ORDER No.	PROJECT
7434	

DATE RECEIVED	RESULTS REQUIRED
13/12/94	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
8	29/12/94	1	90

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
VARIOUS	SR Freo : GP032/GP033 CHROME FREE BOWL	Cu.Pb.Zn.Ag/GA101 Au.Au(R)/GG309 Ba.As.Zr.Ti.P2O5/GX401

RESULTS TO
Mr K de Bomford
Abertoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS TO

RESULTS TO

REMARKS

BASIN LAKE WACKER

AUTHORISED OFFICER

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

762183

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10600	29/12/94	7434	4 OF 8

	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au(R)	Ba	As	Zr
METHOD		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401	GX401
14	627846	12	25	345	<2	<0.008	-	280	4	239
15	627847	22	7	150	<2	<0.008	-	335	13	257
16										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	4	5	4	2	0.008	0.008	10	2	5
25	UNITS	ppm	ppm	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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A.C.N. 004 591 864

ANALYTICAL DATA

762184

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	100560.60.10600	29/12/94	7434	8 OF 8

	SAMPLE No.	Ti	P205							
METHOD		GX401	GX401							
14	627846	6662	0.113							
15	627847	5494	0.238							
)										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	50	0.007							
25	UNITS	ppm	%							

Results in ppm unless otherwise specified
- element not determined

IS = insufficient sample
SNR = sample not received

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762185

Aberfoyle Resources Limited

EXPLORATION DIVISION

A.C.N. 004 664 108

OPEN FILE

LAKE MARGARET EL 5/85
TASMANIA

Technical Progress Report
for the period
October 1994 - September 1995

Volume 2 of 4
Appendices III-IV

MICROFILMED
FICHE No.013725-35

Prepared by:

R. Lewis

R. Lewis
GEOLOGIST

Endorsed by:

for **A.M. Hespe**
MANAGER - BASE METALS

Internal Report No.: Lake Margaret 12

R:\EL\ABERFOYL\EL585\WINWORD\REPORTS\585AR95.DOC

95-3767

LAKE MARGARET EL 5/85 TECHNICAL PROGRESS REPORT 1994-95 - ABERFOYLE - LEWIS, R.

ribution

rfoyle - Burnie	(1/4)
rfoyle - Melbourne	(2/4)
artment of Mines - Hobart	**(3/4)**
Exploration - Melbourne	(4/4)

APPENDIX III

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC-1

PAGE 1 OF 21

GEO. RHL

DATE 11-11-94

5 cm

DIAMOND DRILL LOG

DRILLING | LITHOLOGY | VESICLES | ALTERATION | VEINING | MINERALISATION | FAULTS | FOLIATION | WEATHERING | STANDARD COLOUR LOG | REMARKS

DEPTH | DRILLING RUNS / CORE LOSS | CORE TRAY NO. | STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME % | LOWER CONTACT: GRADATION, STYLE | VESICLES: CONCENTRATION, MAX. SIZE (MM), SHAPE | ALTERATION: TEXTURE, INTENSITY, MINERALOGY | VEINING: INTENSITY, MAX. WIDTH (MM), MINERALOGY | MINERALISATION: TEXTURE, MINERALOGY & CONTENTS | FAULTS: POSITION OF BASE, DOWNHOLE WIDTH (CM), CORE AXIS ANGLE, GOUGE | FOLIATION: TYPE, CORE AXIS ANGLE | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

DEPTH	STRATIGRAPHY	ROCK TYPE	COLOUR	LITHOLOGY	ALTERATION	VEINING	MINERALISATION	FAULTS	FOLIATION	WEATHERING	REMARKS	SAMPLE NO.
0										WE3		
2										2.0		
3.0 Hw HQ											3.0 3m Hw casing	
4										WE1		
6			pkgn		P pnt 5 Cl+Ab +?Sil	5.7				6.5		
6.4						3 10 Q+Cl 7.7				WE4 7.7	Bleached zone	7.7
8			pkcl									
10											← survey 94° to 259° mag	
12					P mas 5 Ab+Sil (+Cl)	2 20 Q+Cl 11.0					mas Ab+Sil alt overprints pervasive Cl. Cl domains form wispate domains. No Q in Cl domains.	
13.8						2 10 Q+Cl 13.8						
14			pk									
16	MTG	xr vlcl Ss		RI 50 m A Al Qx 95 Fdx								
17.6											← 17.6 HS 627651	
18												
18.4					P mas 5 Cl		18.8 nd qtz Py blebs/gashes vertical + 1-2cm			bnd 50 18.2	variably banded - 2 to 5 cm alternating Cl alt and Ab+Sil alt bands. Diffuse margins. Transitional to diffuse domainal Cl + Ab.	18.8
20							nd nd					
22											← mar Hnt in F. Cl filled fractures have striations // to CA angle. Py blebs/gashes elongate // to banding.	
24			pkgn				to Py on fracture	24.2 60 74 Ru				
26					P bnd 5 Cl+Ab		26.0 vnt					26.0
27.4						2 8 Q+Cl 27.2						
28												
30												
32												
34			pk									
35.0					P mas; nod 6 Ab>Cl	1 15 Q+Cl 35.0				bnd 50 35.4	Gradational transition to fully equigranular Ss: b ? Variation Fr in xr & rd matrix	35.0
36												
38		38.6		Gl								
40												40

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE NO. NC-[illegible]

PAGE 1 OF 21

GEO. RHL

DATE 17-11-94

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
DEPTH	DRILLING RUNS CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS FRAGMENTS COMPOSITION	FRAGMENTS MAX. SIZE (MM)	FRAGMENTS SORTING	FRAGMENTS SHAPE	MATRIX COMPOSITION	MATRIX VOLUME %	LOWER CONTACT GRADATION	LOWER CONTACT STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	COLOUR	TYPE	CORE AXIS ANGLE					
40		10			pkgn																											decreasing alt intensity ↓ increasing lith fr ↓ prominent Cl gaibsc ± Fd x. Resembles A fr but probably early Cl alt overprinted by sodic-lan Ab. V. irregular wispate fr shapes 3cm ↕ Ab		40
42																				1	15	a+Cl												
44		11														P mas nod	5 ↓ 4	Ab > Cl																
46																																		
48				Y																														
50		12	mTG	ash supported xr vlcl Ss-b		QpR	100	P	A	Fd > Q x	80								50.2		Cl											LITHICS · gn aplytic R? · pk Q p R · pp Fd p D · gygn Cl ald Sh? (more Py)	50.0	50
52						R	100																										
54		13				Sh	50																	54.4	40		Ru-b					⊥ F marked by zone of broken core. Brittle style. Weak lamination & juxtaposition of alt styles		
56						Fd p D	50																										
58		14				Fd, lg	20										4 ↓ 2	Ab + Cl																
60																nod																	60.0	60
62				61.3								Gl							61.2		Gl													
64		15																																
66																																		
68		16				lg	40																										
70				xr vlcl Ss	gygn	Rl	50	m	SA	Q x Fd x	95						nod bnd	1	Cl + (Ab halos)															70.0	70
72		17																																
74																																		
76		18																																
78				78.4								Gl																					77.4	
80		19			gygn pk															80.0														80

more lithic rich zone

log01931.wor

762188

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC

PAGE 3 OF 21

GEO. RHL

DATE 21-11-94

5 cm

DIAMOND DRILL LOG

DRILLING: DEPTH; DRILLING RUNS / CORE LOSS; CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY; ROCK TYPE; COLOUR; VOLCANICLASTICS — FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME %; LOWER CONTACT: GRADATION, STYLE

VESICLES: CONCENTRATION, MAX. SIZE (MM), SHAPE

ALTERATION: TEXTURE, INTENSITY, MINERALOGY

VEINING: INTENSITY, MAX. WIDTH (MM), MINERALOGY

MINERALISATION: TEXTURE, MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE, DOWNHOLE WIDTH (CM), CORE AXIS ANGLE, COLOUR

FOLIATION: TYPE, CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO.

DEPTH

DEPTH	STRATIGRAPHY	ROCK TYPE	COLOUR	FRAGMENTS: COMPOSITION	FRAGMENTS: MAX. SIZE (MM)	FRAGMENTS: SORTING	FRAGMENTS: SHAPE	MATRIX: COMPOSITION	MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE
80		Y xr vfld Ss-b	gygn	Rl lg	100	P	A	Qx Fdx	80	S	Fault
84.3											
90		Yxr vfld Ss-b	gygn	Rl lg Dl	90 50 30	P	A	Qx Fdx mt	95	S	Gradat.
99.1											
100		Yxr vfld Ss-b	gygn	Rl Dl	100 90	P	A	Qx fdx	90	S	FLT INT
104.9											
105.4		ap YR dy	gy rr							S	F-Z
110		Yxr vfld Ss-b	gygn pk			P	A	Qx Fdx	85	S	E
110.7											
112		diffuse bed Slt-fgSs-Sh	gy pk							S	S
112.0											
114		xr vfld Ss	gygn							S	E
115.8											
116		Slt-fgSi-Sh	gypk							S	S
117.6											
118		Slt + fgSs	gy pk							Cl	E
119.4											
120											

DEPTH	TEXTURE	INTENSITY	MINERALOGY
89.4			Co+Ab alt haloes
	nod bnd		
		1	Cl+Ab (haloes)
107.4			
	nod	3	Ab+Cl +Co
110.7			
	bnd	2	Ab+Cl

DEPTH	INTENSITY	MAX. WIDTH (MM)	MINERALOGY
87.3	1	5	Co+Q
105.9			
110.7			

DEPTH	TEXTURE	MINERALOGY & CONTENTS
104.9		Py nodules 1mm

DEPTH	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	COLOUR
84.3	84.3	0	30	strain
90.0	90.0	1		strain
105.4	105.4	50	60	fr

DEPTH	TYPE	CORE AXIS ANGLE
107.9	bnd	20

REMARKS

First Co VN. downhole

83.1m HS 627652

85.2 v. subtle grainsize variation (? bedding) in xr Ss. Ml bands + th-rich bands.

Unit from 99.1m to small Fault at 85.2m is a variably lithic bearing xr vfld Ss & diffuse mt laminae towards the top. Probably a single mass flow unit

99.1m EROSIONAL BASE

104.9m

dk gy Fg dyke & Fd microlits strongly fractured — Fault. Weakly laminar chilled margin

110.7

MAJOR CHANGE IN FACIES

TYPE 112.5m HS 627300

Diffusely banded ml-rich graded ? Ss-Slt with mar lbd SY Sl (? turbidites)

log01931.mer

96219

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC 6

PAGE 4 OF 21

GEO. RHL

DATE 21-11-94

5 cm

DIAMOND DRILL LOG

DRILLING | LITHOLOGY | VESICLES | ALTERATION | VEINING | MINERALISATION | FAULTS | FOLIATION | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS (FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME %) | LOWER CONTACT (GRADATION, STYLE)

VESICLES: CONCENTRATION, MAX. SIZE (MM), SHAPE

ALTERATION: TEXTURE, INTENSITY, MINERALOGY

VEINING: INTENSITY, MAX. WIDTH (MM), MINERALOGY

MINERALISATION: TEXTURE, MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE, DOWNHOLE WIDTH (CM), CORE AXIS ANGLE, GOUGE

FOLIATION: TYPE, CORE AXIS ANGLE

DEPTH	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLC. FRAG. COMPOSITION	VOLC. FRAG. MAX. SIZE (MM)	VOLC. FRAG. SORTING	VOLC. FRAG. SHAPE	VOLC. MATRIX COMPOSITION	VOLC. MATRIX VOLUME %	LOWER CONTACT GRADATION	LOWER CONTACT STYLE	ALTERATION TEXTURE	ALTERATION INTENSITY	ALTERATION MINERALOGY	VEINING INTENSITY	VEINING MAX. WIDTH (MM)	VEINING MINERALOGY	MINERALISATION TEXTURE	MINERALISATION MINERALOGY & CONTENTS	FAULTS POSITION OF BASE	FAULTS DOWNHOLE WIDTH (CM)	FAULTS CORE AXIS ANGLE	FAULTS GOUGE	FOLIATION TYPE	FOLIATION CORE AXIS ANGLE	WEATHERING	REMARKS
120		grad vfcl Ss-Slt																									strong soft sediment disruption
122																											122.5 HS 627653
123.2																											
124	123.3	grad vfcl Ss-Slt										bnd	2	Ab + Cl										bnd	20		
125	28																										
126		mas vr vfcl Ss-lam Slt (rpt)	grgn	Rl	5	P	A	Fdx	90																		diffuse Ab alt bnd
127.8																											
128	29																										
129.4										Gl																	
130	30	Yfcl Ss-b	grgn pk	lg	90	P	A	Fdx	50	Gl																	↑ Grading
132	132.4																										
132.3												nod	3	Ab + Cl	1	25	Cl @ Co										
133.8																											
134	31	mas xr vfcl Ss	grgn	lg Rl	40 30	P	A	Fdx ?Hbx	90																		
135.0												nod	2	Ab + Cl													
136																											
138	138.8									S	E																
140	140.5	md-mod Fg vfcl Ss	grgn pk							Gl	D							d-h 141.1	1mm Pyrch (5%)					bnd 140.0	30		140.1m HS 627654
142	32																										
143.0	143.0	fg Fd xr vfcl Ss	grgn					Fdx	90	S	E																
144	33																										
145.2	145.2																										
146		mod-mod lam Slt																									
147	34	vfcl Ss-b		lg	80	P	A			Cl Gl		mod	2	Ab + Co										Bd 148.2	30		lh-mod zone
148.8	148.8																										
150		mas vfcl Ss								S	D																Base of mas Ss - wk lam (base)
151.6	151.6																										151.6 lam Slt lbd
152	35	lam Slt																									
154			grgn																								
156	36																										
157.8	157.8	mas vfcl Ss								Cl																	
158																											
159.4	159.4	vfcl Ss-b		lg	80	P	A			Gl		mod	2	Ab + Co													
160																											

NC 96190

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EXPLORATION DIVISION

HOLE No. NC 1

PAGE 5 OF 21

GEO. RHL

DATE 21-11-94

5 cm

DIAMOND DRILL LOG

DRILLING — DEPTH; DRILLING RUNS; CORE LOSS; CORE TRAY NO.

LITHOLOGY — STRATIGRAPHY; ROCK TYPE; COLOUR; VOLCANICLASTICS: FRAGMENTS (COMPOSITION; MAX. SIZE (MM); SORTING; SHAPE), MATRIX (COMPOSITION; VOLUME %); LOWER CONTACT (GRADATION; STYLE)

VESICLES — CONCENTRATION; MAX. SIZE (MM); SHAPE

ALTERATION — TEXTURE; INTENSITY; MINERALOGY

VEINING — INTENSITY; MAX. WIDTH (MM); MINERALOGY

MINERALISATION — TEXTURE; MINERALOGY & CONTENTS

FAULTS — POSITION OF BASE; DOWNHOLE WIDTH (CM); CORE AXIS ANGLE; GOUGE

FOLIATION — TYPE; CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO.

DEPTH

DEPTH	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS (COMPOSITION; MAX. SIZE (MM); SORTING; SHAPE)	VOLCANICLASTICS: MATRIX (COMPOSITION; VOLUME %)	LOWER CONTACT (GRADATION; STYLE)	ALTERATION (TEXTURE; INTENSITY; MINERALOGY)	VEINING (INTENSITY; MAX. WIDTH (MM); MINERALOGY)	MINERALISATION (TEXTURE; MINERALOGY & CONTENTS)	FAULTS (POSITION OF BASE; DOWNHOLE WIDTH (CM); CORE AXIS ANGLE; GOUGE)	FOLIATION (TYPE; CORE AXIS ANGLE)	REMARKS	SAMPLE NO.
160	37		mas vfld Ss	gngy			S E							
165.5								165.5						
166	38		fg vfld Ss Slt lbd Sh (2m)	pkgn				bnd 2 Ab						
169.2							Gl S	169.8						
170	39		Y bv	PP gy	lg Rl 80 110	P-M A Fdx 30		halo 3 Ab · Cc						
172	40													
174														
176		177.0					Gl S						175.0m Prominent blue grey Fd Q p welded ignimbrite clast	
177.9			mas vfld Ss										176.1m HS 627655	177.9
178	41		fg vfld Ss - Slt				S E					Bed 178.5 45°		
179.4			sh lam Slt											
180			mas fg Ss				Gl S							
182	42		Y Ss-bv	PP gy	lg Rl 80 100	P A Fdx 60	Gl S	nod bnd 1 Ab						
184			mas vfld Ss										184.9m HS 627656	
186														
188	43	189.2					S E							189.2
190			lam md. gnd Slt											
192	44	192.9	vfld Ss				S E					Bd 193.5 40°		
194			lam Slt											
195.5			gnd vfld Ss				S E							
196	45		lam Slt											
198		198.8	gnd vfld Ss				S F	197.2		198.8 Pyr in F	191.8 2 5 Pu	Cl 198.8 5°		192.9
200	46		pto					pto	pto				FAULT ZONE	200

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HOLE No. NC 1

PAGE 6 OF 21

GEO. KHL

DATE 1/12/94

5 cm

DIAMOND DRILL LOG

DRILLING: DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS (COMPOSITION | MAX. SIZE (MM) | SORTING | SHAPE) | MATRIX (COMPOSITION | VOLUME %) | LOWER CONTACT (GRADATION | STYLE)

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

FOLIATION: TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO.

DEPTH

201.0 HQ / NQ

6m tube

DEPTH	TRAY	STRATIGRAPHY	ROCK TYPE	COLOUR	FRAG COMP	FRAG MAX SIZE (MM)	FRAG SORTING	FRAG SHAPE	MATRIX COMP	MATRIX VOLUME %	LOWER CONTACT GRADATION	LOWER CONTACT STYLE
200												
201	46		veined brecciated silicified xr vfld Ss	pl gn pk					Fdx Qx	80	S	F
206.4	47		cg vfld Ss	gy gn	Rl lg	50 20	P	A	Fdx	70	S	E
213.4	48										S	E
219	49		grd vfld Ss	gy gn					Fdx	80		
225.1	50										S	E
229	51		grd vfld Ss	gy gn					Fdx	80	S	E
230.9	52		grd vfld Ss	gy gn					Fdx	85	S	S
231.9			intr sup vfld ss-b	gn pp	Dl lg	100	P	A	Fdx	60	S	E
235.4	53		multiple grd vfld Ss	gy pp					Fdx	80	S	E
237.8			grd vfld Ss	gy gn					Fdx	80	S	E
239.2												

DEPTH	TEXTURE	INTENSITY	MINERALOGY
201	P mod	2	Ab Sil
206.4			
213.4			
225.1			
230.9	halo bnd nod	1	Ab Cc
231.9			
235.4	halo	3	Ab Cc

DEPTH	INTENSITY	MAX. WIDTH (MM)	MINERALOGY
201		30	Ca-Si-Cl
206.4	4	2	Hbl-Cht
213.4			
225.1	2	10	Cc
230.9		3	Hbl-Cht
231.1			

DEPTH	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE
201				
206.4	BRECCIA	2	20°	E
213.4			35°	Pu

DEPTH	TYPE	CORE AXIS ANGLE
206.4	Cl	35°
213.4	Bnd	55°
230.9	bnd	75°

REMARKS

201.0m HQ reamed 6.0m barred for NQ

Fault-related pseudobreccia cut by numerous thin anastomosing Cl-Hbl ± Cht veinlets - moderately veined and silic altered.

205.9 Lst clast (10cm)

209.7 HS 627657

217.5 Hbl-Cc-Cht vnt

Low in core-axis angle

230.9 bnd Cl-rich top

SAMPLE NO.

627692

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HOLE No. NC 1

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GEO. RHL

DATE 1/12/94

5 cm

DIAMOND DRILL LOG

DRILLING: DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION | MAX. SIZE (MM) | SORTING | SHAPE; MATRIX: COMPOSITION | VOLUME % | LOWER CONTACT: GRADATION | STYLE

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

FOLIATION: TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO. | DEPTH

DEPTH	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS: COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE; MATRIX: COMPOSITION	VOLUME %	LOWER CONTACT: GRADATION	STYLE	ALTERATION: TEXTURE	INTENSITY	MINERALOGY	VEINING: INTENSITY	MAX. WIDTH (MM)	MINERALOGY	MINERALISATION: TEXTURE	MINERALOGY & CONTENTS	FAULTS: POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	FOLIATION: TYPE	CORE AXIS ANGLE	WEATHERING	REMARKS	SAMPLE NO.
240	240.9	grnd vfld Ss	gy gn						G	E																	
242	243.2	multiple grnd vfld Ss	gy gn						G	E									242.6	1	32°	b	bed	43°		242.2 3 0.5m gn gy SL bands ± good Flame structure	241.2
244	244.0	lam Slt	gy gn						G	S									243.8	0	33	none	242.2				
246		wk bnd fg Fd xr vfld Ss	gy gn					Fdx	90																* numerous small coherent breccia zones (microfaults)	
248	249.3									S	E																
250		grd vfld Ss	gy gn					Fdx	90		halo bnd nod	1	Ab Cc														253.0
252	253.0									G	E																
254																											
256																											
258		mdx sup vfld Ss-b	gy gn	R1 D1 lg Mst	50	P	A												258.4	0.2	35°	none					
260																										several 5-10cm wide Cc healed breccia zones. ? Hydraulic breccia.	
262	261.5									G	S																
	263.3	Y bv	gn pk	R1 lg	100	P	A	Fdx	40	S	E	halo	3	Ab Cc					262.7	10	44°	Rub					
264		vfld Ss-b	gy gn	R1 lg	100	P	A	Fdv	75			264.9			263.9			264.1 ± Cpy	264.3	3	70°	Rub				264.2 HS 627658	
266	267.0									S	E	P	4	Ab Cc	1	15	Cc-cl-Q										
268												268.8															
270		vfld Ss-b mr Slt	gy pk	R1 lg SH	80	P	A	Fdx	70-80			P	3	Ab					270.4	10	50°	vug			2	270.4 vuggy weathered zone veined faint ?Gabardi-b zones	
272	274.2									G	E	274.2			274.2												274.2
274		vfld Ss-b	gy gn	R1	100	P	A	Fdx	95			halo	1	Ab Cc													
276	279.1									S	F	279.1							277.1	1	45°	Cc vn					
278		pto										pto															280
280																											

mottled zone in the core chs

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HOLE No. NC1

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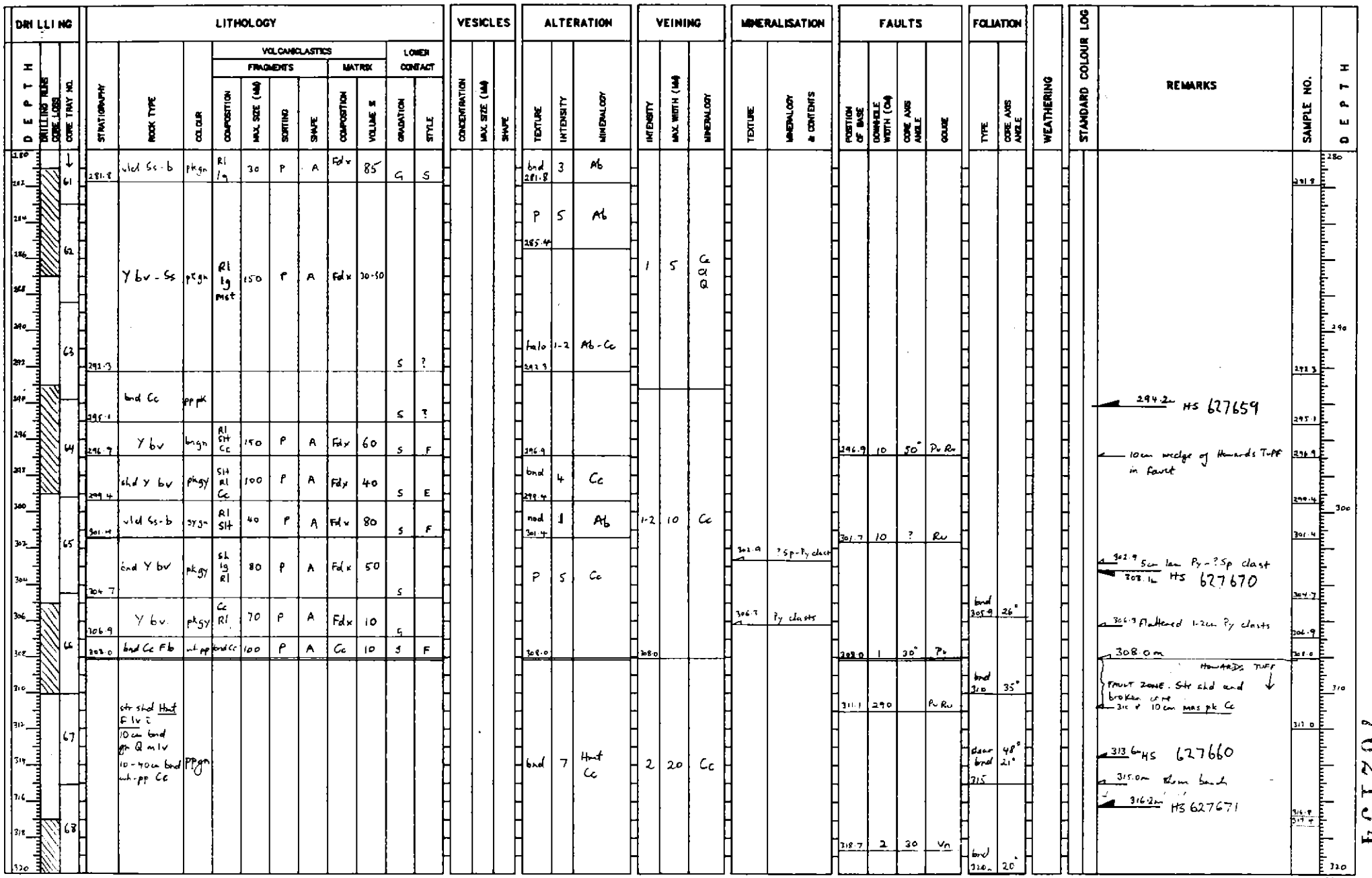
GEO. RHL

DATE 1-2/12/94

5 cm

DIAMOND DRILL LOG



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EXPLORATION DIVISION

HOLE No. NC1

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GEO. RHL

DATE 4/12/94

5 cm

DIAMOND DRILL LOG

DRILLING: DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS (COMPOSITION | MAX. SIZE (MM) | SORTING | SHAPE) | MATRIX (COMPOSITION | VOLUME %) | LOWER CONTACT (GRADATION | STYLE)

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

FOLIATION: TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO. | DEPTH

DEPTH	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS (COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE)	MATRIX (COMPOSITION	VOLUME %)	LOWER CONTACT (GRADATION	STYLE)	ALTERATION: TEXTURE	INTENSITY	MINERALOGY	VEINING: INTENSITY	MAX. WIDTH (MM)	MINERALOGY	FAULTS: POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	FOLIATION: TYPE	CORE AXIS ANGLE	REMARKS	SAMPLE NO.
320																								320
323																								
324																		324.2	5	?	Ru	bnd 323.9	28°	323.0m ORIENTATION	
326																									325.0
328		Hmt Flv	ppgn									bnd 331.9	7	Hmt Cc	2	20	Cc							328.1m HS627672	
330																						bnd 330.3	34°	329.8m HS627673	330
332												P bnd 333.7	6 3	Cc Hmt				333.7	1	?	Ru				331.0
334	333.7								S	F												bnd 334.4	26°	335.4 20cm mas pk Cc FAULT ZONE 336.8 20cm mas pk Cc	Cc
336		FZ b	ppgn	Qlv bnd Cc		P	A			S	F	bnd 337.7	2	Cc				335.2	10	?	Ru				335.2
338	337.7																	337.7	1	80°	Ru				
340		shd Q brg lv ↓ ibd Hmt Fg lv + 1-2cm Cc bnd	plgn	Qx	3	P	R	?				P	5	ser ∝ Cc								bnd 339.2	17°	340.0 Platkmud & brg Hmt ?clast.	339.0
342																									340
344	346.4								S	F		346.4						346.4	2	65°	Pu	bnd 345	18°	343.5m HS627661	344.4
346																		347.0	0-1		none				
348	349.1		PP						G	S		P 349.1	6	Hmt Cc										348.1 round 1-2mm Cc spots.	349.0
350	350.9		ul PP Bn						G	S		350.9										bnd 350.1	11°	349.9m HS627674	350
352																									350.8
354															352.0							bnd 353.9	< 10°		
356												P	6	Hmt Cc ∝ Ser	355.0	20	CcCl							354.0m Cc vn at ~90° to CA and ~80° to cleavage.	
358	359.9								G	S					357.0			358.9	3	35°	PuRu	bnd 360	< 10°	359.0m ORIENTATION	358.9
360																									360

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HOLE No. NC1

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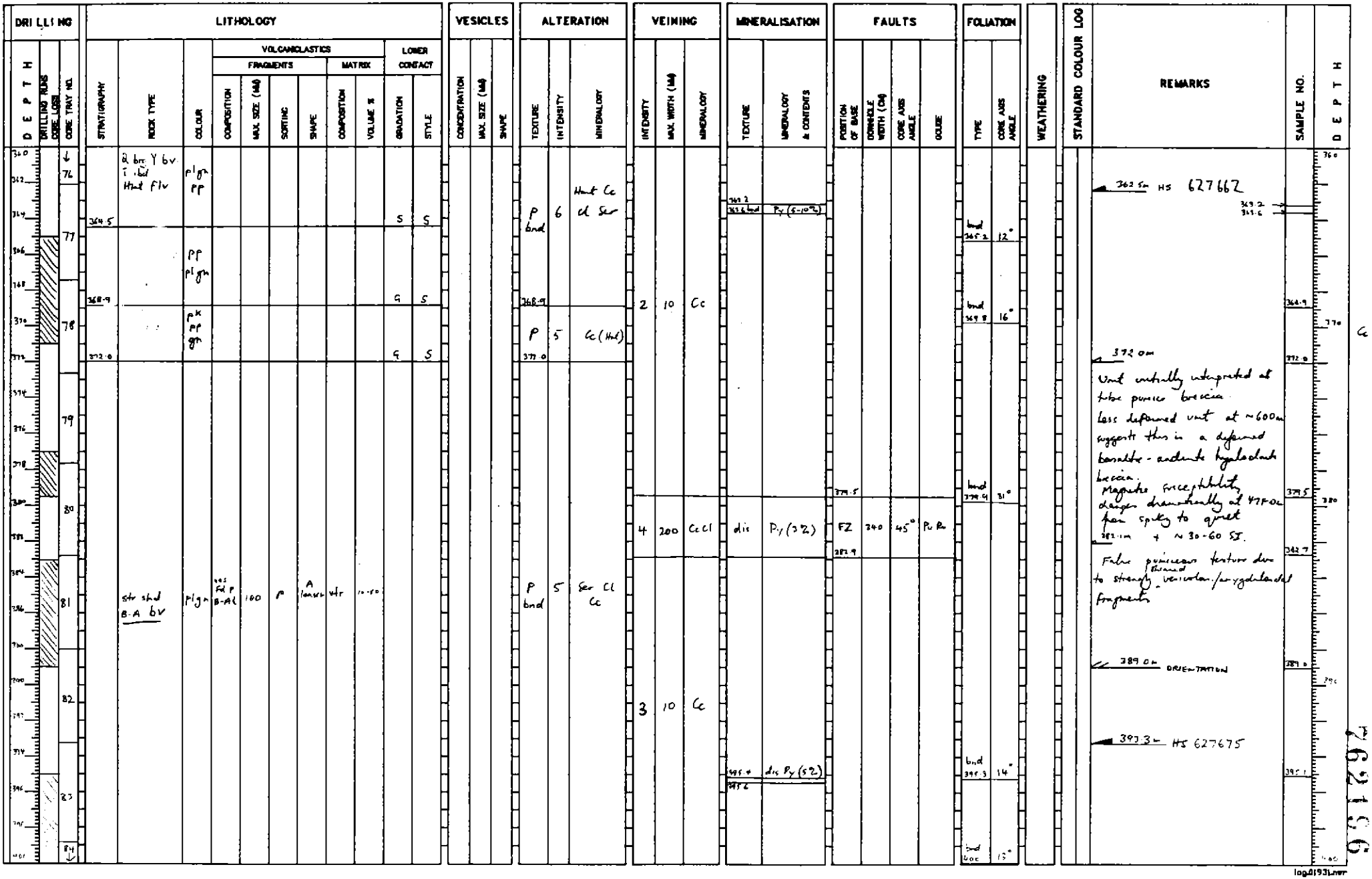
GEO. RHL

DATE 4/12/94

5 cm

DIAMOND DRILL LOG



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EXPLORATION DIVISION

HOLE No. NC1

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GEO. RHL

DATE 4/12/94

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
DEPTH	DRILLING RUNS CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS FRAGMENTS COMPOSITION	FRAGMENTS MAX. SIZE (MM)	FRAGMENTS SORTING	FRAGMENTS SHAPE	VOLCANICLASTICS MATRIX COMPOSITION	MATRIX VOLUME %	LOWER CONTACT GRADATION	LOWER CONTACT STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	OLDER	TYPE	CORE AXIS ANGLE				
400			401.0									G					401.0																	400
404		84																																
408																													bnd 406	14°				
412		85		lbd str shd alt BA bv Cc bands lv	pp gn	vac fd f B:A	150	P	A	Cc 4ft	10-30																								410
416																													bnd 409.7	12°				
420		86															P bnd	6	Hmf Cc Ser															
424																													bnd frc 1	<10°				411
428		87																																
430			422.0									S	F				423.0			3	10	Cc			423.1	10	70°	Ru						420
432		88																											bnd 432.9	11°			BASE OF STRUCTURAL REF?	422
436				mas - bnd Lst ↕ 0.5-5cm lbd gy Sh	wh pk pp																												Constrictive limestone ↓ Mag-fus 0-20 SI	
440		89																													428.5m 5cm gygn Sh bnd	
444																													bnd 433	11°	431.8m HS 627664		430
448		90																																
452																													bnd 435.7	25°				
456		91																																437
460												G	S																					440

627663

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EXPLORATION DIVISION

HOLE NO. NC1

PAGE 12 OF 21

GEO. RHL

DATE 15/12/94

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
DEPTH	DRILLING HOURS CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS: COMPOSITION	FRAGMENTS: MAX. SIZE (MM)	FRAGMENTS: SORTING	FRAGMENTS: SHAPE	VOLCANICLASTICS: MATRIX: COMPOSITION	MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	DIP	TYPE	CORE AXIS ANGLE				
440		91	440.1	ibd mac lst + granular lst + granular lst & wispy Ser frag	pk pp	Hmt Ser	2 4	G	S R	Cc	70-100	G	S																					440
442			442.8																														
444		92																															
446				mac dyk/lithic lst	wh pp														441.2															
448																																	
450		93																															450
452			452.0									G	S																			451.9m HS 627665		
454				granular Hmt lst ± wispy Ser-Hmt	pp	Ser Hmt	5	M	wispy	Cc	20-30																							
456		94																															
458																																	
460		95	460.0									G	S				spt	3	Hmt Se	1	4	Cc											460.0m 5cm qtz gn Sh		460
462			461.8	ibd band-granular lst	pp wh							G	S																					
464				str shd band lst ± ibd sh	pk pp																													
466		96																															
468			468.9									G	S																				468.6	
470				str shd ibd band-gran lst	pk rr wh																													470
472		97																															
474																																	
476		98	471.7									G	S				471.7			471.7													471.2m HS 627666	472.7	
478		99 ↓																															
480																																	

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EXPLORATION DIVISION

HOLE No. NC1

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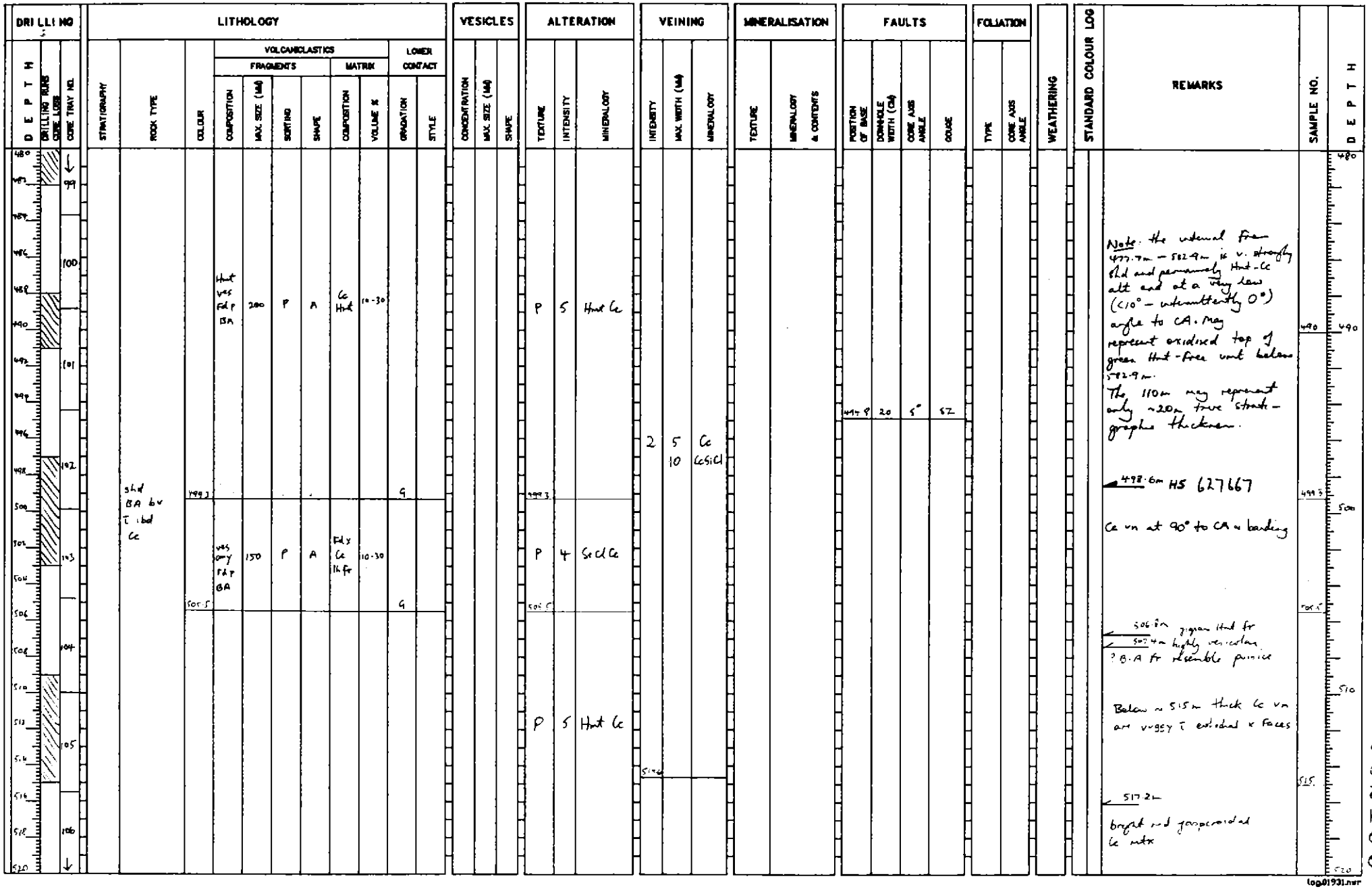
GEO. RHL

DATE 27/12/94

5 cm

DIAMOND DRILL LOG



Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC4

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GEO. RHL

DATE 27/12/94

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY											VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION			STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
DEPTH	DRILLING RUNS CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS: COMPOSITION	FRAGMENTS: MAX. SIZE (MM)	FRAGMENTS: SORTING	FRAGMENTS: SHAPE	MATRIX: COMPOSITION	MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	TYPE	CORE AXIS ANGLE	WEATHERING				
520																																		520
522		107																																
524																				3	20	Cc ppp										521.2m HS 627668 rd ppp-Cc vn		
526																																525m	525	
528		108																		535.0														
530				shd BA bv	pp	vas flp BA	100	P	A	Cc Hnt	10-30						P	5	Hnt Cc														530	
532																	P	3	Se															
534		109																														533.0m irregular pk Cc bands grainier mtx has more Se alt fr one pervasively Hnt alt		
536																																		
538		110																																
540																				2	10	Cc											540	
542																																		
544		111																														544.3m HS 627669		
546												G	S																			546	
548				Lst	pk							G	S				P	2	Hnt															
550		112		shd BA bv	PP							G	S				P	4	Hnt Cc										550.9				550	
552				550.9																														
554		113		Lst	pk												P	2	Hnt										bnd 554	0°				
556																																		
558		114		558.2								G	S																bnd 559.1	<10°				
560	↓																																560	

Limestone band follows undulating contact down core ? Hnt Br

762200

log01931.hwr

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EXPLORATION DIVISION

HOLE No. NC1

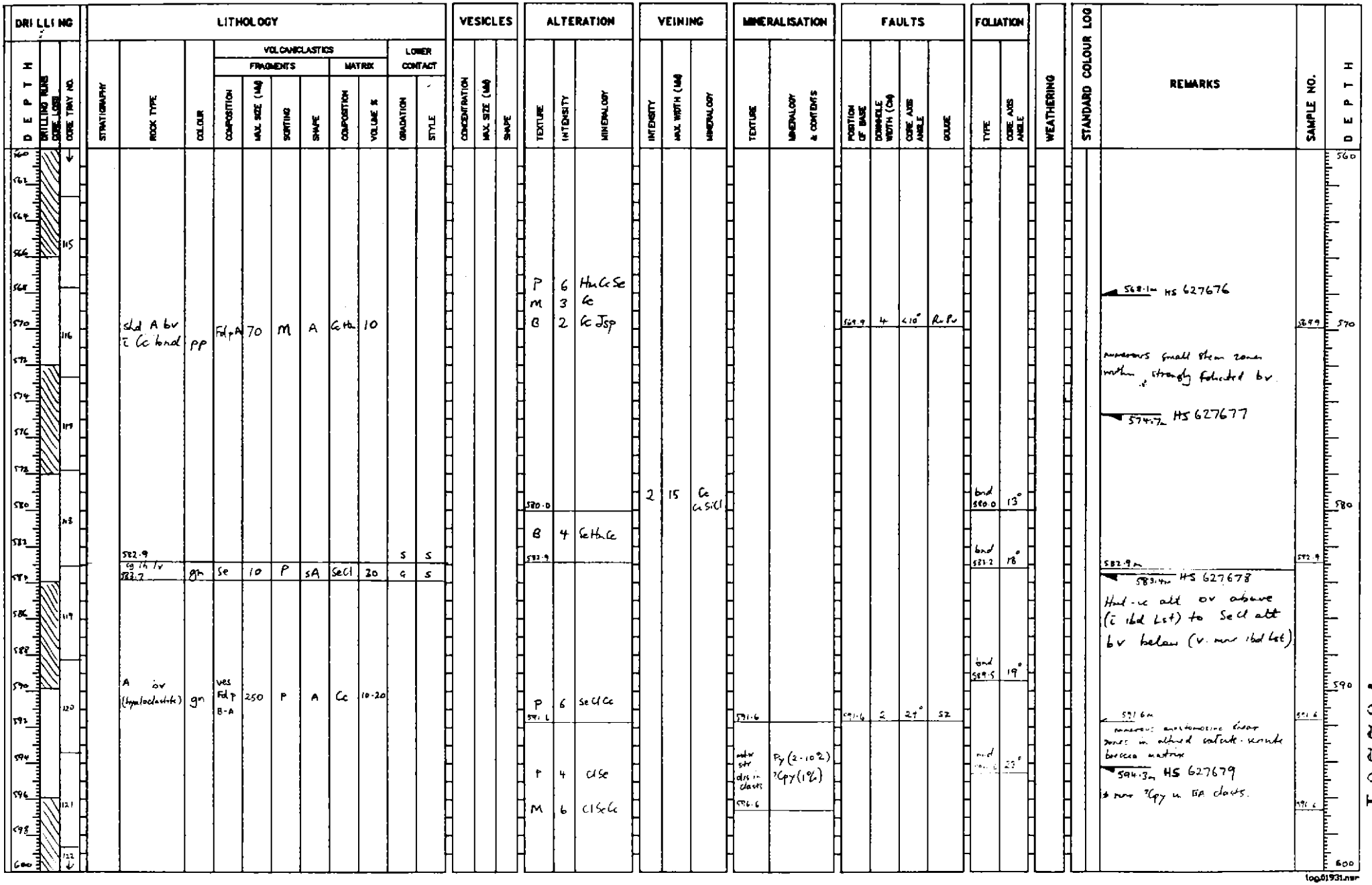
PAGE 15 OF 21

GEO. RHZ

DATE 27/12/94

5 cm

DIAMOND DRILL LOG



7622201

Aberfoyle Resources Limited

EXPLORATION DIVISION

[redacted] NC[redacted]

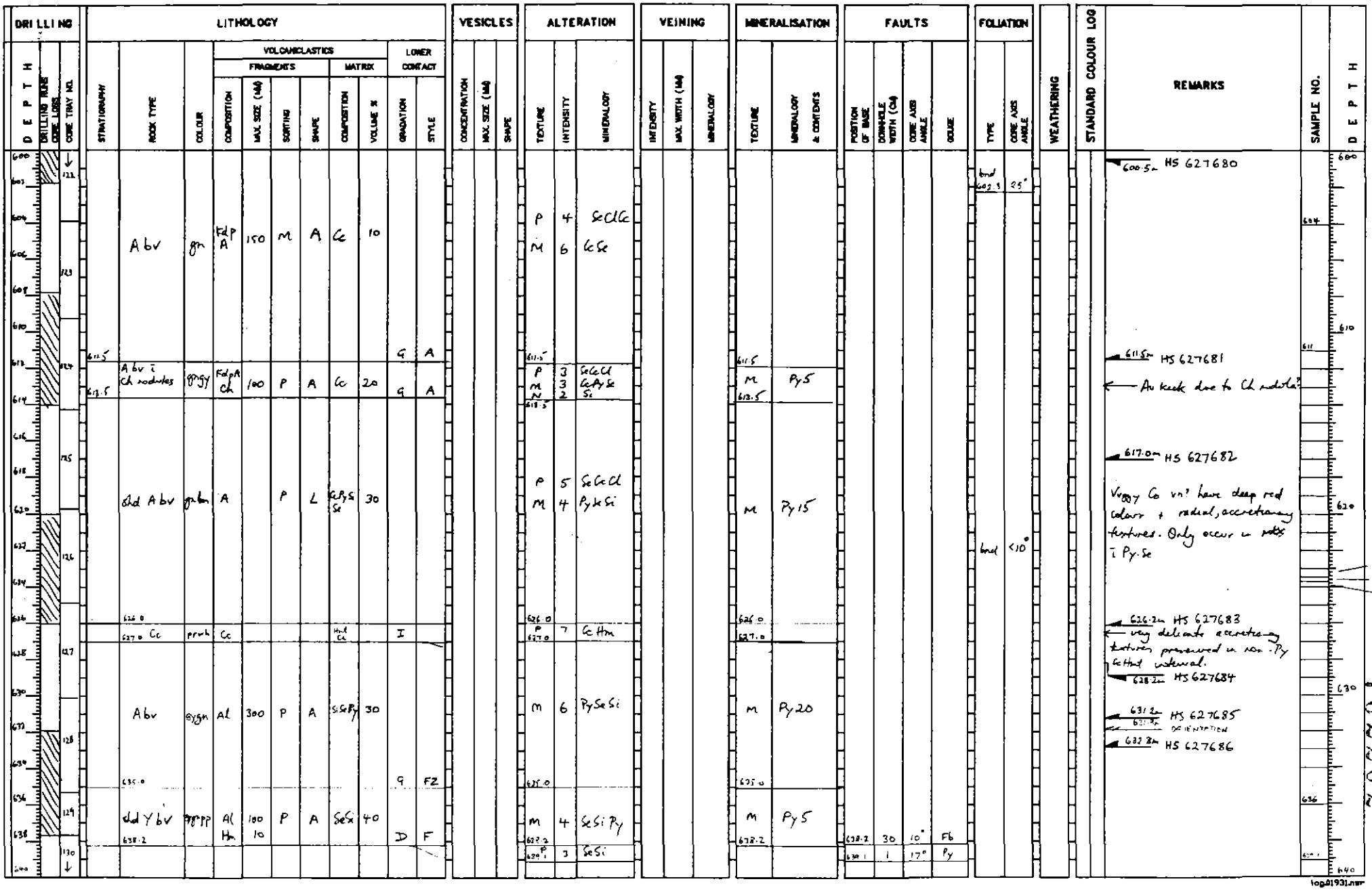
PAGE 16 OF 21

GEO. RHL

DATE 27/12/94

5 cm

DIAMOND DRILL LOG



627609

[redacted] Resources Limited

EXPLORATION DIVISION

PAGE 17 OF 21

GEO. RHL

DATE 10-1-95

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION					
					VOLCANICLASTICS						LOWER CONTACT																					
					FRAGMENTS				MATRIX																							
DEPTH	DRILLING RUNS / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	COMPOSITION	VOLUME %	GRADATION	STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	TYPE	CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
640		130		Adclv	dkgy/gn	Fdx Al	50	P	A	SiSe	15	S	F				P	5	SiSePy				Ds	Py 5											640
642				642.2													P	4	SiSe															642
644		131		Adclv	dkgn	Fdx Al	10	P	A	SiSe	30	S	I				644.5																	644
646				646													P	4	SiSe															646
648																				2	200	CaCl												648
650		132		Abv-clv	cm gy gn bn	Af Fdx	200	P	A	SeSi (Py)	25						M	3	Se	649.7															650
652																																		652
654		133															M	5	PySeSi				M	Py20										654
656																																		656
658				658.8								S	F				658.8						658.8		658.8	80	<10°	Ru						658
660		134															P	4	SeCl															660
662																	M	2	Cc Se															662
664				Al	sy gn	Al	300	P	A	SiSPy	5						V	2	Py Se				V	Py 3										664
666		135																		1	50	CaQ												666
668				669.1								G	D				669.1						669.1											668
670																	P	3	SeCl															670
672		136		Dbv	sy gn												M	4	SeCl Py				M	Py 5										672
674				673.7m								G	D				673.7						673.7											674
676		137		mac Dl	pk gn							G	D				P	2	SiCc															676
678				677.0m													677.0																	678
680		138		Dbv	gn pk																													680

log.01931.wor

C02203

[redacted] Aberfoyle Resources Limited [redacted] H[redacted] N[redacted]

EXPLORATION DIVISION

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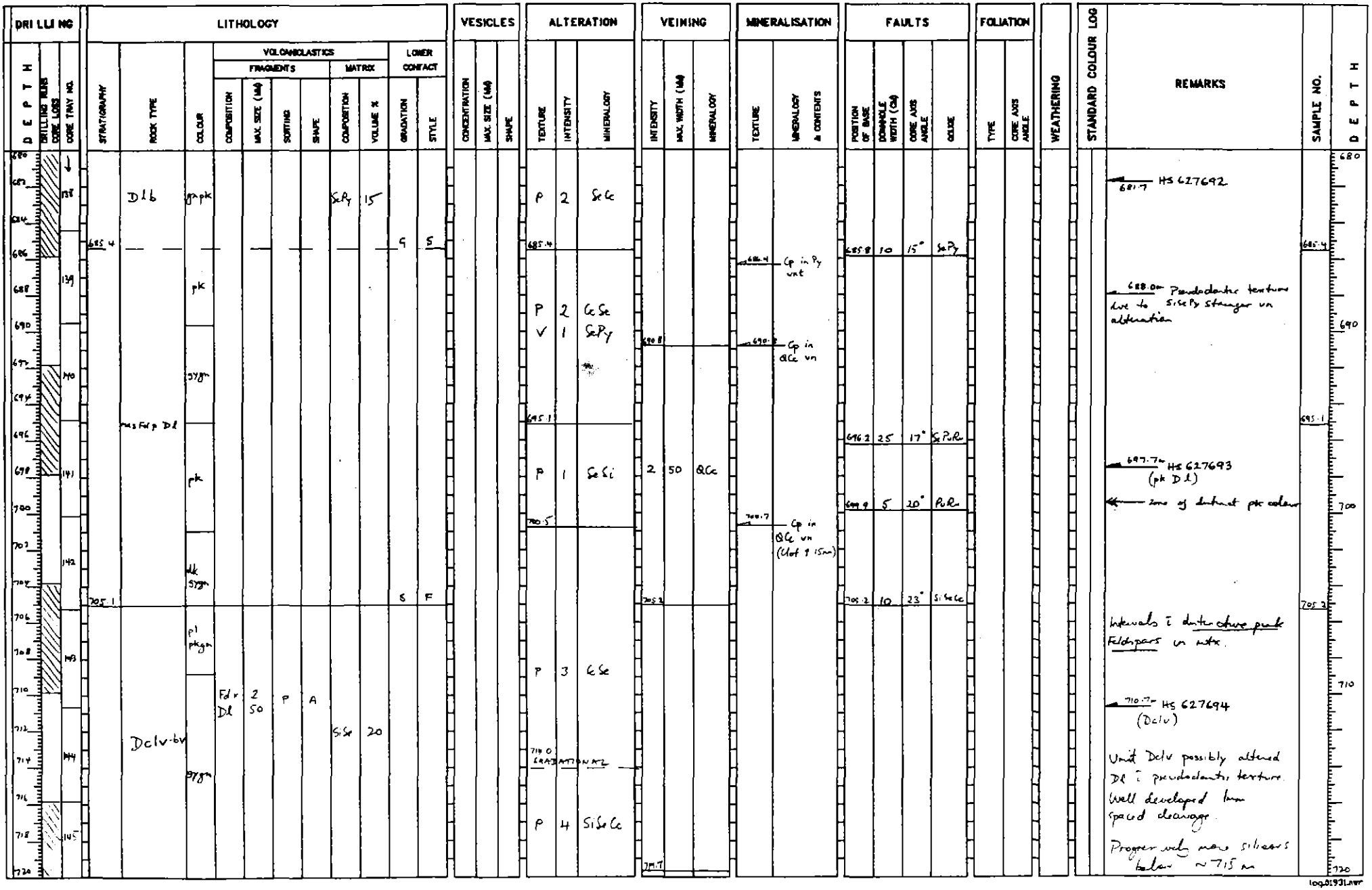
GEO. RHZ

DATE 10/1/95

5 cm

DIAMOND DRILL LOG



[redacted] Rio Tinto Exploration Limited [redacted] HOLE NO. NC [redacted]

EXPLORATION DIVISION

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GEO. RHZ

DATE 17-1-95

5 cm

DIAMOND DRILL LOG

DRILLING	LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
DEPTH / DRILLING RUNS / CORE LOSS / CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS: COMPOSITION	FRAGMENTS: MAX. SIZE (MM)	FRAGMENTS: SORTING	FRAGMENTS: SHAPE	MATRIX: COMPOSITION	MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	TYPE	CORE AXIS ANGLE				
	721.0									S	F																				
		ADL	Sugr	FL	2			Si	90	I	FI				P	2	Si	2	80	BG Cl			720.8	120	<10°	SZ					721.0
	723.5														723.5			721.3													723.5
		Yx Vs-b		Dl lg	50	P	A	Fels Sc	85						P	3	Si & Cc	1	20	Cc			738.6	10	80	Pvbr						740
	759.6									I	I				759.6			745													750
															P	4	Sc Si														
																															760

Irregular perpendicular contact between Dacite and Vs-b.

SZ = shear zone. Foliated zone + vein intense Cc alt.

751.6 HS 627695

Contact at ~80° CA

762205

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EXPLORATION DIVISION

HOLE NO. N64

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GEO. RHL

DATE 17-1-95

5 cm

DIAMOND DRILL LOG

DRILLING | LITHOLOGY | VESICLES | ALTERATION | VEINING | MINERALISATION | FAULTS | FOLIATION | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

DEPTH | DRILLING RUNS / CORE LOSS | CORE TRAY NO. | STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME % | LOWER CONTACT: GRADATION, STYLE | VESICLES: CONCENTRATION, MAX. SIZE (MM), SHAPE | ALTERATION: TEXTURE, INTENSITY, MINERALOGY | VEINING: INTENSITY, MAX. WIDTH (MM), MINERALOGY | MINERALISATION: TEXTURE, MINERALOGY & CONTENTS | FAULTS: POSITION OF BASE, DOWNHOLE WIDTH (CM), CORE AXIS ANGLE, GOUGE | FOLIATION: TYPE, CORE AXIS ANGLE | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

DEPTH	CORE TRAY NO.	ROCK TYPE	ALTERATION: TEXTURE	INTENSITY	MINERALOGY	MINERALISATION: TEXTURE	MINERALOGY & CONTENTS	FAULTS: POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE
760	153	FdpAl-por	P	1	Se						
762.8								762.6	5	20	Ruby
764											
766	154		P	2	Se						
768											
770	155							770.2	30	20	Au
772											
772.5						Ds	Py 3				
774											
776	156		P	5	Si Py						
778											
780	157										
781.8											
782						Ds	Py 1				
784											
786	158		P	2	Si Py						
788											
790											
792	159										
794											
794.2											
795			P	6	Si Py	Ds	Py 3	795.1	30	–	R Po
796.1											
797	160		P	3	Si Py	Ds	Py 1				
797.8											
798											
800											

Unit from 759.7m – EOH is a strongly porphyritic probably sub-volcanic Andesite with authenaly heterogeneous texture due to diverse alteration styles. Minor hydrothermite zones.

766.1m HS627696

777m HS627697

793.7m HS627698

Pervasively altered zones have very even texture & abd fol planar pts - lacks xVs

797.2m HS627699

762206

log.01931.wor

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EXPLORATION DIVISION

HOLE NO. NC[illegible]

PAGE 21 OF 21

GEO. RHZ

DATE 17-1-95

5 cm

DIAMOND DRILL LOG

DRILLING | LITHOLOGY | VESICLES | ALTERATION | VEINING | MINERALISATION | FAULTS | FOLIATION | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

DEPTH | DRILLING RUSS / CORE LOSS | CORE TRAY NO. | STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME % | LOWER CONTACT: GRADATION, STYLE | VESICLES: CONCENTRATION, MAX. SIZE (MM), SHAPE | ALTERATION: TEXTURE, INTENSITY, MINERALOGY | VEINING: INTENSITY, MAX. WIDTH (MM), MINERALOGY | MINERALISATION: TEXTURE, MINERALOGY & CONTENTS | FAULTS: POSITION OF BASE, DOWNHOLE WIDTH (CM), CORE AXIS ANGLE, GOUGE | FOLIATION: TYPE, CORE AXIS ANGLE | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

DEPTH	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	ALTERATION: TEXTURE	INTENSITY	MINERALOGY	MINERALISATION: TEXTURE	MINERALOGY & CONTENTS	FAULTS: POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE
800												
801	161			Pst	5	Si Py	Ds	Py 2				
804							804.9					
806				P	5	Se Si Py	Ds	Py 3				
808	162						Vn	Py 1				
810				810.1			810.1		810.1	530	<10	SZ
812				Pst	5	Si						
812.1				811.6	8	Si						
813	163											
814												
816	164		Fdp Ad-por				Vn	Py 1				
818							818					
818.3				P	4	Si Py	Ds	Py 3				
820	165			818.3			818.3					
823												
824												
826	166			Pst	3	Si Se	Vn	Py 1				
828												
829	167			829			829					
829.8		829.8		P	2	Si Se						
830			EoH									

REMARKS:

801.3m HS 627700

Andesite has scaly pseudo-clastic texture due to patchy alteration.

Very Patchy and impersistent Si alt. Py core in small veinlets on margin of Si nodules.

823.9m HS627988

SAMPLE NO. / DEPTH: 810.1 | 818.3 | 823.9 | 829.8 | EoH | 830

762207

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EXPLORATION DIVISION

→ DH55 (10/5/95)

HOLE NO. NC5

PAGE 1 OF 16

GEO. RHL

DATE 14/3/95

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY											VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
DEPTH	DRILLING RUNS / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS: COMPOSITION	FRAGMENTS: MAX. SIZE (MM)	FRAGMENTS: SORTING	FRAGMENTS: SHAPE	MATRIX: COMPOSITION	MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	COLOUR	TYPE	CORE AXIS ANGLE					
0				gravel								S	E																					0
2				3.0 m																														
4		1																																
6																													Bd	45°			GREY WEATHERED SHALE V. BROKEN TO 14 m		
8		2		lam Sh	gy																								7.0 m		5				
10																																		10
12		3																											Bd	110°					
14				14.4 m								3	F				14.4 m								14.4 m	2	45°	Pu	13.0 m						
16		4																													15.0 m				
18																															3				
20		5																													17.0 m				20
22																															6				
24		6		grd bx/Fls	gy	Rl D.I	25	M	sR	Q Fd	10														24.1 m	30	?	Pu			24.3 m		PACKAGE OF GRADED LITHIC VOLCANICLASTICS. BRECCIA TO SILTSTONE GRADE. SUB-ROUNDED TO ROUNDED FRAGMENTS OF PINK QFD PHYRIC RHYOLITE. POSSIBLY TRANSITIONAL TO UPPER TYNDALL VOLCANICLASTIC CONGLOMERATES. MATRIX DOMINATED BY FINE LITHIC FRAGMENTS - Rl1 AND FD CRYSTALS NOT ABUNDANT	200829	
26																																		
28		7																																
30																																		30
32		8																																
34																																		
36		9																																
38																																	37.9 m	40
TD		10																											Bd	40°			HS 628301		

1622208

log01931.wmf

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. [redacted]

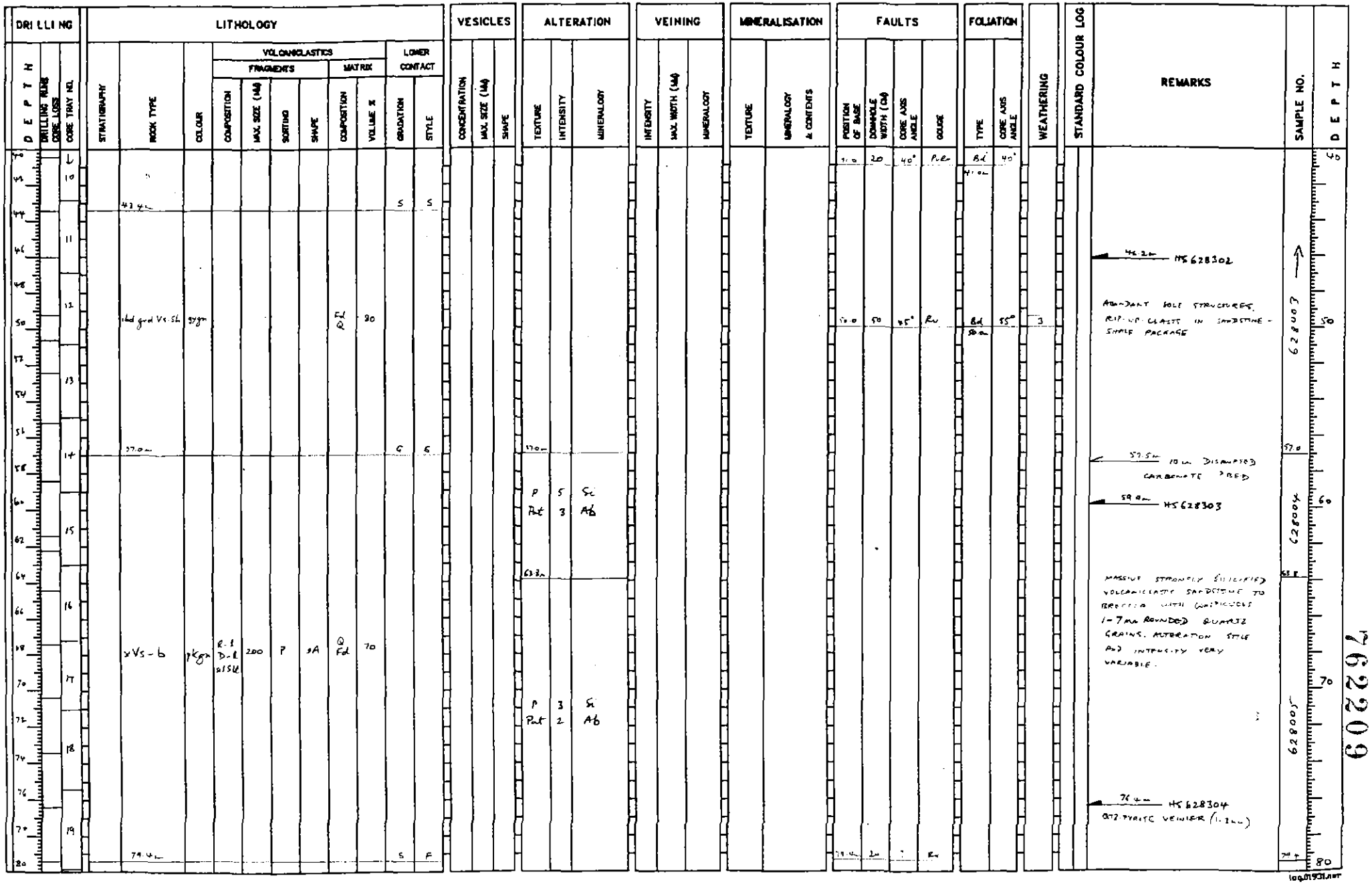
PAGE 2 OF 16

GEO. RHL

DATE 14/3/95

5 cm

DIAMOND DRILL LOG



7622209

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. [redacted]

PAGE 3 OF 16

GEO. RHL

DATE 14/3/95

5 cm

DIAMOND DRILL LOG

DRILLING | LITHOLOGY | VESICLES | ALTERATION | VEINING | MINERALISATION | FAULTS | FOLIATION | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION | MAX. SIZE (MM) | SORTING | SHAPE; MATRIX: COMPOSITION | VOLUME % | LOWER CONTACT: GRADATION | STYLE

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

FOLIATION: TYPE | CORE AXIS ANGLE

DEPTH	DRILLING RUNS	CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS: COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	MATRIX: COMPOSITION	MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	VESICLES: CONCENTRATION	VESICLES: MAX. SIZE (MM)	VESICLES: SHAPE	ALTERATION: TEXTURE	ALTERATION: INTENSITY	ALTERATION: MINERALOGY	VEINING: INTENSITY	VEINING: MAX. WIDTH (MM)	VEINING: MINERALOGY	MINERALISATION: TEXTURE	MINERALISATION: MINERALOGY & CONTENTS	FAULTS: POSITION OF BASE	FAULTS: DOWNHOLE WIDTH (CM)	FAULTS: CORE AXIS ANGLE	FAULTS: GOUGE	FOLIATION: TYPE	FOLIATION: CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
90															R-1																					90
92			20																																	
94																																				
96			21																																	
98																																				
100			22																																	
102																																				
104			23																																	
106																																				
108			24																																	
110																																				
112			25																																	
114																																				
116			26																																	
118																																				
120			27																																	
			28																																	
			29 ↓																																	

				mas FdQR lg	tKp	R-1 D-2	20	F	sA	Fd Pl mlt	95							Pod P	4 6	Cl Sc Ab							119.6	60		PcRu						

90.8m HS 628305

COMPARE CHLORITIC DOMAINS WITH MATRIX.

UNIT FROM ~ 80m – 125 m CONSIST OF APPARENT CHLORITE ALTERED FRAGMENTS OF Fd Q P IGNIMBRITE? IN STRONGLY SILICIFIED FdQ CRYSTAL RICH MATRIX WITH SPARSE ANGULAR LITHICS QUARTZ APPEARS MORE COMMON IN 'MATRIX' BUT THIS IS DUE TO COLOUR CONTRAST (LESS COLOUR IN CHLORITIC CLOTS). UNIT POSSIBLY A DOMINANTLY ALTERED WELDED IGNIMBRITE, WITH ABUNDANT EUHEDRAL Fd AND ROUNDED Q IN GLASSY MATRIX. STRONG SILICA-ALBITE OVERPRINTS CHLORITE ALTERATION GIVING PSEUDO-CLASTIC TEXTURE.

CORE BROKEN 117.-120 m

SAMPLE NO. 700829 ↓ 700829

DEPTH 90 | 100 | 110 | 120

762210

log.01901.wor

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EXPLORATION DIVISION

HOLE No. [illegible]

PAGE 4 OF 16

GEO. RHL

DATE 13-14/3/95

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
DEPTH	DRILLING BREAK / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS: COMPOSITION	FRAGMENTS: MAX. SIZE (MM)	FRAGMENTS: SORTING	FRAGMENTS: SHAPE	VOLCANICLASTICS: MATRIX: COMPOSITION	MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	COUSE	TYPE	CORE AXIS ANGLE					
130		29																																
132		30																																
134		31																																
136		32																																
138		33																																
140		34																																
142		35																																
144		36																																
146		37																																
148		38																																
150																																		
152																																		
154																																		
156																																		
158																																		
160																																		

125.4 — 138.2 — 160

												5	5				125.4																	
				Y Lv	pkgn	R-I lg D-I SLE	300	P	SR	Fd Q	30	5	F				Pot	4	SiA6Cl						127.6	60		Bu							
																	138.2																	
												5	F												139.4	130	15°	P-Bu							
																									141.4	40	30°	Bu							
				Inc fldsll lg	pkgn	R-I D-I	20			Fd Q alt	95						Pot	3	Cl																
																	P	5	SiA6																

REMARKS

125.4m — HS 628306

Polymict breccia may be lithic zone within ignimbrite.

Possible repetition of ignimbrite ↓

Unit from 138.2 → 142.5 identical to ignimbrite above. Strongly disrupted erational base.

SAMPLE NO.: 622209, 622210

DEPTH: 130, 140, 150, 160

622211

log0193.wor

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. RH2

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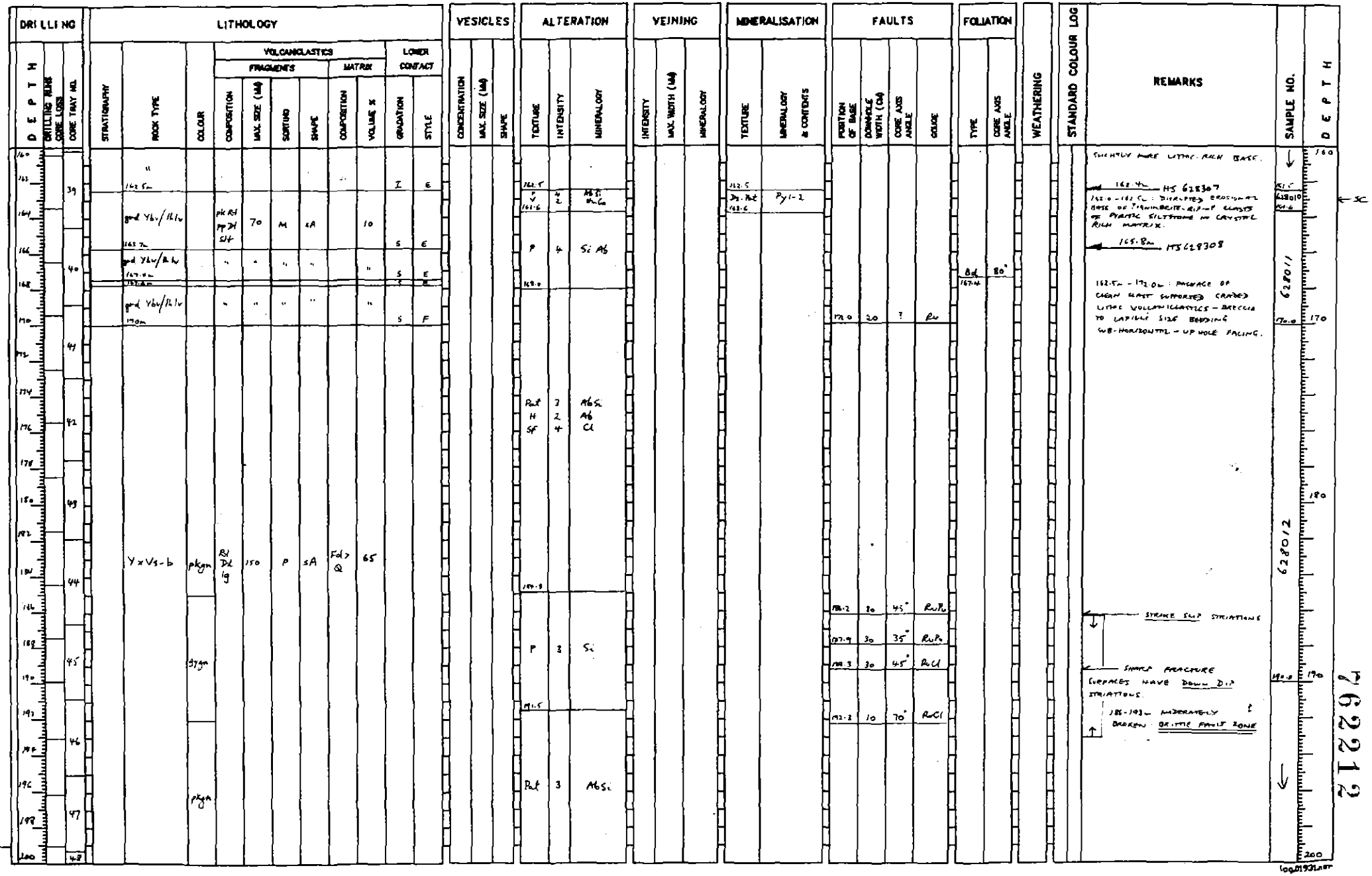
GEO. RH2

DATE 13/3/95

5 cm

DIAMOND DRILL LOG



Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE NO. NC2

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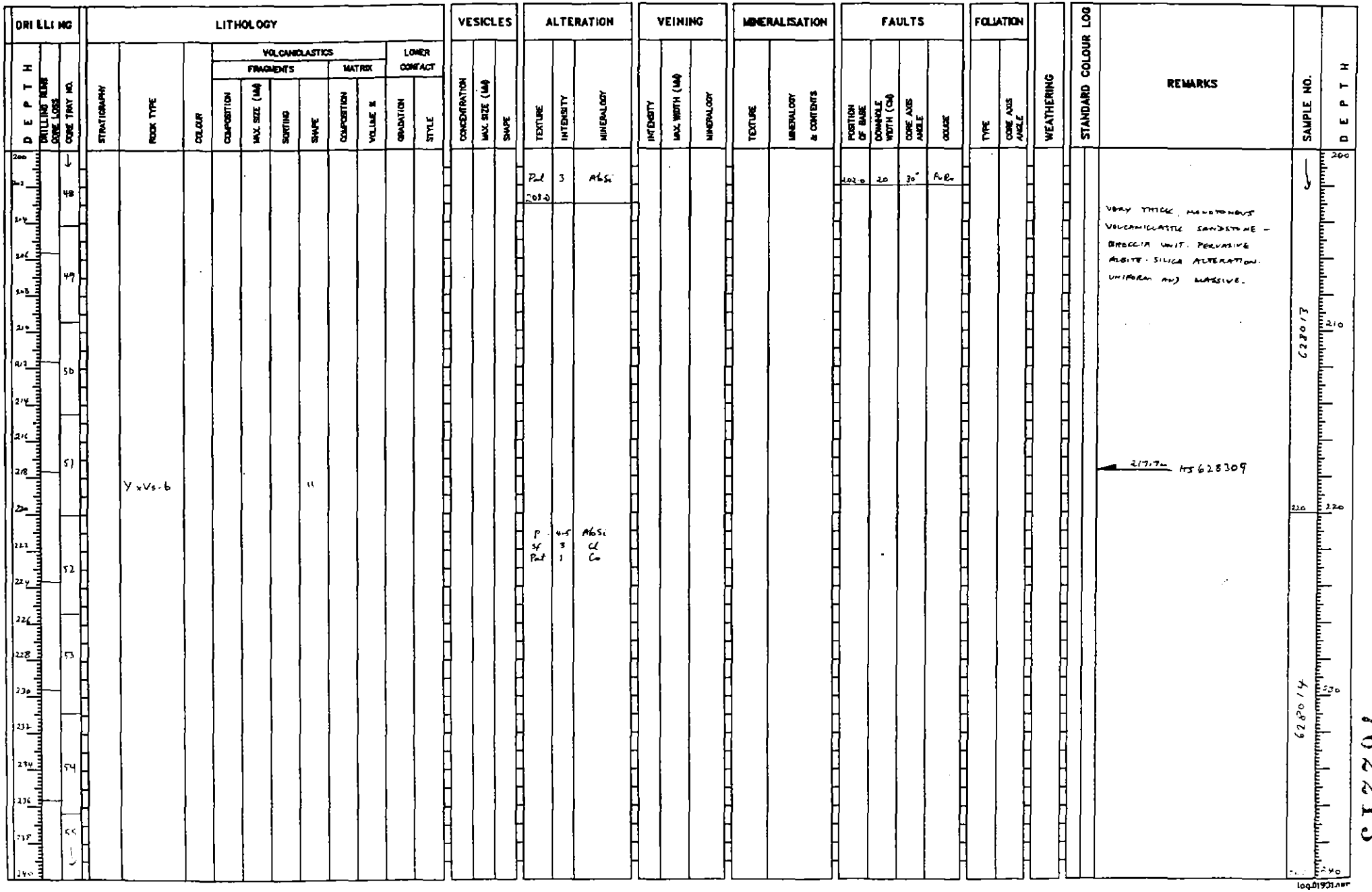
GEO. RHL

DATE 15/3/95

5 cm

DIAMOND DRILL LOG



log.01931.nrr

762213

[redacted] Resources Limited

EXPLORATION DIVISION

HOLE NO. N

PAGE 7 OF 16

GEO. RHL

DATE 13/3/95

5 cm

DIAMOND DRILL LOG

DRILLING: DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION | MAX. SIZE (MM) | SORTING | SHAPE; MATRIX: COMPOSITION | VOLUME % | LOWER CONTACT: GRADATION | STYLE

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

FOLIATION: TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO. | DEPTH

DEPTH	RUNS	CORE LOSS	TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS: COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	MATRIX: COMPOSITION	VOLUME %	LOWER CONTACT: GRADATION	STYLE	VESICLES: CONCENTRATION	MAX. SIZE (MM)	SHAPE	ALTERATION: TEXTURE	INTENSITY	MINERALOGY	VEINING: INTENSITY	MAX. WIDTH (MM)	MINERALOGY	MINERALISATION: TEXTURE	MINERALOGY & CONTENTS	FAULTS: POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	FOLIATION: TYPE	CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
240		L	55																																	240
245			56															P 4-5 Ab Si Sf 3 Cl Pvt 1 Ca																		
250			57		y xVs-b					N																	250.5	10	60°	P-Rv						250
255			58																	P 4-5 Ab Si Sf 3 Cl Pvt 2-3 Ca	257.10																
260			59										5	G							261.5														260
265			60		xVs	pkgy	Rl lg	40	P	A	Fd G	30						P 4 Al Si Sf 3 Cl B 1-2 Ab Ca Pvt 1 Ca																		
270			61																																	270
275			62																																	275
280																																				280

261.5 – GRADATIONAL TRANSITION TO FRAGMENT-POOR CRYSTAL RICH SANDSTONE REFLECTED IN BANDED ALBITE-CHLORITE ALTERATION.

277.3 – HS 628310

SAMPLE NO. S10829 S10830

log01931.wmf

7692214

[redacted] Abermagle Resources Limited [redacted]

EXPLORATION DIVISION

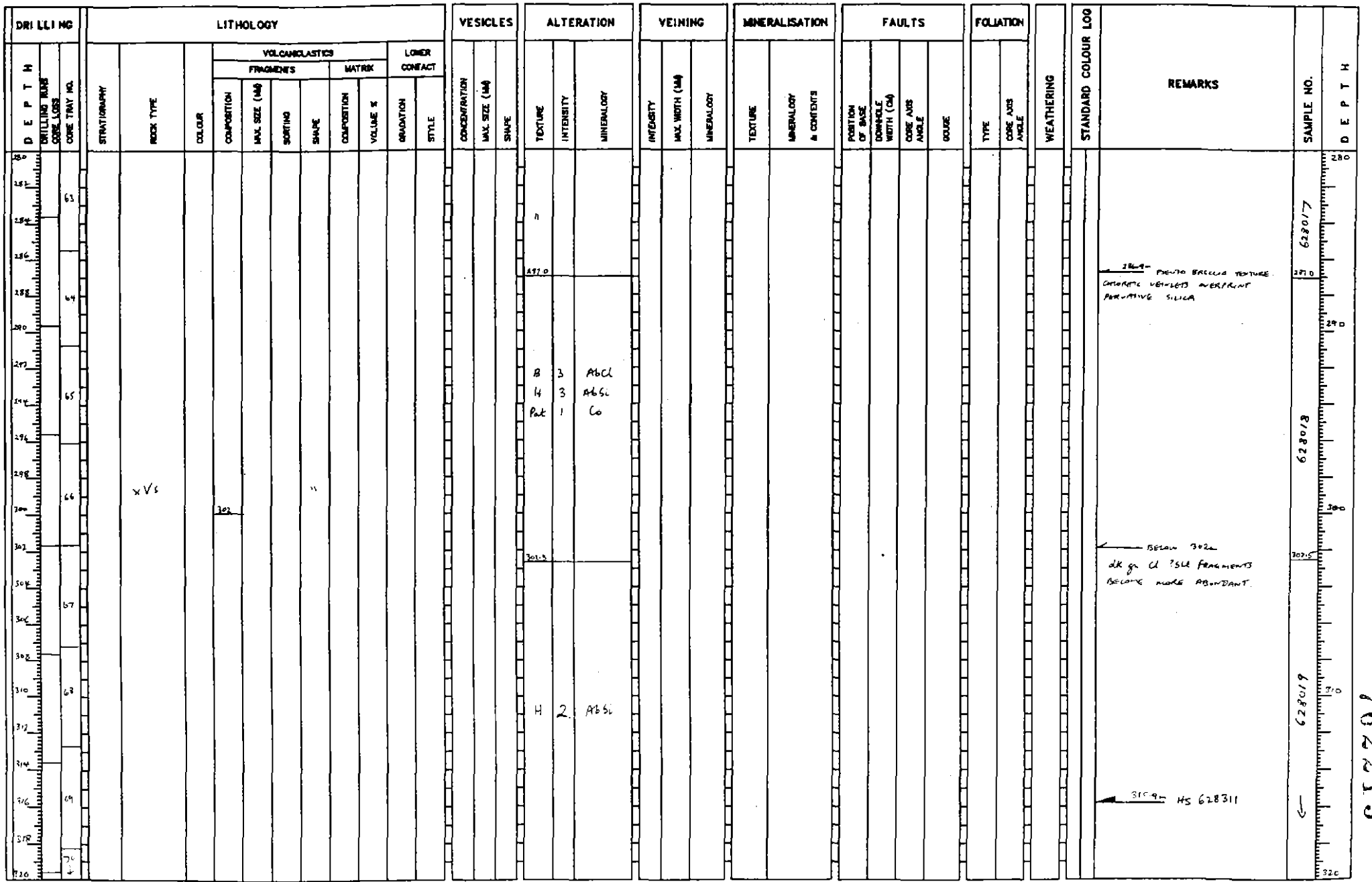
PAGE 8 OF 16

GEO. RHL

DATE 19/5/95

5 cm

DIAMOND DRILL LOG



162215

log01931.wor

[redacted] Aberfoyle Resources Limited [redacted]

EXPLORATION DIVISION

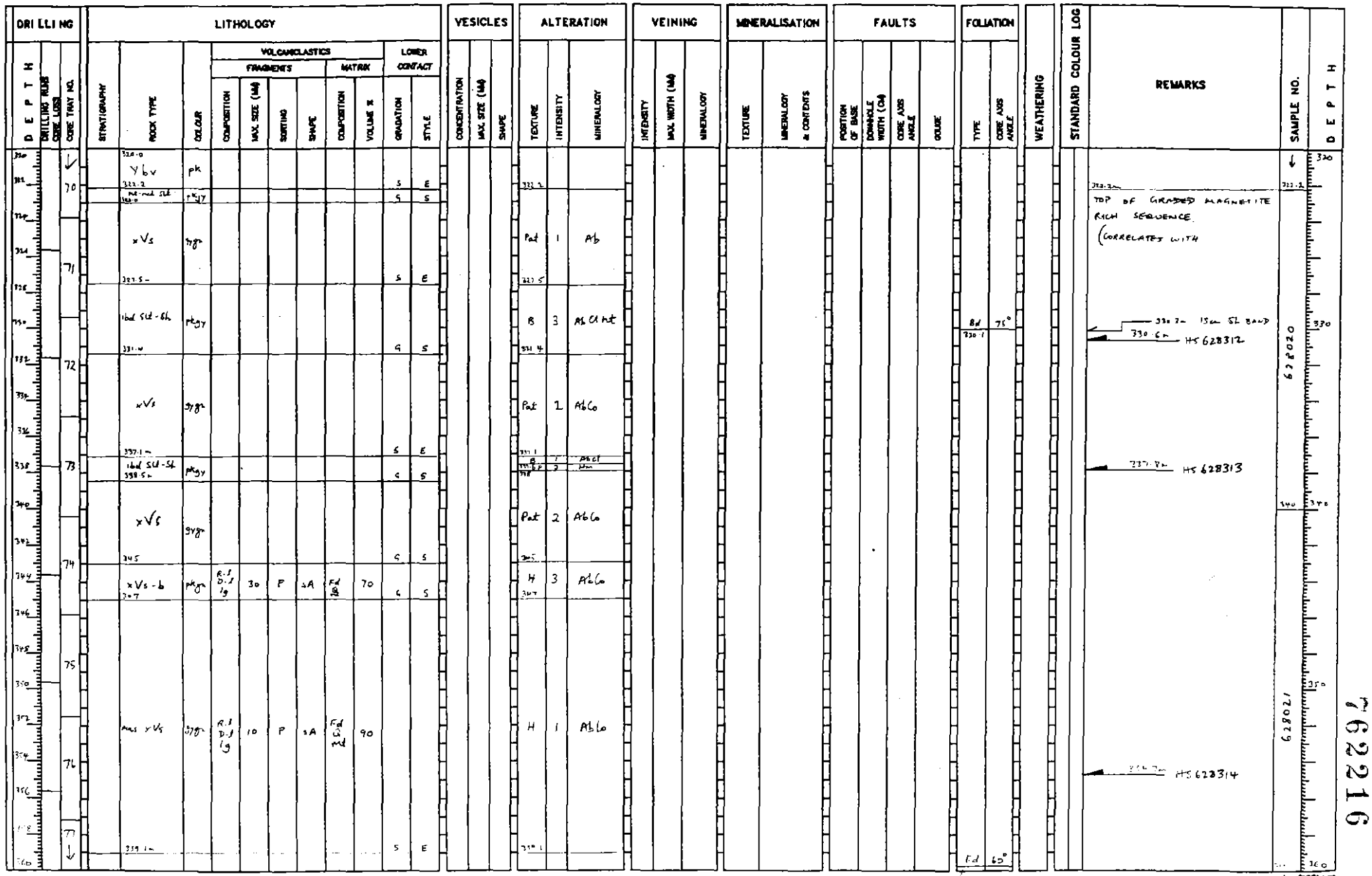
PAGE 9 OF 16

GEO. RHL

DATE 13-14/3/95

5 cm

DIAMOND DRILL LOG



1662216

log-01931.xls

[redacted] Aberfoyle Resources Limited [redacted]

EXPLORATION DIVISION

HOLE NO. [redacted]

PAGE 10 OF 16

GEO. RHL

DATE 14/3/95

5 cm

DIAMOND DRILL LOG

DRILLING | LITHOLOGY | VESICLES | ALTERATION | VEINING | MINERALISATION | FAULTS | FOLIATION | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO. | STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME % | LOWER CONTACT: GRADATION, STYLE | VESICLES: CONCENTRATION, MAX. SIZE (MM), SHAPE | ALTERATION: TEXTURE, INTENSITY, MINERALOGY | VEINING: INTENSITY, MAX. WIDTH (MM), MINERALOGY | MINERALISATION: TEXTURE, MINERALOGY & CONTENTS | FAULTS: POSITION OF BASE, DOWNHOLE WIDTH (CM), CORE AXIS ANGLE, GOUGE | FOLIATION: TYPE, CORE AXIS ANGLE | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

360
362
364
366
368
370
372
374
376
378
380
382
384
386
388
390
392
394
396
398
400

77
78
79
80
81
82
83
84

368.8 m: 1cd grd Vs-Clt — pkgn — G S
369.9 m: 1cm Slt — pkgn — G S
379.6 m: grd xVs — brgn — S I
381.9 m: BA-dy — dkgn — S I
384.9 m: xVs — brgn — S I
386.6 m: BA-dy — dkgn — S I
390.2 m: xVs — brgn — S E
391.3 m: 1cd xVs-Slt — pkgn — G S
393.5 m: xVs-b — S C

379.6 m: 5 05 R
386.6 m: 10 1 R

368.8 m: B 2 Ab Cl Mt
369.9 m: B 1 Ab Mt
379.6 m: Pat 3 Ab Co
381.9 m: P 3 Cl
384.9 m: Pat 2 Ab
386.6 m: P 3 Cl
390.2 m: Pat 1 Ab Co
391.3 m: B 2 Ab Cl
393.5 m: Pat 3 Ab Co

379.1 m: 1 40° Brn
381.9 m: 2 70° bx

379.6 m: T 80°
381.9 m: T <10°

INDIVIDUAL GRADED UNIT < 1m.

DARK GREEN ANDESITE DYKE. NOT CONTACT S=B-1 TO BEDDING. BASE CROSS-CUTTING.

of BA-dy gouche 1 BLS etc

TOP LOWEST APPEARANCE OF XVs/Cl VESICLES INCREASE IN USE/ABUNDANCE TOWARDS TOP 386.6 m MT 623315

GOAT GRILLED MARCH 97 DATE

cf. OUTCROPS N OF TYNDALL CREEK.

393.5 m BASE OF LITHO

SAMPLE NO.: 628022 | CR8015 381.9 | 628014 384.9 | CR8016 386.6 | 628026 393.5

DEPTH: 360 370 380 390 400

log01931.wor

7622217

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EXPLORATION DIVISION

PAGE 11 OF 16

GEO. RHL

DATE 14-19/3/95

5 cm

DIAMOND DRILL LOG

DRILLING: DEPTH | DRILLING RUSH | CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION | MAX. SIZE (MM) | SORTING | SHAPE; MATRIX: COMPOSITION | VOLUME % | LOWER CONTACT: GRADATION | STYLE

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | DOWNHOLE

FOLIATION: TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO. | DEPTH

407.3 – HS 628316

410.8 –

GRADED BRECCIA – SILTSTONE PACKAGE

SILTSTONE UNITS HAVE PERVASIVE CHLORITE ALTERATION.

421.8 –

COMPLEX GRADATION TO HORNBLENDE TUFF

427.1 – BASE OF MINSITE ALT.

432.0 – HS 628317

STRONG SERICITE ALTERATION (GEOCHEM STANDARD 628087)

431.5 –

433.3 – FIRST SIGN OF PERVASIVE HAEMATITE ALTERATION.

628027 628028 628029 628030 628032

628318

100.0193Lxxx

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EXPLORATION DIVISION

HOLE No. [illegible]

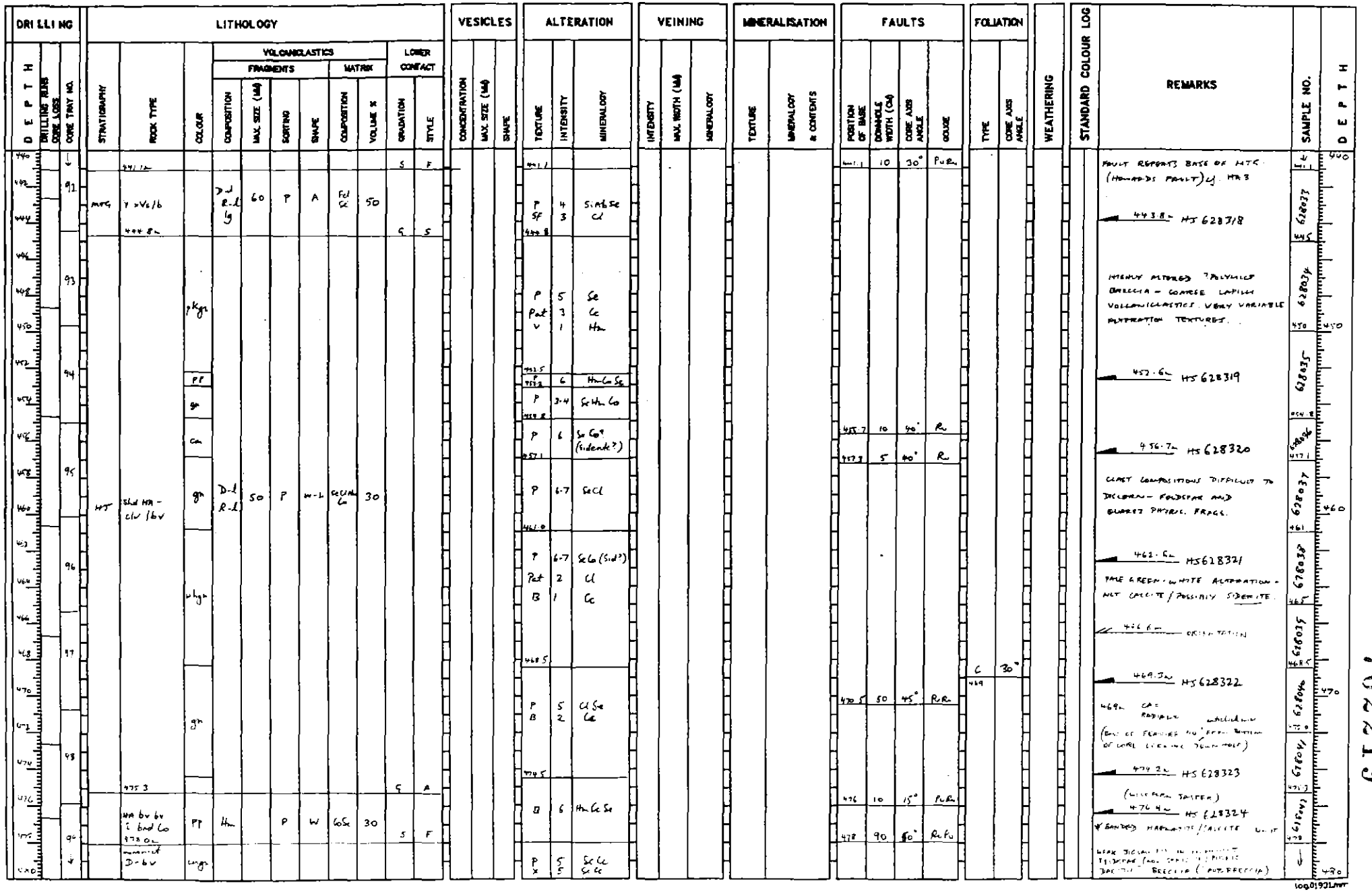
PAGE 12 OF 16

GEO. RHZ

DATE 13/95

5 cm

DIAMOND DRILL LOG



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EXPLORATION DIVISION

5 cm

DIAMOND DRILL LOG

PAGE 13 OF 16

GEO. RHZ

DATE 14-19/3/95

Distinction between 1 and 2 forms (A 'crystals of Fd → Sr Ca. 'Zones of 'crystal' concentration appeared to have white thin zone could also be vesicles. Interpreted as a 'dacite' (rhyodacite) lava - vesicular and autobrecciated (hyaloclastite?) Similar rock types in HC1.

DRILLING | LITHOLOGY | VESICLES | ALTERATION | VEINING | MINERALISATION | FAULTS | FOLIATION | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME % | LOWER CONTACT: GRADATION, STYLE

VESICLES: CONCENTRATION, MAX. SIZE (MM), SHAPE

ALTERATION: TEXTURE, INTENSITY, MINERALOGY

VEINING: INTENSITY, MAX. WIDTH (MM), MINERALOGY

MINERALISATION: TEXTURE, MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE, DOWNHOLE WIDTH (CM), CORE AXIS ANGLE, GOUGE

FOLIATION: TYPE, CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO.

DEPTH

480.9m HS 628325

481.9m HS 628326

HSZ, 2m O-Sr Ld. HS628327

483.5m HS 628328

* BANDED MAGNETITE-CALCITE (POSSIBLY STRONGLY ALTERED EQUIVALENT OF DACITIC (TUFF)BRECCIA ABOVE)

487.8m HS 628329

* BANDED MAGNETITE-CALCITE

491.2m FAULTED BASE OF HOWARDS TUFF

GREAT LYELL FAULT ZONE??

CORE STRONGLY SHEARED, BRECCIATED AND BROKEN TO ~ 520m. INTERBEDDED MICACEOUS, QUARTZ SANDSTONE/SILTSTONES/ CONGLOMERATE / SHALE.

501.5 - 504.0 : SHEAR ZONE

513.0 - 518.8m : SHEAR ZONE

log01951.mer

16224.0

[redacted] before [redacted] Resources Limited [redacted] HOLE N [redacted]

EXPLORATION DIVISION

PAGE 14 OF 16

GEO. RHL

DATE 13/3/95

5 cm

DIAMOND DRILL LOG

DRILLING: DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION | MAX. SIZE (MM) | SORTING | SHAPE; MATRIX: COMPOSITION | VOLUME % | LOWER CONTACT: GRADATION | STYLE

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

FOLIATION: TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO.

DEPTH

POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE
524.9	5	60°	Sc.Pu
531.5	2	30°	Sc.Pu
532.9	20	35°	Sc.Py
539	10	70°	Sc.Py
544.9	1	60°	Sc.Pu
545.6	30	60°	Sc.Pu.Bx
553.2	20	45°	Pu.Bx
555.0	40	60°	Sc.Pu.Ru

TYPE	CORE AXIS ANGLE
Bd 524.6	40°
Bd 545.8	60°
Bd 555.6	52°

RUBBLY ZONES (PROBABLY SMALL FAULTS) COMMON — CORE MODERATELY BROKEN. DISCRETE FAULTS — WITH EVIDENCE OF MOVEMENT — ARE NARROW PUG-RUBBLE ZONES 1-5cm WIDE. VERY BRITTLE STYLE. SMALL PYRITIC VEINLETS COMMON IN PUGGY FAULTS. SHEARING PARALLEL TO BEDDING.

SANDSTONES ARE FINE TO MEDIUM-GRAINED, WELL-SORTED AND BEDDED MICACEOUS QUARTZ ARENITES.

PLANAR STRUCTURES COMMON.

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EXPLORATION DIVISION

HOLE No. [redacted]

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GEO. RHL

DATE 13/3/95

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
DEPTH	DRILLING RUNS CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS: COMPOSITION	VOLCANICLASTICS: FRAGMENTS: MAX. SIZE (MM)	VOLCANICLASTICS: FRAGMENTS: SORTING	VOLCANICLASTICS: FRAGMENTS: SHAPE	VOLCANICLASTICS: MATRIX: COMPOSITION	VOLCANICLASTICS: MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	COUSE	TYPE	CORE AXIS ANGLE				
560		↓		lam Ss-Sh	p/gn																											REMARKS		560
562				562.0 m								G	S																			lam Ss-Sh SEQUENCE V. BROKEN DIT SLIP STRIATIONS ON SHALE BEDS. LAMINATION 1- 5 cm		
564		117		lam Ss. Sst	p/gn																							Rd	55°				
566																												564.4					
568				567.7								G	S																				
570		118		sl Cg	m/gn	Qz	100	M	R	Q	20	S	E															Rd	70°				
572				569.5																								570.2					
574		119																							570.8	3	40°	Pu					
576																									574	40	?	PuBr					
578																									576.1	1	45°	Pu					
580		120																															
582				lam Ss Sil sh	p/gn																							Gd	60°				
584		121																										582.2					
586																																	
588																																	
590		122																							590.9	60	?	Pu					
592																													Gd	60°			
594		123										S	S															592.5					
596			594.6	Sil Cg	pk	Qz	50	G	R	Q	5	S	E																				
598			595.15																						599.2	20	60°	Pu					
600		124		lam Ss-Sil Mar Sh	p/gn																												
602		↓																															

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22220

[redacted] Aberfoyle Resources Limited [redacted]

EXPLORATION DIVISION

PAGE 16 OF 16

GEO. RHZ

DATE

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION					
						VOLCANICLASTICS																										
						FRAGMENTS				MATRIX		LOWER CONTACT																				
DEPTH	DRILLING RUNS CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	COMPOSITION	VOLUME %	GRADATION	STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	CODE	TYPE	CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
600		124		602 Nm																											602 m SOFT SEDIMENT MOLDING		600
602				Si/f C$_T$	PK	Qz	40	G	R	Q	10	S	E																Bk	80°				
604		125		607.0 m																									Log m					
606																																CORE LESS BROKEN / FAULTED BELOW 600 m		
608																																		
610		126																															610	
612																																		
614		127		thbd sil Si-Slt	plgx																											CONSISTENT UP HOLE FACING INDIVIDUAL SS BEDS FROM 10cm - 2m		
616																																		
618																																		
620		128																															620	
622																																		
624		129																																
626																																		
628																																		
630		130		631.0 m EOH																													630	
																																631 m EOH		

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EXPLORATION DIVISION

HOLE No. NC-03

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GEO. RHZ

DATE 24/3/95

HAND SAMPLES: 627251 - 627261, 627267 - 627277

INTERVALS: 628051 - 628080, 628082 - 628111, 628113 - 618

STANDARDS: 628081, 628112

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY											VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION							
						VOLCANICLASTICS						LOWER CONTACT																							
						FRAGMENTS				MATRIX																									
DEPTH	DRILLING RUNS	CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	COMPOSITION	VOLUME %	GRADATION	STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	CORE AXIS	TYPE	CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
0	HMU HQ				1.0 NO CORE													NO CORE																	0
2			1		cs Y-bv/Cg 2.8	gy PP	R-I D-I Mt	60	P	SR-SA	1L	30	G	S																						
4																																			
6			2		xs Y-bv/clv 9.5	gy	R-I D-I Mt	40	P	SR-SA	Q Sc Mt 1L	60	G	S																						
8																																			
10																										9.9	30	45°	Mt Py Bv						
12			3		cs Y-bv/Cg 11.6	gy PP	R-I D-I Mt	60	P	SR-SA	1L	30	S	E				P	1-2	Sc Hm Mt	1-2	2	Mt			11.9	3	90	Mt Py Bv	+		4				
					R.T. 11.7 Flv	gy gy	Sil R-I	80	P	SR	Sc-IL	95	CR	P				D&V	2-4	Mt						11.0	1	80	Mt Py	Bd 11.6	35°					
14					grd xs Y-bv/clv 15.5	gy PP	R-I D-I Mt	30	P	SR-SA	1L	60	S	G																							
16			4		cs Y-bv 17.0	pk PP	R-I	200	M	SA-A	1L	30	G	S																		1-2				
18																																			
20			5		xs Y-bv/clv 20.0	gy PP	R-I D-I Mt	20	P	SR-SA	1L	60	S	F							30					20.0	60	20	Mt Py Bv			6				
22																																			
24																																			
26			6																																
28																																			
30			7		mas cs Y-bv	md PP	P-Pv D-I Sut Ig	150	M	SR-SA	Sc Ft Mt 1L Fd	20						P	1-2	Hm Mt																
32																																			
34			8																																
36			9																																
38																																			
40																																			

STRONGLY MAGNETIC : ME AS DISSEMINATIONS, LENSES, VEINLETS AND ANGULAR 2-3cm FRAGMENTS (POSSIBLY ALTERED LITHICS).

11.5m HS 627252

11.6m SHARP EROSIONAL BASE, ALIGNMENT OF ROUNDED CLASTS PARALLEL TO CONTACT.

PASSIVE HAEMATITIC BRECCIA UNIT. MINOR RHYOLITE CLASTS ARE SUB-ROUNDED STRONG RED-PURPLE COLOR.

SAMPLE NO. 628051 → 628072

627224

log.01931.mm

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. AC-03

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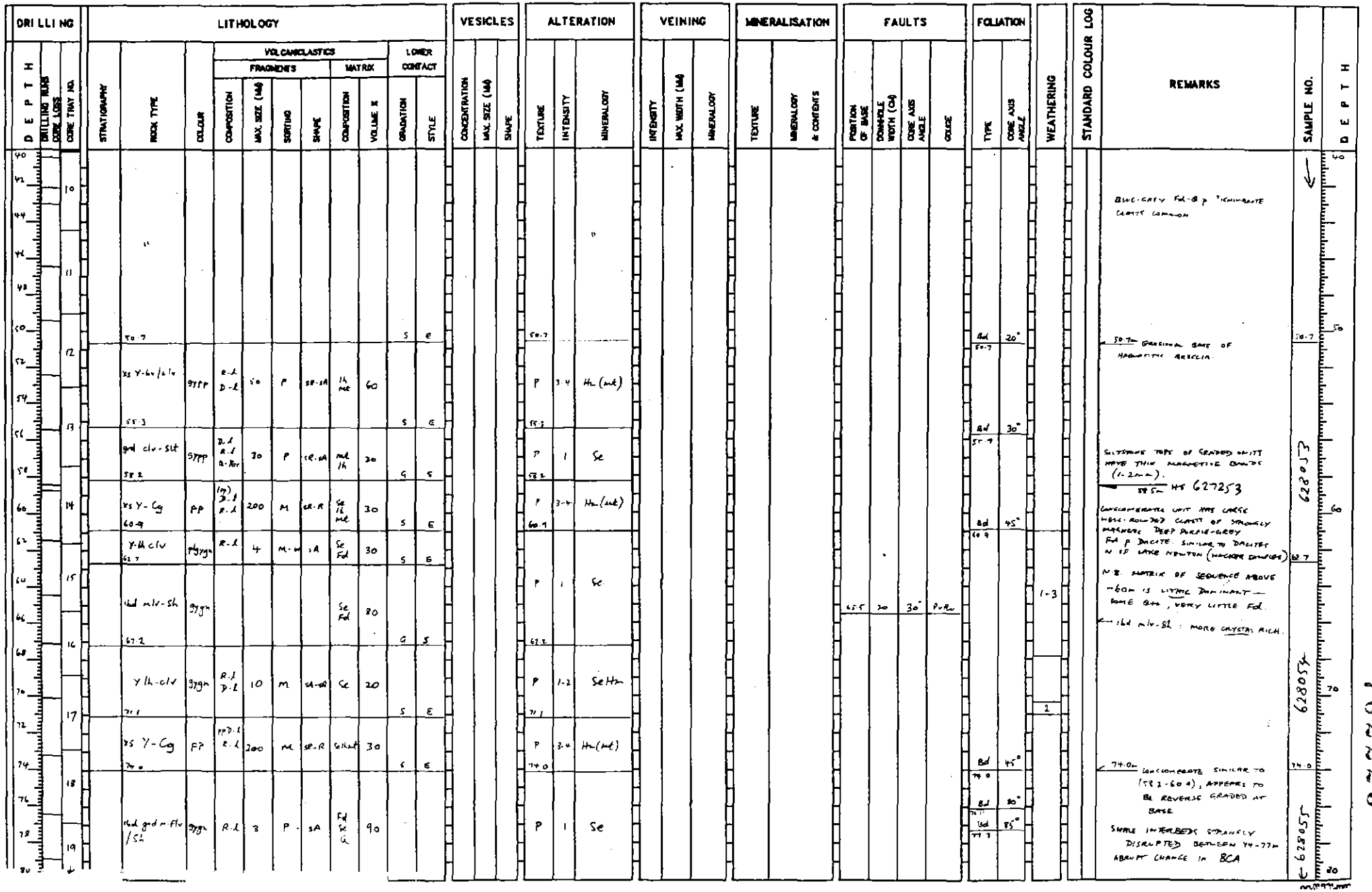
GEO. RHL

DATE 24/3/95

5 cm

DIAMOND DRILL LOG



1622225

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC-93

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GEO. RHL

DATE 24/3/95

5 cm

DIAMOND DRILL LOG

DRILLING | LITHOLOGY | VESICLES | ALTERATION | VEINING | MINERALISATION | FAULTS | FOLIATION | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

DEPTH | DRILLING RUNS / CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME % | LOWER CONTACT: GRADATION, STYLE

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | SENSE

FOLIATION: TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO.

DEPTH

DEPTH	RUNS / LOSS	TRAY	STRAT	ROCK TYPE	COLOUR	FRAGMENTS: COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	MATRIX: COMPOSITION	VOLUME %	LOWER CONTACT: GRADATION	STYLE
90													
91		20		91.8								S	S
				Y-Cg 93.2	cm-gn	S-L f/c	100	M	SR-SA	Ch IL	10	S	E
94													
95		21											
96													
97		22		vfgd m/..sst-slt	plgn								
98													
99		23											
100			UTG	96.1m								S	S
101		24	MFG										
102													
103		25											
104													
105		26		mas Y-bv	pkgn	PP-I 10 R-I slt	50	P	SA	Fd Q Sil Sm	40		
106													
107		27											
108													
109													
110		28											
111													
112													
113		29											
114													
115													
116													
117													
118													

DEPTH	TEXTURE	INTENSITY	MINERALOGY
96.1	P	1	Se
100.0	B	4	Ab Ch / Cl
	P	4-5	Ab Si Cl
	Pat	1	Cl
119.5	Pat	2-4	Cl Ca
	P	3	Ab Si Cl

POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	SENSE
94.5			
96.7	220	50°	Rv
94.9	20	80°	Rv
94.8	90	20°	Rv
109.5	10	60°	Rv
111.2	10	50°	P-Rv
116.3	30	70°	P-R

FOLIATION: TYPE	CORE AXIS ANGLE
Bd 91.8	45°
Bd 91.4	75°
Bd 96.1	75°

REMARKS:

- Broken ground: brittle fault
- Volcaniclastics grades from m/v to siltstone with sharp intercalcic. Sample often strongly disrupted.
- 96.7–92.5 Broken but no evidence of fault movement
- 96.1m Major facies/alteration change. Conformable top of Middle Tyndall Group. Top of strong to pervasive Si Ab Cl alteration.
- Core moderately broken

SAMPLE NO.: 62805 6

96.1 | 111.5

92291

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC-03

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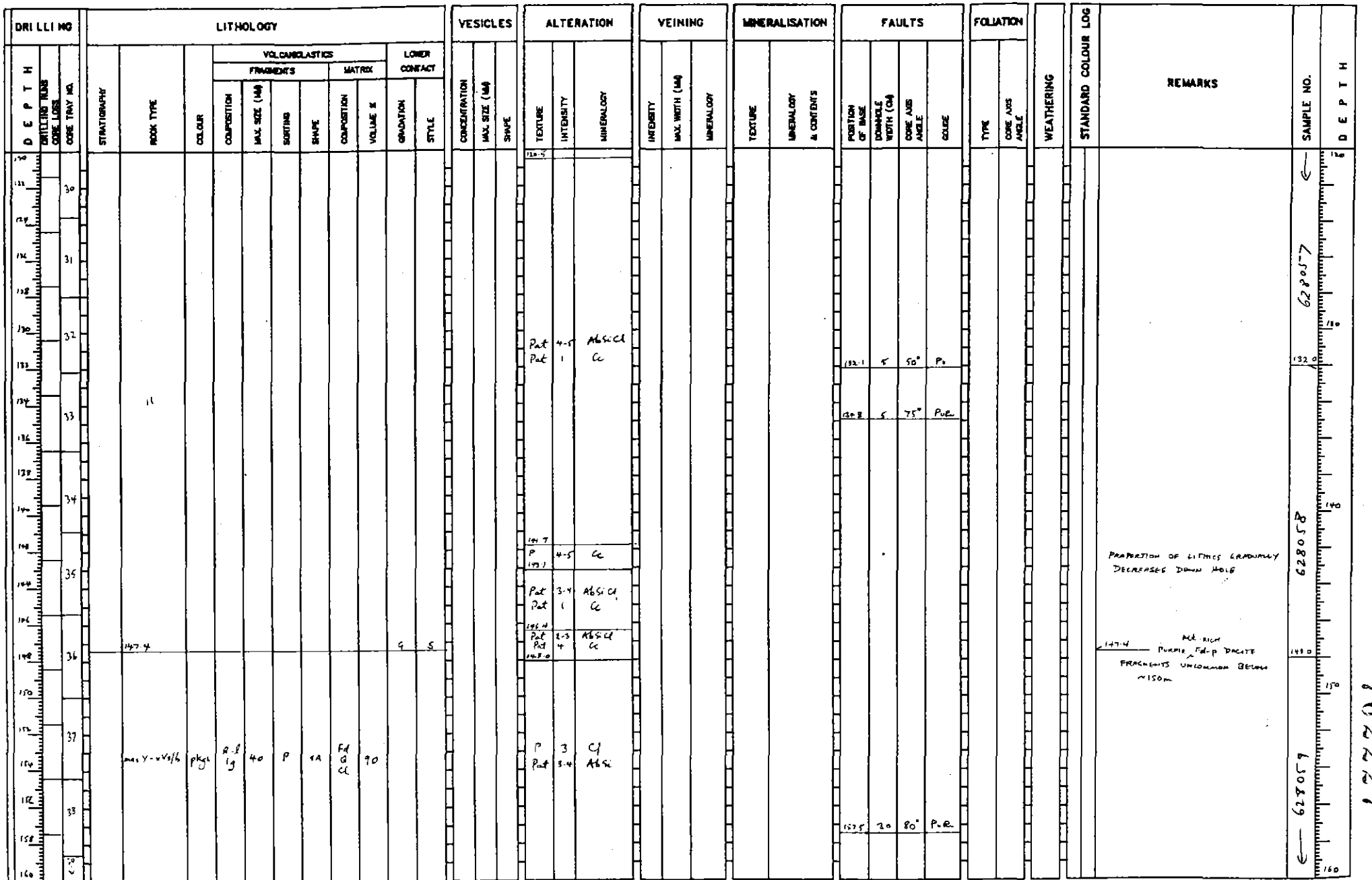
GEO. RITZ

DATE 24/3/95

5 cm

DIAMOND DRILL LOG



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Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC-03

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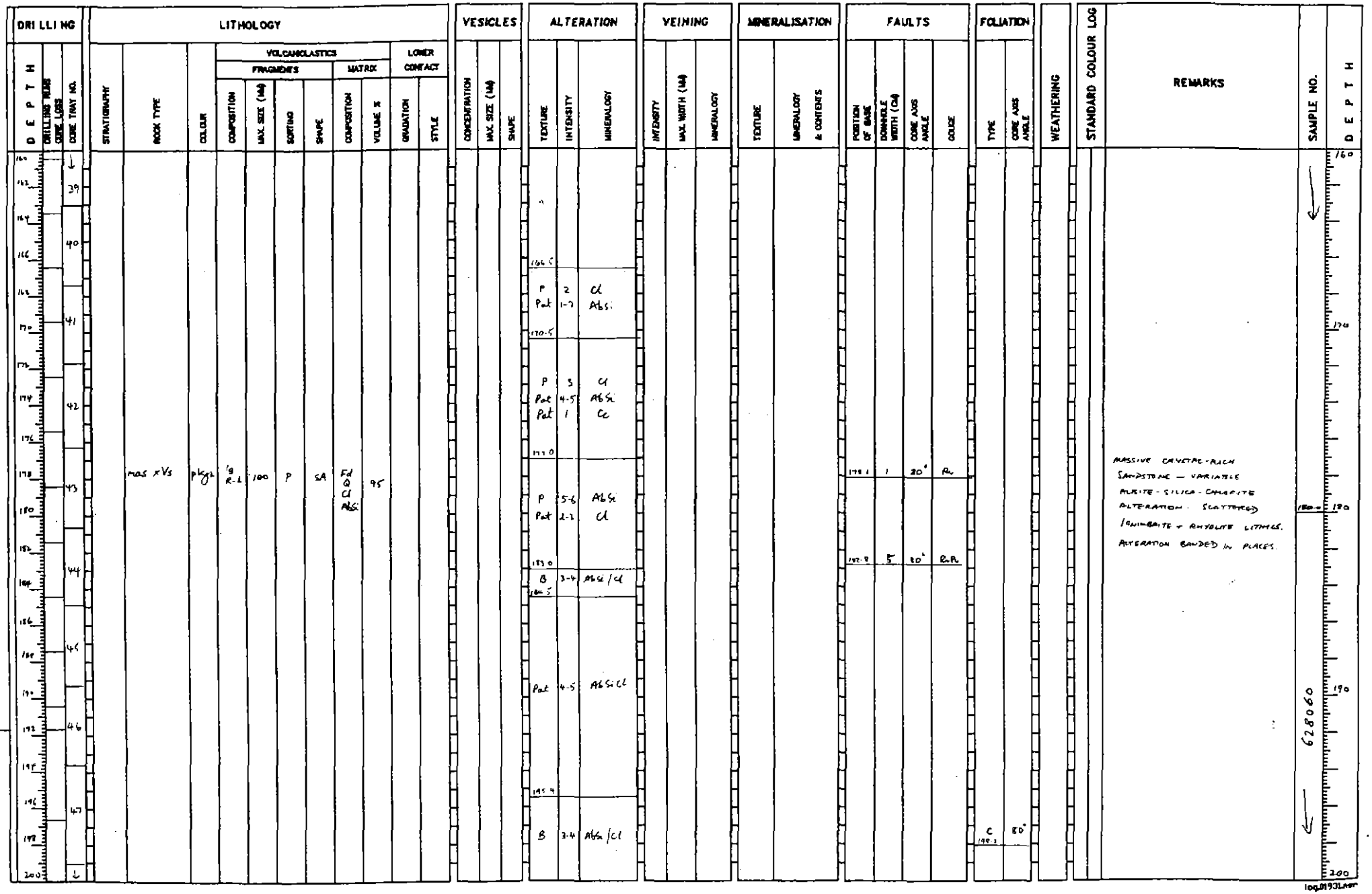
GEO. RH2

DATE 24/3/95

5 cm

DIAMOND DRILL LOG



162228

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC-03

PAGE 6 OF 28

GEO. RHZ

DATE 24/3/95

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY											VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
DEPTH	DRILLING RUNS	CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS: COMPOSITION	FRAGMENTS: MAX. SIZE (MM)	FRAGMENTS: SORTING	FRAGMENTS: SHAPE	VOLCANICLASTICS: MATRIX: COMPOSITION	MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	CORE AXIS ANGLE	OLICE	TYPE	CORE AXIS ANGLE					
200			←																															200
201			42		"													"																
202																		201.0																
203																																		
204			43																															
205																																		205.0
206																																		
207			44																															
208																																		
209					209.2																													
210					mas		lg				Fd							P	5-6	Ab Si														210
211					vs Y-Vs/b	pK	slc	200	P	sA	Ab Si	75						Pat	3	Cl														
212			45				R-l				Q																							
213											Cl																							
214																																		
215																																		
216																																		
217			46																															
218					218.8								S	E				218.8																
219					xVs	gr pK	slc	10	P	sA	Fd	90	G	S																					
220					221.0		R-l				Q																								
221			47				lg																											
222					hm Vs/slt	gr					Fd	95	G	S				P	2	Cl															
223					223.4						Cl							B	1-2	Ab Si/Cl										B4	60°				
224											Ab Si							H	1-2	Ab Si										223.9					
225			48								Mc																							
226					xVs	gr pk	slc	150	P	sA	Fd	80																							
227							R-l				Q																							
228			49				lg				Cl																							
229											Ab Si																							
230					231.3								S	F				231.3								231.5								
231					Fault Breccia													Pat	3	Ab Si Cl							300	75°	Ru Pu					
232			50		234.3								S	F				234.3								234.3								
233																																		230
234					mas Y-Vs/b	pK gr	slc	200	P	sA		Fd	80					P	5	Ab Si															
235			51				R-l					lt						Pat	2	Cl														
236							D-l					Q																						
237							B/A-l																											
238																										238.5	30	45°	Pu Ru					
239																																		
240			↓																															240

Step in fault

Weakly banded xVs/slt with only minor magnetite bands. Thin correlate of magnetite siltstone intervals in NC-01/2.

222.1m HS 627254

231.3-234.3: 3m brittle fault zone. Numerous Pu bands (2-3cm) and broken pieces of fault breccia. Most Pu zone at 65-85° to core axis

SAMPLE NO. 628061 628062

627629

log/d193.emf

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC-03

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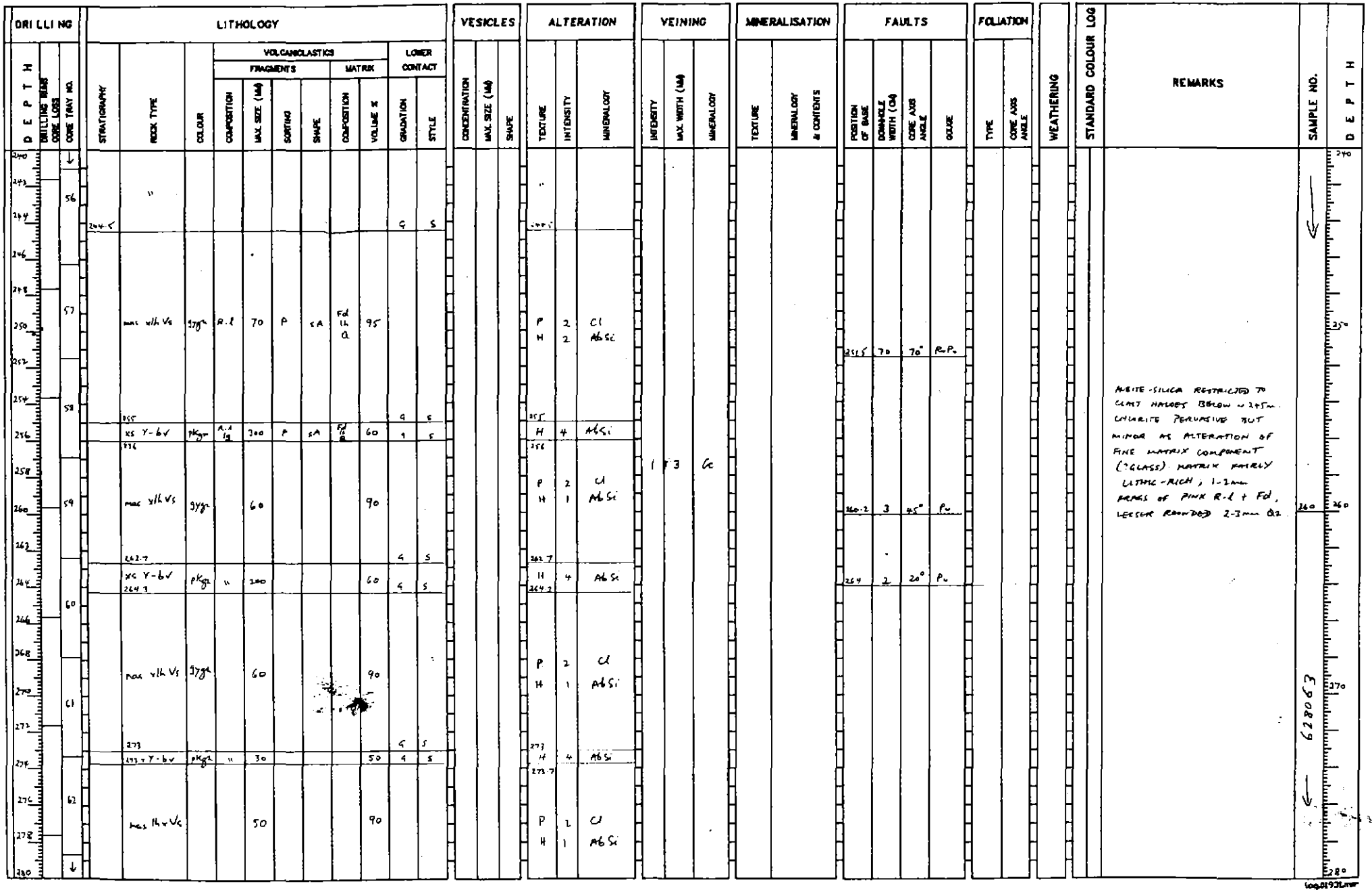
GEO. RHL

DATE 30/3/95

5 cm

DIAMOND DRILL LOG



7622230

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC-03

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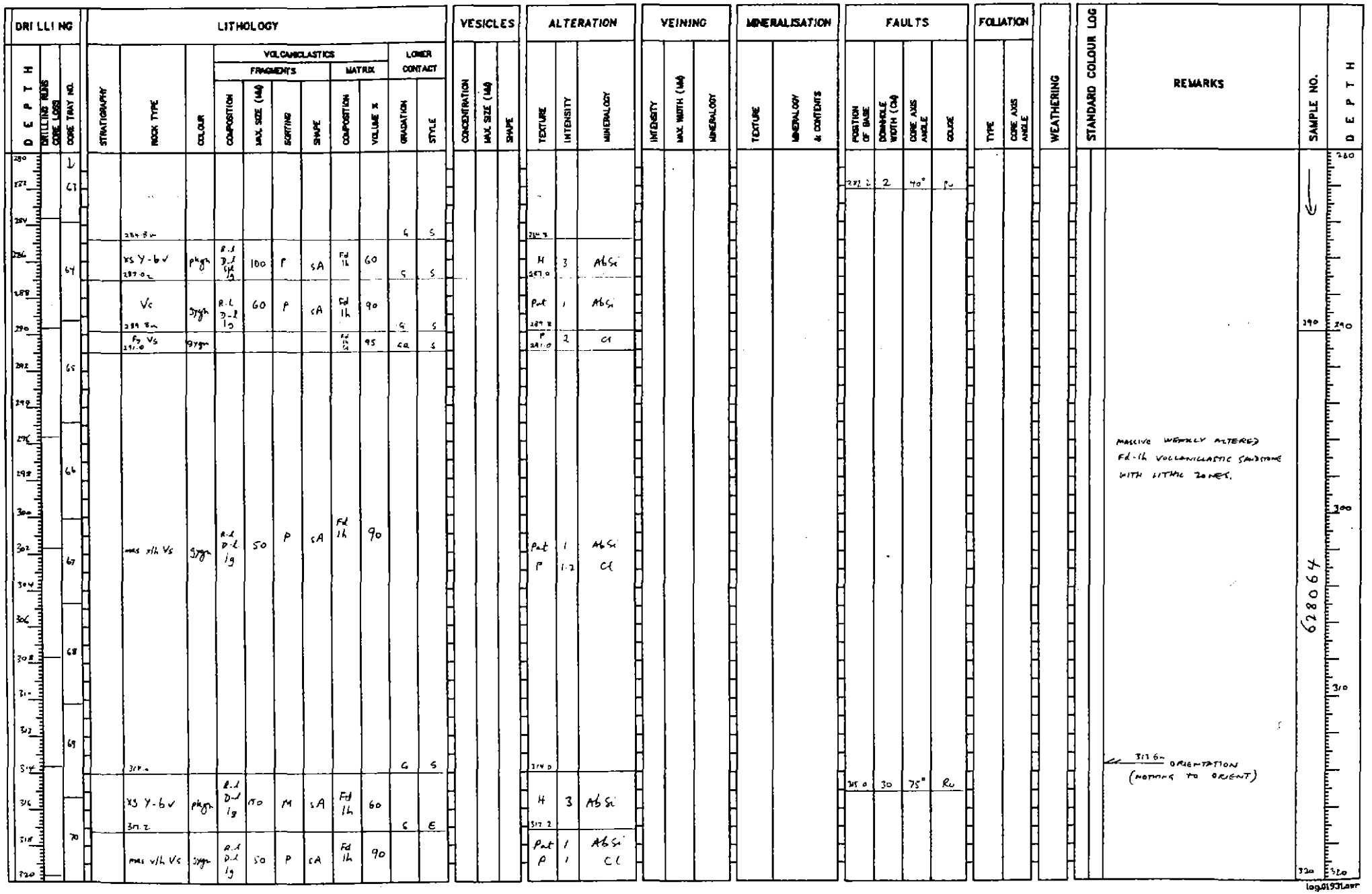
GEO. RHL

DATE 30 / 3 / 95

5 cm

DIAMOND DRILL LOG



1622231

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC-03

PAGE 9 OF 28

GEO. RHL

DATE 30/3/95

5 cm

DIAMOND DRILL LOG

DRILLING				LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
							VOLCANICLASTICS						LOWER CONTACT																						
							FRAGMENTS				MATRIX																								
DEPTH	DRILLING RUNS	CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	COMPOSITION	VOLUME %	GRADATION	STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	TYPE	CORE AXIS ANGLE					
320																																		320
322					"	gr bn											"																	
324			71																															
326					325.0								S	E			325.5									321.7	10	45°	Ru Pv						
328					Ltd grd Vc-Slt	pkgn	lg R-l	4	P	sA	Fd 1L	95					B	2	Ab Cc/Cl																
330			72		328.0								G	S			328									328.4	1	50°	Pv						
332																																		330
334			73																															
336																																		
338					mas Vc	ggy	R-l lg	20	P	sA	Fd 1L	90					P	1	Cl																
340			74																															
342																																		
344																																		
346			75																															
348																																		
350																																		350
352			76		351.5								G	S			351.5																	
					Y-b v	pkgn	R-l lg gd	150	P	sA	Fd 1L	60	G	S			H	2	Ab Si (Cl)																
354					352.8												352.8																	
356			77		mas Vc	ggy	R-l lg	20	P	sA	Fd 1L	85					P	2	Sc Cl																
					357.0								G	S			357.0																	
358																	P	4	Ab Sc															
					Y-b v		lg R-l D-l	200	P	sA	Fd H Q	30					358.5 P	4	Sc Si																
360			↓																															360

962232

log01903.mm

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC-03

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GEO. RH

DATE 4/4/95

5 cm

DIAMOND DRILL LOG

DRILLING: DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME % | LOWER CONTACT: GRADATION, STYLE

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

FOLIATION: TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO. | DEPTH

DEPTH	TRAY	ROCK TYPE	COLOUR	FRAG. COMP.	FRAG. MAX SIZE (MM)	FRAG. SORTING	FRAG. SHAPE	MATRIX COMP.	MATRIX VOL %	LOWER CONTACT GRADATION	LOWER CONTACT STYLE	ALTERATION TEXTURE	ALTERATION INTENSITY	ALTERATION MINERALOGY	VEINING INTENSITY	VEINING MAX WIDTH (MM)	VEINING MINERALOGY	MINERALISATION TEXTURE	MINERALISATION MINERALOGY & CONTENTS	FAULTS POSITION OF BASE	FAULTS DOWNHOLE WIDTH (CM)	FAULTS CORE AXIS ANGLE	FAULTS GOUGE	FOLIATION TYPE	FOLIATION CORE AXIS ANGLE	WEATHERING	SAMPLE NO.
360										S	?	P	4	Se Cc													
361.2												361.2															
362	78																										
364																											
366	79	HA? - Cc(1)	gypp									P	8	Cc													
368																											
370																											
373	80									S	F	373								376.6	1	20°	PvRu				
374		Se Fbx	plgn									P	5	Se Cc													
374.8										S	F	374.8								379.9	180	20°	SeRu				
376	81	mas - Cc	wh/pk																								
378																											
380																				379.6	3	75°	clbv				
380.8										G	A																
382	82	Cc	97PP							G	A																
383.0																											
384		mac. Cc	pkPP																								
385.5										G	A																
386	83	Flu?	9ngy							G	A	385.5	3	Cc													
386.4												386.4															
387.5		Cc(1)	97PP							G	A	387.5	8	Cc													
388																											
390		Y-Vs/b	wlgy	Cc R-E	120 50	P	sA	Fd Q Sc	50			P Dc	4	Se Py				Ds	-1Py								
391																											
392.5	84									S	F	392.5															
393																											
394		lam Cl-Vs	gy							S	S				3	1	Cc	Vt	-2Py					Rd	15°		
395.3												395.3			395.3												
396																											
397	85	mas XVs	5y	Cc	3	M	sA	Fd Q Sc	95			P	3	Se													
398																											
400																											

REMARKS:

100% Cc UNIT - "PSEUDO BRECCIA" TEXTURE OF ROUNDED PURPLE CALCITE CLASTS IN PALE GREEN CALCITIC MATRIX. PURPLE DOMAINS 2-3 CM. • ELONGATE, VERY DISTINCTIVE TEXTURE. (TYPE 1)

366.8m HS 627255

STRONGLY BROKEN FAULT ZONE

MASSIVE WHITE-PINK CALCITE - BRECCIATED • REHEALED BY CALCITE IN PLACES.

CHLORITIC BRECCIA ZONE

dk grey unit - PATCHY CALCITE.

BRECCIA UNIT - MARBLY LAMINATED ANGULAR CALCITE FRAGS IN SERICITIC MATRIX.

389.2m HS 627263

FINE-GRAINED GREY UNIT - CHERT OR SILICEOUS MUDSTONE, LENSES OF XVs SIMILAR TO FOLLOWING UNIT.

SAMPLE NO.: 628067 | 628068 | 628069 | 628070 | 628071 | 628072 | 628073

DEPTH: 360 | 367 | 370 | 373 | 380 | 385.8 | 387.5 | 390 | 392.3 | 400

P 628233

log01931.wrl

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC-03

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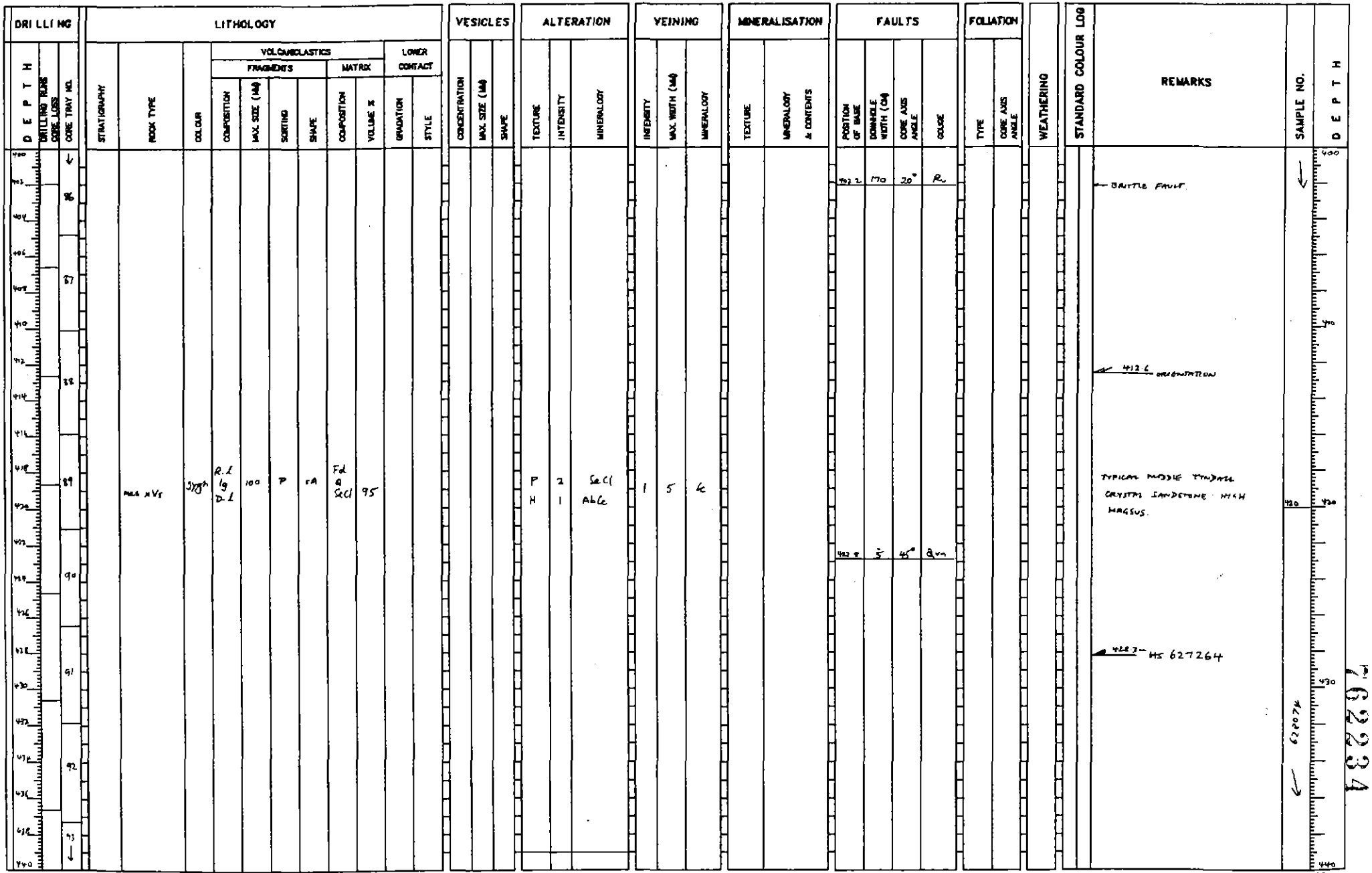
GEO. RHL

DATE 4/4/95

5 cm

DIAMOND DRILL LOG



1622234

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC-93

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GEO. RHL

DATE 4/4/95

5 cm

DIAMOND DRILL LOG

DRILLING — DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY — STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS (COMPOSITION | MAX. SIZE (MM) | SORTING | SHAPE) | MATRIX (COMPOSITION | VOLUME %) | LOWER CONTACT (GRADATION | STYLE)

VESICLES — CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION — TEXTURE | INTENSITY | MINERALOGY

VEINING — INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION — TEXTURE | MINERALOGY & CONTENTS

FAULTS — POSITION OF BASE | ZONE/CLE WIDTH (CM) | CORE AXIS ANGLE | COLOUR

FOLIATION — TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS — SAMPLE NO. — DEPTH

HIGHLY ALTERED.

BRITTLE FAULT ZONE

451m ABRUPT DECREASE IN MAGNETIC SUSCEPTIBILITY

HIGHLY Si Cl Sc ALTERED SEQUENCE

VERY COMPLEX UNIT - HIGHLY ALTERED APPEARS TO BE CLASTS FRAGMENTS IN CRYSTAL RICH MATRIX (y 387.5 - 392.5m). POSSIBLE COARSE GRAINED FROM EROSIONAL BASE TO CLAST FREE Vs TOP.

451.4m HS 627265

464.7m HS 627256

CARBTY FILM - PYRITE LOOKS LIKE SMALL INTERVAL ~ 610m IN NC1 - IMMEDIATELY ABOVE PYRITIC ZONE.

HA-Cc(1) > gywh Cc BRECCIA WITH INTERSTITIAL Py Sc (Cc) CEMENTATION IN PLACES TO Ybv WITH Cc FRAGS.

472m HS 627266

474.2m HS 627257

← CONTAINS < 1m INTERVALS (?CLASTS) OF HA-Cc(1).

SAMPLE 628081 = STANDARD

Log01931.wmf

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC-93

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GEO. RMC

DATE 4/4/95

5 cm

DIAMOND DRILL LOG

DRILLING				LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION						
							VOLCANICLASTICS						LOWER CONTACT																						
							FRAGMENTS				MATRIX																								
DEPTH	DRILLING RUNS	CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	COMPOSITION	VOLUME %	GRADATION	STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	COLOUR	TYPE	CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
480					480												480																		480
481					HM clv/Vs	plgygn	R-l 1-l Cc	20 20 2	?	sR	Fd Si	85	S	F				P	6	Si Se				Ds Ds	Sp ~1% Py ~3% CARBIDE EVH											
482			101														482																		482
483																	P	5	Si Se																483
484																	487.3																		484
485			102														P	6	Si Se Cc																485
486																	489.5									487.3	1	70°	Pu Bn						486
487																	P	4-5	Si Se Cc																487
488																	494.6									489.5	10	45°	Py Pu Bn						488
489			103				R-l Cc	100	P	sA	Si Cc	40	S	F				P Pvt Ds	C-F 4 1	Si Cc Se Py				Ds	3 Py											489
490				ALTERED													500.8									500.8	1	90°	Py Po						490
491																																			491
492			104																																492
493																																			493
494																																			494
495			105																																495
496																																			496
497																																			497
498			106				Cl R-l lg Cc	50	F	sA	Q Cc Cc	70	S	A				Pvt M P	4 4 7	Si Se Py Cc (Hm)				Ds M	~1 Py 1-2 Py											498
499																	509.8									509.8									499
500																																			500
501			107		HM-bv	plgy	Sc	20	M	ca-sA	Si	80	G	A				N M	7 3	Si Se																501
502																	514.6																		502
503					Ibd HM-bv\Cc-Sh	plgy ppgy							G	A				P B	5 5	Si Se Cc				Ds	~1 Py											503
504			108														517.7									517.7									504
505					1cm Cc-Sh	ppgy												Ds	1	Py				Ds	~1 Py											505
506																																			506

REMARKS

480.9m HS 627258

Minor Ds sphalerite

484.6m orientation

ALTERED BRECCIA/SANDSTONE HOST SHALE INTERVALS OF PPGY CALCITE BRECCIA WITH MATRIX PYRITE.

501.8m HS 627267

ORIGINALLY POLYMICT BRECCIA/SANDSTONE. STRONGLY OVERPRINTED BY PURPLE-GREY CALCITE IN LARGE COALESCING NODULES WITH INTERSTITIAL SERICITE & PYRITE. PYRITE IN CALCITE (~10%). VOLCANICLASTIC MATRIX ORIGINALLY CALCITE QUARTZ RICH SANDSTONE DOMAINS NOW HAVE PSEUDO-CALCITE BRECCIA TEXTURE.

511.4m HS 627259

SMALL SCALE FOLDING & Ds CA CONTACT ZONE INTERLEAVED.

e.g.

519.5m HS 627260

SAMPLE NO. | DEPTH

6280.0 | 480
6280.5 | 490
6281.0 | 500
6281.5 | 510
6282.0 | 520

log2193Laser

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC-05

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GEO. RHL

DATE 6/4/95

DIAMOND DRILL LOG

DEPTH	DRILLING RUNS	CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS: COMPOSITION	FRAGMENTS: MAX. SIZE (MM)	FRAGMENTS: SORTING	FRAGMENTS: SHAPE	VOLCANICLASTICS: MATRIX: COMPOSITION	MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	VESICLES: CONCENTRATION	VESICLES: MAX. SIZE (MM)	VESICLES: SHAPE	ALTERATION: TEXTURE	ALTERATION: INTENSITY	ALTERATION: MINERALOGY	VEINING: INTENSITY	VEINING: MAX. WIDTH (MM)	VEINING: MINERALOGY	MINERALISATION: TEXTURE	MINERALISATION: MINERALOGY & CONTENTS	FAULTS: POSITION OF BASE	FAULTS: DOWNHOLE WIDTH (CM)	FAULTS: CORE AXIS ANGLE	FAULTS: GOUGE	FOLIATION: TYPE	FOLIATION: CORE AXIS ANGLE	WEATHERING	REMARKS	SAMPLE NO.	DEPTH
520			↓																																520
523			109		"								S	F				Ds	1	Py															523
526.1																									526.1									
528					HA/clv	bxgn					Q Fd Si	90	S	F				Ds Pot	1 5-7	Py Si ?Ba						526.7	20	45°	P+Si Py	Bx	13°		526 Bx HS 627268 Strongly silica altered in irregular patches - possibly baritic in places.		528
529.2																																			
530			110																							529.3	10	20°	R						530
532					lam Cc-Sh	mgy												Ds	1	Py						531.7	1	27°	Se						532
534			111										G	F											533.9				Rd	27°				534
536.3																													Bx	50°				
536																									536									
538					Cc-FB	dkgy							S	F				Pot	3	Cc Si						537.0									538
539.0			112																							539.3	190	45°	Ru						
540					HA-Cc Si	gywh							S	F				Ds Pot	1 4-6	Py Si Se						541.4	10	45°	S, R, Ru						540
541.6																																			
542					bxd Cc	wht pk							S	F				B	1	Hm						543.4	1	30°	Sch						542
542.4			113																																
544					HA-Cc Si	gywh							C	A				Ds Pot	1 0-5	Py Si Se																544
545.5																									545.5									
546																																			546
548			114		bxd Cc	wht pk							S	F				B	1	Hm															548
550																																			550
552.2																									553.2									
552																										553.6	40	45°	Pu Ru						552
554					HA-Cc Si	gywh							G	A				Dc Pot	1 2-5	Py Si Se																554
554.3			115																																
556																																			556
558					lam Cc-Sh	ppgy												Ds	1	Py															558
560			116																																560

* CORE AXIS ANGLE VARIABLE BUT GENERALLY 0-10°.

log.dl93.Lawr

62933

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC 93

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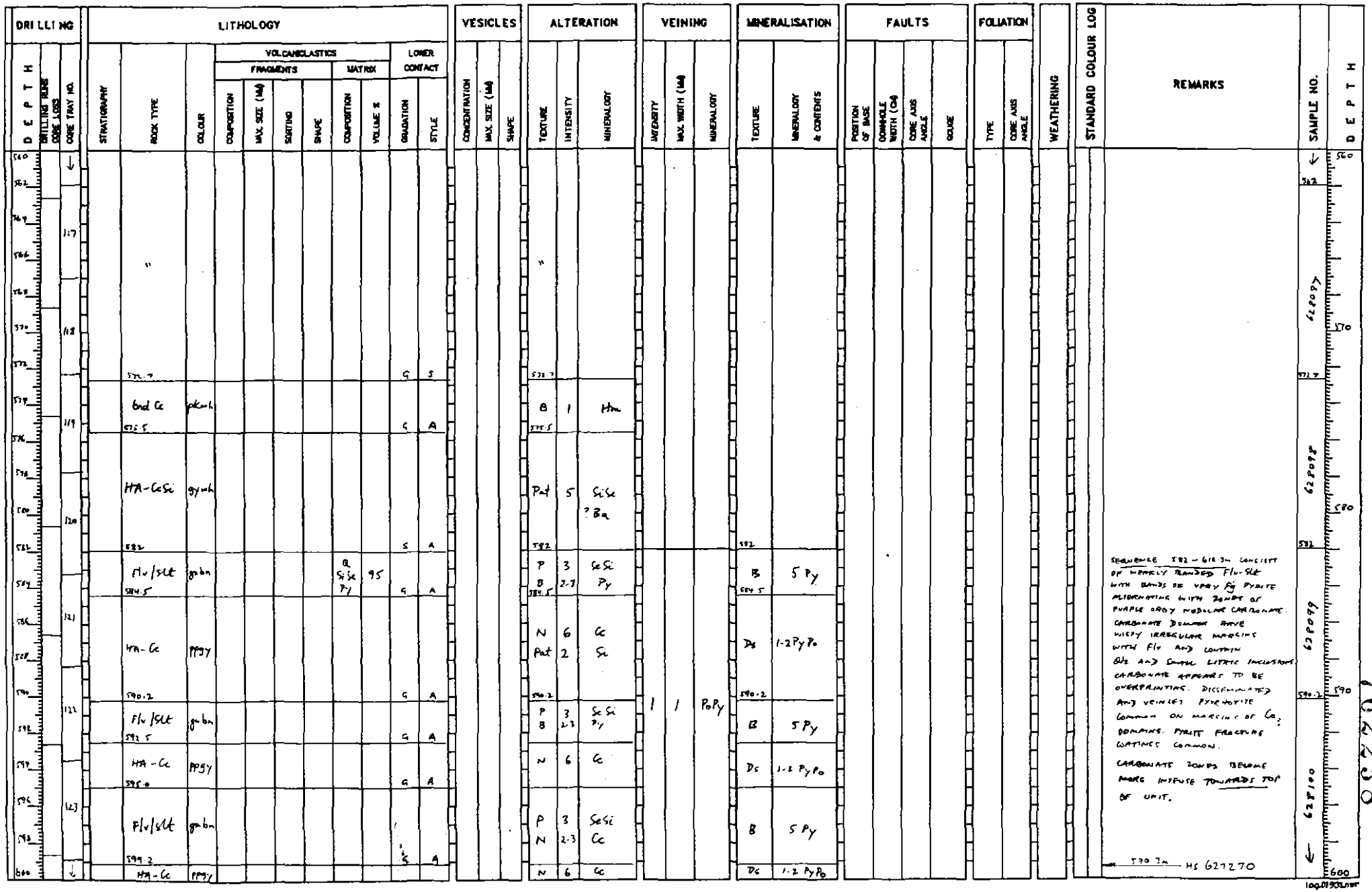
GEO. RHL

DATE 7/4/95

DIAMOND DRILL LOG



1622238

log01955.wor

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. [illegible]

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GEO. RHL

DATE 7/4/95

DIAMOND DRILL LOG

127 RECENTLY LOGGED AS < 128 NUMBERED SEQUENCE

ORIGINAL 127.8

DEPTH	DRILLING RUNS	CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	LITHOLOGY: VOLCANICLASTICS FRAGMENTS: COMPOSITION	FRAGMENTS: MAX. SIZE (MM)	FRAGMENTS: SORTING	FRAGMENTS: SHAPE	MATRIX: COMPOSITION	MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	VESICLES: CONCENTRATION	VESICLES: MAX. SIZE (MM)	VESICLES: SHAPE	ALTERATION: TEXTURE	ALTERATION: INTENSITY	ALTERATION: MINERALOGY	VEINING: INTENSITY	VEINING: MAX. WIDTH (MM)	VEINING: MINERALOGY	MINERALISATION: TEXTURE	MINERALISATION: MINERALOGY & CONTENTS	FAULTS: POSITION OF BASE	FAULTS: DOWNHOLE WIDTH (CM)	FAULTS: CORE AXIS ANGLE	FAULTS: GOUGE	FOLIATION: TYPE	FOLIATION: CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
600					600.5								C	A																						600
601			124		Flv / Glt	gn-bn PP												P	3	Ser Si				B	5 Py											601
604																		N	4-6	Cc				Ds	Po											604
606		0.5																B	1-2	Py																606
608																		Ds	1	Py																608
610																																				610
612			126																																	612
614					613.8								G	A				613.8																		614
616					HA - Cc	PP gy												N	6	Cc				Ds	1 Py											616
618			127		616.6 Pl-Flt	gn-bn												616.6						618.3													618
620					618.3 HA - Si	gy-wh												P	7	Si																	620
622			128		621 HA - Si/Cc	lt gy-wh												621 Pat	5	Si																	622
624					624.7													B	6	Cc	4	15	Cc													624
626					625.9 vVs	gn-wh					Fd GGC	95	S	F				624.7 Pat	3	Si Cc						625.9	2	30°	Fu							626
628			129		Y-bv	gy PP	Ch Sdy R.f Cc	30	M	SA	Fd Q Sic	20	S	E				P	4-5	Si Cc				Dc	1-3 Py	627.3	1	30°	Fu, Ru							628
630					629.0													Dc	1	Py																630
632			130		Y-bv	gy-gn	Ch Sdy R.f Cc	30	M	SA	Fd Q Sic	10	S	E				631.8 Dc	7	Sic Py																	632
634					633.0													B	1-2	Py																634
636			131		Py-Ch	gy							G	A				634.8 P	4-5	Si				638.3 Dc	2 Py											636
638					638.0 Y-bv	PP gy	Ch Sdy R.f Cc	20	M	SA	Fd Q	10	C	A				639.0 P	7	Si				639 Dc	1 Py											638
640					640.0 HA - Si	PP gy												640.0						640													640

618.3 – 624.7m VERY COMPLEX AND HIGHLY ALTERED. RAPID SMALL SCALE VARIATIONS IN ALTERATION STYLE / INTENSITY. PROBABLY A BRITTLE-DUCTILE SHEAR ZONE. MICRORIENTATION OF BLOCKS – STRONG VEINING.

CLAST SUPPORTED EILICIFIED BRECCIAS MOSTLY DERIVED. INCREASING SILICIC ALTERATION TOWARDS BASE. 30-40 cm PYRITIC CHERT ZONES – MAY BE LARGE CLASTS

627.7m HS 617271

PYRITIC CHERT VERY SIMILAR TO CHERTY ZONE MEDIA IN HC-01 (SEALED) AT 658.7m

SAMPLE NO.: 62P101, 62P102, 62P103, 62P104, 62P105, 62P106, 62P107, 62P108, 62P109, 62P110

7622239

log01938.wor

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EXPLORATION DIVISION

HOLE No. [illegible]

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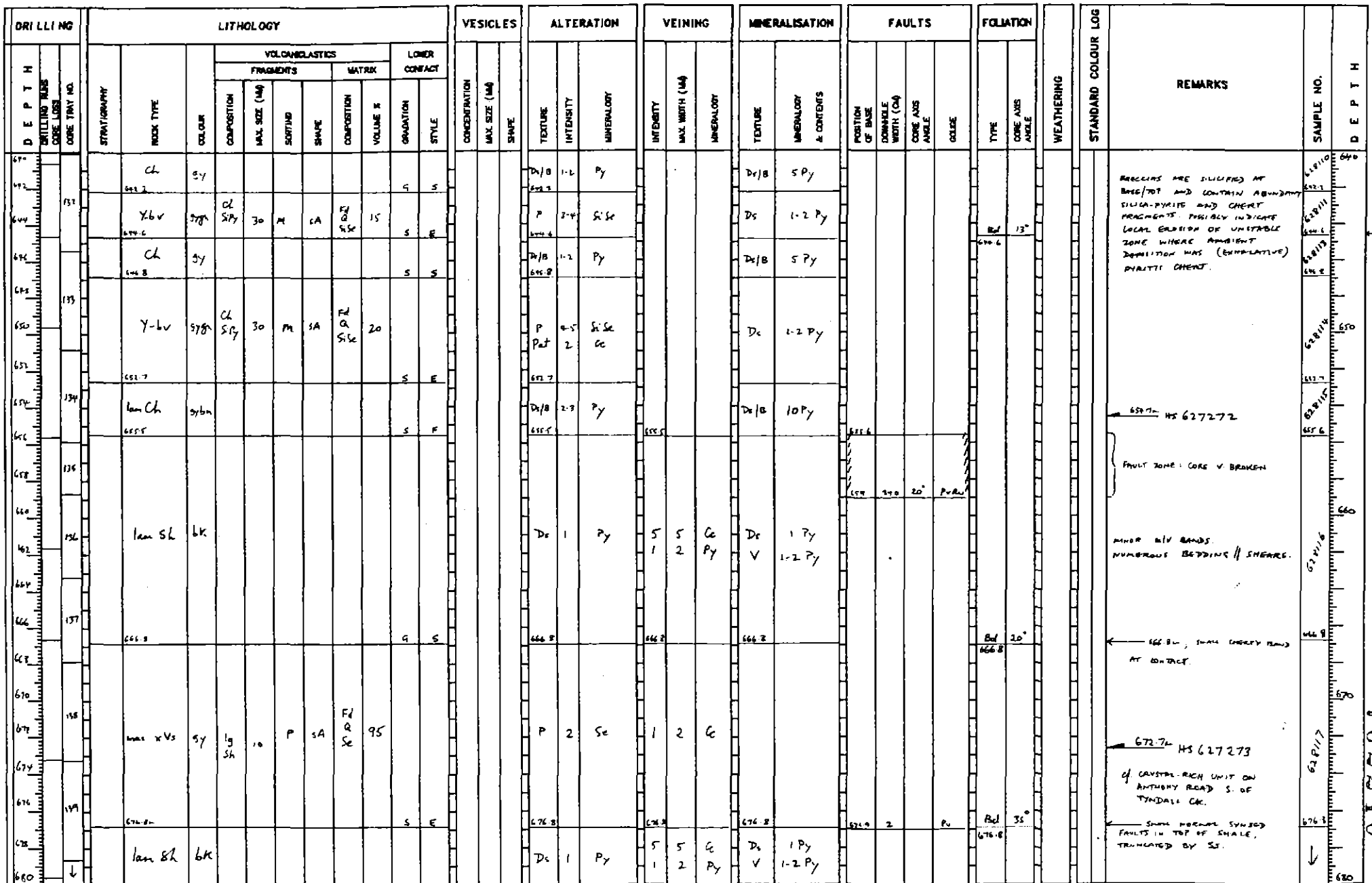
GEO. RHL

DATE 7/4/95

DIAMOND DRILL LOG


DRILLING
DEPTH
DRILLING RUNS
CORE LOSS
CORE TRAY NO.
LITHOLOGY
STRATIGRAPHY
ROCK TYPE
COLOUR
VOLCANICLASTICS
FRAGMENTS
COMPOSITION
MAX. SIZE (MM)
SORTING
SHAPE
MATRIX
COMPOSITION
VOLUME %
LOWER CONTACT
GRADATION
STYLE
VESICLES
CONCENTRATION
MAX. SIZE (MM)
SHAPE
ALTERATION
TEXTURE
INTENSITY
MINERALOGY
VEINING
INTENSITY
MAX. WIDTH (MM)
MINERALOGY
MINERALISATION
TEXTURE
MINERALOGY & CONTENTS
FAULTS
POSITION OF BASE
DOWNHOLE WIDTH (CM)
CORE AXIS ANGLE
GOUGE
FOLIATION
TYPE
CORE AXIS ANGLE
WEATHERING
STANDARD COLOUR LOG
REMARKS
SAMPLE NO.
DEPTH
Ch
Y-bv
lam Ch
lam Sh
lam Sh
Py
Si Se
Py
Py
Se
Py
Py
Py

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EXPLORATION DIVISION

HOLE No. NC-93

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GEO. RH2

DATE 11/4/95

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION						
						VOLCANICLASTICS						LOWER CONTACT																						
						FRAGMENTS				MATRIX																								
DEPTH	DRILLING RUNS / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	COMPOSITION	VOLUME %	GRADATION	STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	TYPE	CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
680		1																																680
681				"												"			"			"		681.7	30	20°	Ru Cc					numerous bedding // contacts.		
684		2																														Rare thin clv bands & shale intraclasts.		
686																								686.5	20	20°	Ru Cc							
688																687.9			687.9			687.9						Bd 687.9	20°			30 cm chert interval hosts shale. Brittle fault zone.		
690		3														P 689.6	4	Se						689.6	170	20°	Ru Pu							
691																P 691	5	Se Si																
692																P 692.5	6	Si Se														Breccia clean + clast supported.		
694																P 694.5	4	Se Si																
696		4		Y-bv	mdgn	R, L, Ca, HA-G, Cc, Sh	30	M	SA	Si	30					P 696.5	6	Si Se						696.5										
698																Ds 698	1	Py														← Int Ep alteration		
700																Pat 699	4-6	Cc						698.7	1	20°	Pu					Breccia and underlying HA-breccia contains locally abundant carbonate frags. Chaotic unit - due to erosion + slumping of underlying carbonate and mixing with siliceous detritus. 'Melange' complex.		
701		5																						701.2	1	25°	Se							
702																																		
704																																		
706																																		
708																																		
				Cc-b 709.6	mdpp	Cc						G	S			P 709.6	6	Cc (Hbl)																
710				Bd mlv/dv 711.5	gn	Cl, Sl, Sil, Cc	20	M	SA-SR	Si, Sil, Cc	70	G	S			P 711.5	4	Si Se						711.5										
712		6																																
714																B 713	5	Cc Cl Se																
716		7		HA-Cc Cl Se	grnish											Ds 716	1	Py																
718																Pat 717	3-4	Si																
720		↓																																720

713.6m HS 627276

711m HS 627275

Undulose to banded and irregular white carbonate (calcite + dolomite) with chlorite-sericite. May be disrupted top of banded carbonate below.

627241

627111 627112 627113 627120 627121 627122

log0193.wor

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EXPLORATION DIVISION

HOLE No. NC-[illegible]

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GEO. RHL

DATE 11/4/95

DIAMOND DRILL LOG

DRILLING | LITHOLOGY | VESICLES | ALTERATION | VEINING | MINERALISATION | FAULTS | FOLIATION | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

DEPTH | DRILLING RUNS / CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS (FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME %) | LOWER CONTACT: GRADATION, STYLE

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | ODOUR

FOLIATION: TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO. | DEPTH

DEPTH	CORE TRAY NO.	ROCK TYPE	COLOUR	ALTERATION: TEXTURE / INTENSITY / MINERALOGY	MINERALISATION: TEXTURE / MINERALOGY & CONTENTS	FAULTS: POSITION OF BASE / DOWNHOLE WIDTH (CM) / CORE AXIS ANGLE / ODOUR	FOLIATION: TYPE / CORE AXIS ANGLE	LOWER CONTACT: GRADATION / STYLE
720	↓							
723.0	148	HM-GrClSe	w	N-B 5-6 GrGrCl F 5 GrSe Dk 1 Py.	Ds 1-2 Py.	721.4 20 25° Sm.Rx	C 15° 731.0	
724								
726	149					721.7 5 25° Sm.Rx		
728								
729.0					729.0			G A
730	150	Brd - Cc	pkgrn	B 3 HmGrCl			C 17° 730.4	
732								
734.9								G A
736	151							
738								
740								
742	152	mas sty Cc	wh					
744								
746								
748	153							
750								
752	154							
754.7					754.7			G A
756	155	mas Cc	pkwh	D1 1 Hm				
758	↓							
758.8		bd Sh/Slt				758.8 90°		S F
760								

REMARKS:

724.5m HS 627277

CALCITE - SERICITE CHLORITE GANGUE. (72.342)

CA = 17°

RAD/AZ = 265° 17°

DOWN HOLE VIEW

FEATURE APEX

736.6m ORIENTATION (SURVEY 730m Az = 260° Dip = -84°)

ALMOST PURE WHITE STYLOLITIC CALCITE.

747.4m HS 627274

FAULTED CONTACT KNIFE SHARP. UNDERLAIN BY 40CM PVC ZONE.

SAMPLE NO.: 627277 | 627276 | 627274

DEPTH: 720 | 730 | 740 | 750 | 760

log01971.wmf

762249

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HOLE No. NC-95-[illegible]

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GEO. RHL

DATE 11/4/95

DIAMOND DRILL LOG

DRILLING: DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION | MAX. SIZE (MM) | SORTING | SHAPE; MATRIX: COMPOSITION | VOLUME % | LOWER CONTACT: GRADATION | STYLE

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

FOLIATION: TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO.

DEPTH

DEPTH	CORE TRAY NO.	ROCK TYPE	COLOUR	ALTERATION: TEXTURE	INTENSITY	MINERALOGY	MINERALISATION: TEXTURE	MINERALOGY & CONTENTS	FAULTS: POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	FOLIATION: TYPE	CORE AXIS ANGLE
760														
761	156													
764													Bd	11°
									764.2				764.3	
766	157													
									767.4	70	10°	PuRu		
768														
770	158												Bd	12°
													769.8	
772														
774	159												Bd	18°
													774.9	
776		thcl SL/stst	bkGY	Ds	i	Py	Dis	Py 1-2	777	50	60°	RRR		
778	160													
													Bd	14°
780													780.1	
782	161													
784													Bd	-2°
													784	
													Bd	39°
786													786.2	
788	162													
790													Bd	44°
													789.8	
792	163													
794													Bd	<10°
													795.0	
796	164													
798														
800														

MAJOR FAULT ZONE
775.8 - 784.2m (5.4m DH).
SHARP & PLAT AT TOP
- VERY SHEARED / BROKEN BELOW
PROBABLY A THRUST.

THINLY LAMINATED 1-2 cm
SHALE - SILTSTONE. STRONGLY FOLDED
AND FAULTED. BECOMING MORE
CARBONATE - RICH TOWARDS
BASE.

FOLDS ARE BOX-STYLE
LONG LIMBS SUB-// TO CA
WITH FOLD CLOSURES OF
10 - 30 cm ⊥ TO CA.

CORE MODERATELY TO
STRONGLY BROKEN THROUGHOUT
WITH BEDDING // SHEARING
IDENTIFIABLE FAULT ZONES
(Rd/Rubble) AS INDICATED

SAMPLE NO. 42429 — 42430

log01901.wor

10224

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EXPLORATION DIVISION

HOLE No. NC-64

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GEO. RHP

DATE 25/4/75

DIAMOND DRILL LOG

DRILLING | LITHOLOGY | VESICLES | ALTERATION | VEINING | MINERALISATION | FAULTS | FOLIATION | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME % | LOWER CONTACT: GRADATION, STYLE

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | COLOUR

FOLIATION: TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO. | DEPTH

DEPTH	CORE TRAY NO.	ROCK TYPE	ALTERATION: TEXTURE / INTENSITY / MINERALOGY	MINERALISATION: TEXTURE / MINERALOGY & CONTENTS	FAULTS: POSITION OF BASE / DOWNHOLE WIDTH (CM) / CORE AXIS ANGLE / COLOUR	FOLIATION: TYPE / CORE AXIS ANGLE	REMARKS
800	165					Bdl 45°	
801						800 8	
802		Bor 5	Bor 5		Bor 5 10 70° Py/Ru	Bdl 30°	Bor 9m 10 cm QUARTZ/PYRITE VEIN
803						Bor 2	FOLD CLOSURE.
804	166					Bdl 19°	
805						Bor 5	
806							(INTERBEDDED) 5-15 cm CALCITE
807							AND SILTY/SILTSTONE.
808							(~ 20% CARBONATE).
809	167					Bdl 15°	CARBONATE BANDS MAKE ~5%
810						810 0	BANDED PYRITE (SOME PLANAR)
811							
812							
813	168						
814							
815							
816							
817				Ds Cr 1-2 Py			
818		46.4 m Silt/Sst		B(Cc) 5 Py			
819							
820	169		D2 1 Py			Bdl 10°	820.4m ORIENTATION
821			B 1-2 Py			820 9	CORE AXIS = 10°
822			B 2-4 Cc				RADIAL = 0°
823							
824							DH
825	170						~10° DOWNHOLE VIEW OF FRACTURE APEX
826							
827							
828						Bdl 15°	
829						829 0	
830	171						
831							
832							
833							
834							
835	172						
836						Bdl 12°	
837						837 0	
838							
839							
840							

SAMPLE NO.: 62 8129 → 62 8134 → 62 8139

DEPTH: 800 | 810 | 820 | 830 | 840

log8193Laser

6028441

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EXPLORATION DIVISION

HOLE No. NC-03

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GEO. RHZ

DATE 25/4/95

DIAMOND DRILL LOG

DRILLING | DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY | STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME % | LOWER CONTACT: GRADATION, STYLE

VESICLES | CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION | TEXTURE | INTENSITY | MINERALOGY

VEINING | INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION | TEXTURE | MINERALOGY & CONTENTS

FAULTS | POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

FOLIATION | TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880

CORE TRAY NO.: 173 174 175 176 177 178 179 180 181

856.2 — HS 617278 (MESOSCOPIC ANTICLINE CHANGE IN VERGENCE)

861.5 — (SYNCLINE)

865

628/81

C5229 J

log01931.mm

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EXPLORATION DIVISION

HOLE No. NC 03

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GEO. RHL

DATE 25/4/95

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
						VOLCANICLASTICS						LOWER CONTACT																					
						FRAGMENTS				MATRIX																							
DEPTH	DRILLING RUNS CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	COMPOSITION	VOLUME %	GRADATION	STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	TYPE	CORE AXIS ANGLE				DEPTH
880																																	880
882		182																															
884																																	
886		183																															
888																																	
890		184																															890
892																																	
894																																	
896		185																															
898																																	
900																																	900
902																																	
904		186																															
906				906.0m								5	5				906.0																905
908																																	
910		187																															910
912				mas Ss (mic lbd sh)	GY	Q, Fd,	1	G	sR	Sc	10																							
914																																	
916		188																															
918																																	
920																																	920

WEST FACING

881.6L HS 627279 (FOLDS)

882.5 SYNCLINE CORE

EAST FACING

889.6 ORIENTATION

TRANSITION OVER 3-4m TO MASSIVE CRYSTAL-RICH WELL-SORTED SANDSTONE ± THIN SILTSTONE/SHALE INTERBEDS.

MINOR PYRITIC BANDS/VEINLETS

LITTLE CARBONATE

GRADING + SOLE MARKS INDICATE UP HOLE FACING. INDIVIDUAL BEDS ↑ 10m THICK.

628/32

Log01931.mvr

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EXPLORATION DIVISION

HOLE No. NC[illegible]

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GEO. RITZ

DATE 25/4/95

DIAMOND DRILL LOG

DRILLING | DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY | STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME %; LOWER CONTACT: GRADATION, STYLE

VESICLES | CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION | TEXTURE | INTENSITY | MINERALOGY

VEINING | INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION | TEXTURE | MINERALOGY & CONTENTS

FAULTS | POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

FOLIATION | TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO. | DEPTH

DEPTH	CORE TRAY NO.	FOLIATION TYPE	FOLIATION CORE AXIS ANGLE
920			
922	189		
924			
926		Bd	50°
927.3			
928	191		
930		Bd	30°
932.5			
934			
936	193	Bd	44°
937.8			
940			
942			
944		Bd	52°
944.3			
946	197		
948		Bd	50°
948			
950			
952	199	Bd	50°
952			
954			
956			
958			
960	196		

SAMPLE NO. 628/32

DEPTH 920 730 940 950 960

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1962241

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC-03

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GEO. RITZ

DATE 27/4/95

DIAMOND DRILL LOG

DRILLING | DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY | STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME % | LOWER CONTACT: GRADATION, STYLE

VESICLES | CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION | TEXTURE | INTENSITY | MINERALOGY

VEINING | INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION | TEXTURE | MINERALOGY & CONTENTS

FAULTS | POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

FOLIATION | TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO. | DEPTH

DEPTH	ROCK TYPE	COLOUR	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	FOLIATION: TYPE	FOLIATION: CORE AXIS ANGLE	REMARKS	SAMPLE NO.
960								
962								
964								
966								
968								
968.0			C	S				
970								
972								
974								
976								
978								
980	ilid Sc.Sst-Sl	gy						
982								
984								
986								
988								
990								
992								
992.0			C	S				
994								
996	mac Sc	gy						
998								
999.0								
1000								

TYPE: CA 76° 4

CORE AXIS ANGLE: 70° | 50° | 75° | 30° | 45° | 90°

EAST DIPPING

979.6m ORIENTATION

CHANGE IN VERGENCE

WEST DIPPING

ABUNDANT SMALL-SCALE FOLDING

ALTERNATING WEST/EAST DIPS

SAMPLE NO.: 985 | NC 03

DEPTH: 960 | 970 | 980 | 990 | 1000

7622248

log.01931.swf

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EXPLORATION DIVISION

HOLE No. NC-83

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GEO. RMC

DATE 27/4/75

DIAMOND DRILL LOG

DRILLING | LITHOLOGY | VESICLES | ALTERATION | VEINING | MINERALISATION | FAULTS | FOLIATION | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS (FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME %) | LOWER CONTACT: GRADATION, STYLE

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

FOLIATION: TYPE | CORE AXIS ANGLE

1007.5

mac Ss — gy

1016.0

lbd Gr-Wk-Ss — gy

Qz 90° 1001.1

Qz 60° 1014.6

Qz 70° 1018.7

Qz 72° 1022.

STRONGLY FOLDED: WEAK-DEVELOPED SPACED CLEAVAGE.

1025

← CORE

SAMPLE NO. ↓

DEPTH 1000 1010 1020 1030 1040

76249

log01931.asm

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. KC-93

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GEO. RHZ

DATE 28/4/95

DIAMOND DRILL LOG

DRILLING

DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY

STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME % | LOWER CONTACT: GRADATION, STYLE

ROCK TYPE: 1051.0

VESICLES

CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION

TEXTURE | INTENSITY | MINERALOGY

VEINING

INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION

TEXTURE | MINERALOGY & CONTENTS

FAULTS

POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE
1050.5			
1051	4.50	5-10°	Ru

FOLIATION

TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

BEDDING FLAT LYING WITH NUMEROUS MESOSCOPIC FOLDS AND WELL DEVELOPED CLEAVAGE ⊥ to CA

STEEP NEAR VERTICAL FAULT WITH STRIKE SLIP STRIATIONS

SAMPLE NO. | DEPTH

1065' → 95829 →

1050 | 1060 | 1070 | 1080

log\1931.swr

762250

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EXPLORATION DIVISION

HOLE No. RIC-85

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GEO. RHZ

DATE 28/4/95

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
DEPTH	DRILLING RUNS	CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS: COMPOSITION	FRAGMENTS: MAX. SIZE (MM)	FRAGMENTS: SORTING	FRAGMENTS: SHAPE	MATRIX: COMPOSITION	MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	TYPE	CORE AXIS ANGLE	WEATHERING				
1080																																	1081	1080
1082					60H.																													
1084																																		
1086																																		
1088																																		
1090																																		1090
1092																																		
1094																																		
1096																																		
1098																																		
1100																																		1100
1102																																		
1104																																		
1106																																		
1108																																		
1110																																		1110
1112																																		
1114																																		
1116																																		
1118																																		
1120																																		1120

log01931.wor

76225 1

Aberfoyle Resources Limited

EXPLORATION DIVISION

GRID #s : 625301-391 (
LTS #s 627298, 623909-916 ( )

HOLE No. NC4
PAGE 1 OF 8
GEO. RHL
DATE 15/8/95

DIAMOND DRILL LOG

HQ

DEPTH	DRILLING RUNS	CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	LITHOLOGY: VOLCANICLASTICS FRAGMENTS COMPOSITION	FRAGMENTS MAX. SIZE (MM)	FRAGMENTS SORTING	FRAGMENTS SHAPE	MATRIX COMPOSITION	MATRIX VOLUME %	LOWER CONTACT GRADATION	LOWER CONTACT STYLE	VESICLES CONCENTRATION	VESICLES MAX. SIZE (MM)	VESICLES SHAPE	ALTERATION TEXTURE	ALTERATION INTENSITY	ALTERATION MINERALOGY	VEINING INTENSITY	VEINING MAX. WIDTH (MM)	VEINING MINERALOGY	MINERALISATION TEXTURE	MINERALISATION MINERALOGY & CONTENTS	FAULTS POSITION OF BASE	FAULTS DOWNHOLE WIDTH (CM)	FAULTS CORE AXIS ANGLE	FAULTS GOUGE	FOLIATION TYPE	FOLIATION CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
2					NO CORE 2.7m													2.7m		NO CORE																	2.7
4			1																																			
6																																						
8							lg R-1 SCt	100	M	sA	Q Fd	30						P	4-5	Abs																		
10			2	Cyprus	Y-bV	pkgn												Pat	2-3	Cl							9.5	10	30°	Ru Pu			5				
12																																	10.7					
14			3																																3			
16																																						
18			4		17.4								G	D																			17.3					
20					xVs 20.5	gh	R-1 SCt	15	P	sA	Fd Q	90	S	S				P	1-2	Cl																		
22			5	Ophiolite	Fn/SCt	pkgn					Mod Kt		S	D				20.6 B	2-3	Abs													B	45°				
24					23.0 xVs	dkgn pk	lg R-1	20	P	sA	Fd Q	90	S	F				21.0 H	1-2	Abs Cl													20.8					
26			6		26.9													P	1	Cl							26.9	1	70°	Ru							
28					xVs/SCt	pkgn					Fd Mt		G	D				26.9 B	1-3	Abs Cl												C	50°				
30			7		28.5 xVs	dkgn pk	lg R-1 SCt	80	P	sA-A	Fd Q	90						28.5 H	1-3	Abs											28.0						
32																		P	1-2	Cl																		
34																																						
36			8																																			
38			9																																			
40			↓																																			

- BANDED ME-RICH SILSTONE UNIT.
- CRYSTAL SUPPORTED UNIT HAVE ROUNDED 1-3mm QUARTZ GRAINS
- PROBABLY GRADED TOP OF UNIT BELOW.

SAMPLE NO.: 625301, 625302, 625303

29291

log/0193Layo

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EXPLORATION DIVISION

HOLE No. NC4

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GEO. RHZ

DATE 15/8/95

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
DEPTH	DRILLING RUNS / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS: COMPOSITION	FRAGMENTS: MAX. SIZE (MM)	FRAGMENTS: SORTING	FRAGMENTS: SHAPE	MATRIX: COMPOSITION	MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (DH)	CORE AXIS ANGLE	GOUGE	TYPE	CORE AXIS ANGLE					
40																																		
42		10		"								5	IR				"																	
				42.4													42.4																	
44																																		
46																	Pat	1-3	Ab Si															
48		11															P	1-2	Cl															
50																																		
52		12															52.0																	
54																																		
56		13																																
58				× Vs	grey pk	R.1 lg Slt	100	P	sA-sR	Fd Q	85						Pat	1	Ab Si																
60		14															P	1	Cl															
62																									61.0	10	45°	Au			61.0			
64		15																													2			
66																																		
68																	66.0														67.2			
70		16															H	1	Ab Si															
72																	P	1	Cl															
74		17																																
76																	77.0																	
78		18															↓																	
80																																		

MINERALISATION	
TEXTURE	MINERALOGY & CONTENTS
77.0	
FR	Py <1%
79.0	

REMARKS

- 10 cm grey Slt/mV unit eroded by overlying VVc.
- massive, structureless unit ? zones of coarse frag. accumulation but no distinctive bedding. carbonate alt. increases downhole.
- Pyritic fracture coatings

SAMPLE NO. / DEPTH

625304 — 55.0
625305 — 60.0
625306 — 70.0
80.0

76929 53

log01901.wor

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EXPLORATION DIVISION

HOLE No. NC4

PAGE 3 OF 8

GEO. RHZ

DATE

DIAMOND DRILL LOG

DEPTH	DRILLING RUNS / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	LITHOLOGY: VOLCANICLASTICS — FRAGMENTS: COMPOSITION	FRAGMENTS: MAX. SIZE (MM)	FRAGMENTS: SORTING	FRAGMENTS: SHAPE	MATRIX: COMPOSITION	MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	VESICLES: CONCENTRATION	VESICLES: MAX. SIZE (MM)	VESICLES: SHAPE	ALTERATION: TEXTURE	ALTERATION: INTENSITY	ALTERATION: MINERALOGY	VEINING: INTENSITY	VEINING: MAX. WIDTH (MM)	VEINING: MINERALOGY	MINERALISATION: TEXTURE	MINERALISATION: MINERALOGY & CONTENTS	FAULTS: POSITION OF BASE	FAULTS: DOWNHOLE WIDTH (CM)	FAULTS: CORE AXIS ANGLE	FAULTS: GOUGE	FOLIATION: TYPE	FOLIATION: CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
90				"													Pat	2-3	Ab Si Ca																	80
92		19															P	1-2	Cl																	
94		20																																	
96		21																		90.0															
98		22																		1	20	Qcl													
100		23																		1	5	QEp													100
102		24																		2	5	QCa													
104																																			
106				Y-bv	pk	a.l	250	P	SA	Grd	20	G	S							97.0															
108		25		xVs	gr							S	F				Pat	1	Ab Si	101															
110				Y-clv	sygn	a.l Ca						G	S				P	1	Cl																	
112		26		Ca-clv	sypp	Ca						G	S																							
114				Y-clv	sy	a.l Ca						G	S				P	2-5	Si Ca						108.4	20	40°	Ru	5	40°					110
116		27		slt	sypk							G	S				Pat	1-3	Si						114.6	10	80°	Ru							
118		28		mlv	sypp							G	S				Ds	1	Hm						115.3	30	20°	P-Ru							
120		↓		↓																															120

2m OF BROKEN CORE

CORE MODERATELY SHD T BROKEN 113-123 m

COMPLEX, FAULTED SEQUENCE OF CHLORITIC, LOCALLY CARBONATE RICH BRECCIAS, PROBABLY SLUMP DEPOSITS (of NC9)

SAMPLE NO.: 625307 | 625308 | 625309 | 625310

F162954

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HOLE No. NC4

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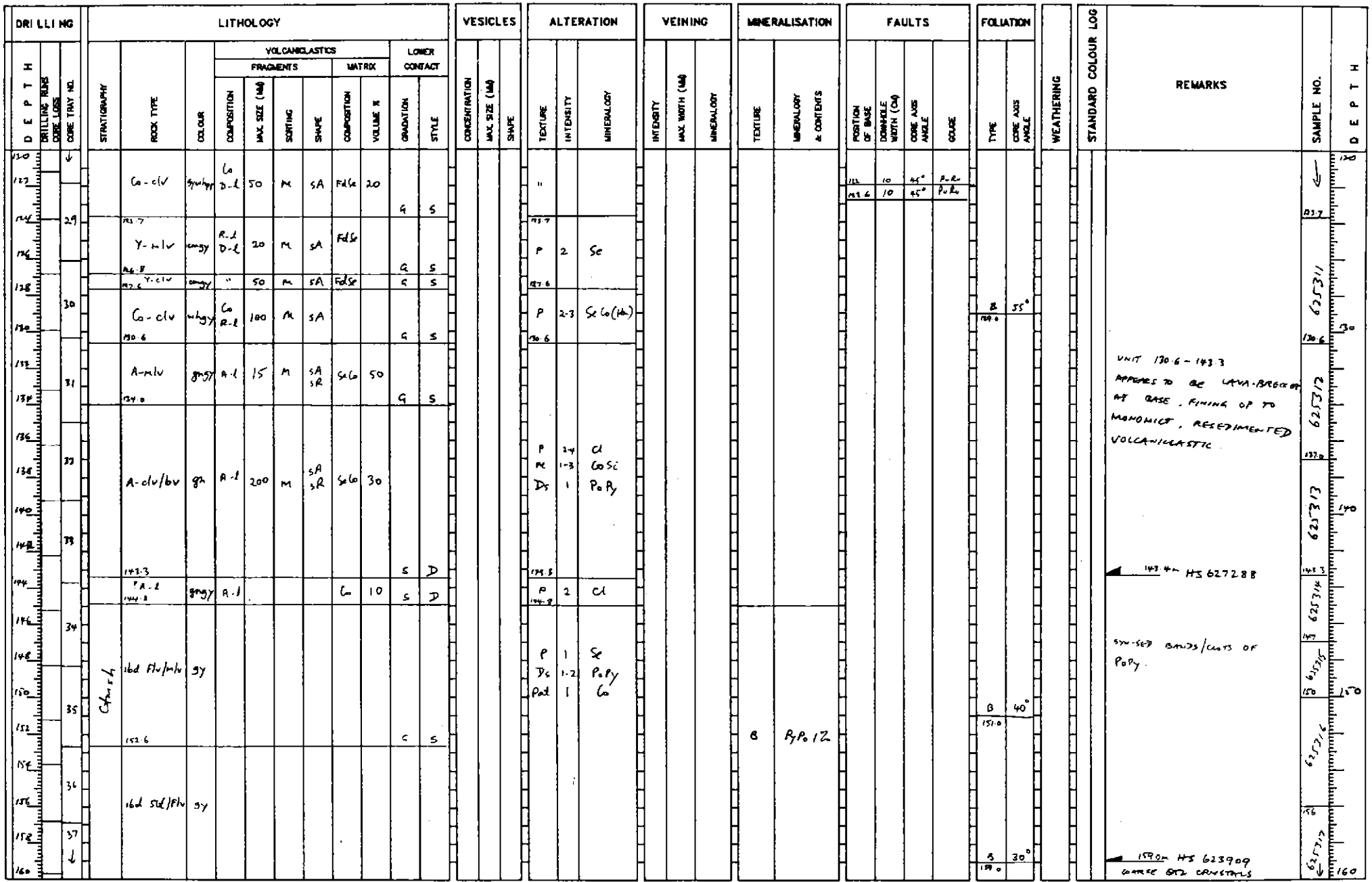
GEO. RHL

DATE 29/8/95

DIAMOND DRILL LOG



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HOLE No. NC4

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GEO. RHL

DATE 29/8/95

DIAMOND DRILL LOG

DRILLING			LITHOLOGY											VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
DEPTH	DRILLING RUNS CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS: FRAGMENTS: COMPOSITION	FRAGMENTS: MAX. SIZE (MM)	FRAGMENTS: SORTING	FRAGMENTS: SHAPE	MATRIX: COMPOSITION	MATRIX: VOLUME %	LOWER CONTACT: GRADATION	LOWER CONTACT: STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	CORE AXIS ANGLE	GOUGE	TYPE	CORE AXIS ANGLE					
160		↓																																
162		38																																
164			Chrch																															
166																																		
168		39																																
170			Chvsl	xVs	grgy	R-l slt lg	10	M	sA	Fd Q	70																							
172		40																																
174																																		
176		41	Chvss	xVs	grgrn	R-l lg	20	M	sA	Fd	80																							
178																																		
180		42																																
182																																		
184			Gfzn	Ht/mdV	gr pk	R-l				Q Fd	75	S	D																					
186		43	Chlco	bnd Co Hmt	pk gr vn							S																						
188																																		
190		44	Chlco	bx Co Hmt	pk gr vn	Co				Hmt	10	S																						
192			Chlco	bnd Co	pk vn							S	A																					
194		45	Chlhm	clv	gr pp	Hm Sc A-C	30	M	sA-L	Sc Cl Hm	20	S	A																					
196																																		
198		46	Chlhm	A-bv/clv	pp	A-l Hm	150	M/P	sA-L	Hm Sc	20	S	A																					
200		↓																																

DEPTH	TEXTURE	INTENSITY	MINERALOGY
165.6			
	P	1-2	Cl
170.6			
	H	1-2	Ab Si
	P	1-2	Cl Se
	Pat	1	Co
	Pat	1	Ep
197.0			
	B	2-4	Hm Co
198.0			
	M	2-4	Hm
199.9			
	P	2-5	Sec Hm Co
199.1			
	Sf	5	Hm
	M	2-4	Cl Se
199.6			

DEPTH	POSITION OF BASE	CORE AXIS ANGLE	GOUGE
192.1	2	30°	P.Cc

DEPTH	TYPE	CORE AXIS ANGLE
5	S	40°
198.0		

170.4m SEp 10cm vn.

184.0m CONFORMABLE TRANSITION TO Hmt Co BANDED & SHEARED UNITS.

BANDED Hmt Co TRANSITIONAL TO BRECCIATED pk gr Co & INTERSTITIAL Hmt. Co INTERLAYERED & THIN DISRUPTED CLASTIC (Qtz-rich) LENSES.

LARGE PHAS. ARE STRONGLY Hmt ALTERED ANDESITE OR BASALTIC ANDESITE.

SAMPLE NO.: 625718, 625719, 625720, 625721, 625722, 625723

96269

log.0193Liver

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EXPLORATION DIVISION

HOLE No. NC4

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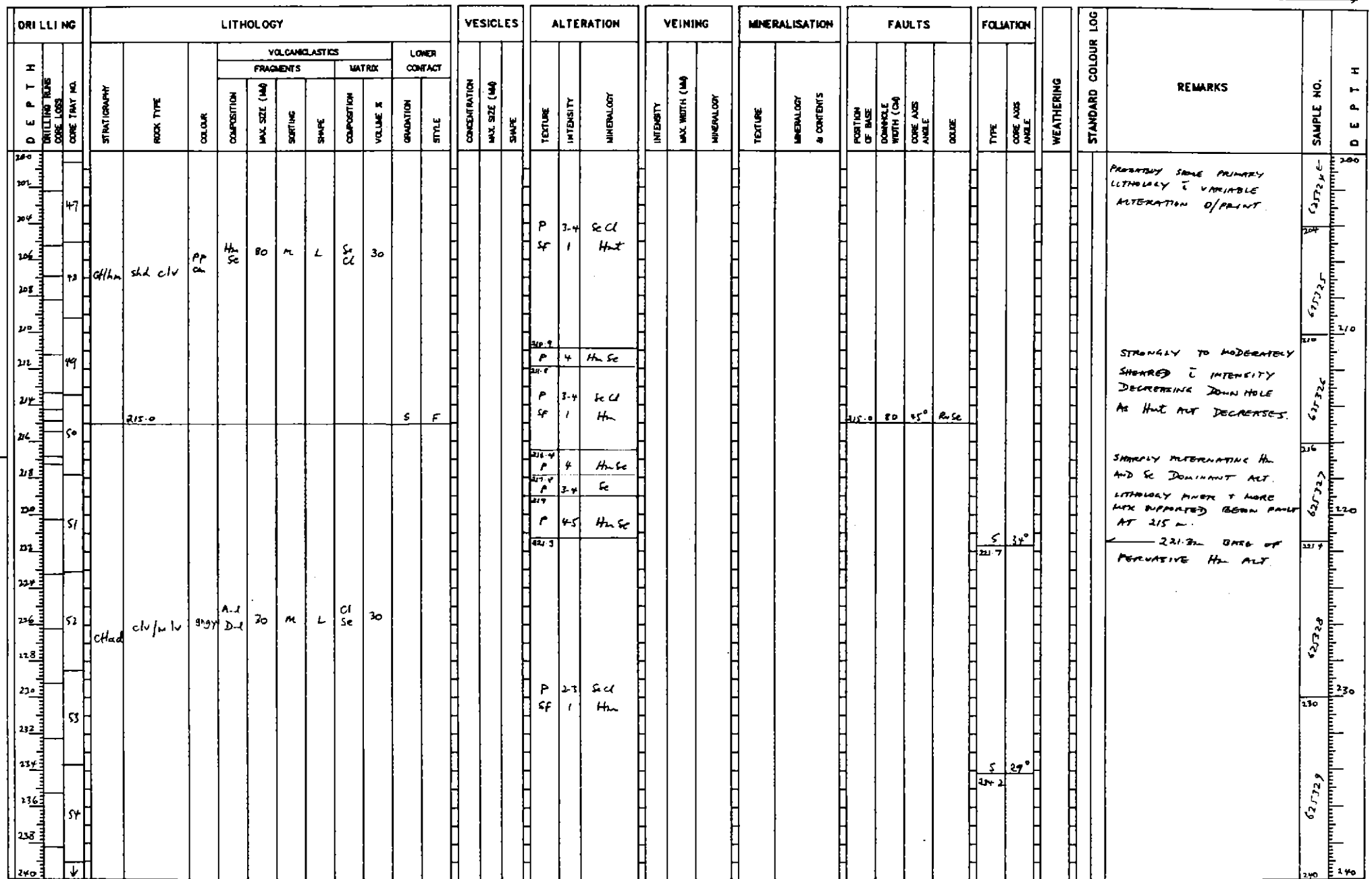
GEO. RHL

DATE 29/8/95

DIAMOND DRILL LOG



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EXPLORATION DIVISION

HOLE No. NC4

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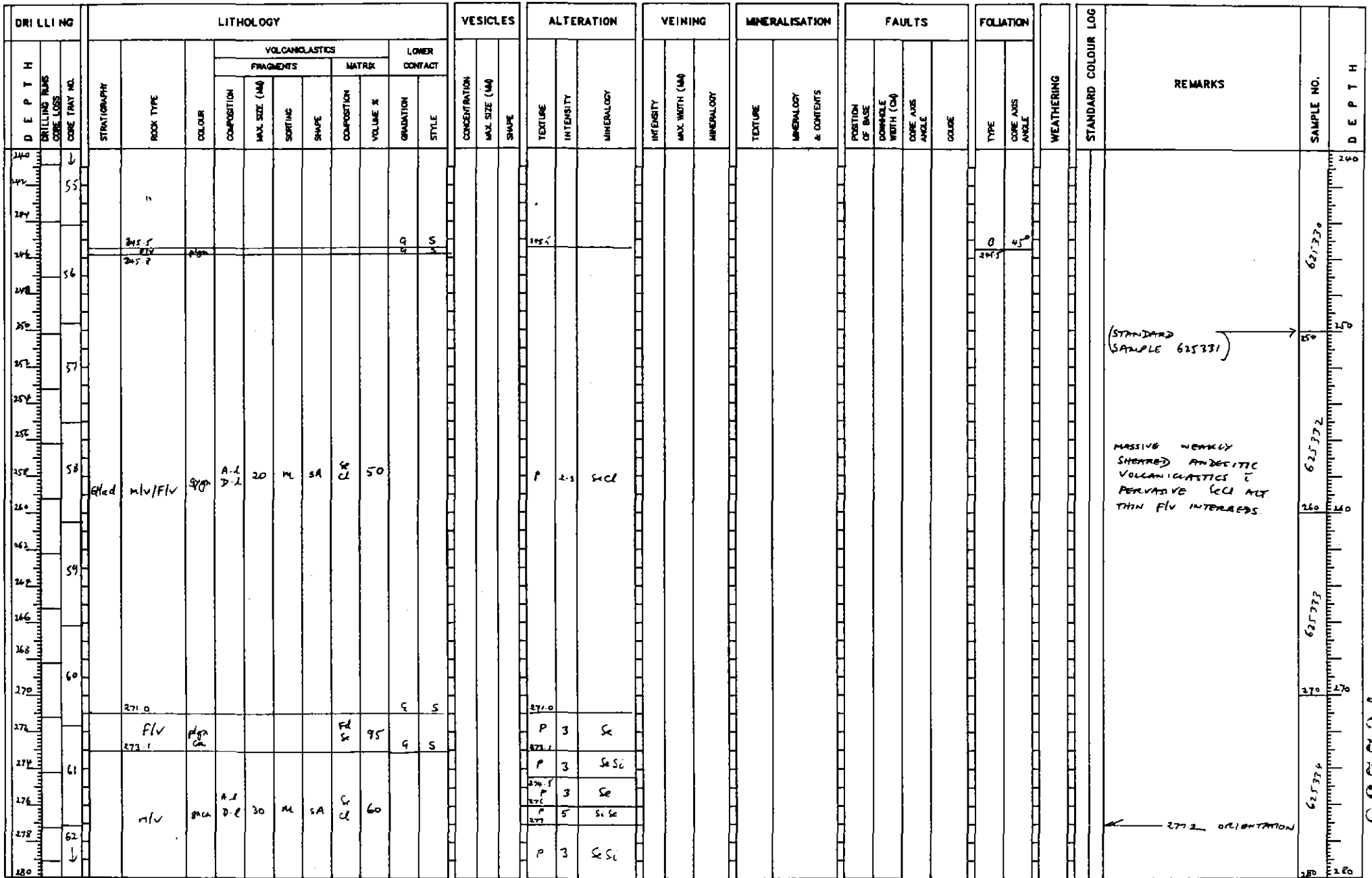
GEO. RHL

DATE 29/8/95

DIAMOND DRILL LOG



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EXPLORATION DIVISION

HOLE No. NC4

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GEO. RHZ

DATE 29/8/95

DIAMOND DRILL LOG

DEPTH	DRILLING RUNS / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	LITHOLOGY: VOLCANICLASTICS FRAGMENTS COMPOSITION	FRAGMENTS MAX. SIZE (MM)	FRAGMENTS SORTING	FRAGMENTS SHAPE	MATRIX COMPOSITION	MATRIX VOLUME %	LOWER CONTACT GRADATION	LOWER CONTACT STYLE	VESICLES CONCENTRATION	VESICLES MAX. SIZE (MM)	VESICLES SHAPE	ALTERATION TEXTURE	ALTERATION INTENSITY	ALTERATION MINERALOGY	VEINING INTENSITY	VEINING MAX. WIDTH (MM)	VEINING MINERALOGY	MINERALISATION TEXTURE	MINERALISATION MINERALOGY & CONTENTS	FAULTS POSITION OF BASE	FAULTS DOWNHOLE WIDTH (CM)	FAULTS CORE AXIS ANGLE	FAULTS GOUGE	FOLIATION TYPE	FOLIATION CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
280		63		"													"																	623535	280
288.5												G	S				288.5																		
290		64	plv 290.4		pl gn							G	S											290.0											623536	290
292			m/v 292.7		gn							S	S																							
294		65	grad clv-flv		pl gn												P	L3	Si Se					Va	Py 1-2% mm Cu									623537	294
296																	Sf	1	Cl																
298			298.0									G	D				298.0							298.0												
300		66																																623539	300
302			Chld	D.l	pk gn	-	-	-	-								P	3	Si Se																
304		67																																623540	
306			307.4									G	D				307.4																		
308																																		623541	308
310		68	Chlvd	m/v/clv	cream gn	A-l D-l	30	M-P	SA	Se Cl	40						P	2-3	Se Si																	310
312																	Pot	1	Cl																
314																																			
316		69																																	
318												EOH																							318	
320																																			320

FROM 290-298; SCATTERED COARSE Py CLOTS & 5cm LONG CLOTS NEAR 295m HAVE ASSOCIATED Cu + GALENA

UNIT FROM 298 → 292.7m IS GRADED UP HOLE FROM ANDESITIC Clv to Fd-RICH Flv

295.1m HS (1% ISOTOPE) 623911

298-307m : VARIABLY & DOMINANTLY ALTERED Fd PHYRIC DACITE. MODERATELY SHEARED.

307.2m ORIENTATION

307.3m HS 623910

LARGE 5cm Py CLOTS ON CONTACT

318.4m NC4 ABANDONED

LIFTED OFF AT 295m AS NC4A

log81931.mm

162259

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EXPLORATION DIVISION

HOLE No. NC4A

PAGE 1 OF 8

GEO. RITZ

DATE 29/8/95

DIAMOND DRILL LOG

DRILLING			LITHOLOGY											VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION					
						VOLCANICLASTICS						LOWER CONTACT																					
						FRAGMENTS				MATRIX																							
DEPTH	DRILLING RUNS CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	COMPOSITION	VOLUME %	GRADATION	STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	TYPE	CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
290				296																														290
				NO CORE																												295m NC4A CAPPED OFF		
300				300.1m																														300
302																																302.7m : END OF HP		
304			CHd	D-l													P	3	Si Se														
306																																		
308				307.7								S	D				307.7																
310																																		310
312																	P	2-3	Se Si														
314			CHad	mlv/clv	aph gn	A-l D-l	30	m-p	SA	Se Cl	40						Pat	1	Cl														
316																																		
318																																		
320																																		320

625342

625343

09229

log0193Liver

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC4A

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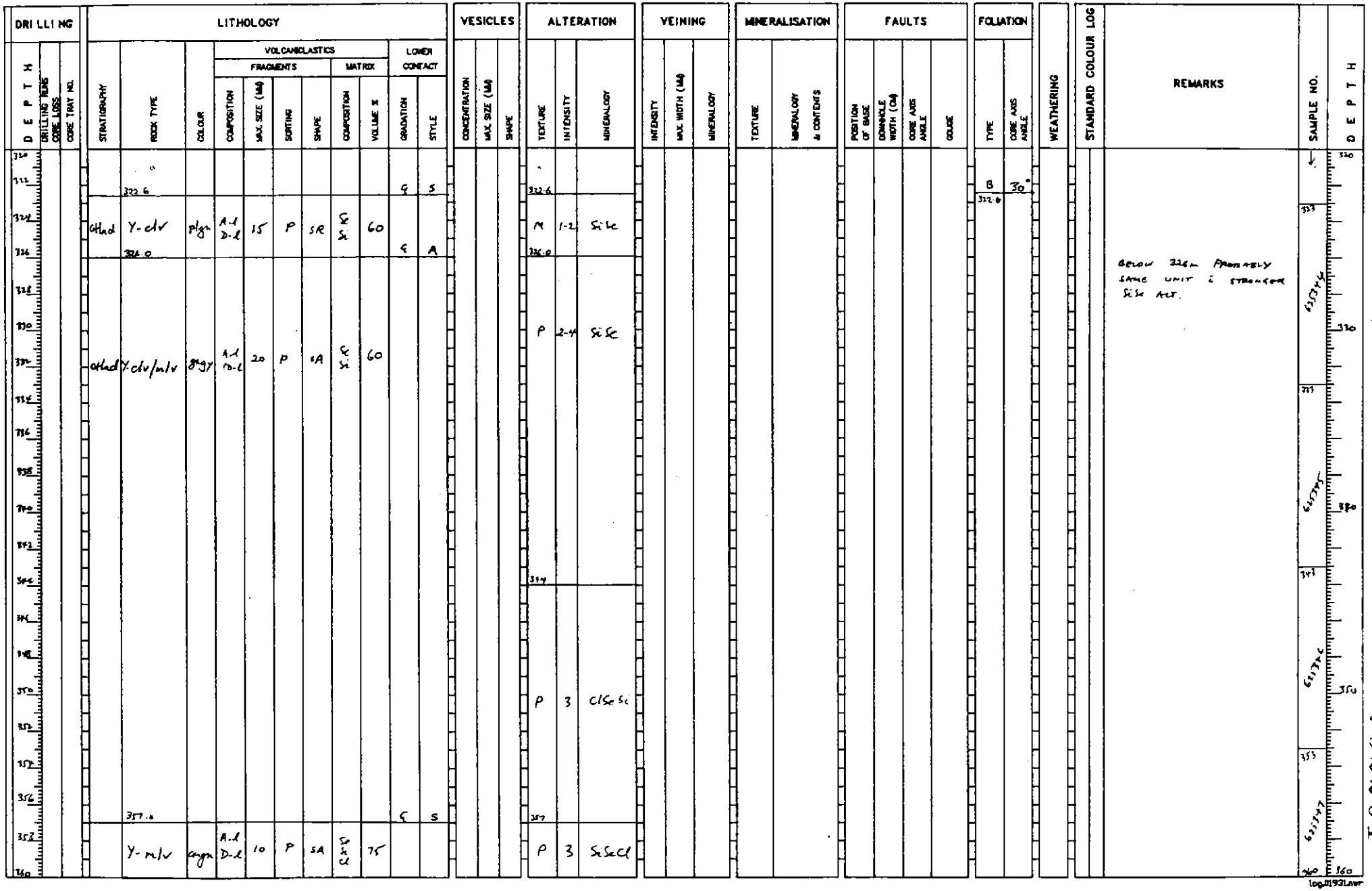
GEO. RHZ

DATE 29-30/8/95

DIAMOND DRILL LOG



162261

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC4A

PAGE 3 OF 8

GEO. RHL

DATE 30/8/95

DIAMOND DRILL LOG

DRILLING			LITHOLOGY											VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION							
						VOLCANICLASTICS						LOWER CONTACT																								
						FRAGMENTS				MATRIX																										
DEPTH	DRILLING RUNS	CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	COMPOSITION	VOLUME %	GRADATION	STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	ORIENTATION WIDTH (CM)	CORE AXIS ANGLE	DOWN	TYPE	CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
360					360.2																														360
362				chl	D-l	grgn							G	D				P	2	Se Si	2	15	Si ?Ch											360.2-365.5: WEAKLY BANDED BUT UNIFORM TEXTURED. Fol @ 15-20 MORE EVIDENT AT MARGINS.	623349	
364					365.5																365.5														365
366				chlad	A-clv		A-l ov	25	P	sA	Si Se	20						P	3	Si ?Ab																
368						mgy							G	E				P	2	Si Se															623370	370
370					372.2																372.2														
372				chle	?av													P	1	Se Si	1	2	Si Sp	Ds V	Sp 1-2					70	60°			APPROX TOP ELONGATED ASH UNIT (MAY BE Mg VOLCANIC) 1-2% Py BANDS + DISSEM/FINE SPHALERITE ± POSSIBLY DISS. EVH. SERICITE. LOWER CONTACT IRREGULAR (Y INTRUSIVE)	623172 → 173 → 174 → 175 → 176 → 177 → 178 → 179 → 180 → 623181 →	371.9 372.6 373.5 374 375 376 376.5 376.9 377.1 378 378.6
374					373.6	sy							I	?D				Ds	1	Py																
376																		P	4	Si																
378				chlad	A-clv		A-l	20	M	sA	Si Se	20						Sf	3	Cl Se																380
380					384.9	grgn							S	D				Sf	2	Cl																
382																		Pn	4	Si Se																
384																																				384
386				Cova	A-bv	grgn	Fdp A-l (cl)	25	M	L sA	Si Se	50						M	5	Si																
388																		Sf	3	Cl Se																
390					390.2								G	A																						390
392																																				
394																																			
396				Cova	A/D-l	grgn					Fol							P	2-3	Si Se																
398																																			623357	398
400																																			623356	400

log.01931.mwr

16226

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC4A

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GEO. RHZ

DATE 1/9/95

DIAMOND DRILL LOG

DRILLING: DEPTH | DRILLING RUNS | CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION | MAX. SIZE (MM) | SORTING | SHAPE; MATRIX: COMPOSITION | VOLUME % | LOWER CONTACT: GRADATION | STYLE

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

FOLIATION: TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO. | DEPTH

DEPTH	RUNS	LOSS	TRAY	STRAT	ROCK TYPE	COLOUR	COMP	MAX SIZE	SORT	SHAPE	MATRIX COMP	MATRIX VOL%	GRADATION	STYLE	VESICLES	ALTERATION: TEXTURE	INTENSITY	MINERALOGY	VEINING	MINERALISATION	FAULTS	FOLIATION	WEATHERING	REMARKS	SAMPLE NO.
908																U									
909			89										C	A											
910					A-Por	grey					FR		C	A		P	2	Cl						409.1m HS 623912	
911			90		A/D-l	grey							C	A		P	2-3	Si Sc							
912					A-Por	grey							C	A		P	2	Cl							
913					A/D-l	grey							C	A											
914			91																						
915																									
916																									
917																									
918																									
919																									
920			92																						
921																									
922					A/D-l	grey							C	A											
922.0																									
923																P	2	Si Sc							
924																M	3	Si							
925																									
926			93																						
927																									
928																									
929																									
930																									
931			94																						
932																									
933																									
934					A/D-lv	grey							C	A											
934.4m																									
935			95																						
936					A/D-l	grey							C	A		P	2	Si Sc							
936.8m																									
937					A/D-clv											P	3	Si Sc Cl							
938																									

(STANDARD SAMPLE 625362)

PREDATED IN SHV BRECCIA - JIGSAW FIT

7622663

log.m193.wwr

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC4A

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GEO. RHL

DATE 1/9/95

DIAMOND DRILL LOG

DRILLING			LITHOLOGY											VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION					
DEPTH	DRILLING RUNS CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS FRAGMENTS COMPOSITION	FRAGMENTS MAX SIZE (MM)	FRAGMENTS SORTING	FRAGMENTS SHAPE	MATRIX COMPOSITION	MATRIX VOLUME %	LOWER CONTACT GRADATION	LOWER CONTACT STYLE	CONCENTRATION	MAX SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	TYPE	CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
440																																		440
442		96		"													"																	
444				445.5								G	A																					
446				Alb-l	grgn							C	A				447			446.6															
448		97		447																2	30	PyK												
450																				447														450
452																																		
454		98		Alb-clv/mdy	Sygn	Alb-l	50	P	SA	Silc	30																						454.3m 10cm SILICEOUS ZONE ?REHEALED FAULT.		
456																																		
458																																		
460		99																																460
462																																		
464		100		464																														
466																																		
468				A/D-l	grgn												P	3	Sc Cl															
470		101															Pat	1	Si															470
472				472.5								G	A				472.5																	
474																	P	2	Sr															
476		102		A/D-clv	Sygn	Alb-l	60	P	SA	Silc	30						Pat	2	Si Cl															
478				477.5m								G	A				477.5																	
480		↓		↓													↓																	480

log.0193.1.wor

162264

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC4A

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GEO. RHC

DATE 1/9/95

DIAMOND DRILL LOG

DRILLING | LITHOLOGY | VESICLES | ALTERATION | VEINING | MINERALISATION | FAULTS | FOLIATION | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

DEPTH | DRILLING RUNS / CORE LOSS | CORE TRAY NO. | STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS: FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME % | LOWER CONTACT: GRADATION, STYLE | VESICLES: CONCENTRATION, MAX. SIZE (MM), SHAPE | ALTERATION: TEXTURE, INTENSITY, MINERALOGY | VEINING: INTENSITY, MAX. WIDTH (MM), MINERALOGY | MINERALISATION: TEXTURE, MINERALOGY, % CONTENTS | FAULTS: POSITION OF BASE, DOWNHOLE WIDTH (CM), CORE AXIS ANGLE, GOUGE | FOLIATION: TYPE, CORE AXIS ANGLE | WEATHERING | STANDARD COLOUR LOG | REMARKS | SAMPLE NO. | DEPTH

480 | 1 | 103 | Fd P D-L | 483.6 | P 2 Se Si | 483.6 | C D

484 | 104

488 | 105

492 | 106

496 | 107

500 | 108

504 | 109

508 | 2

512 | 3

516 | 4

520

| 492.2 | P Pat 2-3 1-2 | Si Ab Ke | 1-2 2o Si Py | 504

REMARKS:

FINELY Fd P DACITE - FLOW BANDED QTZ PHENOS

495.3m HS623913

MORE OBVIOUSLY QTZ P. PINK DACITE.

496.9m HS623914

499.2m HS623915 (S-180)

WELL-DEVELOPED 3o-50cm SPACED SYMMETRICAL SiPy VEINS

PINK COLOUR GRADUALLY DIMINISHING

SAMPLE NO.: 623570 | 623571 | 623572 | 623573 | 623574 | 623575 | 623576 | 623577 | 623578 | 623579

DEPTH: 484 | 488 | 492 | 496 | 500 | 504 | 508 | 512 | 516 | 520

log0193Lnwr

7622965

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC4A

PAGE 7 OF 8

GEO. RHL

DATE 1/9/95

DIAMOND DRILL LOG

DRILLING: DEPTH | DRILLING RUNS / CORE LOSS | CORE TRAY NO.

LITHOLOGY: STRATIGRAPHY | ROCK TYPE | COLOUR | VOLCANICLASTICS – FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE | VOLCANICLASTICS – MATRIX: COMPOSITION, VOLUME % | LOWER CONTACT: GRADATION, STYLE

VESICLES: CONCENTRATION | MAX. SIZE (MM) | SHAPE

ALTERATION: TEXTURE | INTENSITY | MINERALOGY

VEINING: INTENSITY | MAX. WIDTH (MM) | MINERALOGY

MINERALISATION: TEXTURE | MINERALOGY & CONTENTS

FAULTS: POSITION OF BASE | DOWNHOLE WIDTH (CM) | CORE AXIS ANGLE | GOUGE

FOLIATION: TYPE | CORE AXIS ANGLE

WEATHERING

STANDARD COLOUR LOG

REMARKS

SAMPLE NO. | DEPTH

DEPTH	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS – FRAGMENTS: COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	VOLCANICLASTICS – MATRIX: COMPOSITION	VOLUME %	LOWER CONTACT: GRADATION	STYLE	ALTERATION: TEXTURE	INTENSITY	MINERALOGY	VEINING: INTENSITY	MAX. WIDTH (MM)	MINERALOGY	MINERALISATION: TEXTURE	MINERALOGY & CONTENTS	FAULTS: POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	FOLIATION: TYPE	CORE AXIS ANGLE	REMARKS	SAMPLE NO.
530		"																									625980
532																											
534																										UNIT BELOW FAULT MORE STRONGLY SHEARED & CARBONATED. QTZ PHENOS.	625981
536		536.6m								S	F	536.6								526.4	20	?	Ru	S	30°		
538												P	3	Si Se													
540		has QFd-p D-l	gy									539.2 P 1-2 Ce Si; 539.4 Pat 2-3 Ce; P 3 Se; Pat 1-4 Si; Ds 1 Py			543.3 1 5 Si Sp; 1 2 Py			540.2 V Sp (1%)									625982
542																										EARLY QTZ ALT. D/PUNTED BY LATE Si FLOODING PRODUCING PSEUDOCLASTIC DOMAINS.	625983
544																										RARE VEINLETS OF Si ± CARBONATE ± HALLOYSITE.	625984
546																											625985
548																											625986
550		549.5								C	D	538.7 P 2 Si Se; 544			544.6			544.6									625987
552		Y-clv/bv	gn/pk	A-l D-l	100	P	SA	Si Se	10			P 2 Si Se; Sf 2-3 Si ? Ab; 549.5														CARBSC QTZ PHENOS ↑ STILL ROUNDED BECOMING MORE OBVIOUS. ↓	625988
554																										552.8m HS 623916	623916
556		FQ p D-l/Por	mgy									P 2 Si Se; 552.5														PROBABLE CORRELATE OF QTZ PORPHYRY ↑/CROPPING AROUND NEWTON DAM.	625989
558		557.5								C	A																
560		↓																									

Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. NC4A

PAGE 8 OF 8

GEO. RHL

DATE 1/9/95

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION					
						VOLCANICLASTICS						LOWER CONTACT																					
						FRAGMENTS				MATRIX																							
DEPTH	DRILLING RUNS / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	COMPOSITION	VOLUME %	GRADATION	STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	COLOUR	TYPE	CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
560																																		560
562				Y-bv/clv	grpk	pk2l gm-l	100	P	sA	Si Sc	20						SF	2-3	Si Ab														POLYMICT BRECCIA PROB. DUE TO EROSION OF AUTOBREC. TOP OF UNDERLYING pk DACITE BY AUTOBRECCIATING BASE OF fg DACITE.	62390	562
564																	P	1-2	Si Sc															
566				565.9								a	P				565.9																	
568		119		FdQ p D.l	pk																													568
570																	P	4	Si Ab Ca															570
572																																		
574		120		574.8								G	D				574.8																	
576				A-clv	grgy	A-l	50	P	sA	Si Sc	30						SF	3	Cl															62391	
				577.2								EOH					M	4	Si Sc															
578																																		
580																																		580
600																																		

577.2m EOH

Dominant ALT.

log.0193.wmf

76922

APPENDIX IV

762269

ABERFOYLE RESOURCES LIMITED
EXPLORATION DIVISION **MEMORANDUM**

Date:	4 September 1995	**Ref:**	9509rdb1
To:	R H Lewis	**From:**	J Silic
At:	Burnie	**At:**	
Copies:			

Subject: **LAKE MARGARET DHEM**

In order to search for offhole conductive mineralisation, drillholes NC1, NC2, NC3 and NC4 were surveyed with the UTEM downhole EM system operating at 24.83 Hz.

Data sections, loop locations and diagrams showing the direction of the primary magnetic field are in Appendix 4.

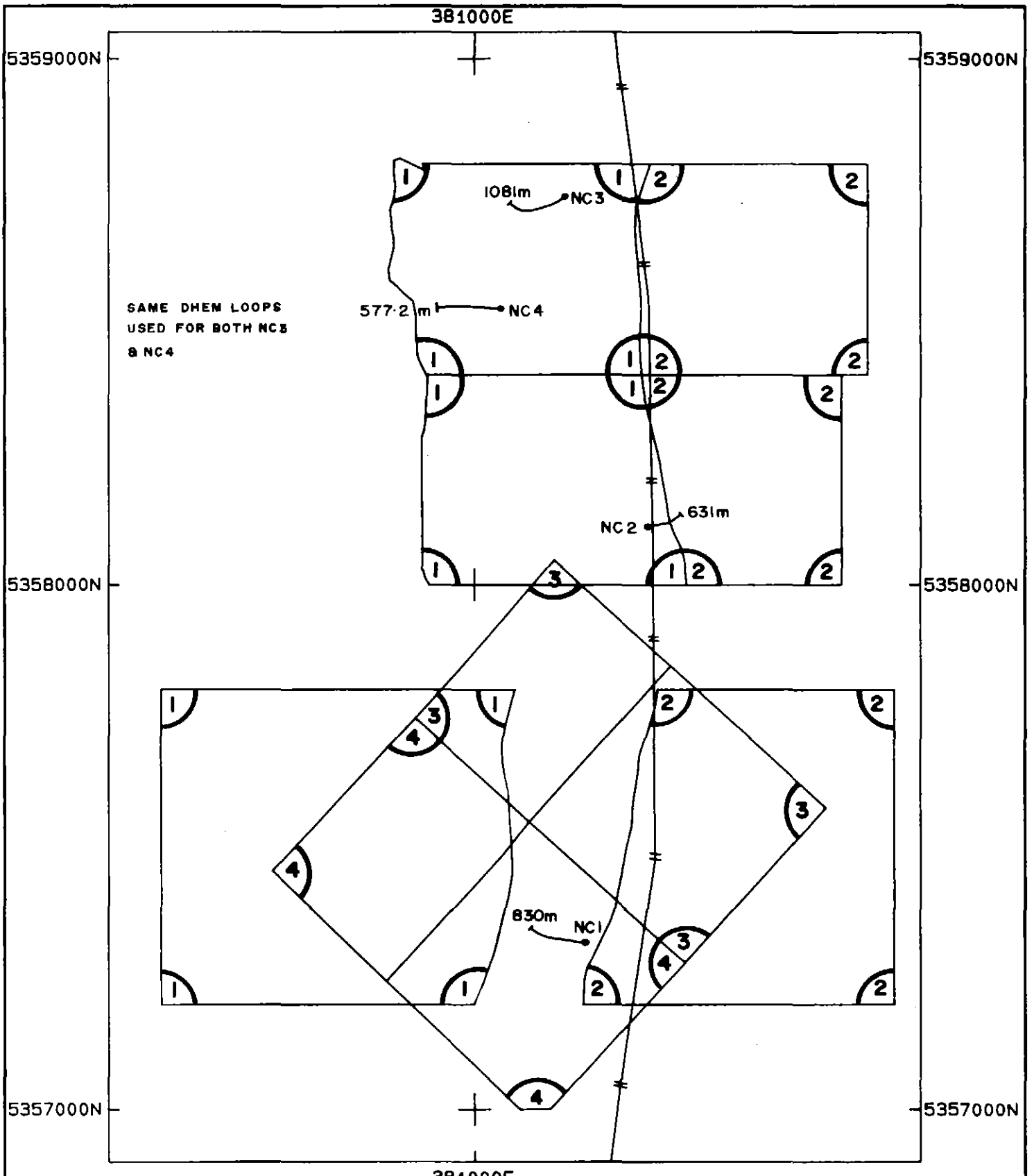
For interpretational purposes both the continuously normalised and point normalised data sets were used. It was however concluded that no electromagnetic effects which could be attributed to confined conductive bodies, are present in the data sets. For example no conductive and well connected mineralisation which could represent a 5 million tonne orebody is present within 200 metres from these drillholes.

This exclusion zone however, for larger bodies, is bigger.

for

J SILIC

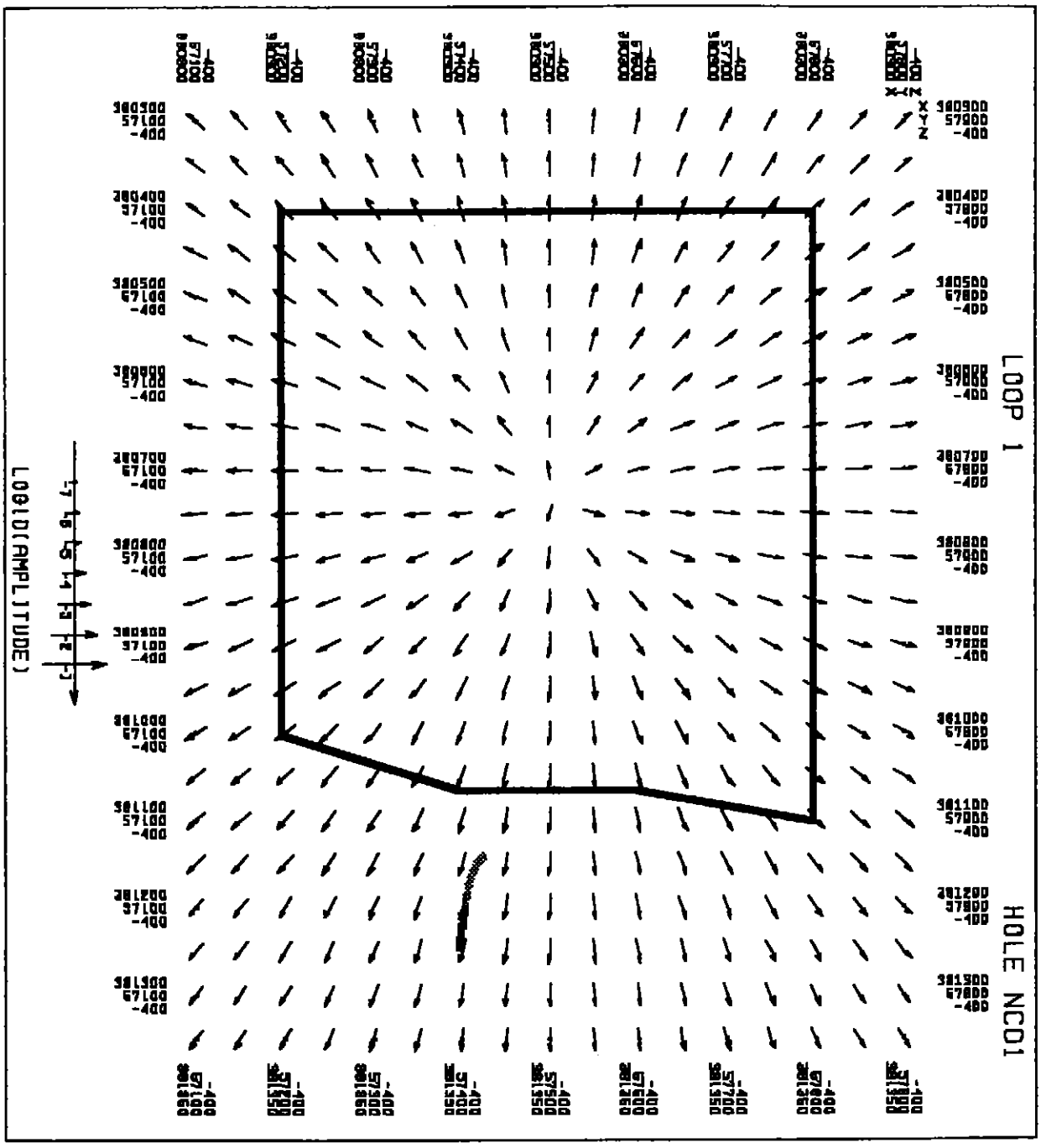
762270

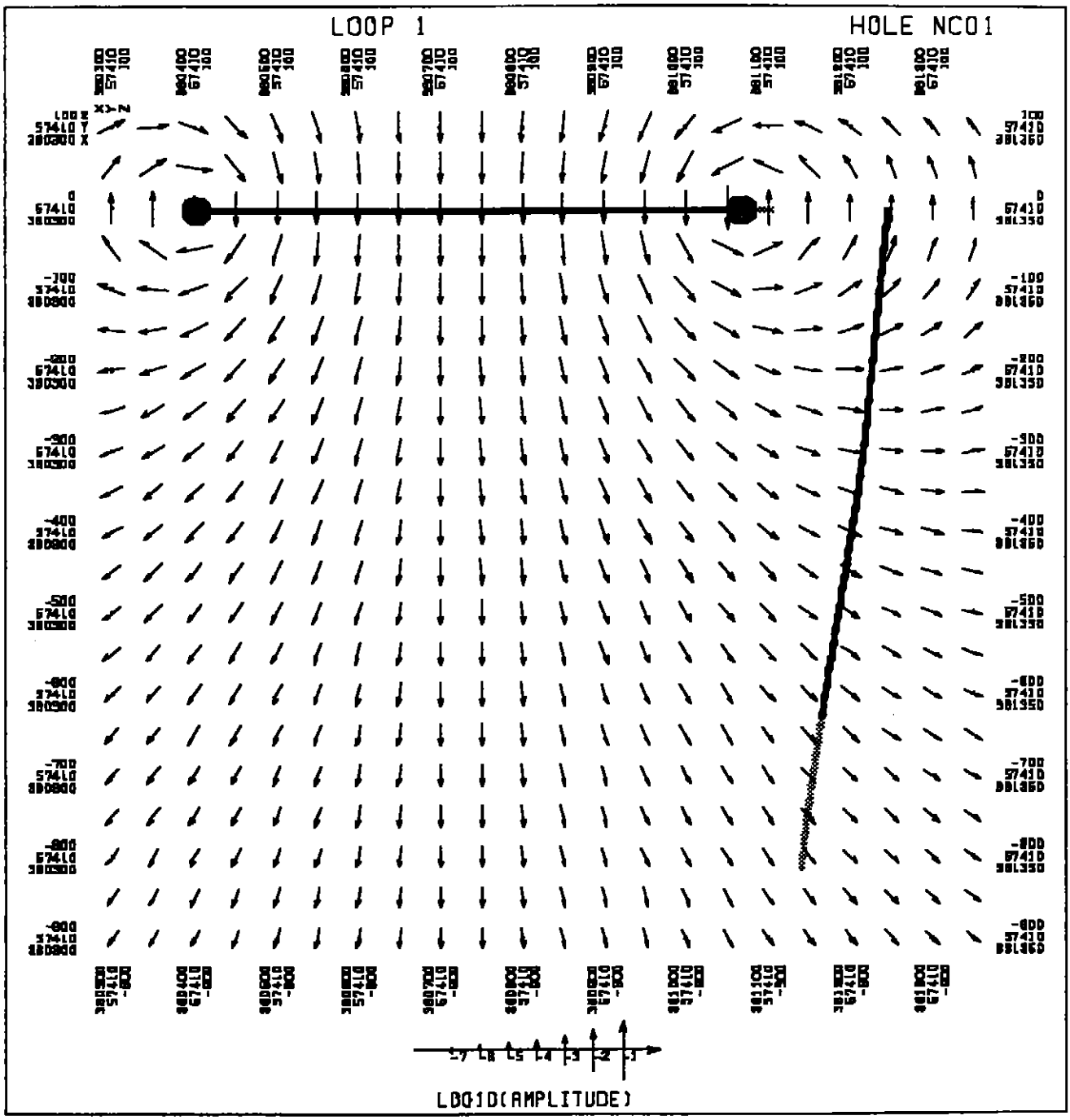


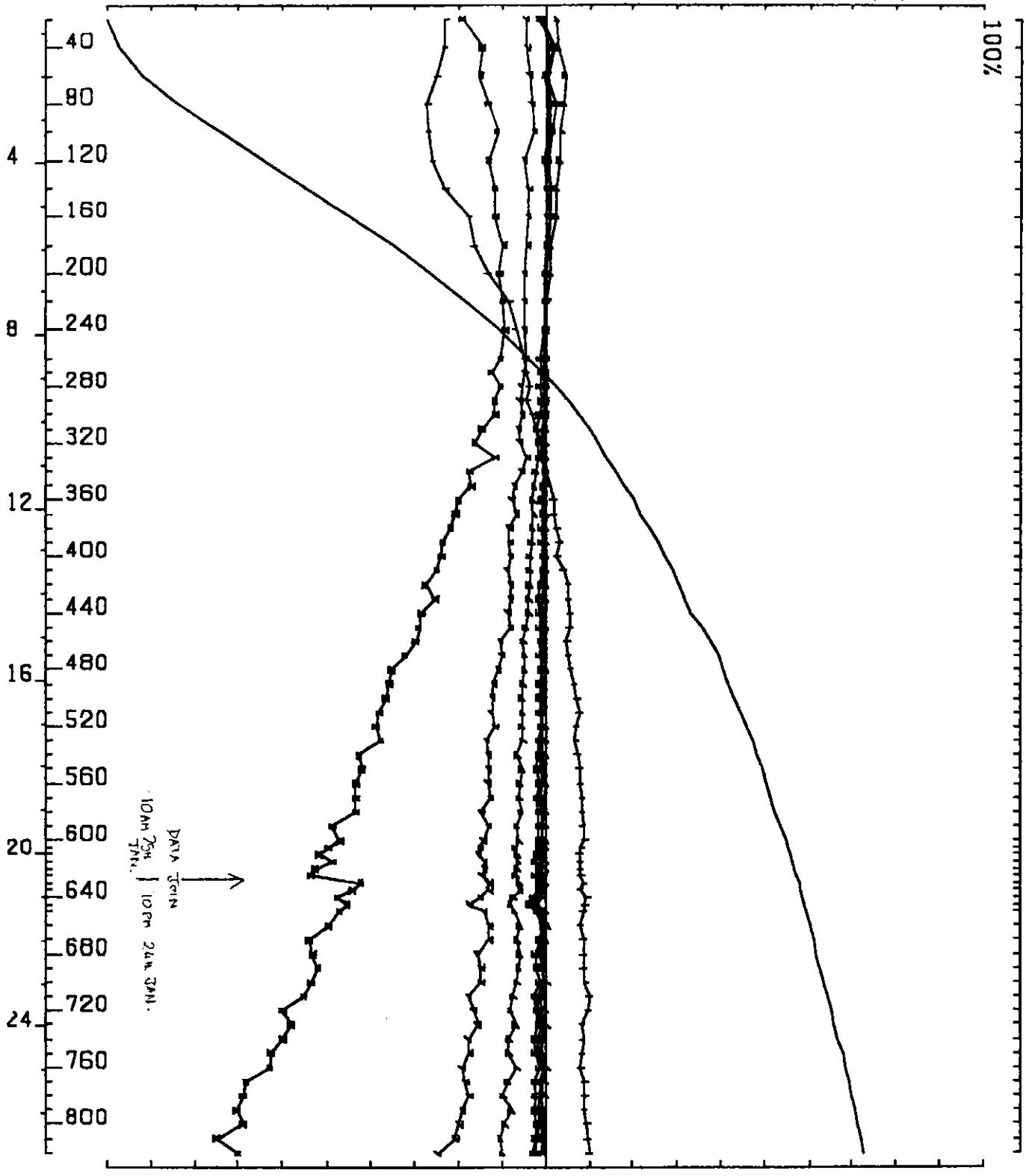
Aberfoyle Resources Limited
EXPLORATION DIVISION

REVISIONS				TASMANIA EL5/85 Lake Margaret Newton Creek Drilling DHEM Coverage		Compiled: RHL Drawn: DHBB Traced: JLR Checked:
Init.	Date	Init.	Date			
Location Code:				Scale: 1 : 10000	Date: 2/06/95	Plate No.: LMAR0141

5 cm

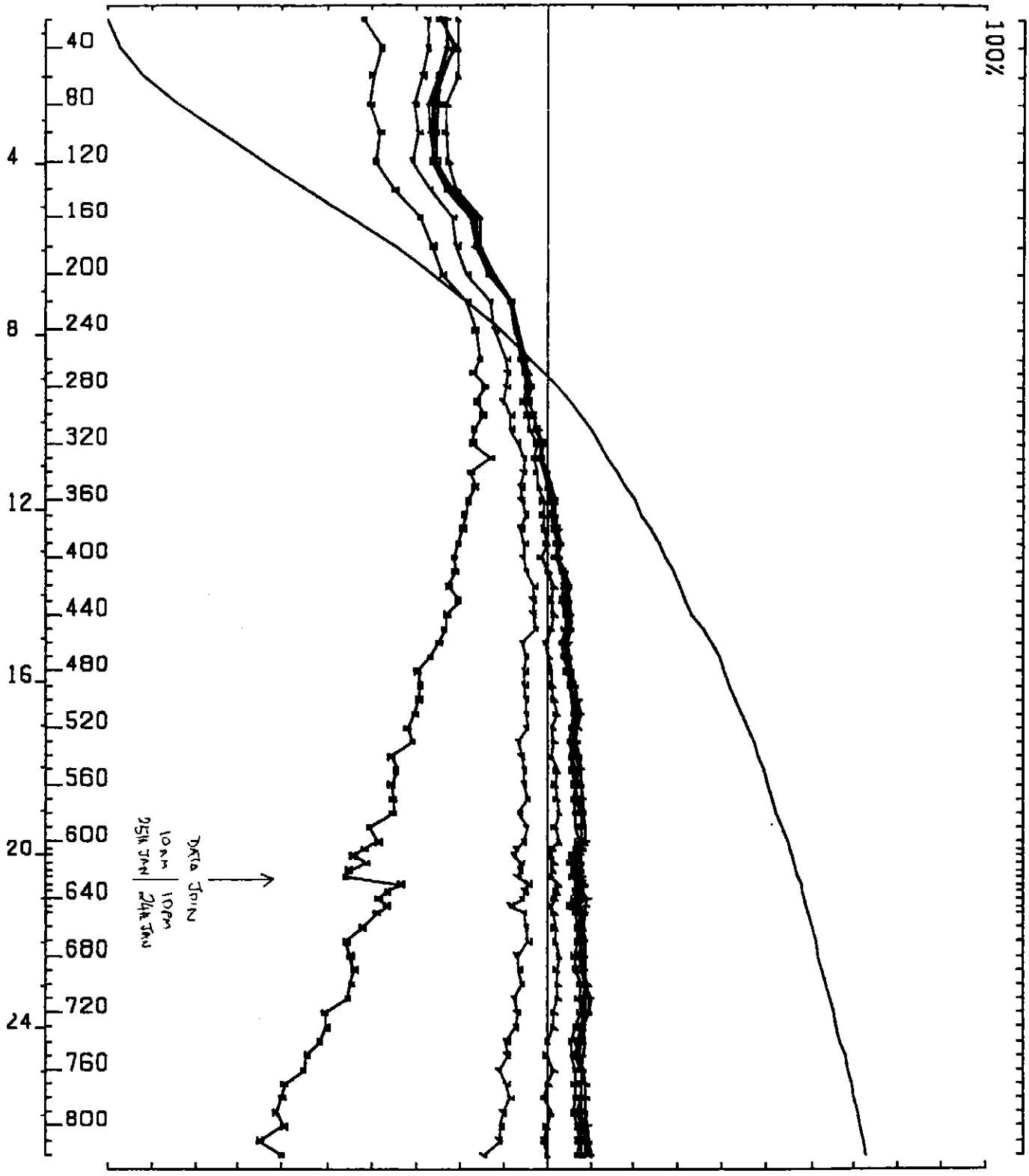

LOOP 1
HOLE NCO1
LOOP(AMPLITUDE)


LOOP 1
HOLE NC01
LOG10(AMPLITUDE)



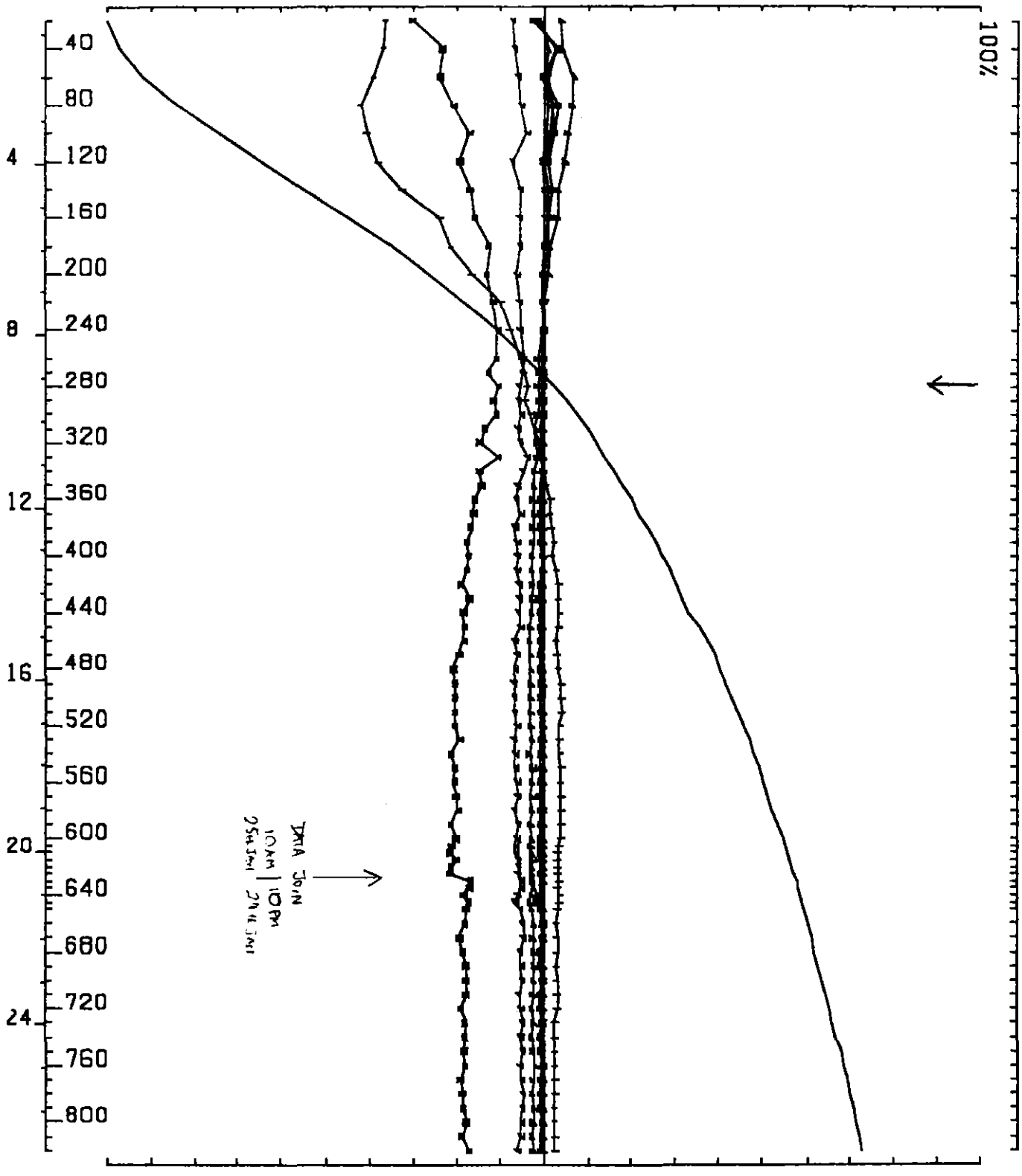
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 24TH/25TH JANUARY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9501 BASE FREQ (HZ) 49.72
LOOP NO 1 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

762274



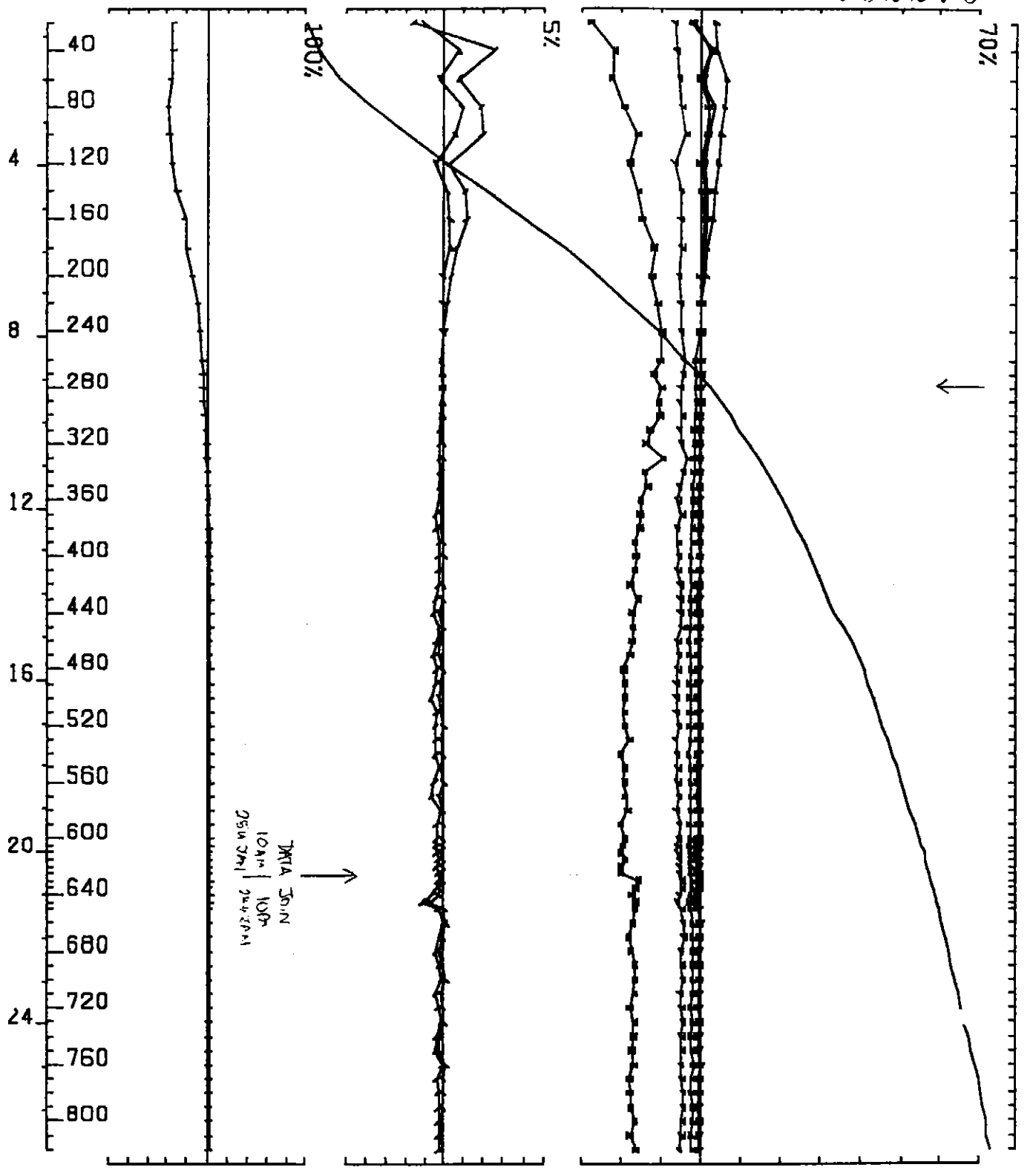
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 24TH/25TH JANUARY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9501 BASE FREQ (HZ) 49.72
LOOP NO 1 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CONTIN. NORM.

762275



UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 24TH/25TH JANUARY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9501 BASE FREQ (HZ) 45.72
LOOP NO 1 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762276



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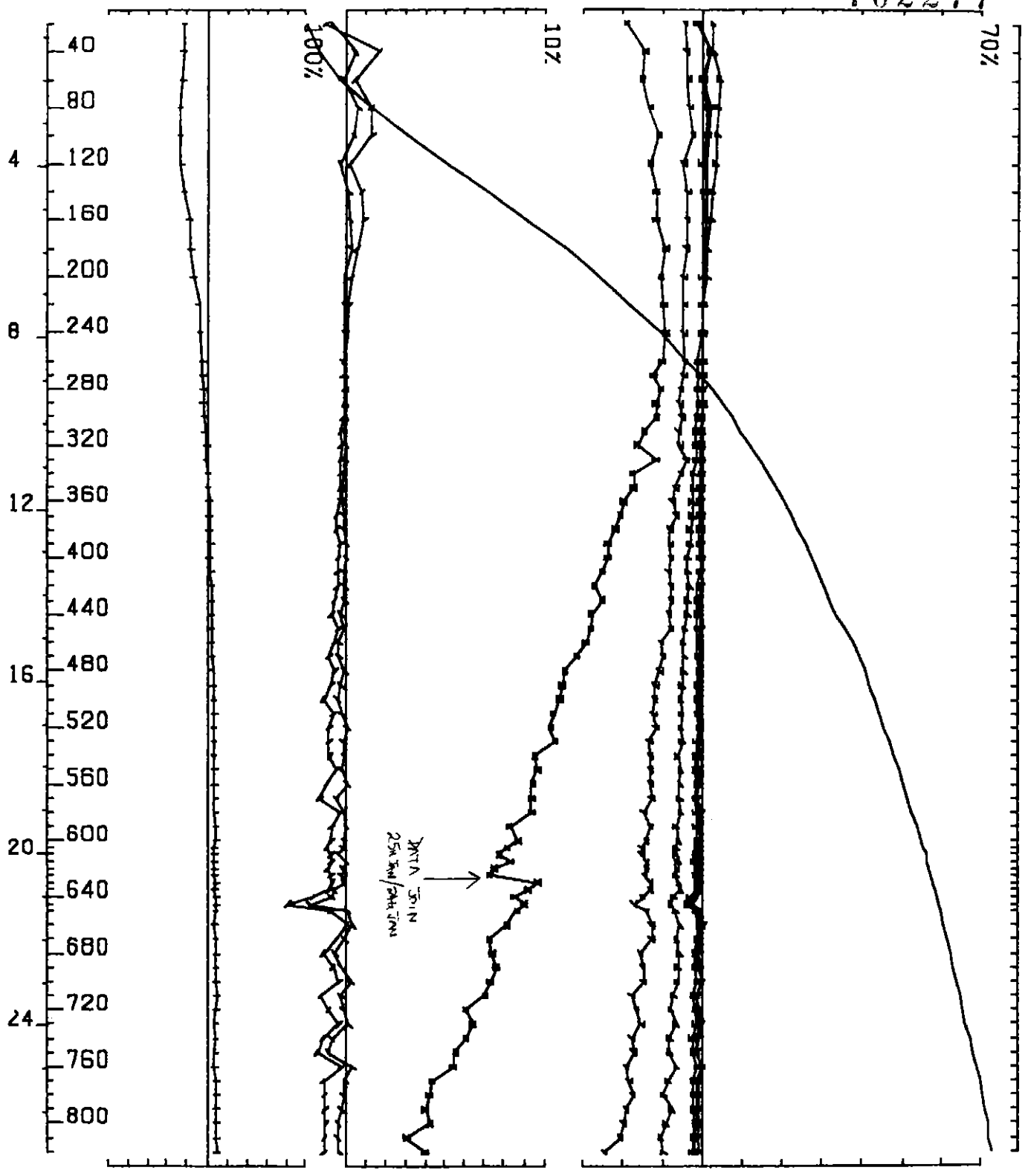
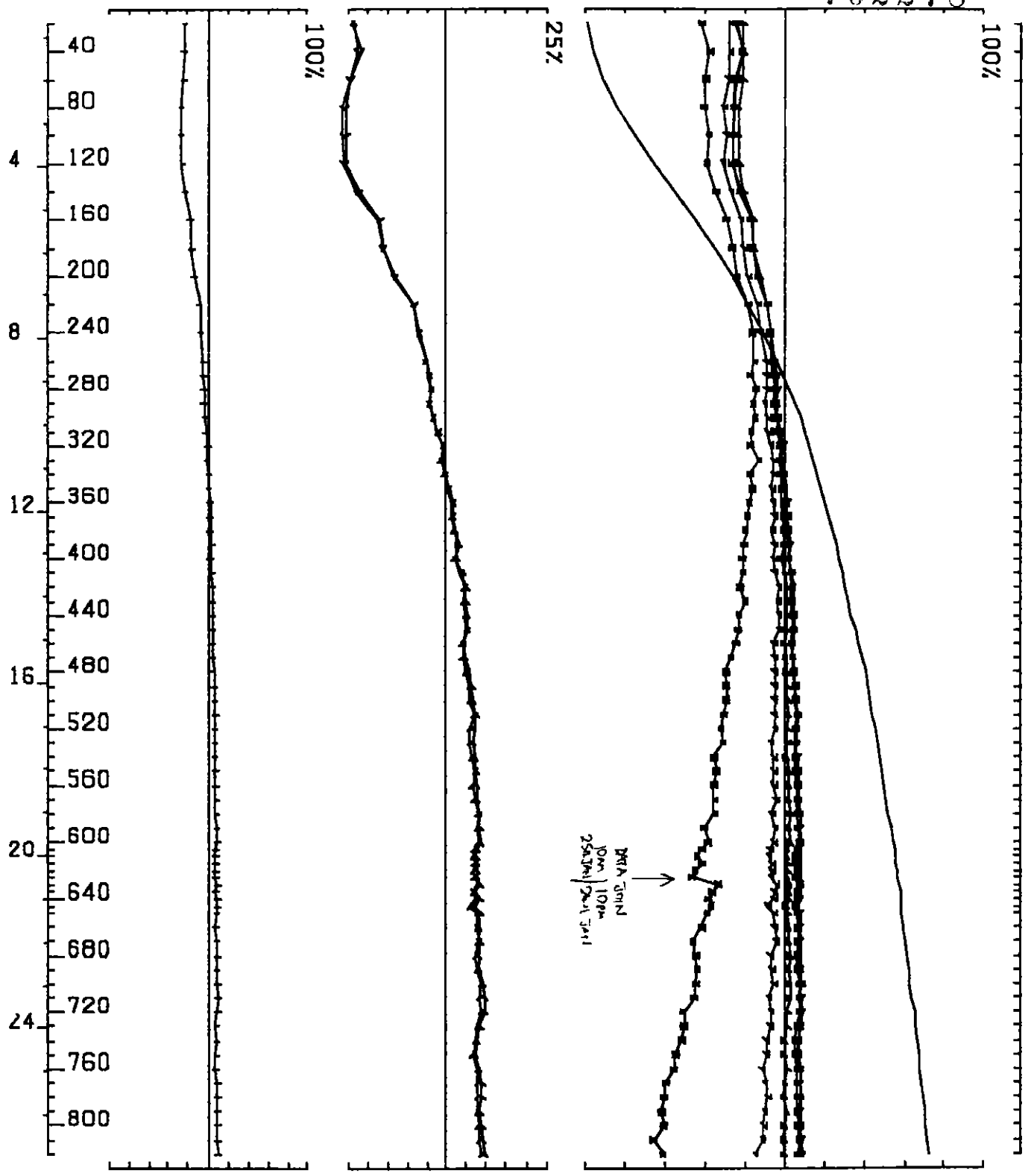
LOOP NO 1 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762277



UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 24TH/25TH JANUARY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9501 BASE FREQ (HZ) 45.72
LOOP NO 1 HOLE NC01 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

762278



UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 24TH/25TH JANUARY 1995
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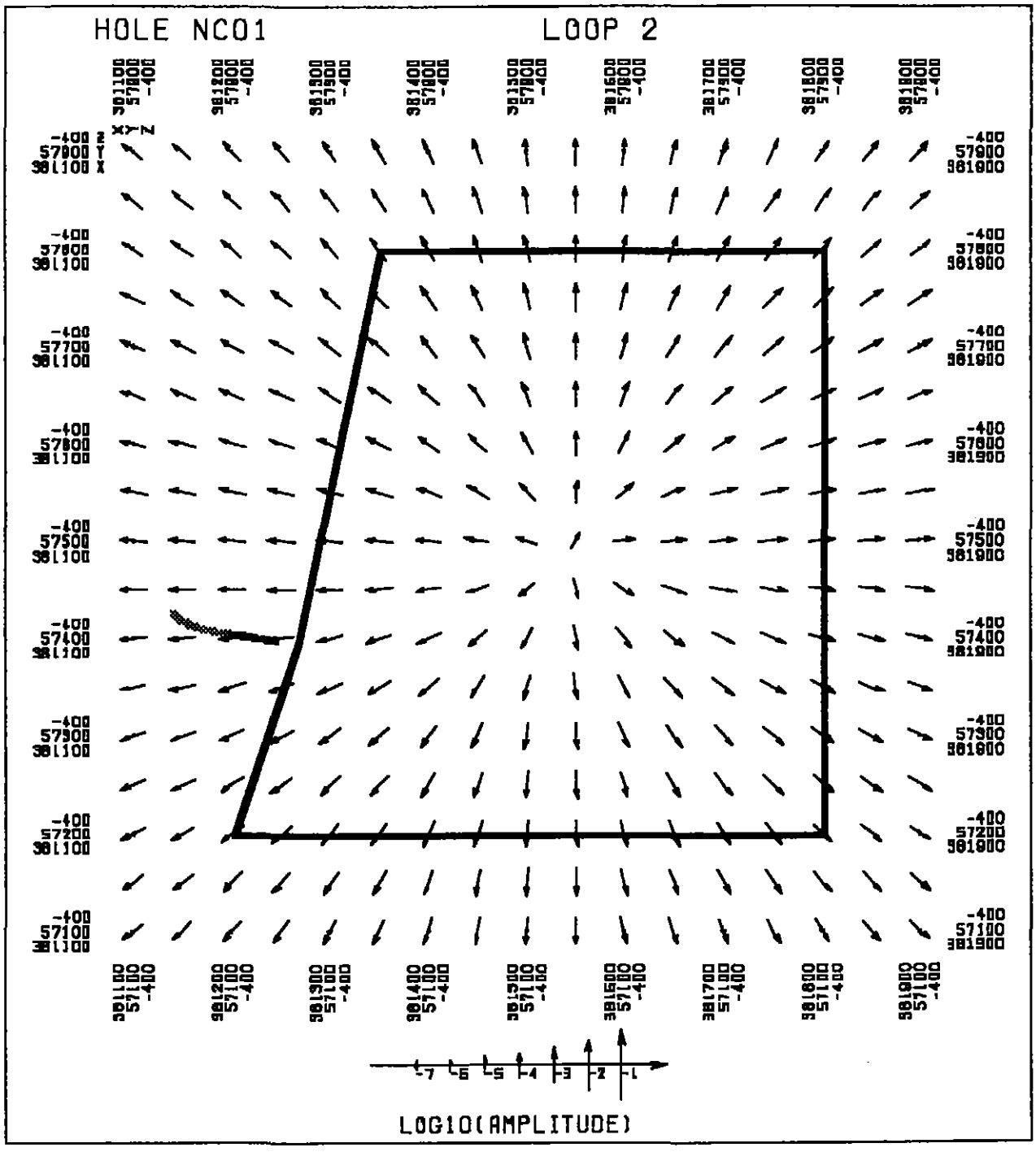
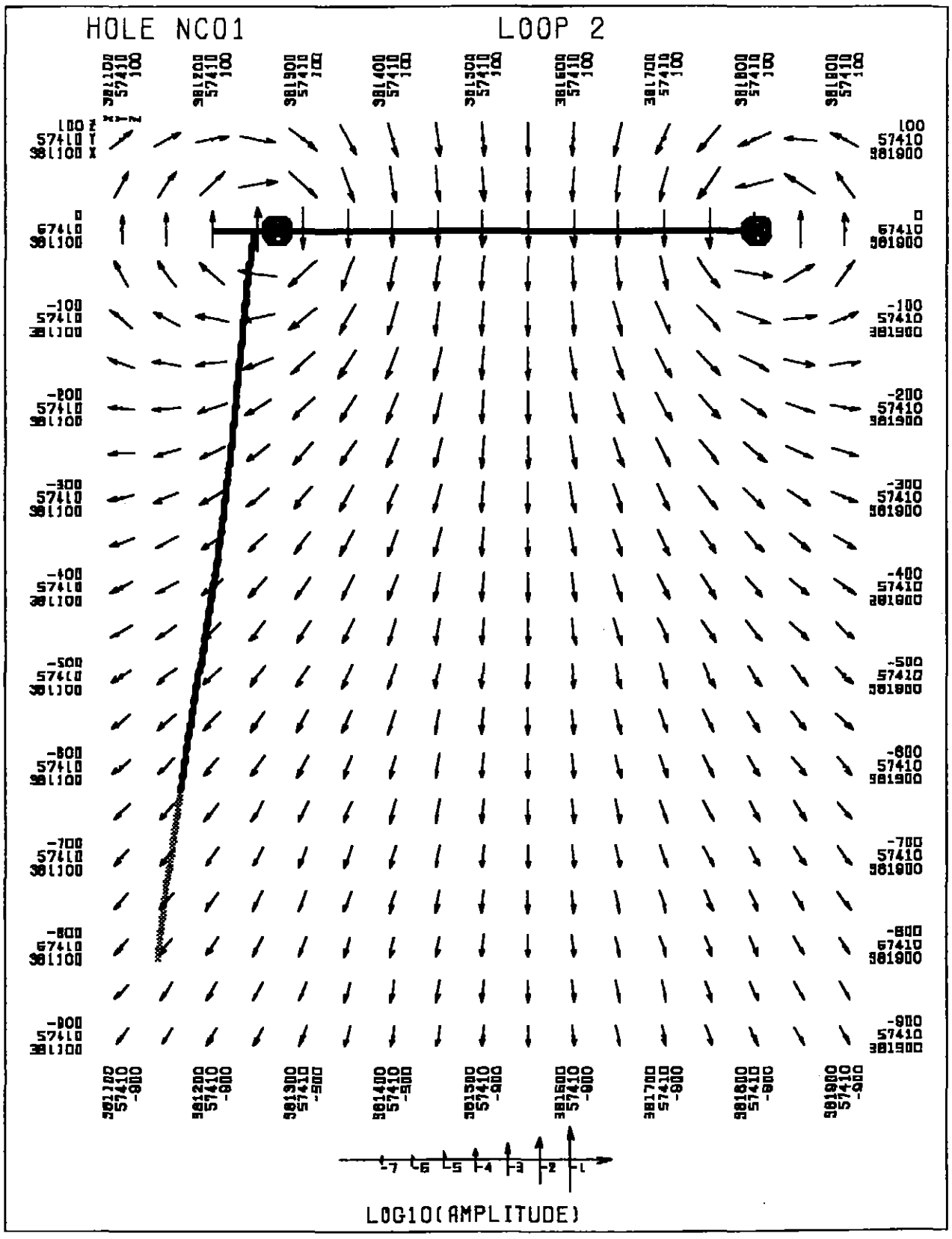
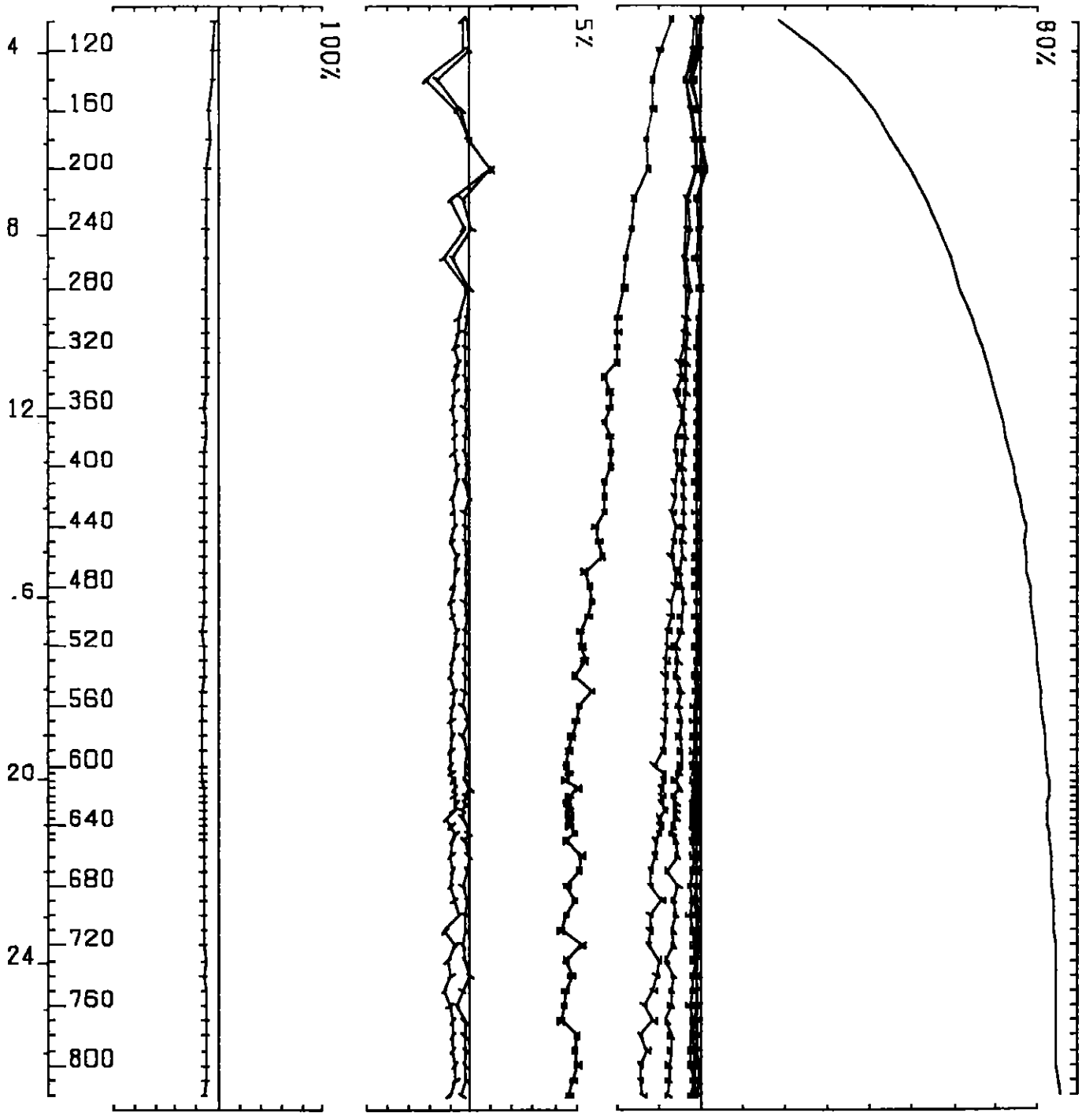
LOOP NO 1 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CONTIN. NORM.


HOLE NC01
LOOP 2
LOG10(AMPLITUDE)

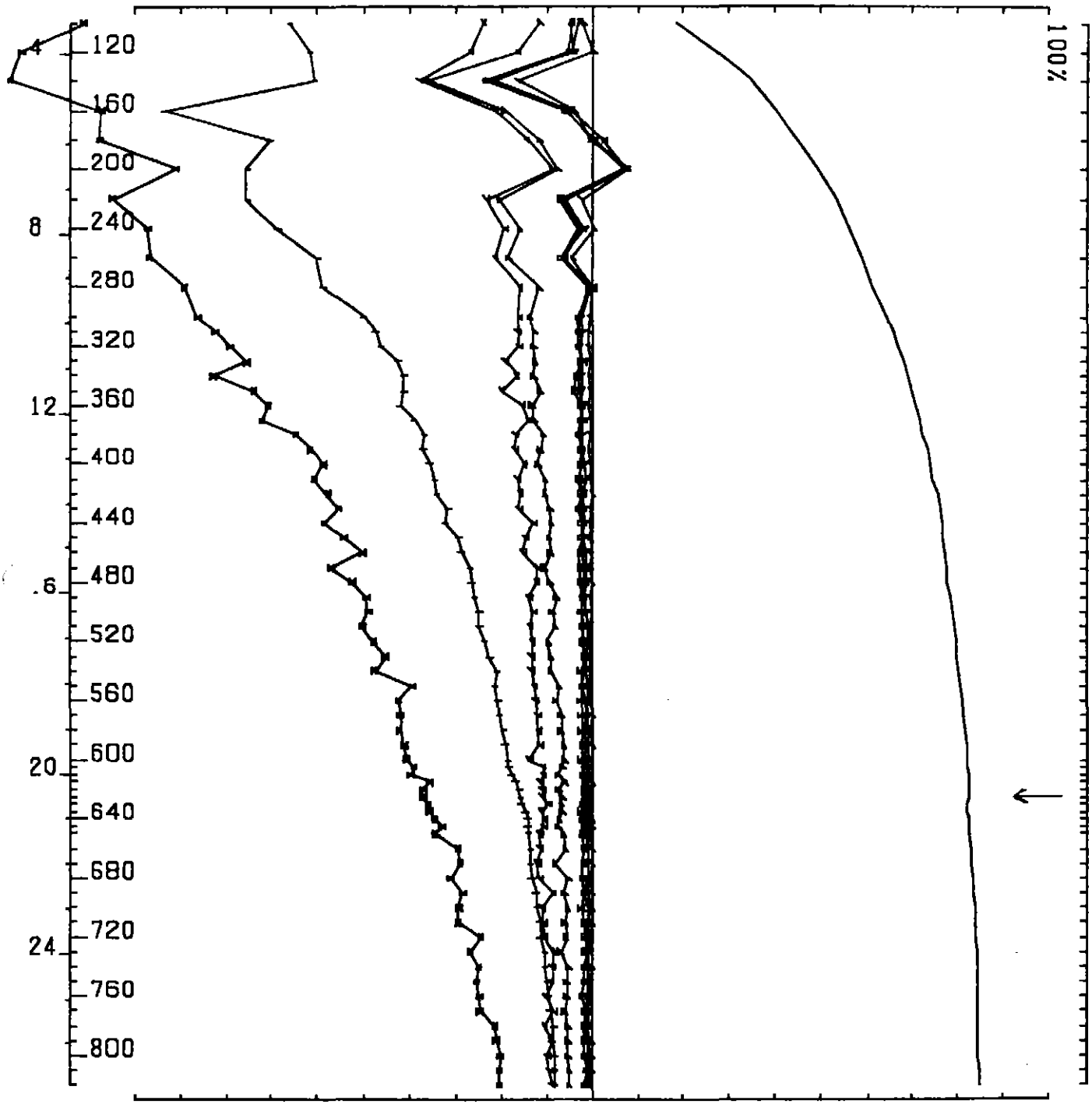

HOLE NC01
LOOP 2
LOG10(AMPLITUDE)

762281



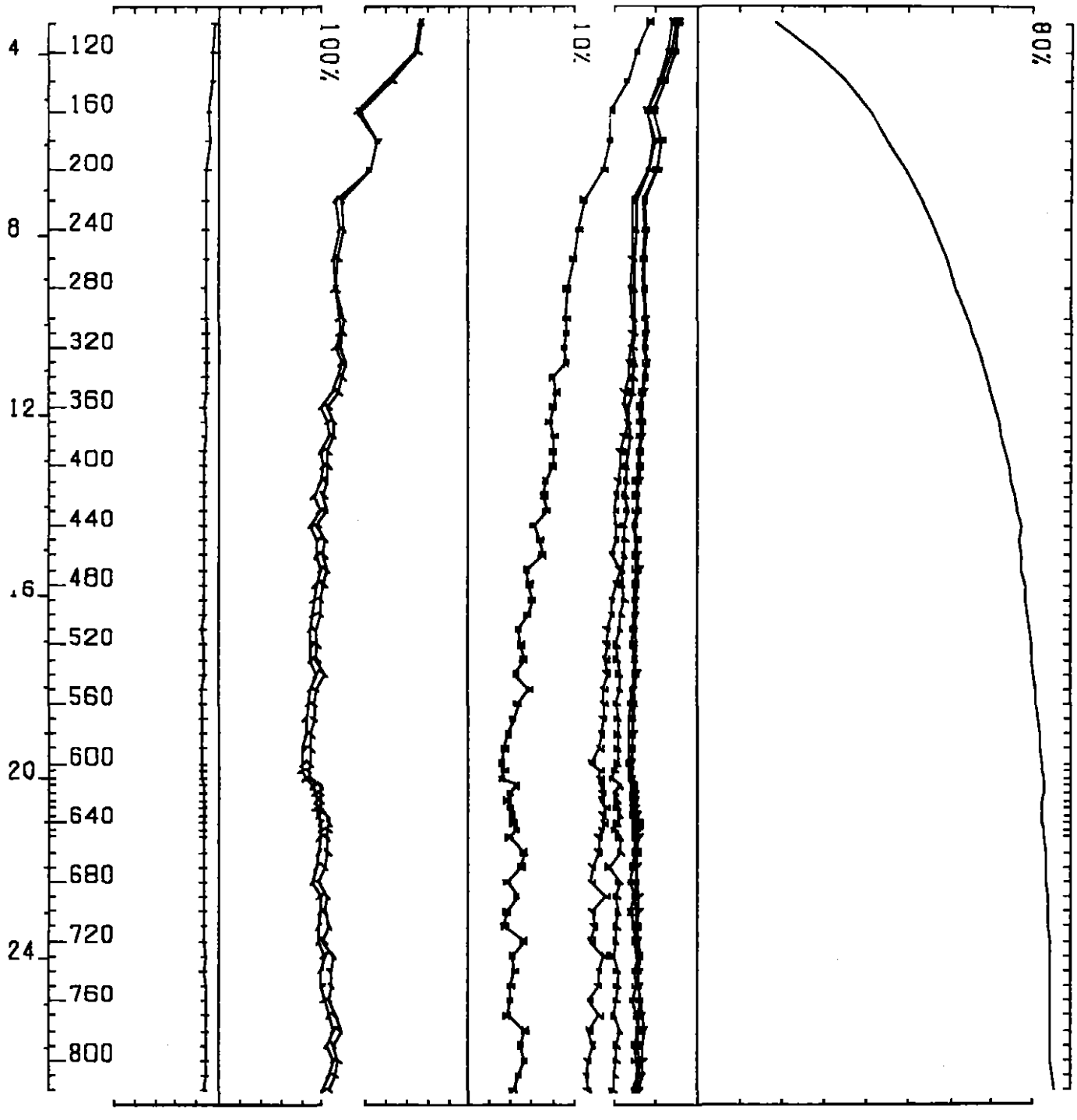
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 24TH JANUARY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 0501 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

762282



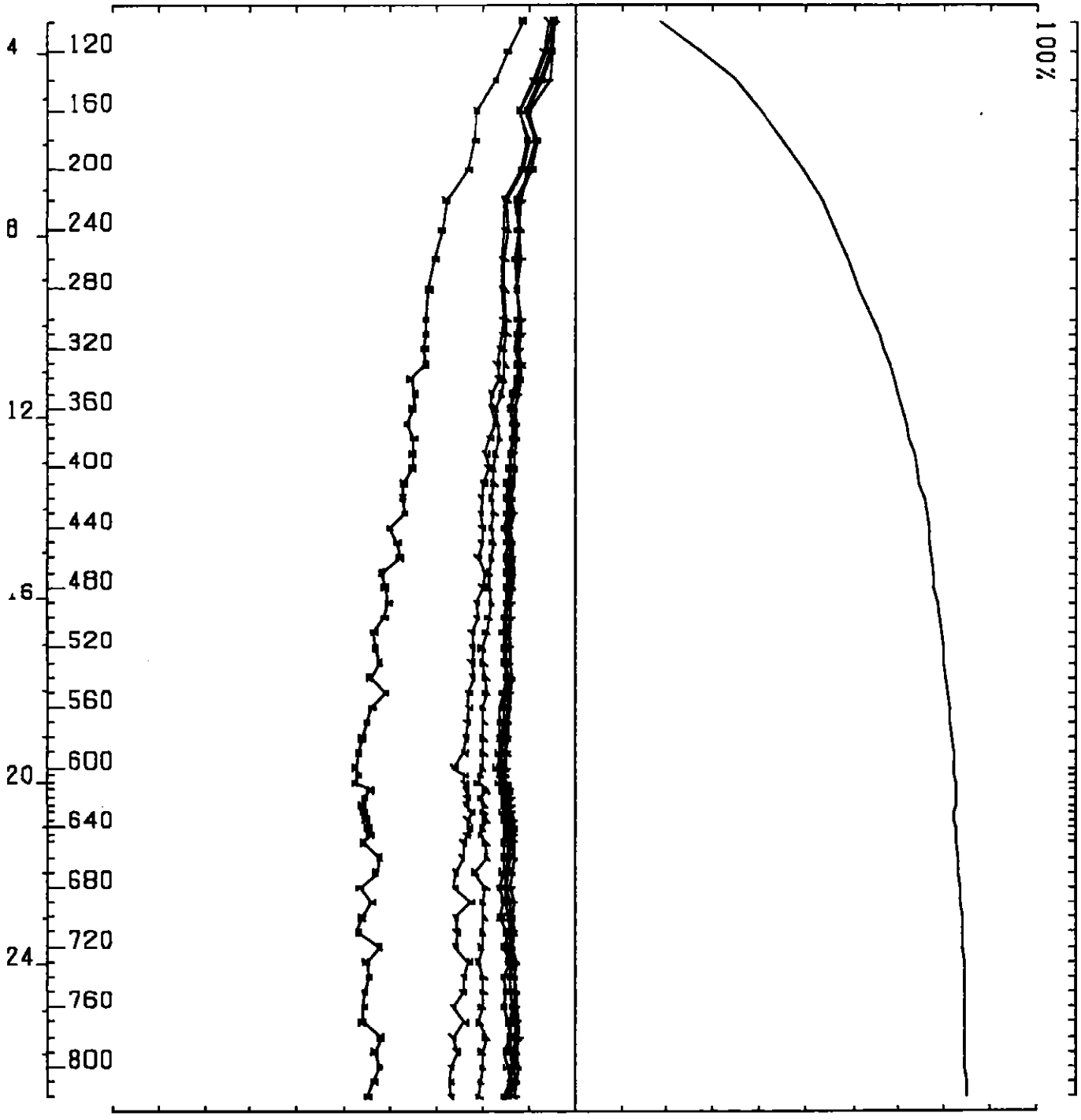
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 24TH JANUARY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB #501 BASE FREQ (HZ) 43.72
LOOP NO Z HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762283



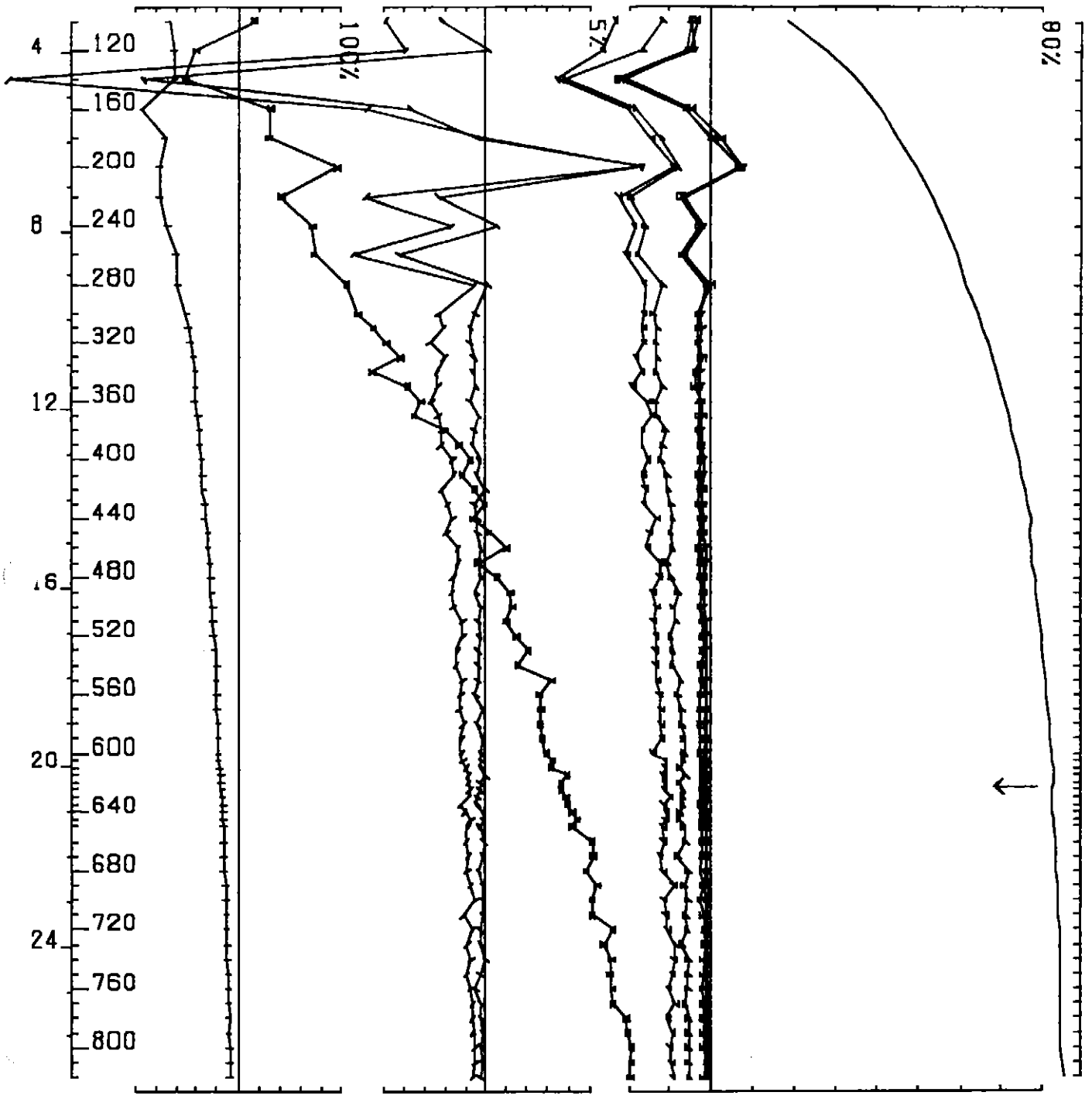
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 24TH JANUARY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9501 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CONTIN. NORM.

762284



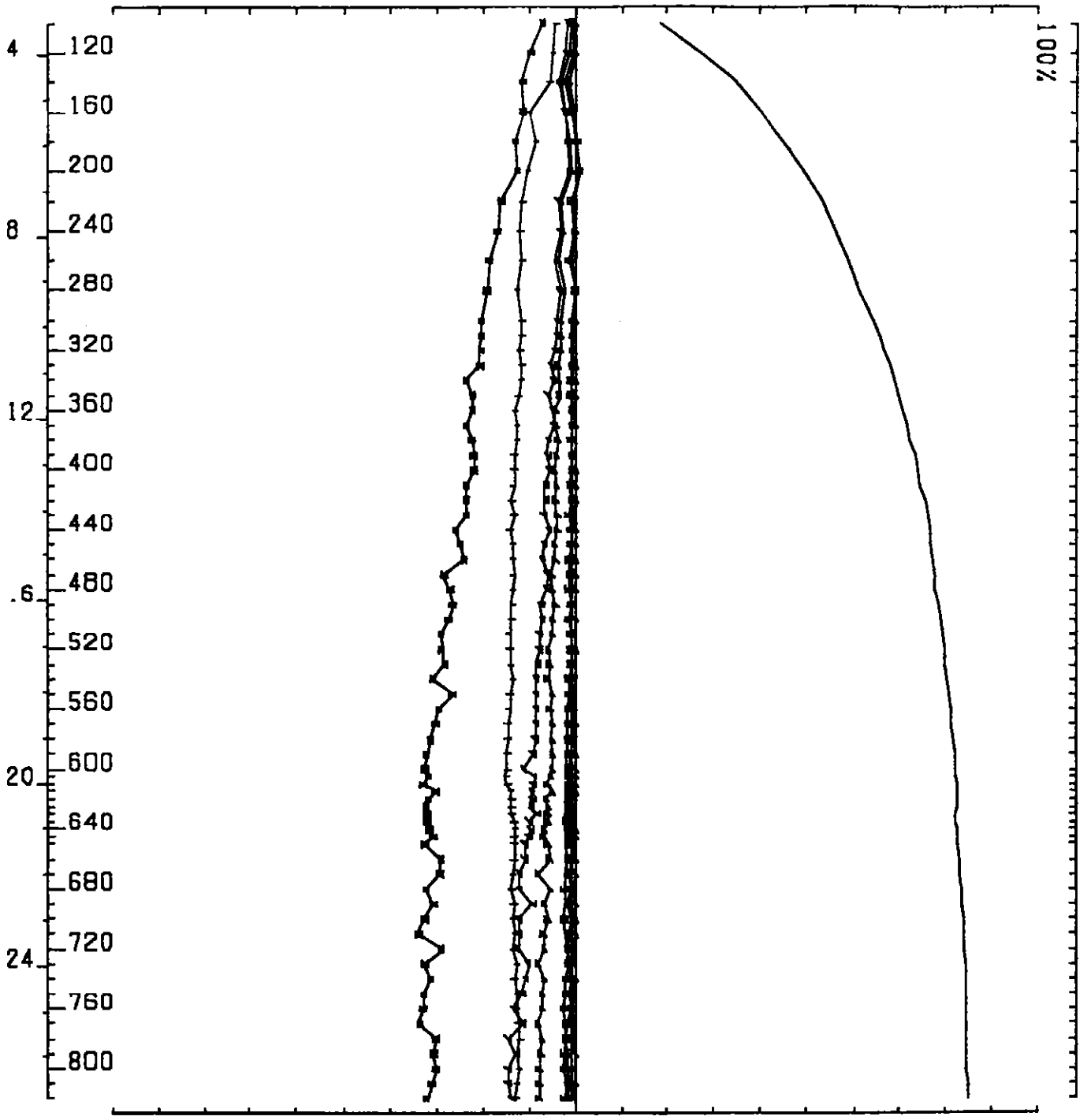
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 24TH JANUARY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9501 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CONTIN. NORM.

762285

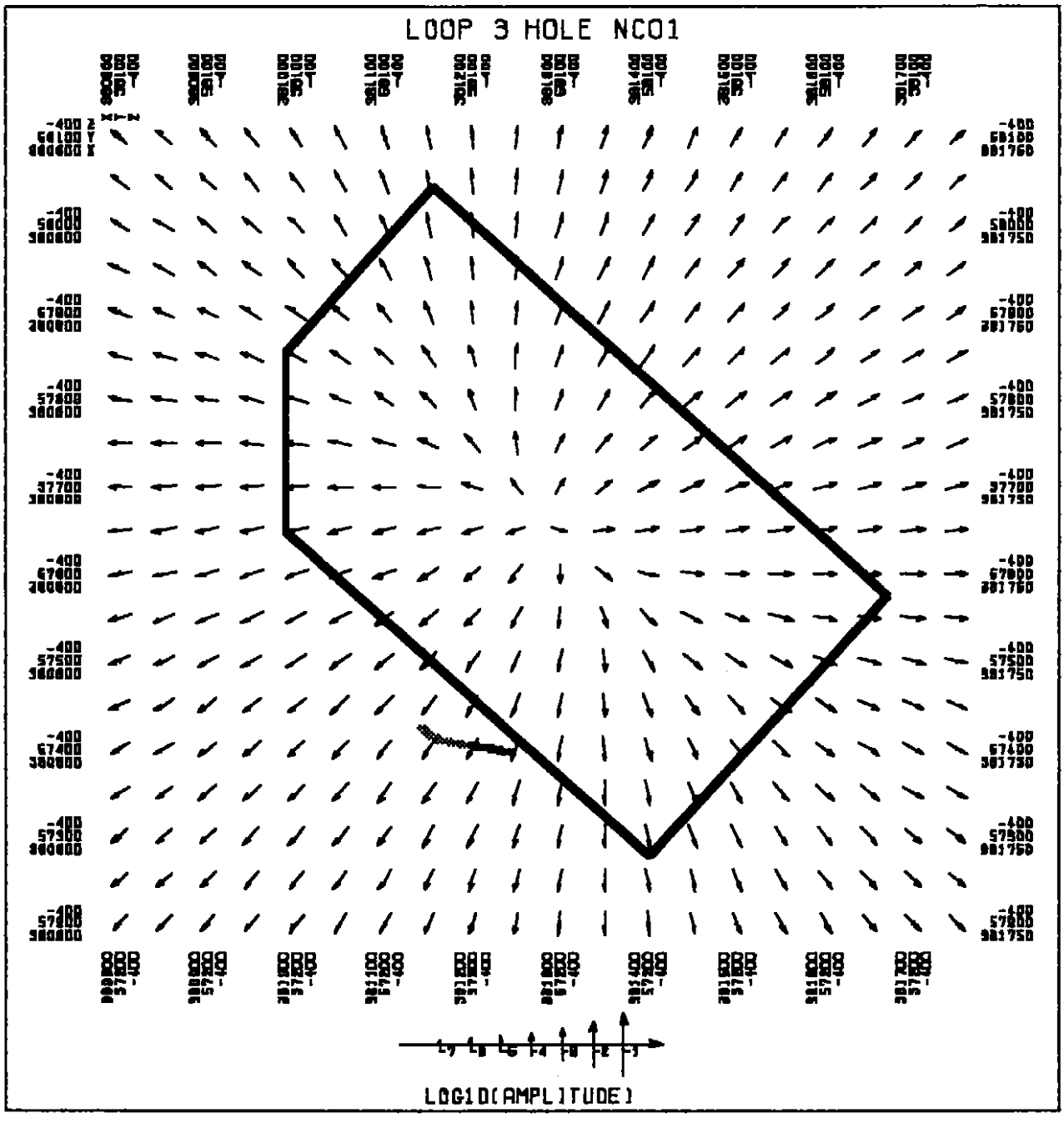


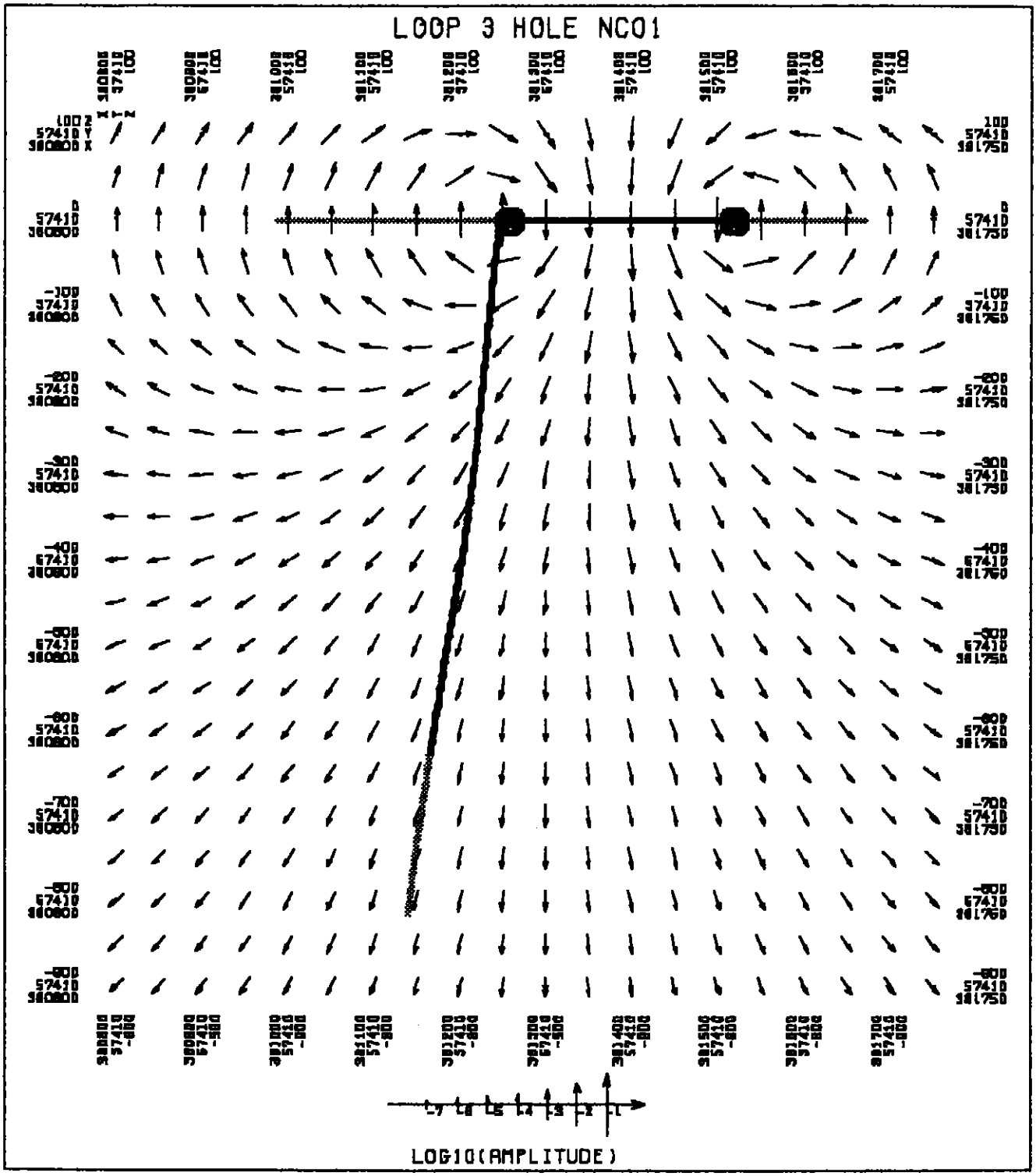
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 24TH JANUARY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 0501 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762286

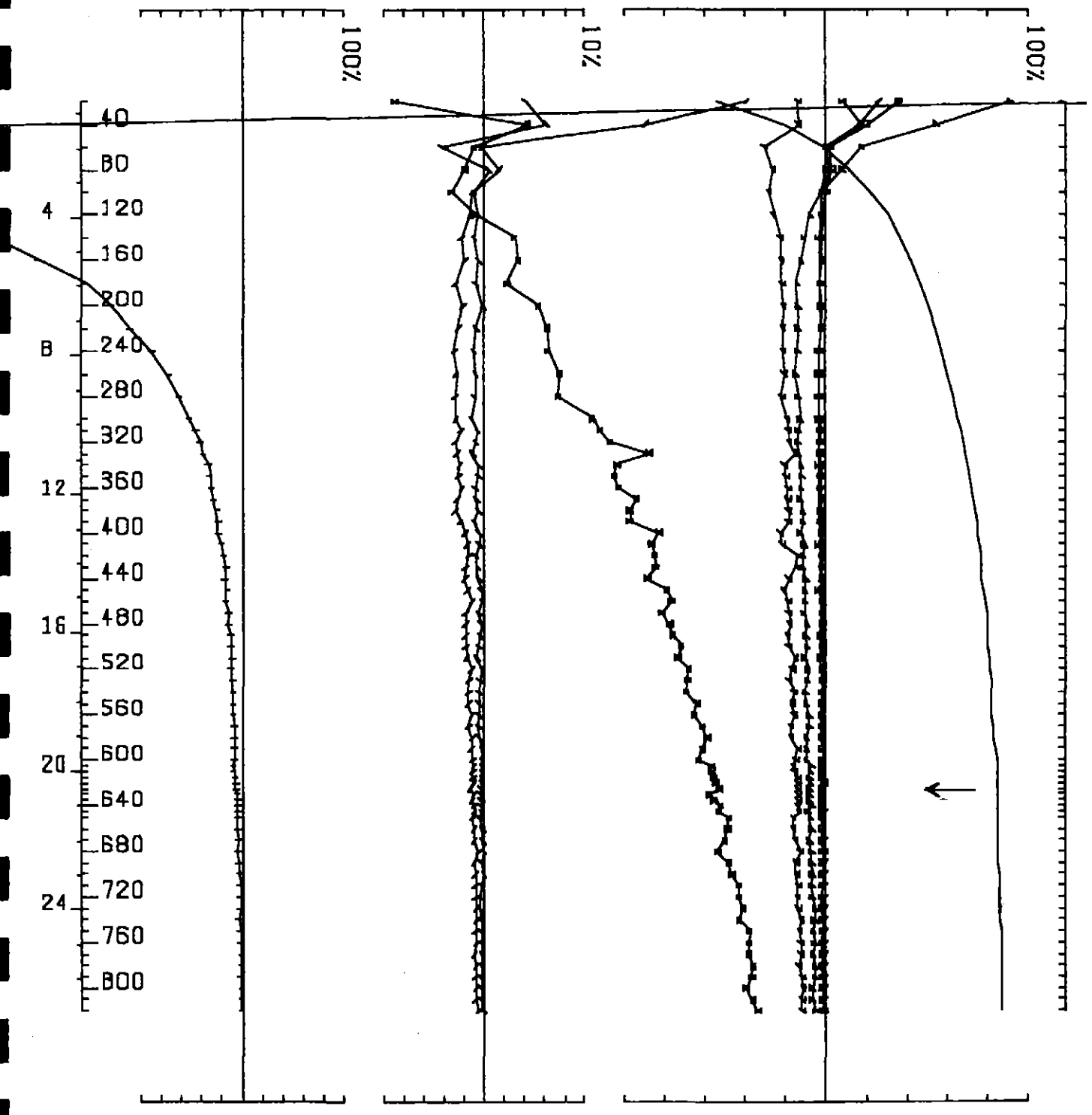


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 24TH JANUARY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9501 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.


LOOP 3 HOLE NCO1
LOG10(AMPLITUDE)

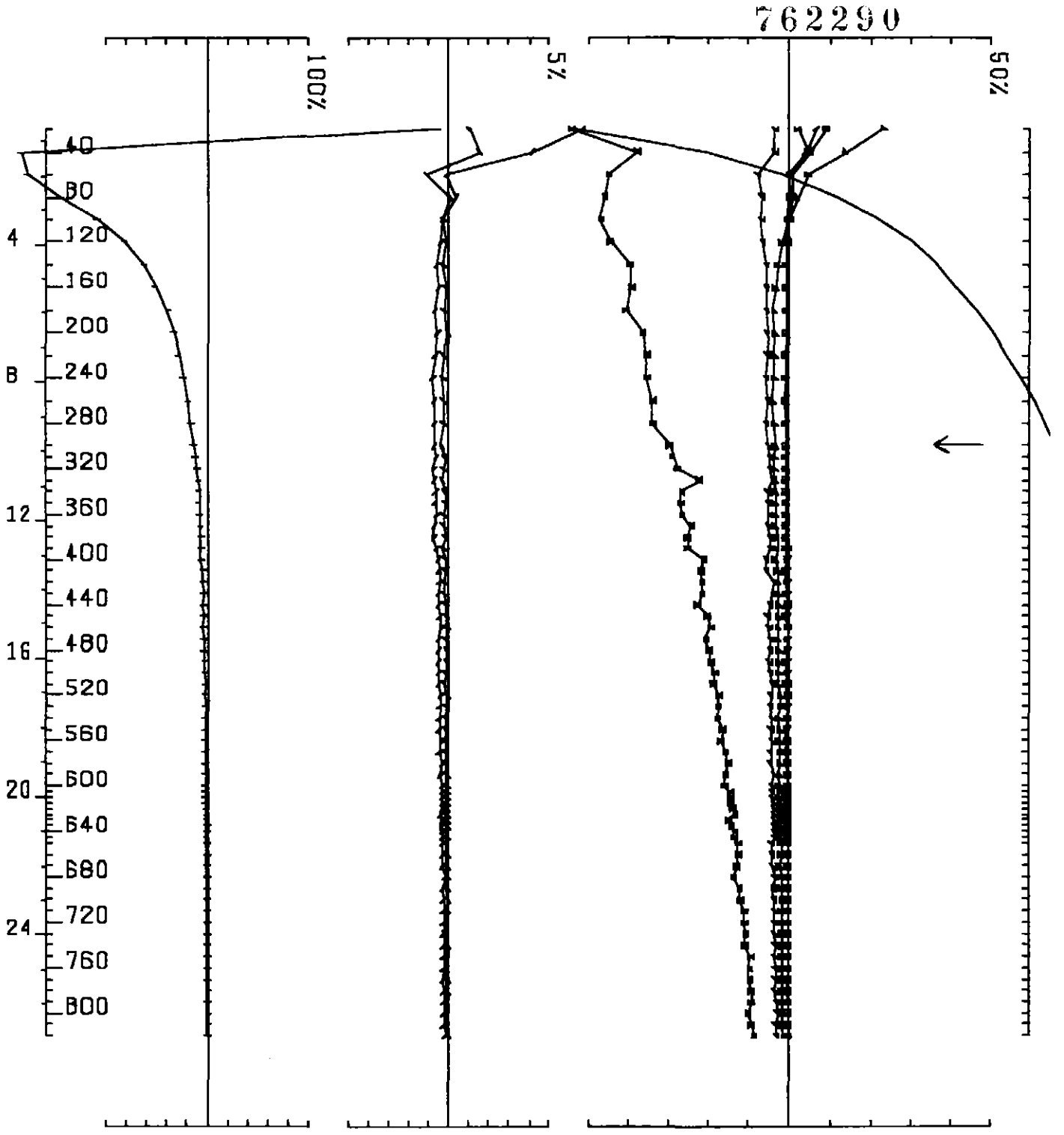

LOOP 3 HOLE NC01
LOG10(AMPLITUDE)

762289



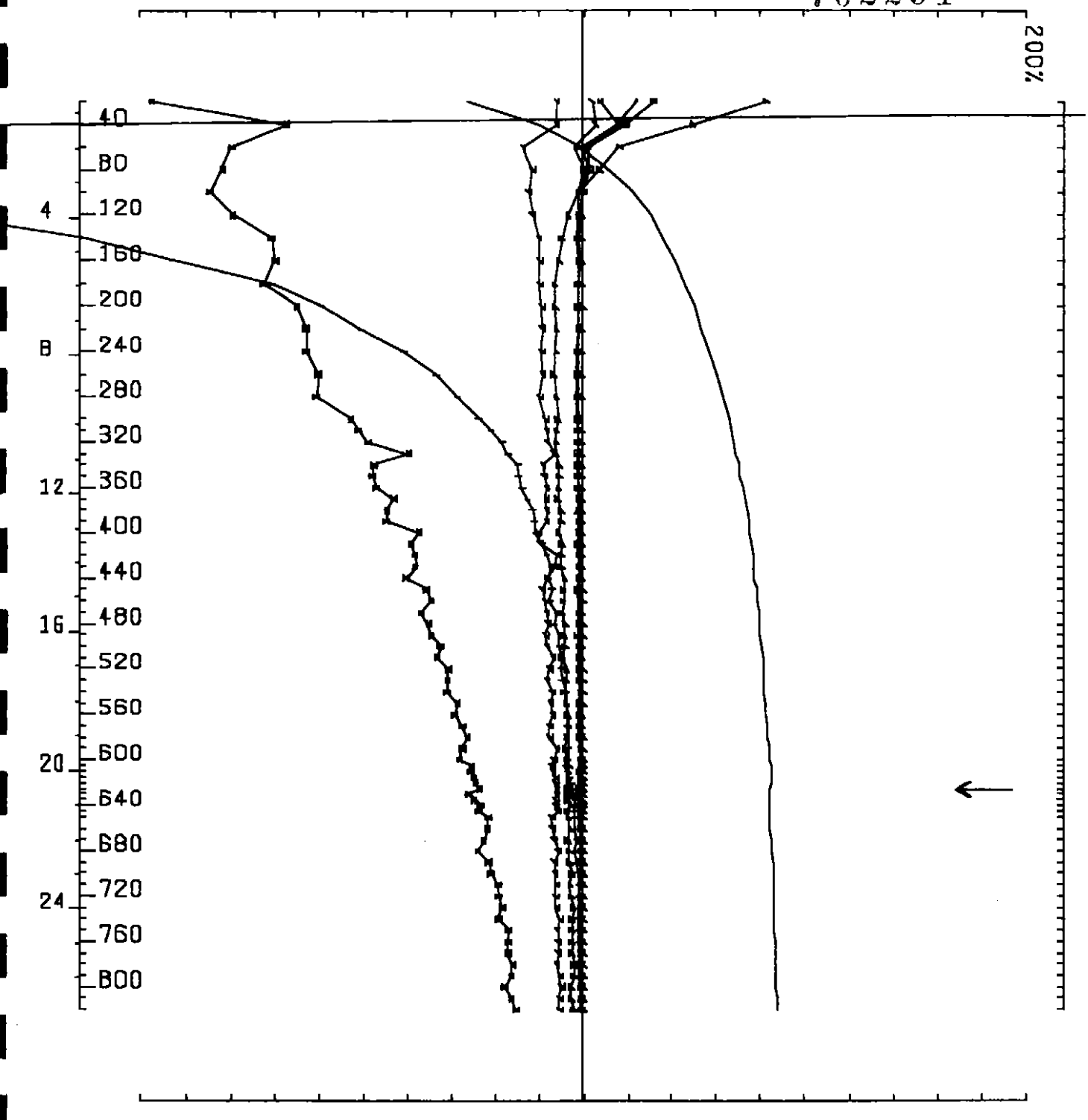
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 28TH MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 0503 BASE FREQ (HZ) 43.72
LOOP NO 3 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762290



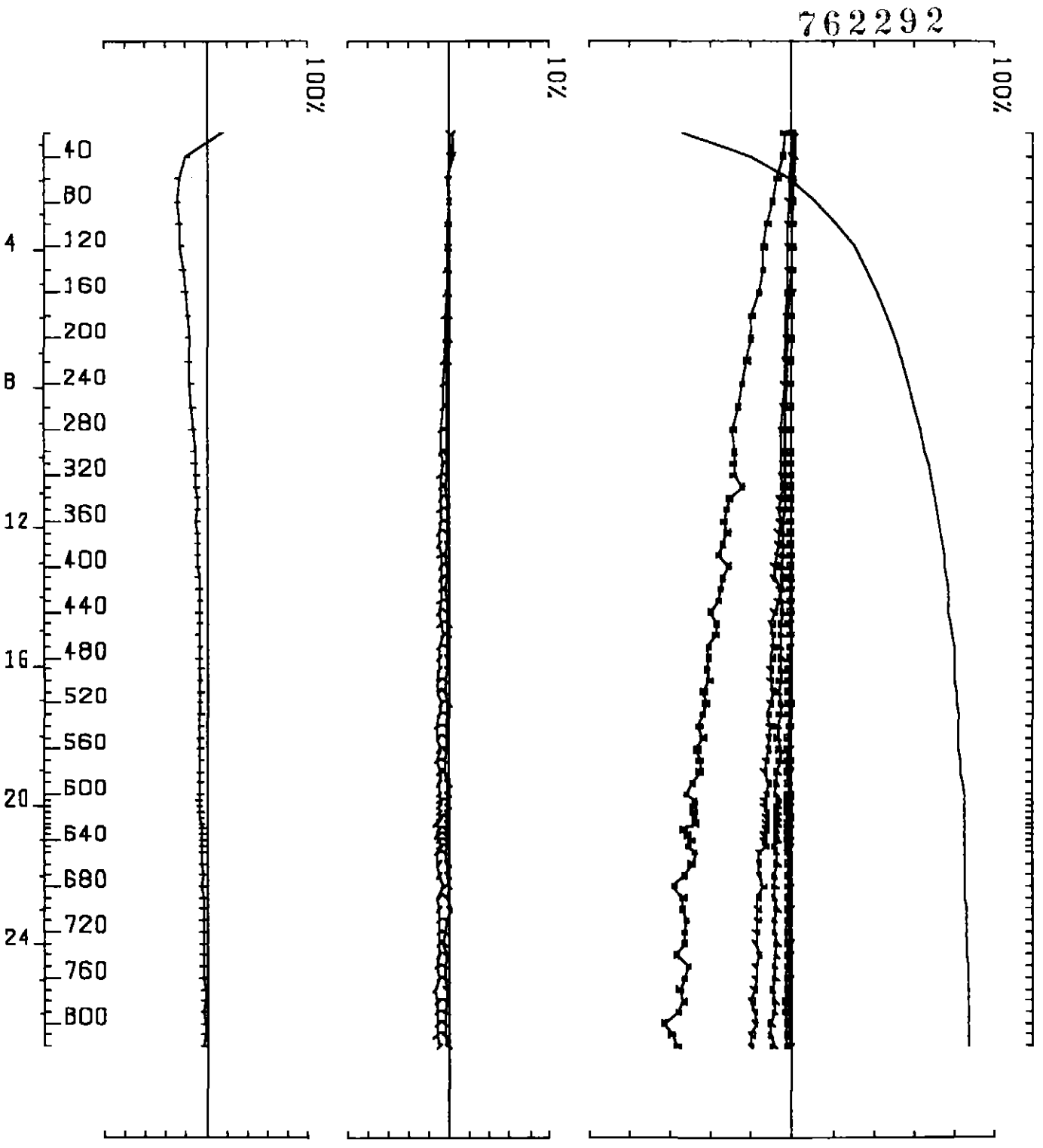
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 28TH MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 3 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762291



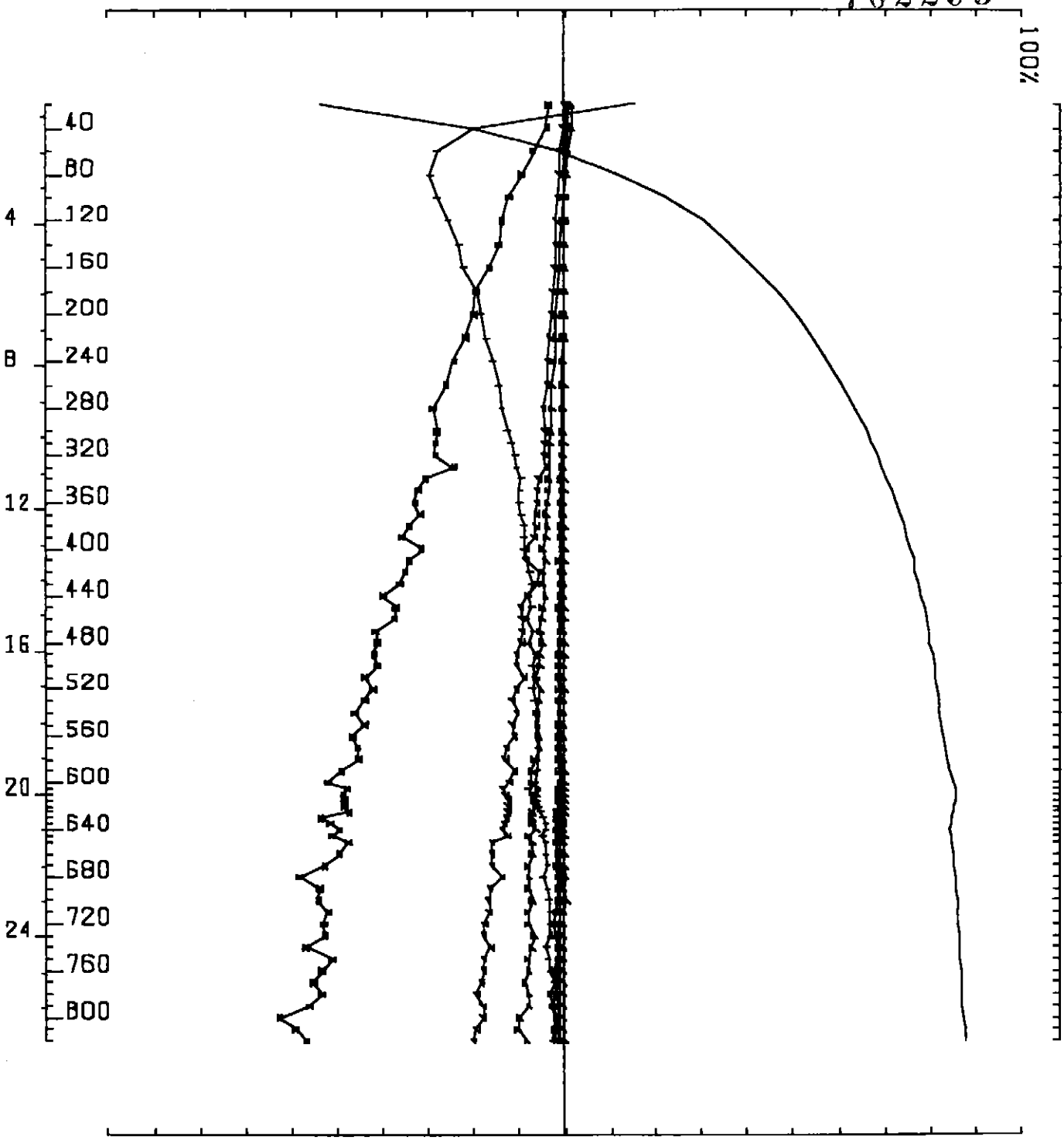
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 28TH MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 0503 BASE FREQ (HZ) 43.72
LOOP NO 3 HOLE NC01 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762292



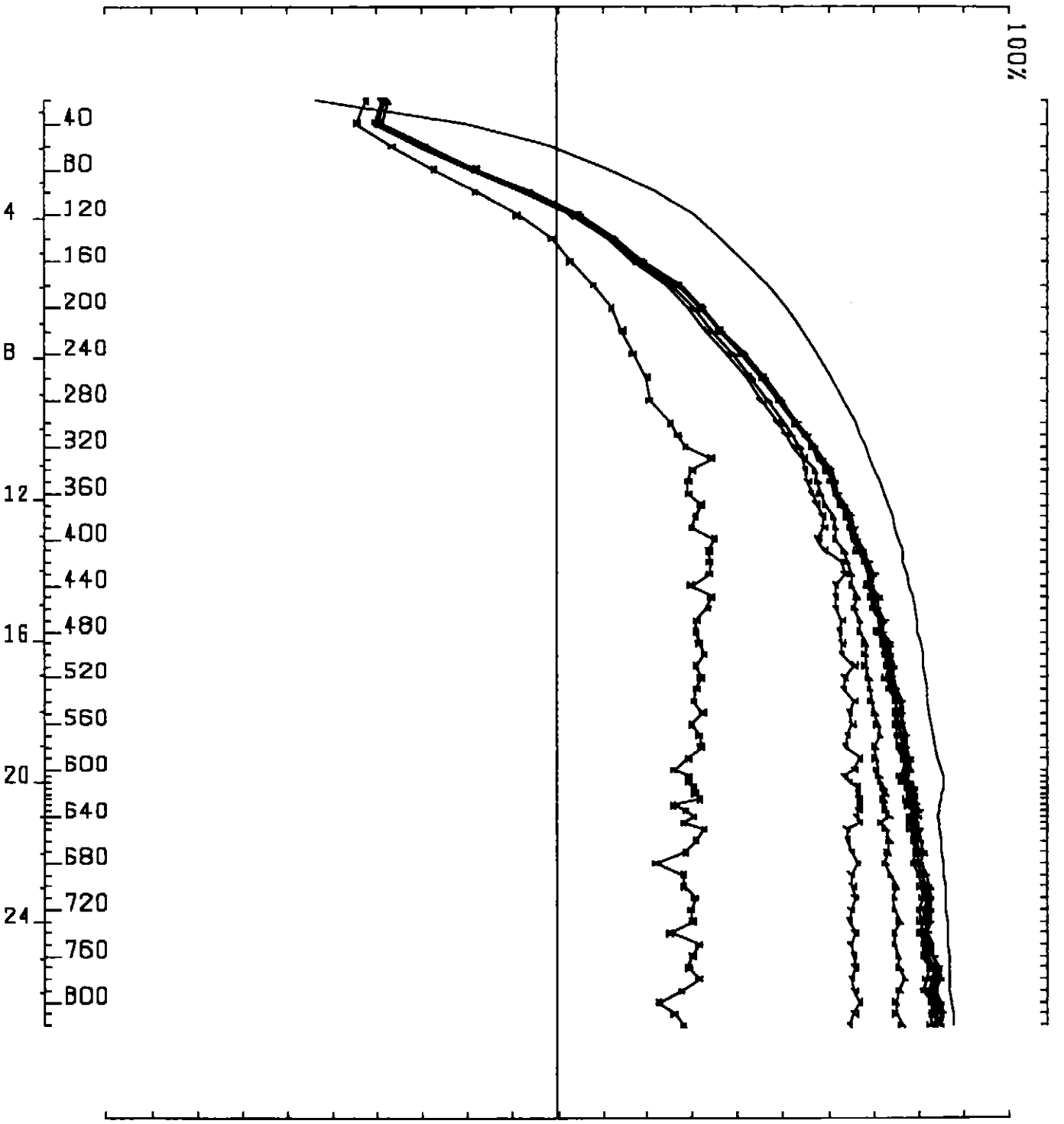
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 28TH MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 0503 BASE FREQ (HZ) 43.72
LOOP NO 3 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

762293

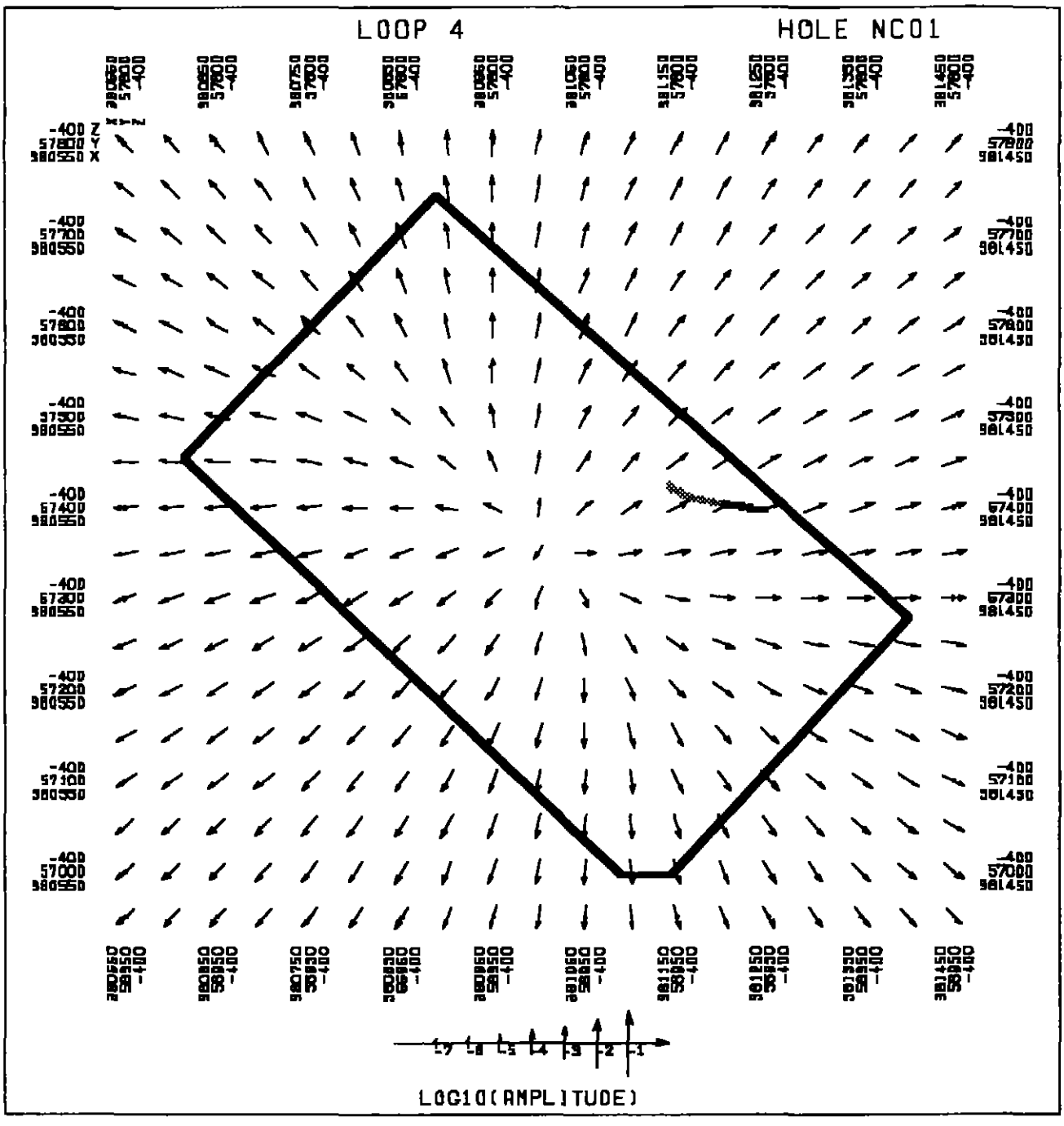


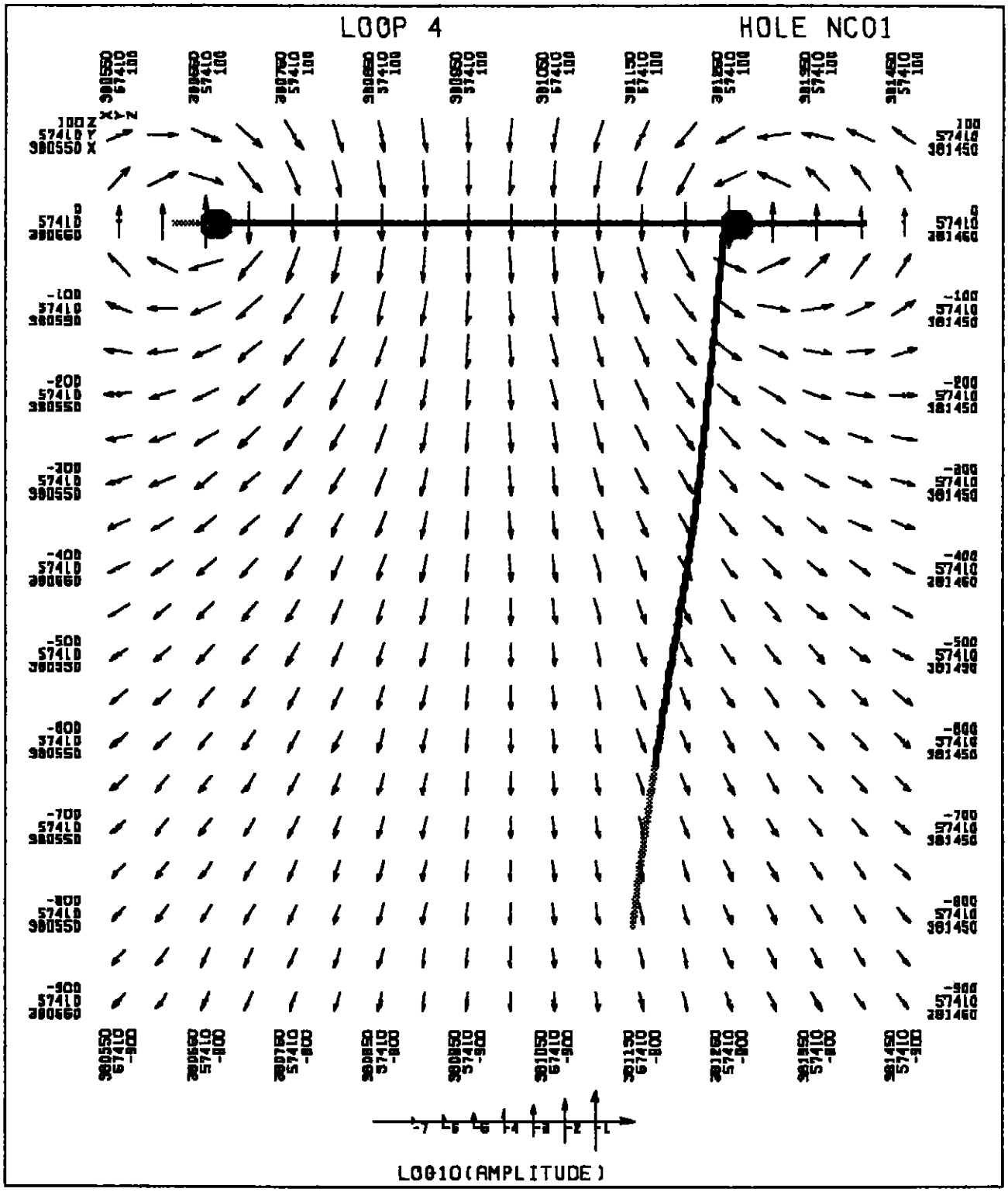
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 28TH MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 3 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

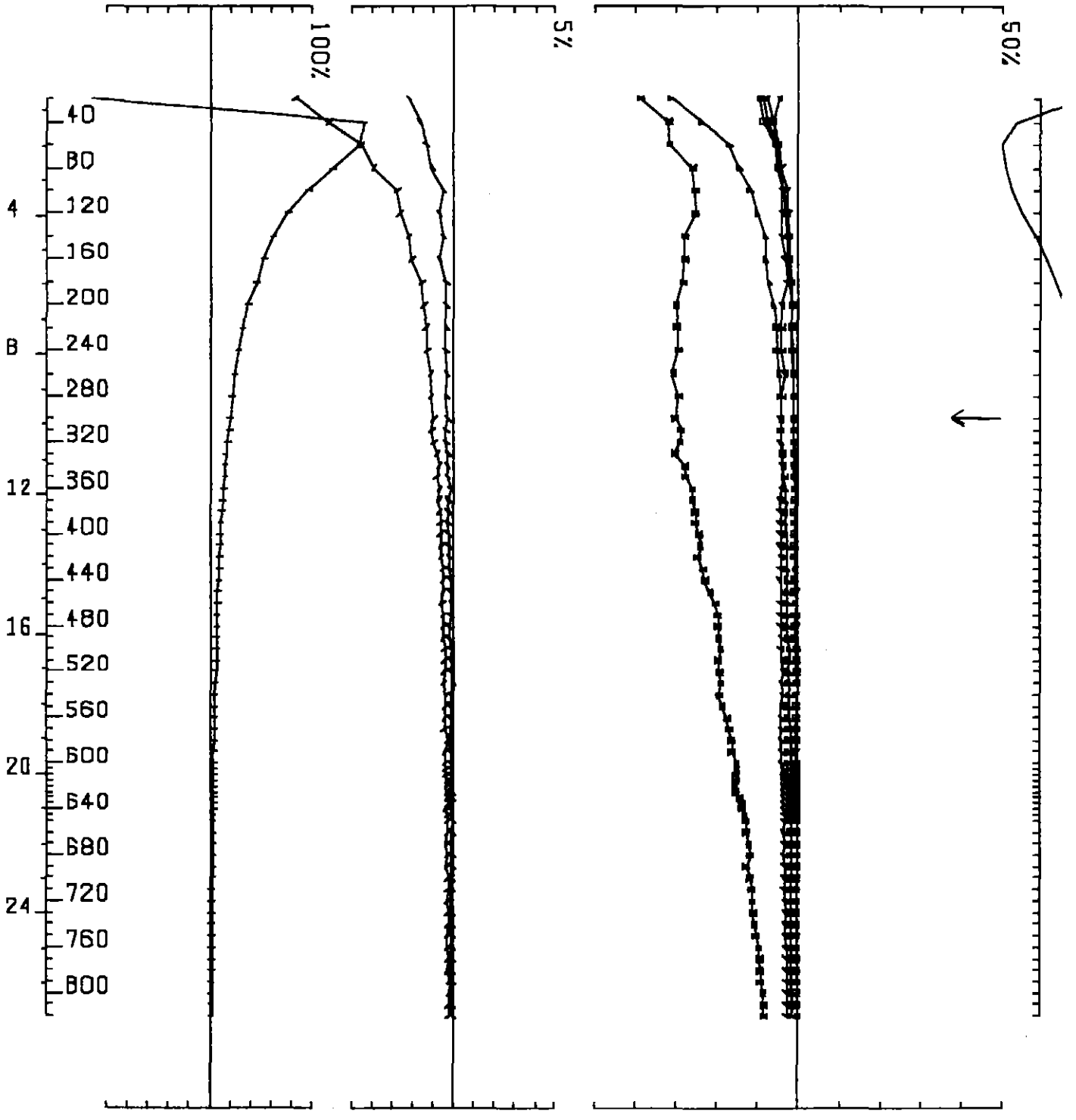
762294



UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 28TH MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 3 HOLE NCOL AXIAL COMPONENT TOTAL FIELD CONTIN. NORM.

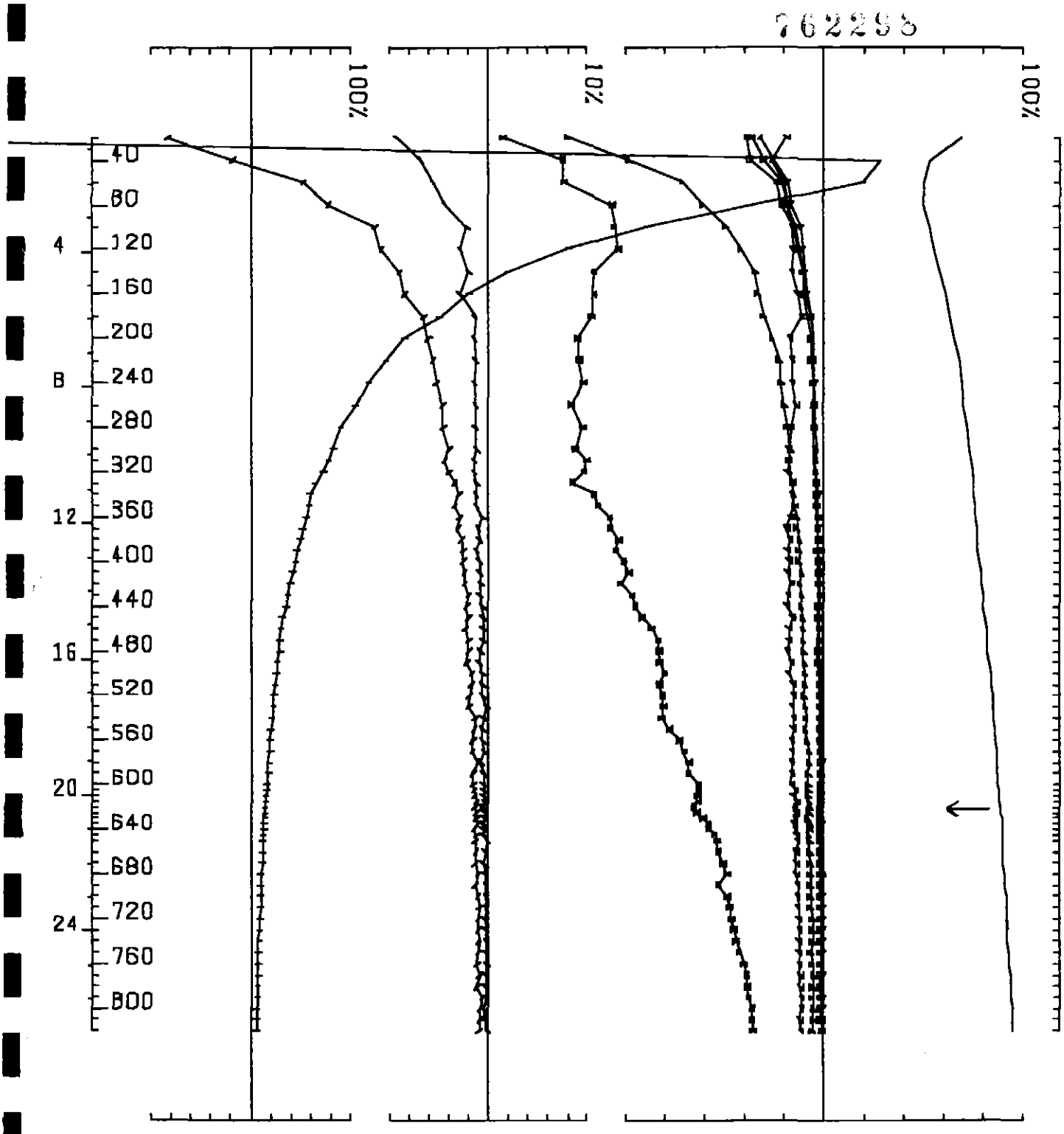

LOOP 4
HOLE NC01
LOG10(AMPLITUDE)


LOOP 4
HOLE NC01
LOG10(AMPLITUDE)

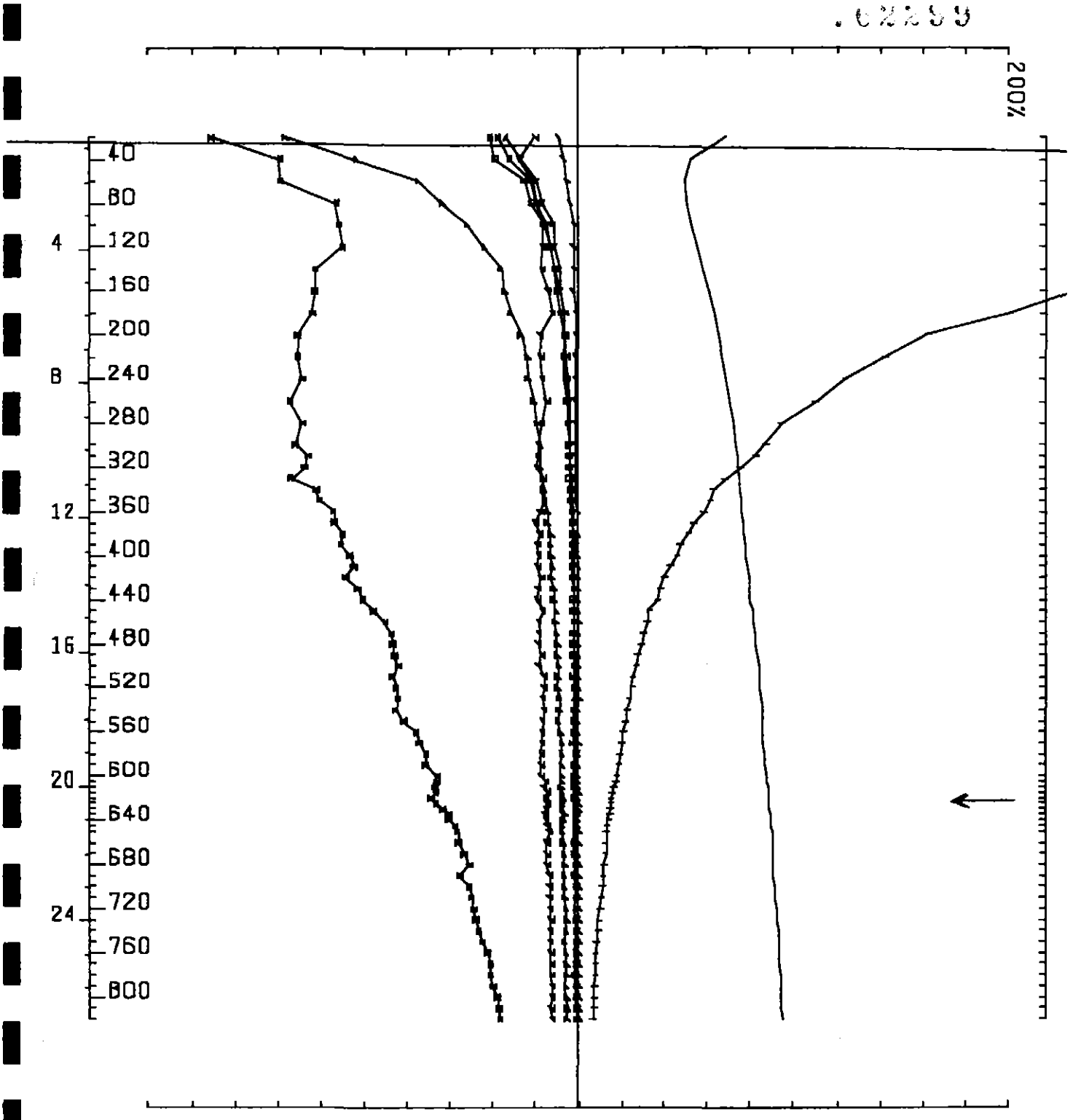


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 29TH MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 0503 BASE FREQ (HZ) 43.72
LOOP NO 4 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

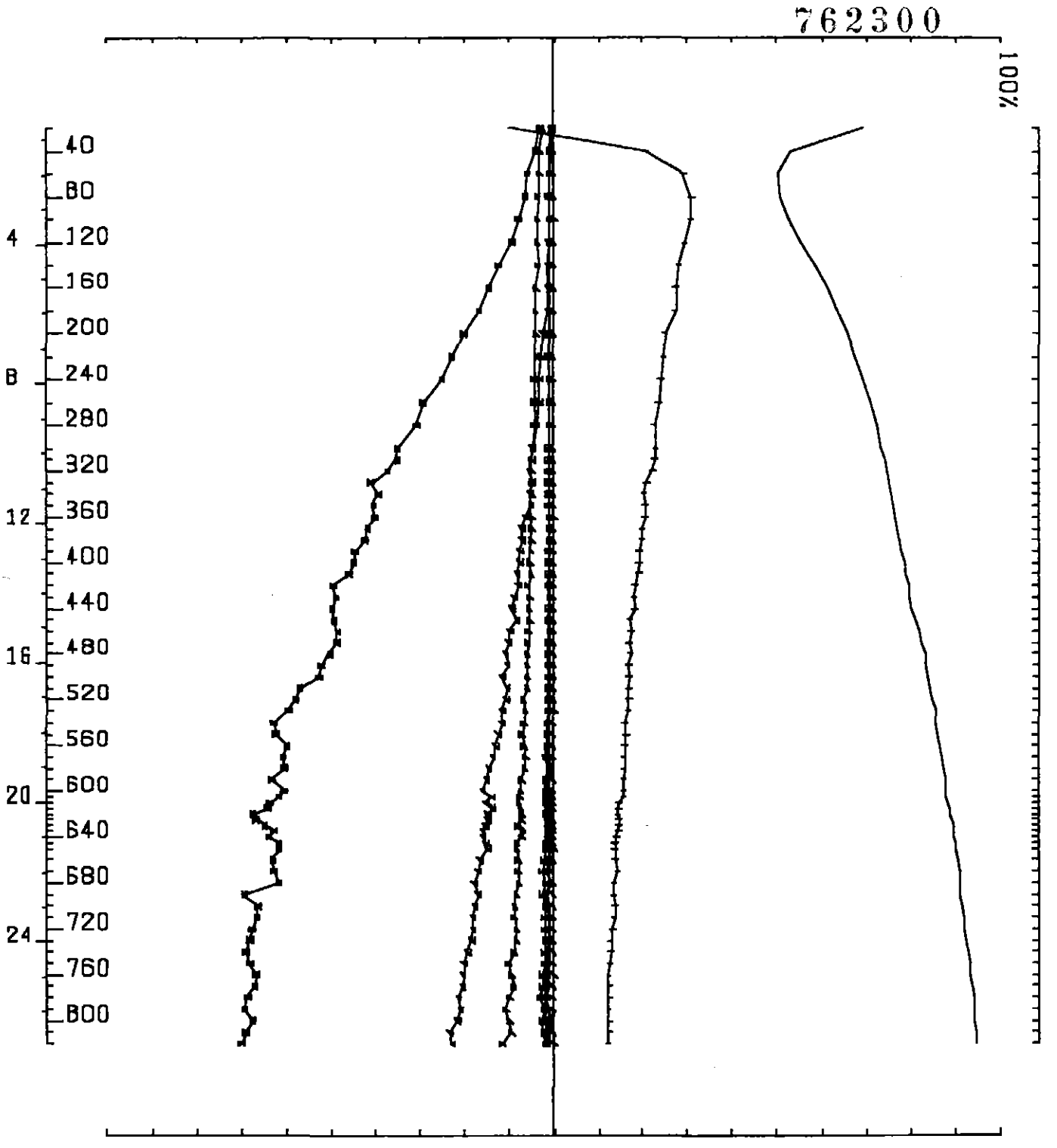
762295



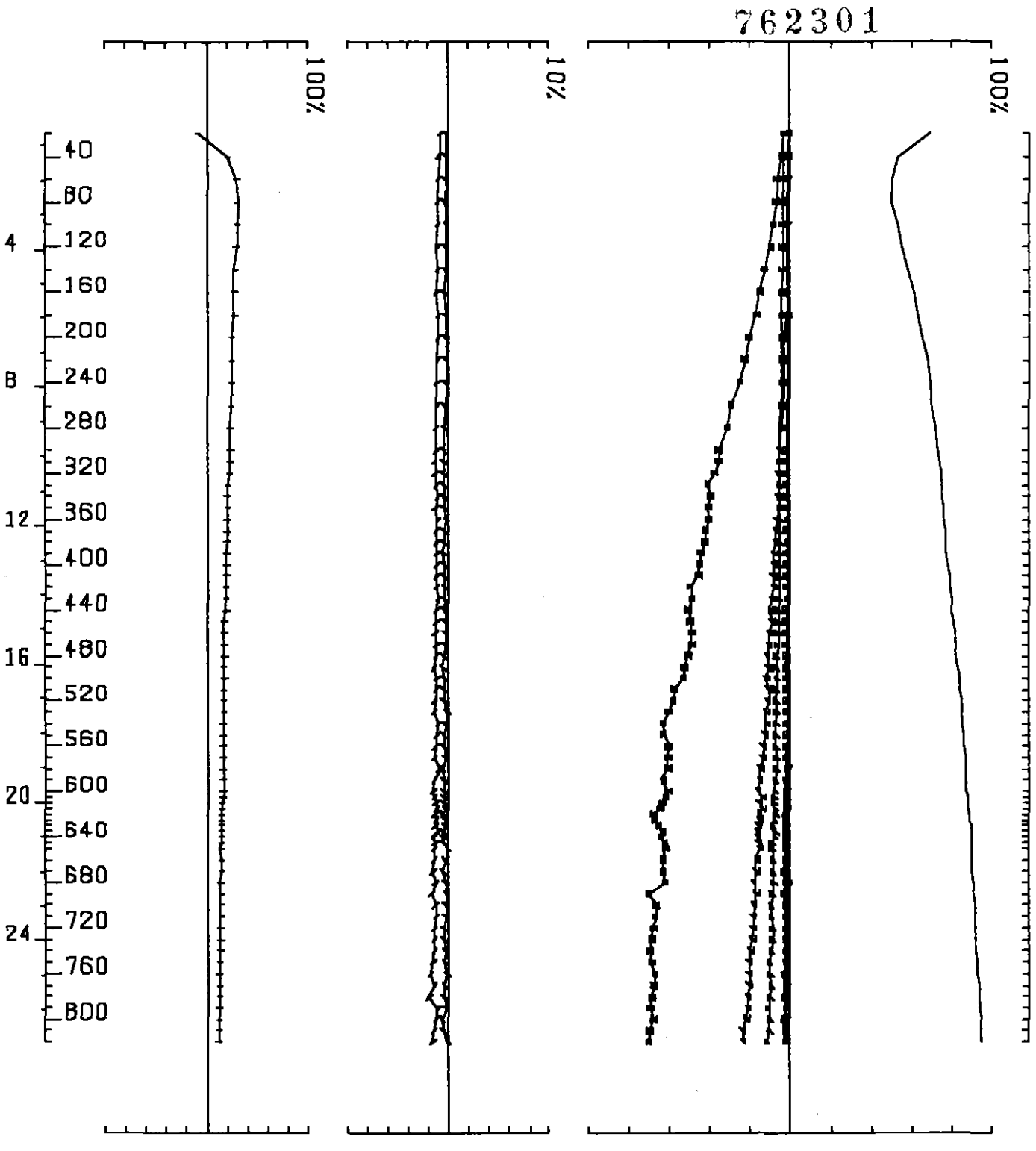
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 29TH MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 0503 BASE FREQ (HZ) 43.72
LOOP NO 4 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.



UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 29TH MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 4 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

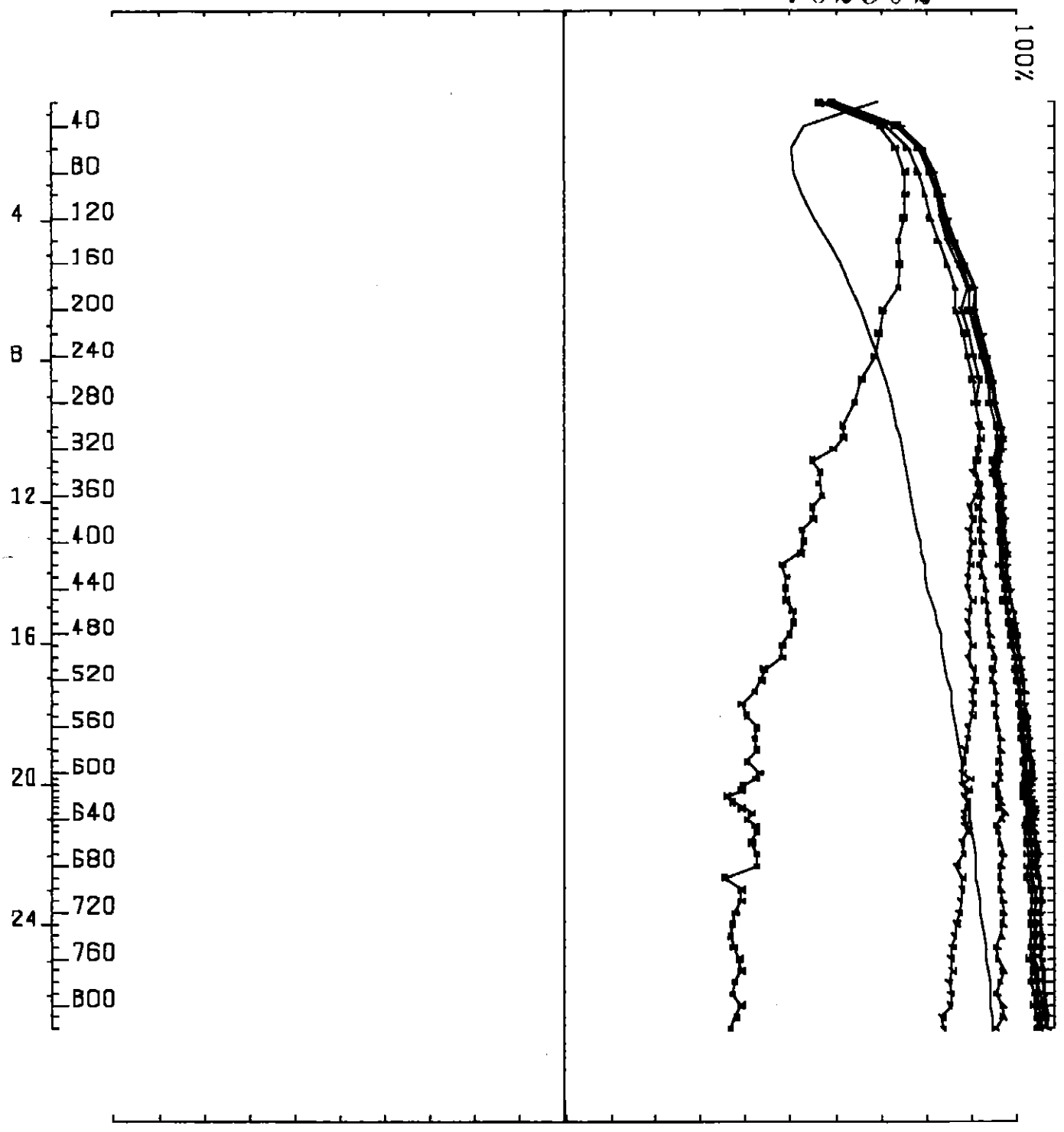


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 29TH MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 4 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

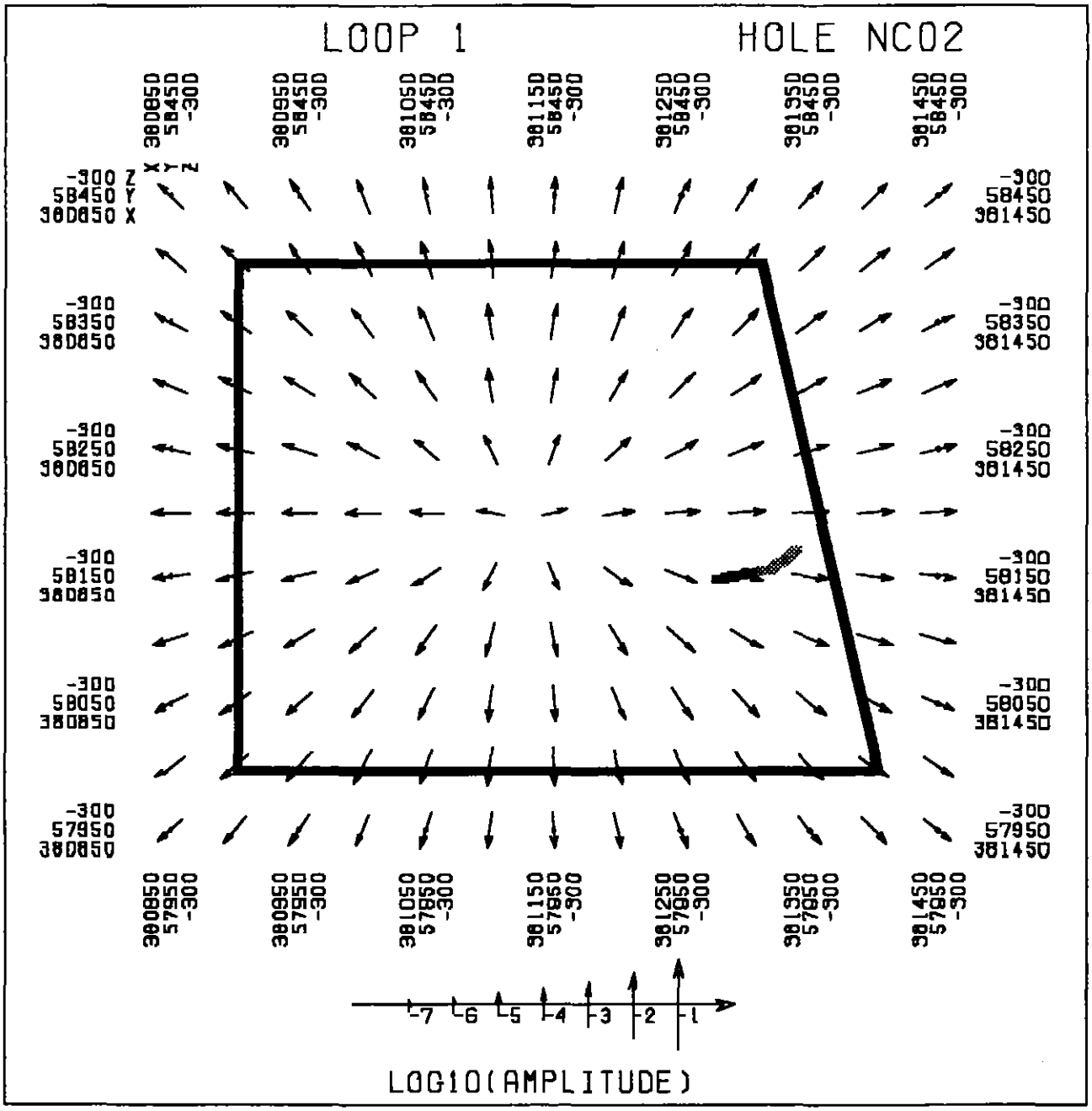


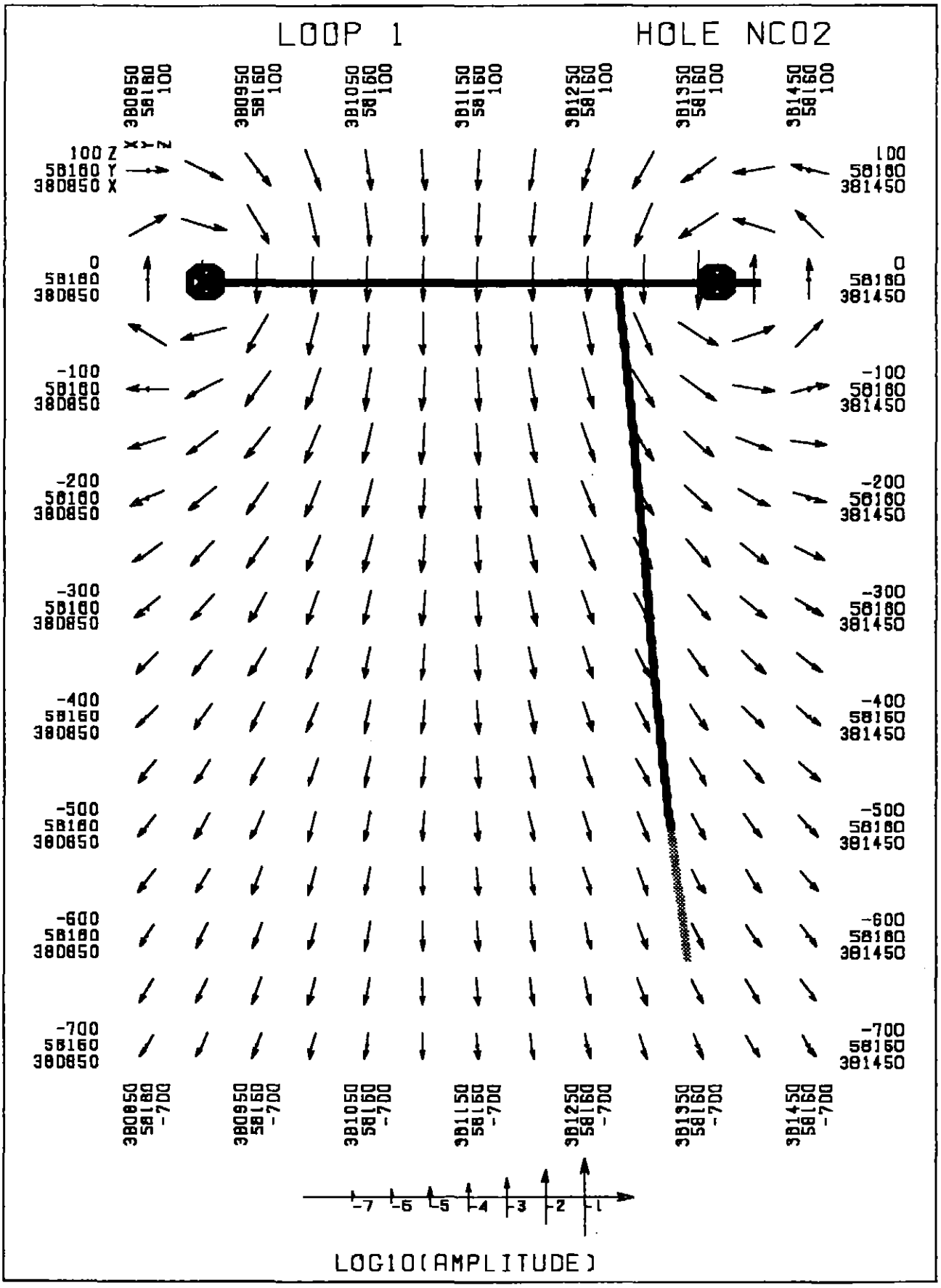
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 29TH MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 4 HOLE NCOL AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

762302

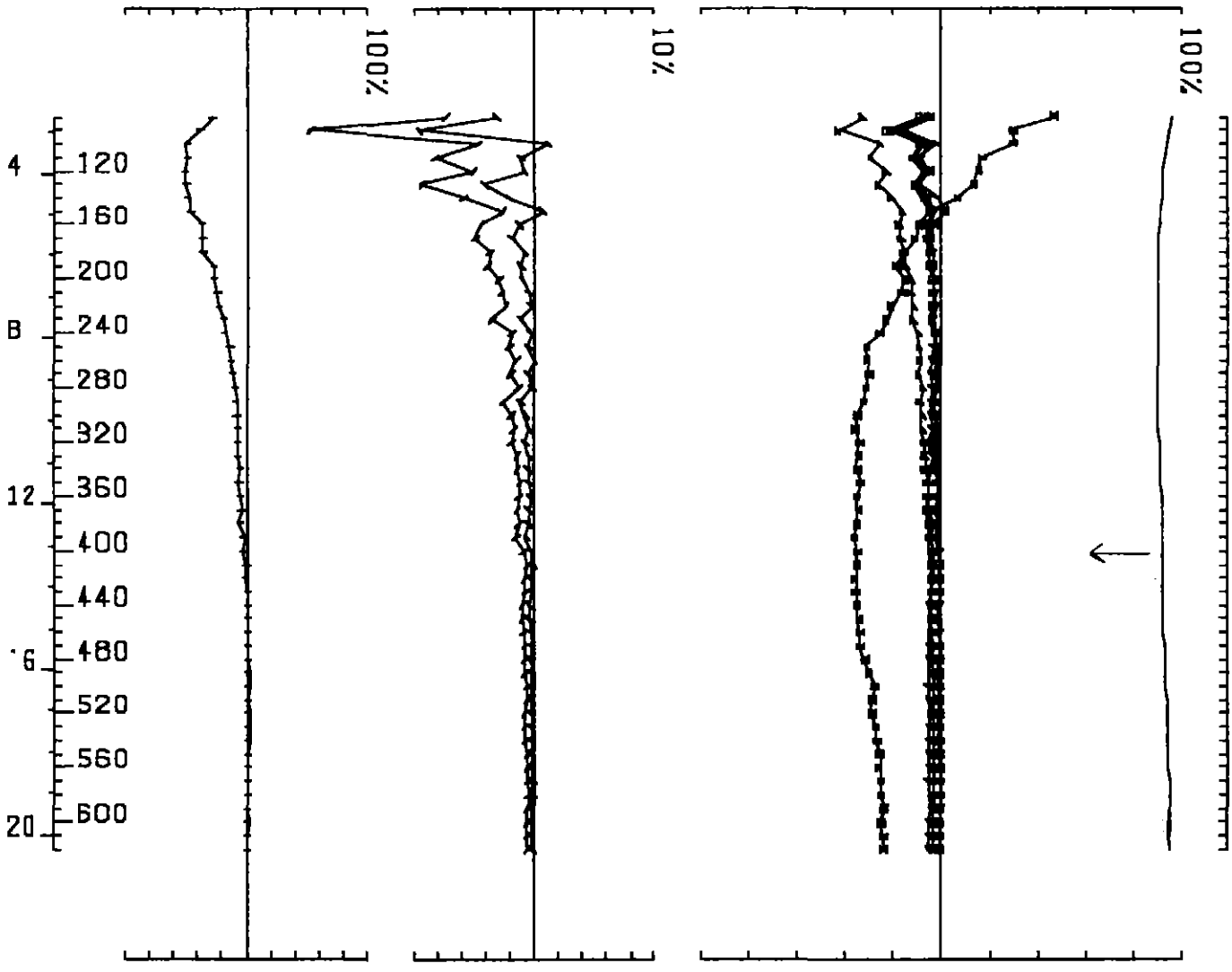


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 29TH MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 4 HOLE NCOL AXIAL COMPONENT TOTAL FIELD CONTIN. NORM.


LOOP 1
HOLE NC02
LOG10(AMPLITUDE)

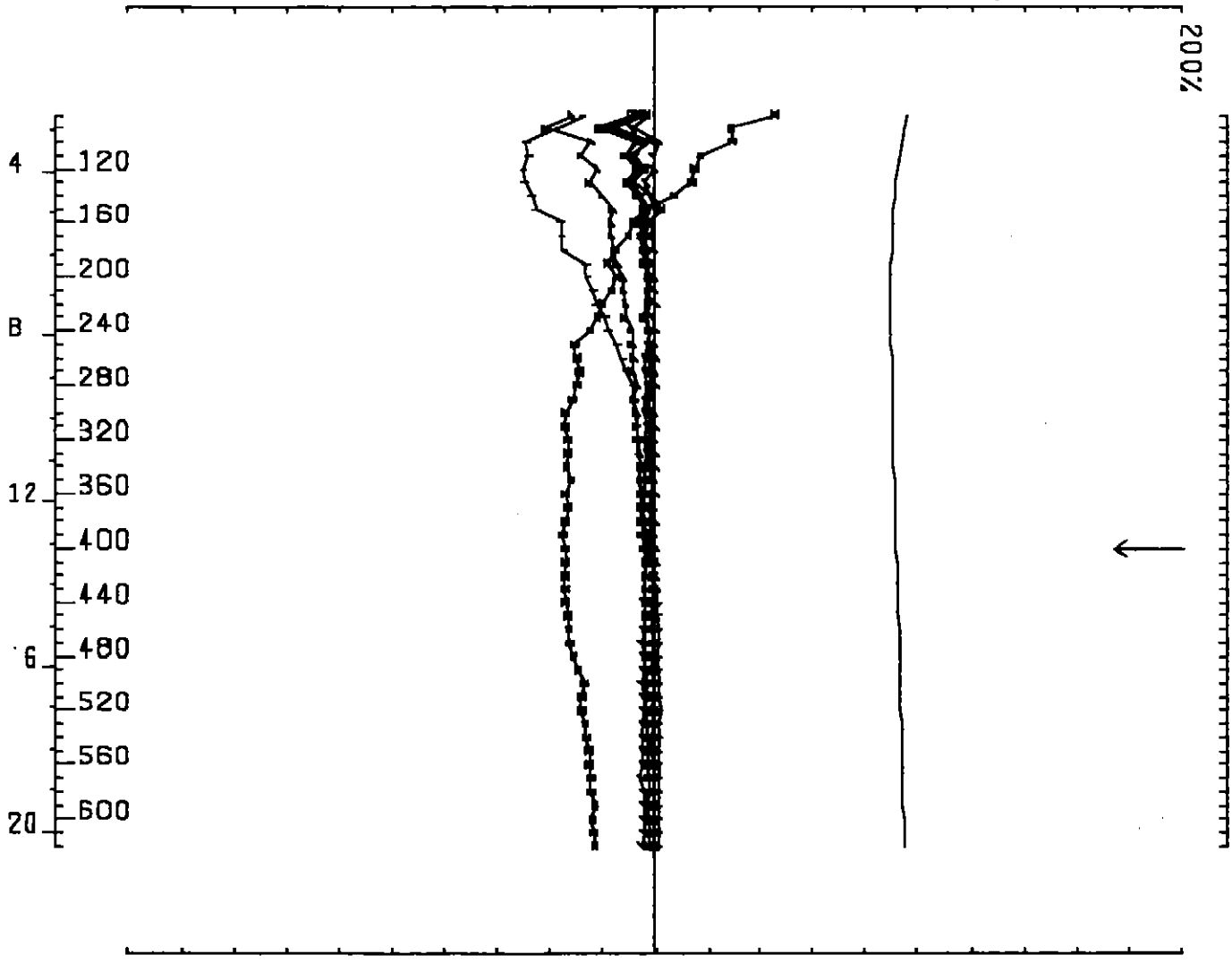

LOOP 1
HOLE NC02
380850 58160 100
380950 58160 100
381050 58160 100
381150 58160 100
381250 58160 100
381350 58160 100
381450 58160 100
100 Z X Y Z
58160 Y
380850 X
0
-100
-200
-300
-400
-500
-600
-700
380850 58160 -700
380950 58160 -700
381050 58160 -700
381150 58160 -700
381250 58160 -700
381350 58160 -700
381450 58160 -700
-7 -6 -5 -4 -3 -2 -1
LOG10(AMPLITUDE)

762305



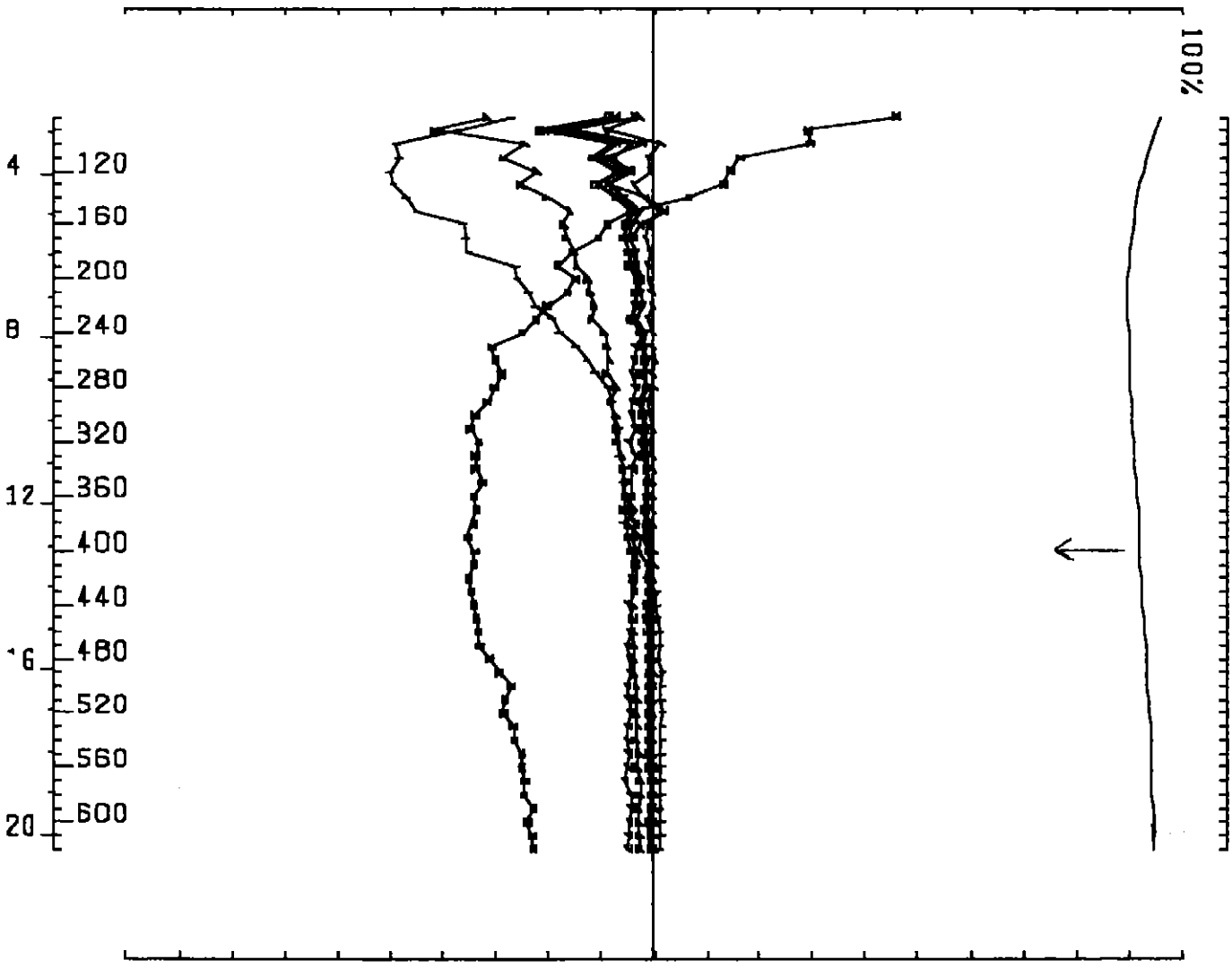
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 1ST APRIL 1985
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 8503 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC02 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762306



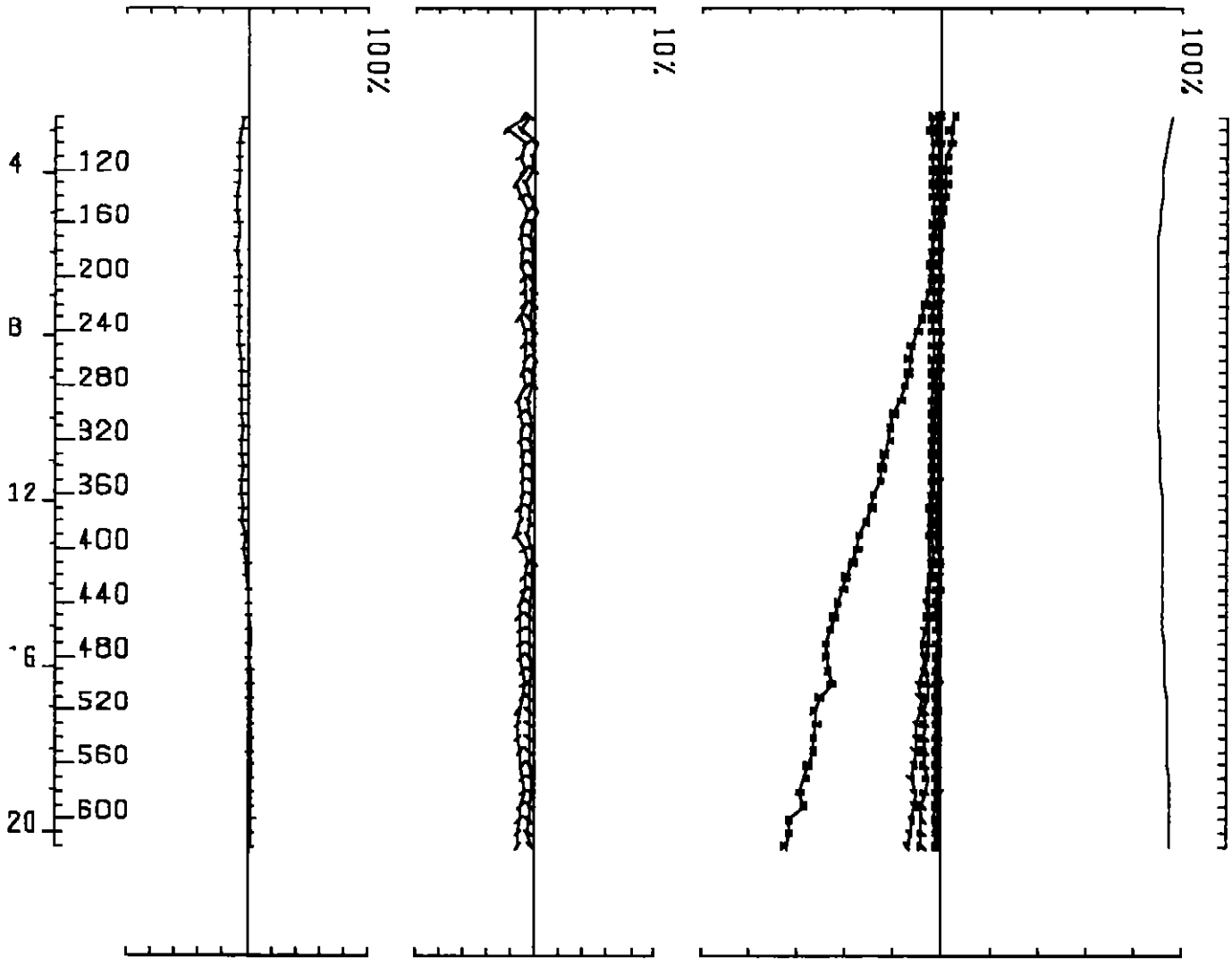
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 1ST APRIL 1985
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC02 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762307



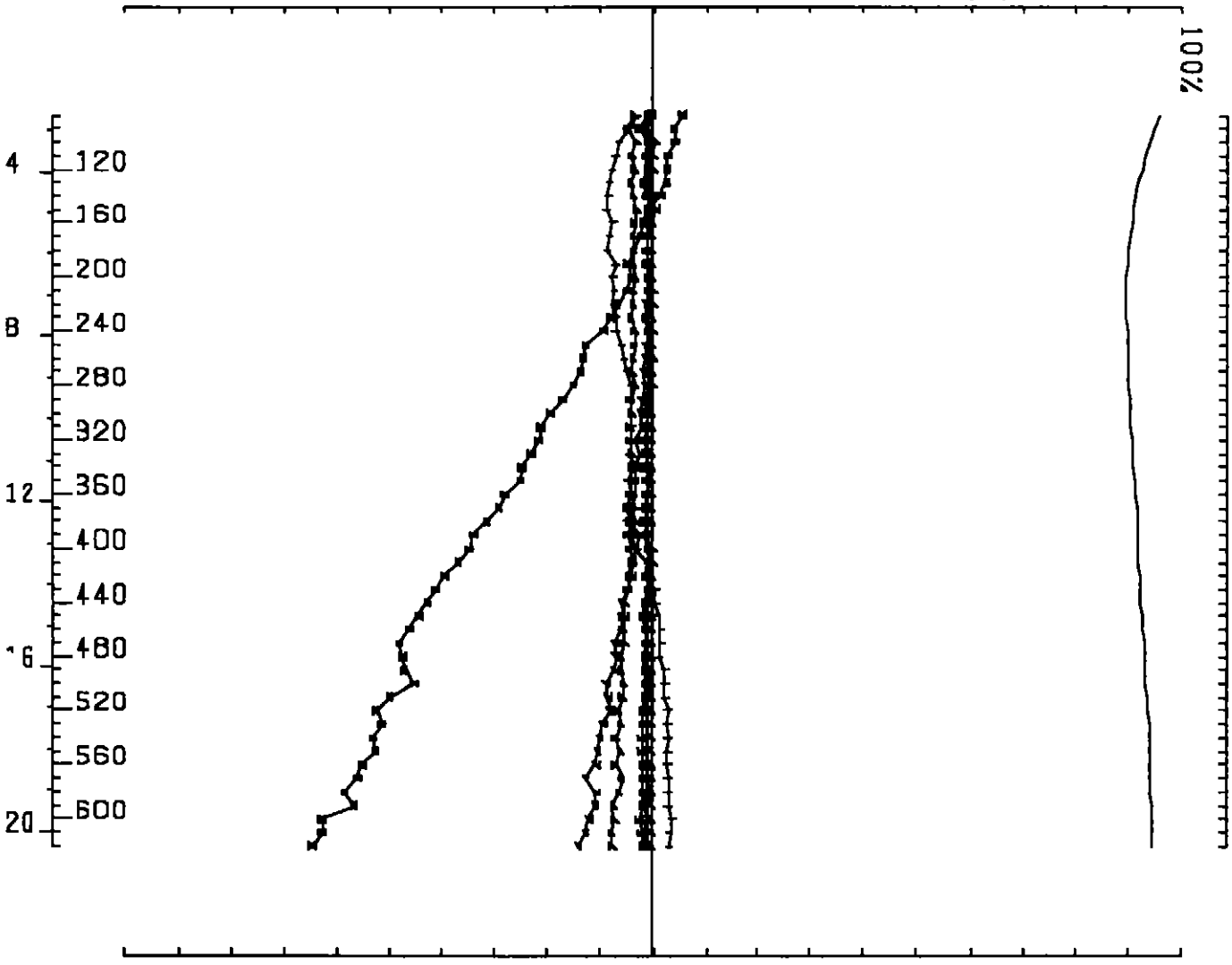
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 1ST APRIL 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC02 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762308



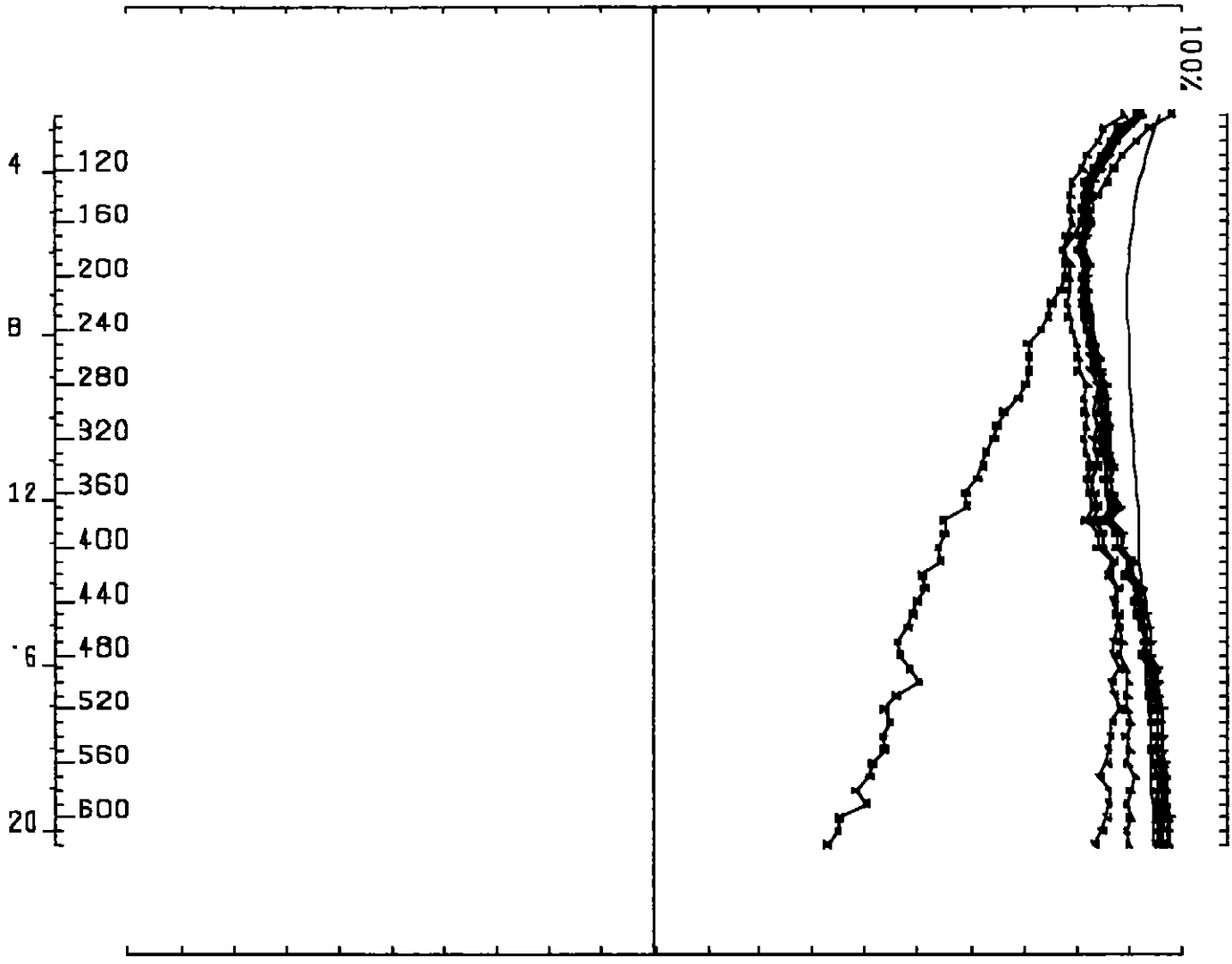
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 1ST APRIL 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC02 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

762309

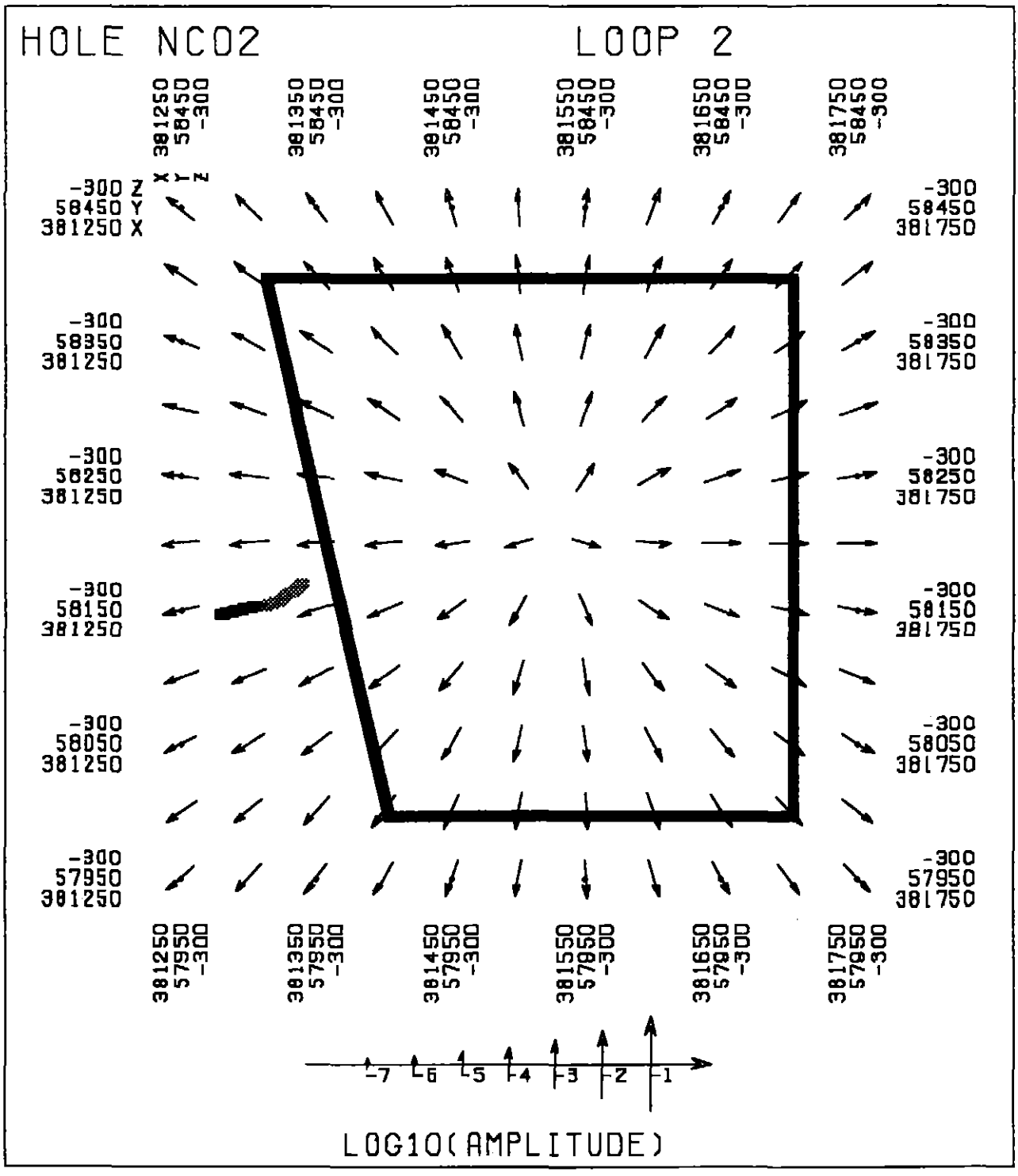


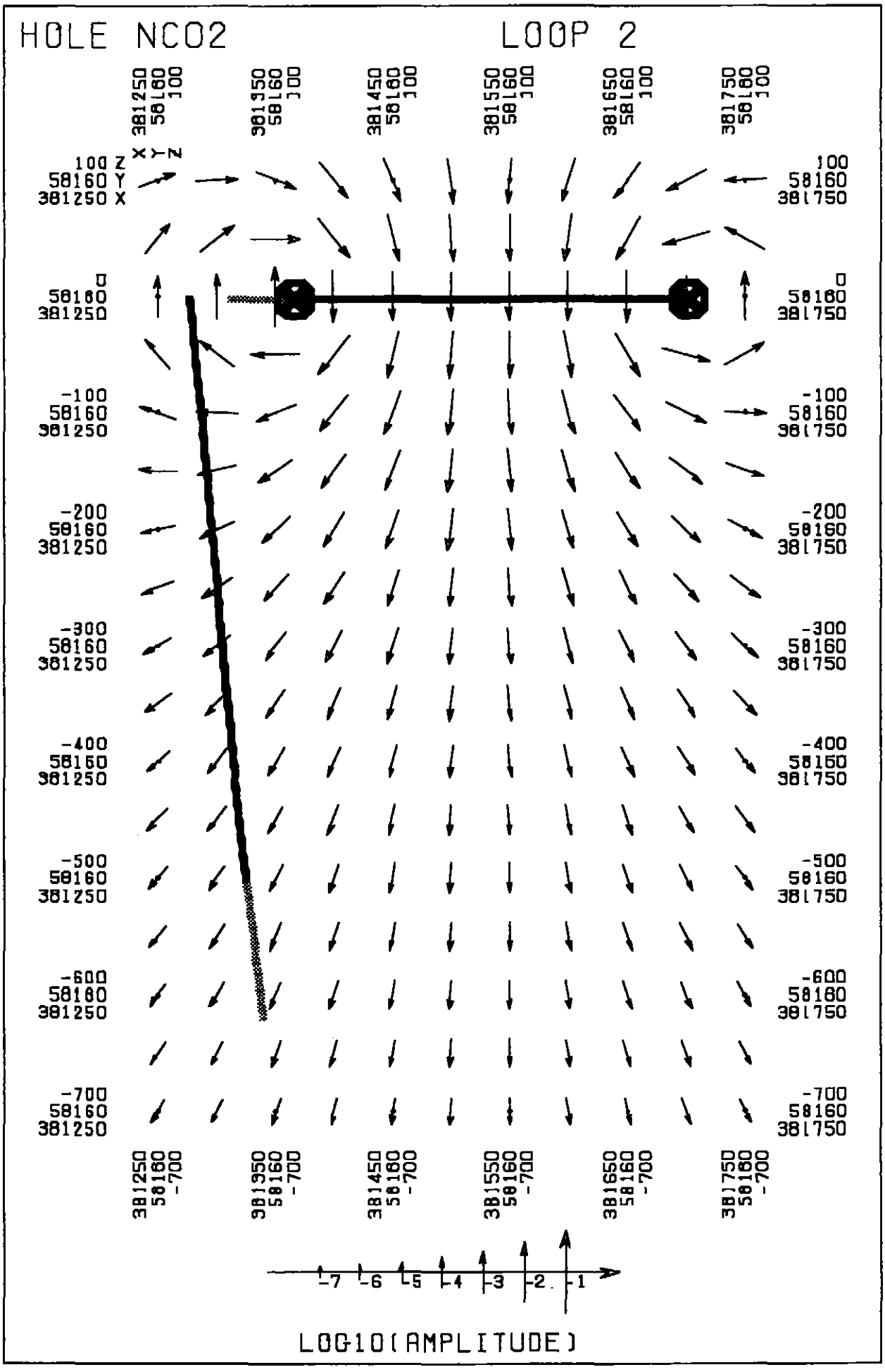
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 1ST APRIL 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC02 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

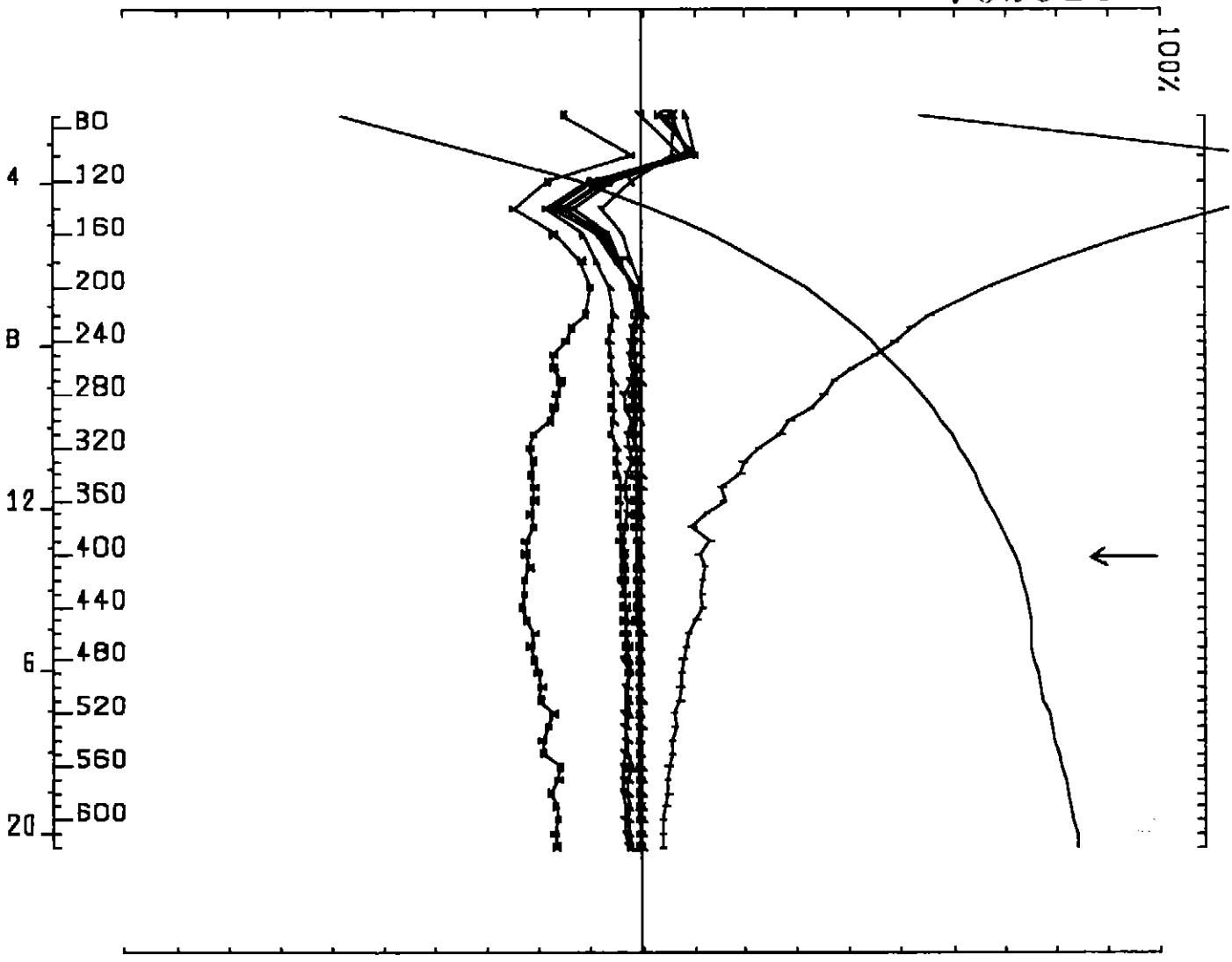
762310



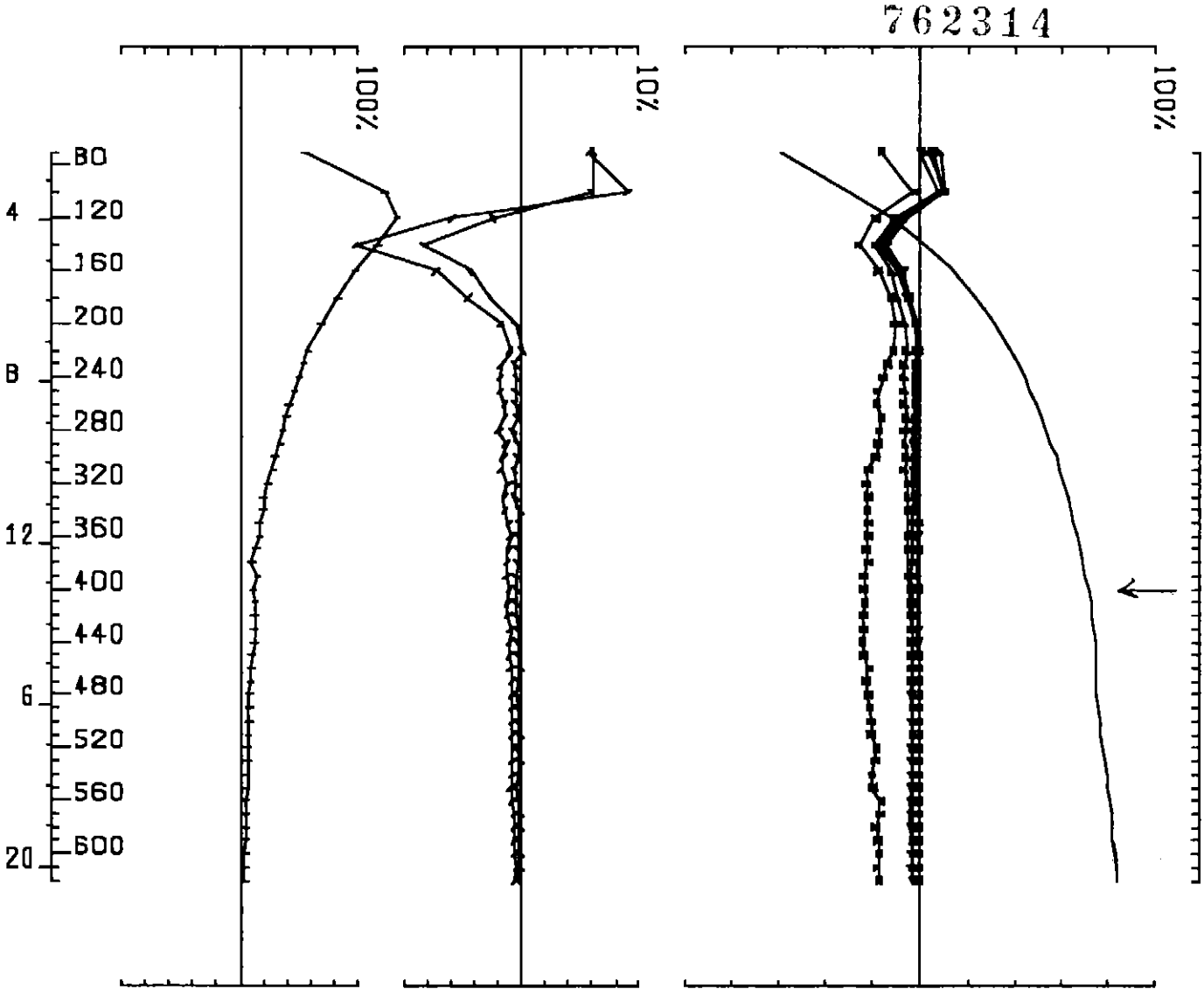
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 1ST APRIL 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC02 AXIAL COMPONENT TOTAL FIELD CONTIN. NORM.


HOLE NC02
LOOP 2
381250 58450 -300
381350 58450 -300
381450 58450 -300
381550 58450 -300
381650 58450 -300
381750 58450 -300
-300 Z
58450 Y
381250 X
X
Y
Z
-300 58450 381750
-300 58350 381250
-300 58350 381750
-300 58250 381250
-300 58250 381750
-300 58150 381250
-300 58150 381750
-300 58050 381250
-300 58050 381750
-300 57950 381250
-300 57950 381750
381250 57950 -300
381350 57950 -300
381450 57950 -300
381550 57950 -300
381650 57950 -300
381750 57950 -300
-7
-6
-5
-4
-3
-2
-1
LOG10(AMPLITUDE)


HOLE NCO2
LOOP 2
381250 58160 100
381350 58160 100
381450 58160 100
381550 58160 100
381650 58160 100
381750 58160 100
100 Z
58160 Y
381250 X
X Y Z
0
-100
-200
-300
-400
-500
-600
-700
381250 58160 -700
381350 58160 -700
381450 58160 -700
381550 58160 -700
381650 58160 -700
381750 58160 -700
-7 -6 -5 -4 -3 -2 -1
LOG10(AMPLITUDE)

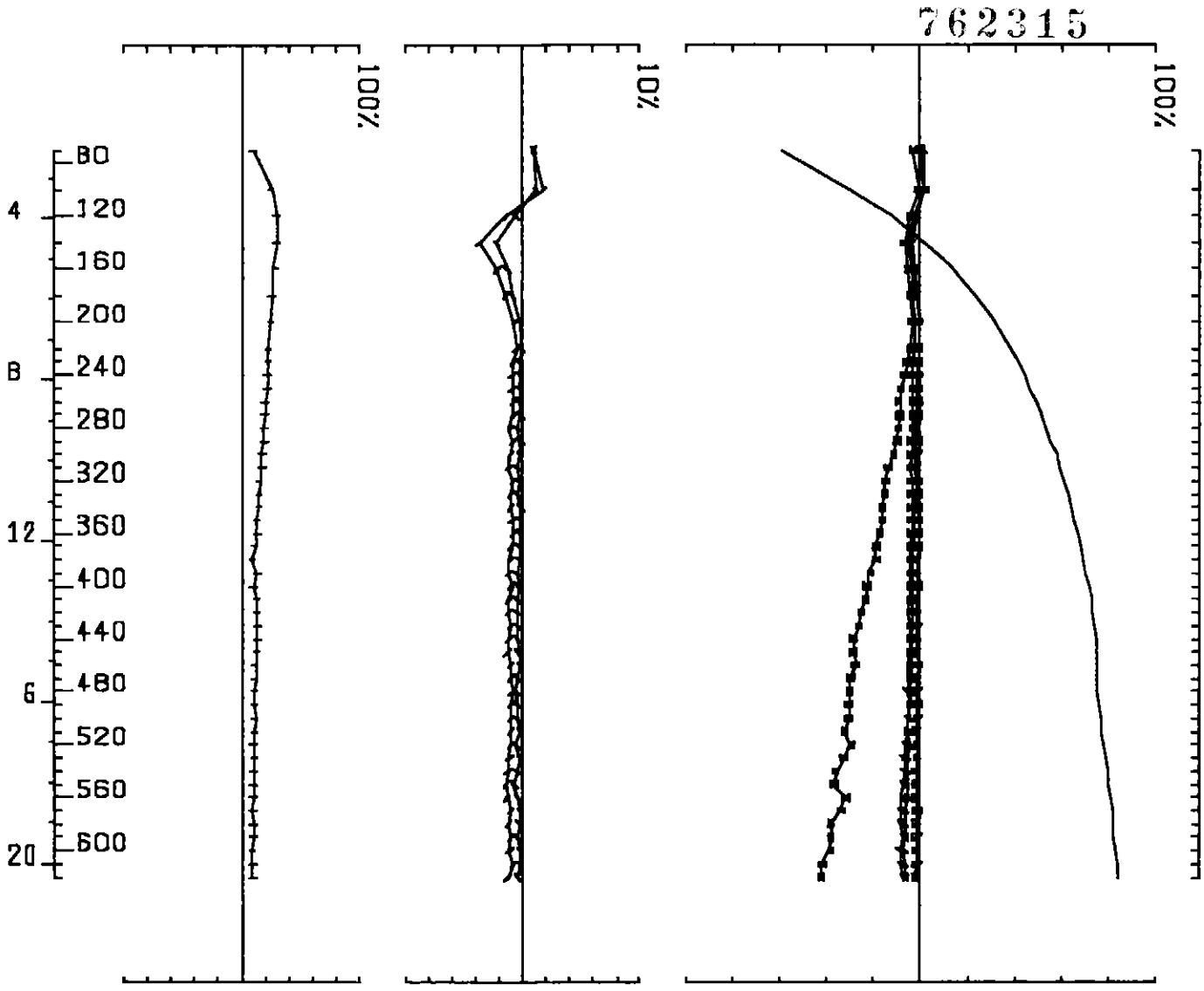


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 31ST MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC02 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.



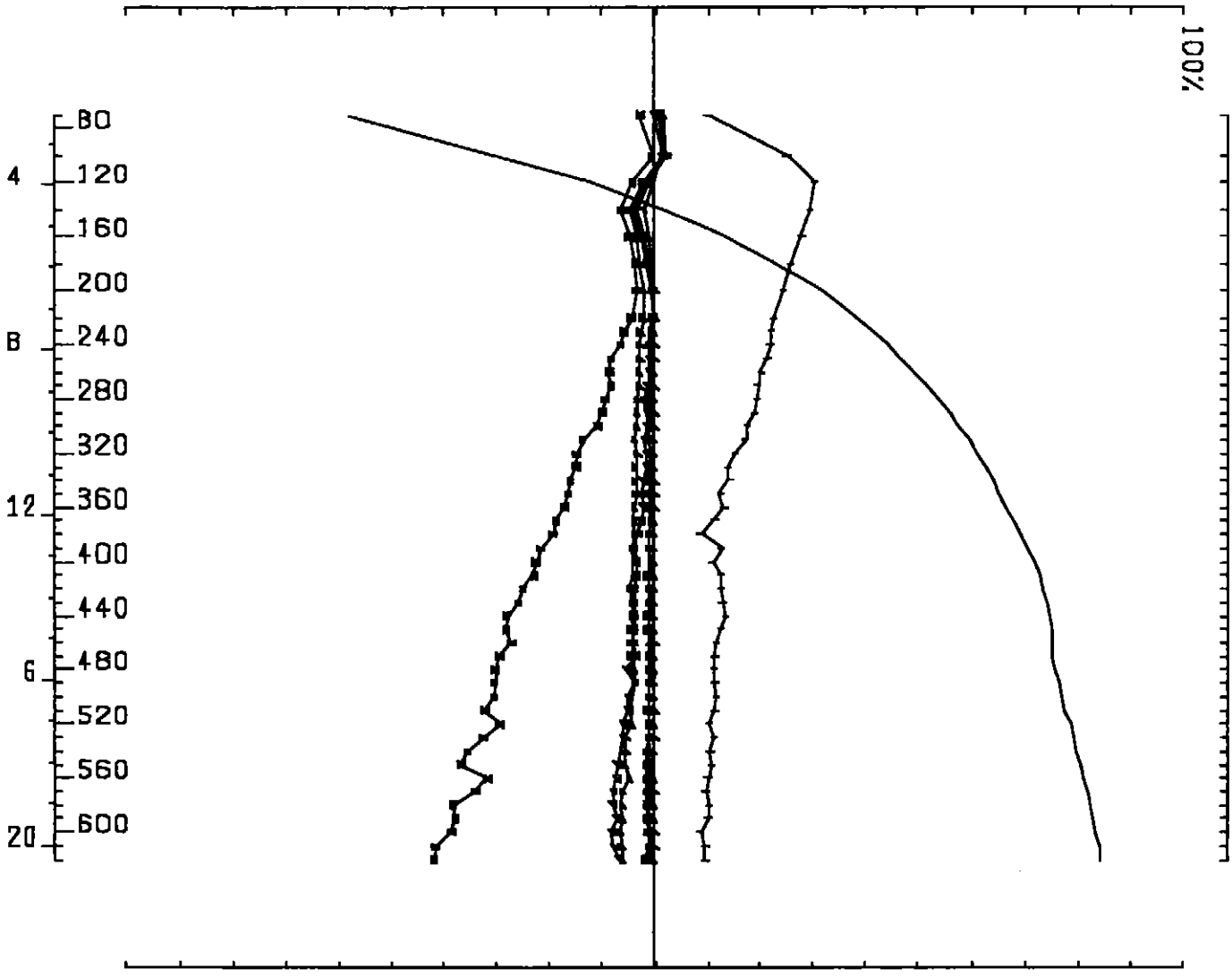
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 31ST MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC02 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762315



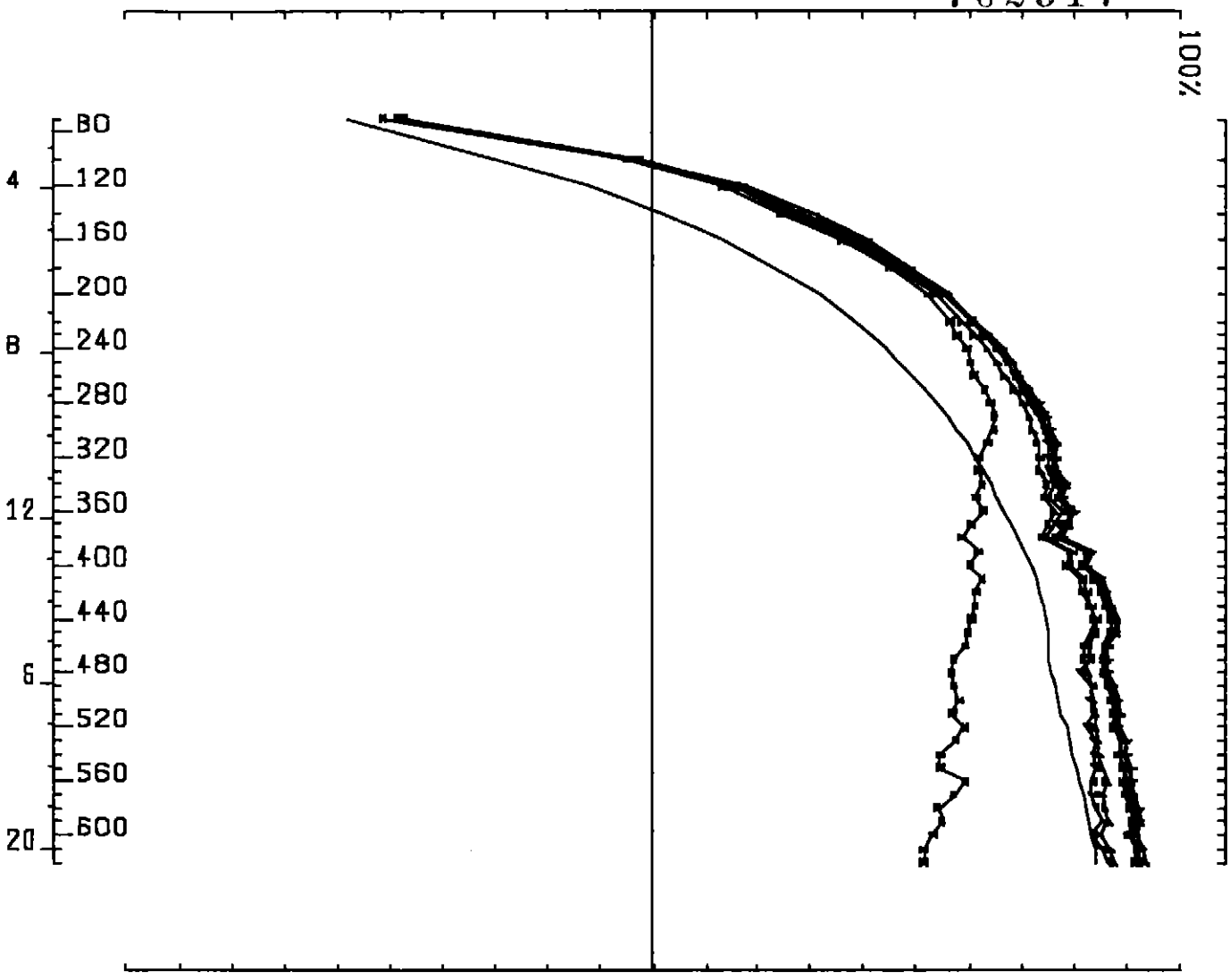
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 31ST MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC02 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

762316

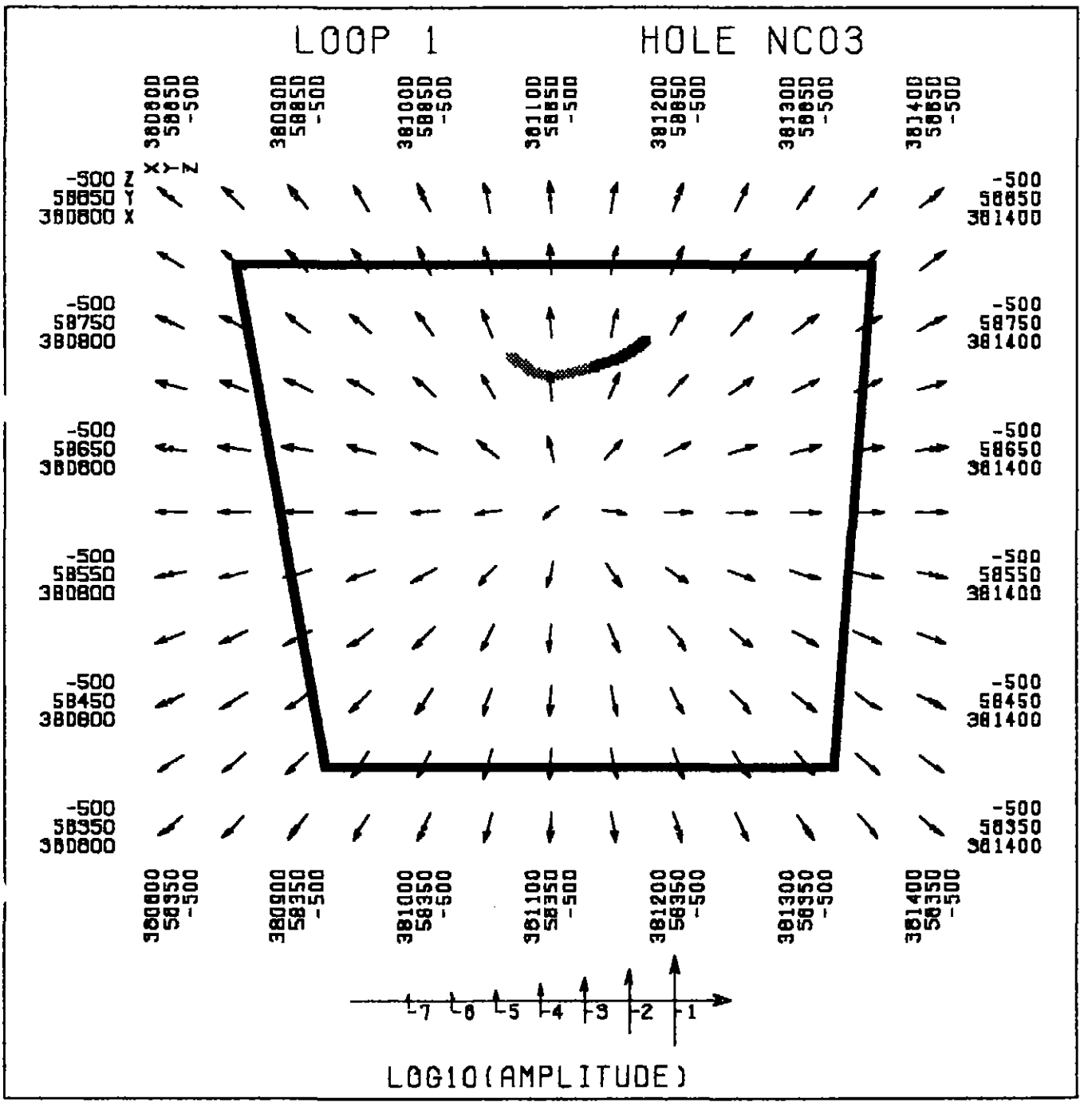


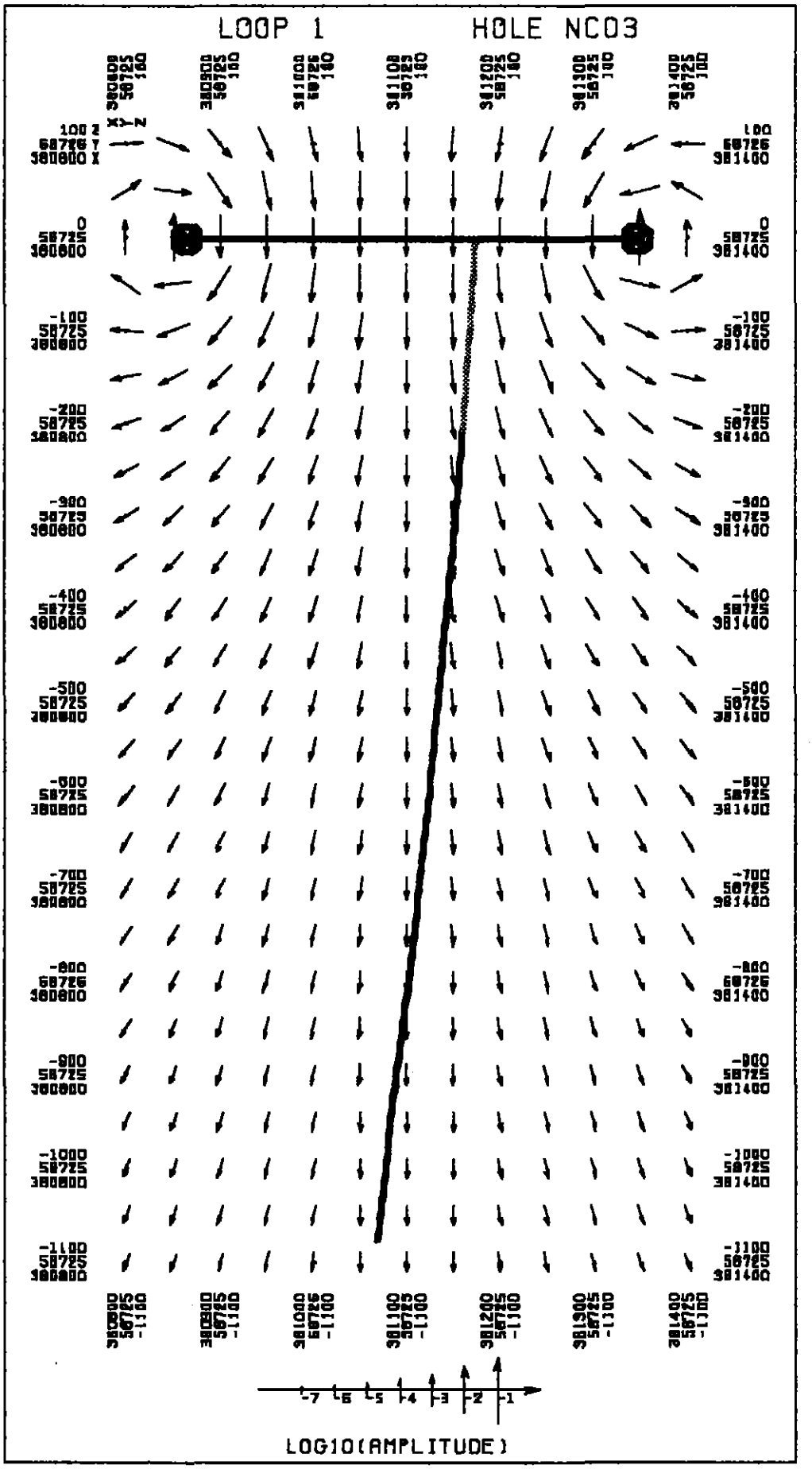
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 31ST MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC02 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

762317

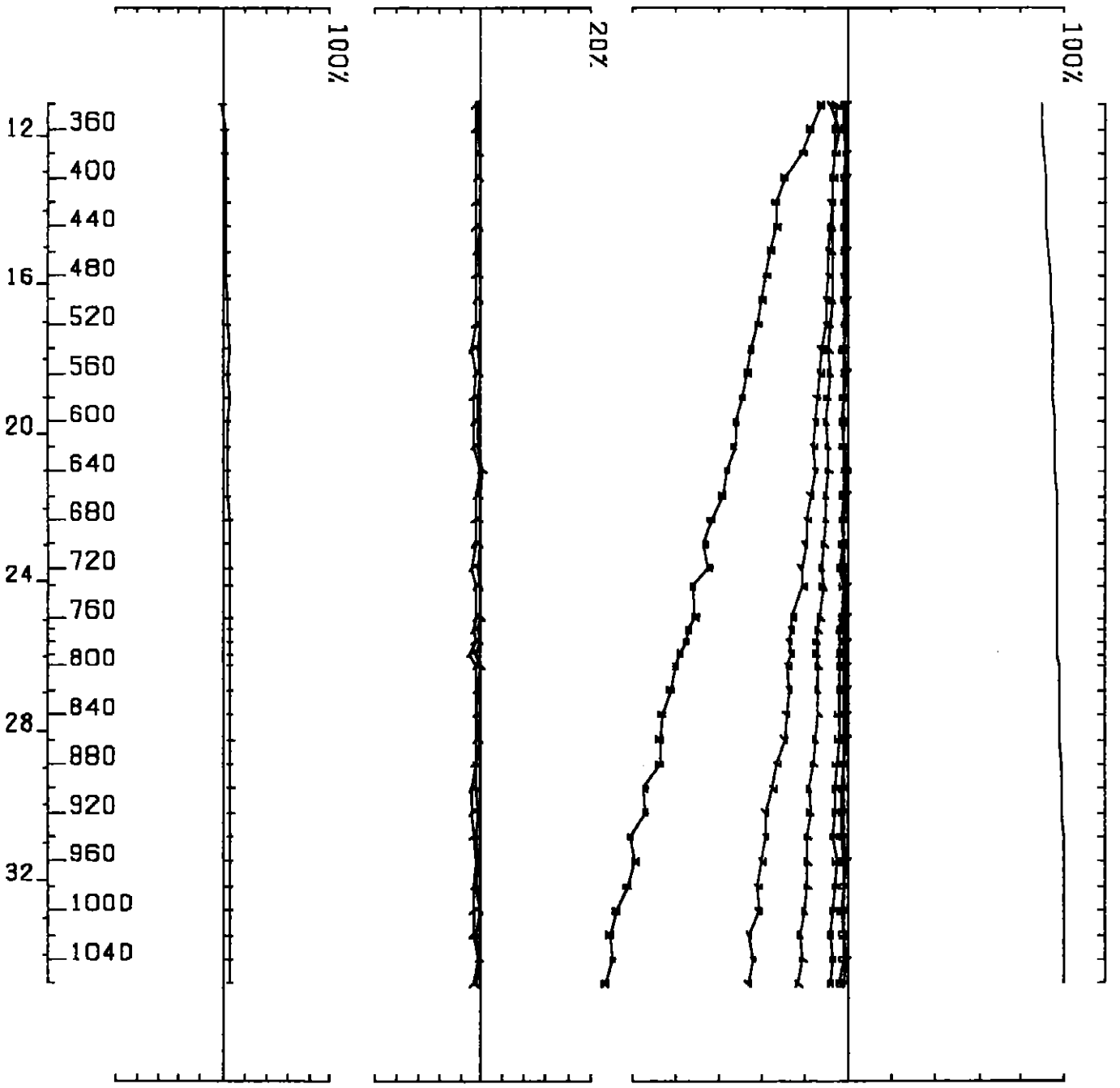


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 31ST MARCH 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9503 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC02 AXIAL COMPONENT TOTAL FIELD CONTIN. NORM.

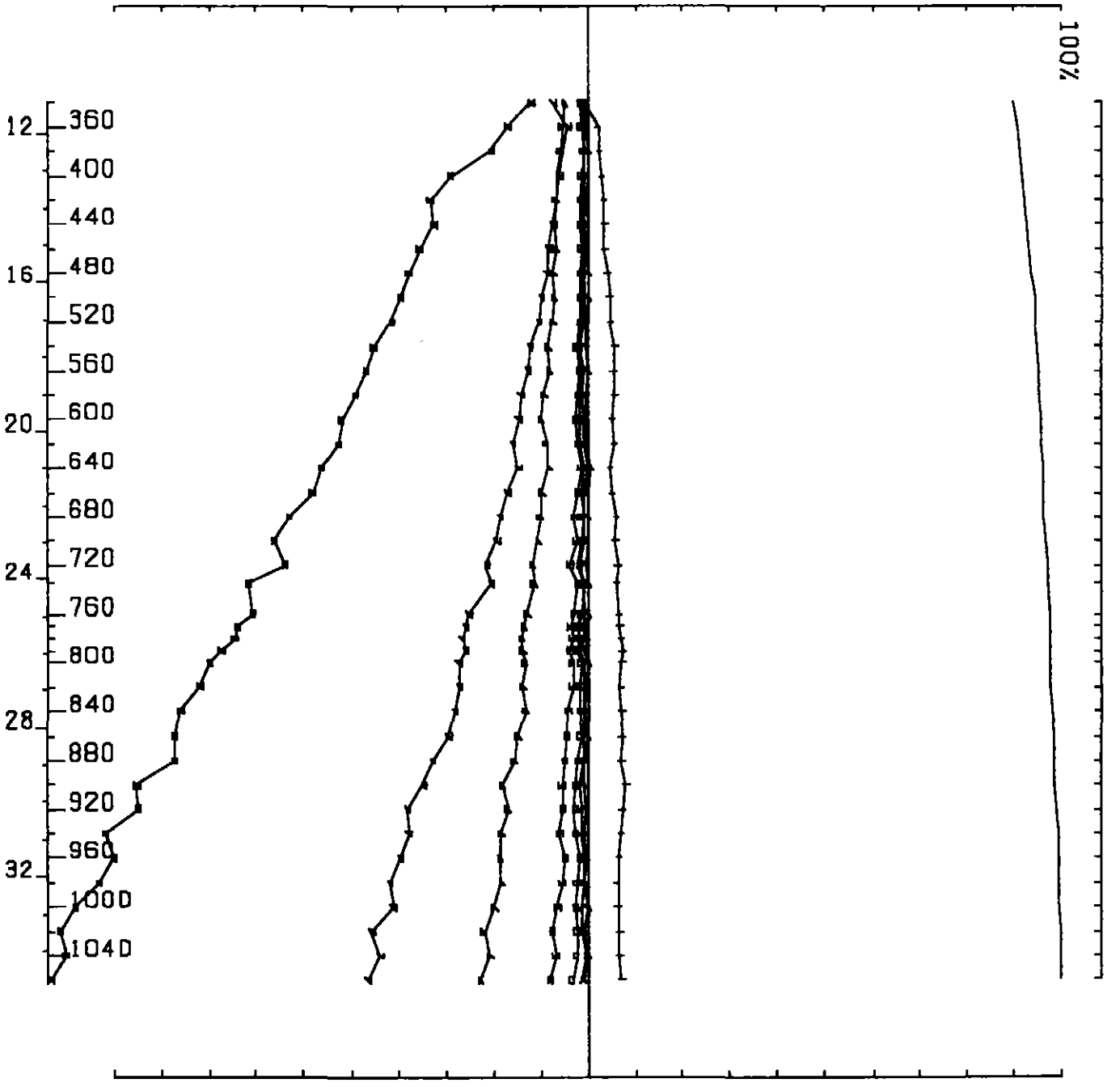

LOOP 1
HOLE NC03
X Y Z
-500 Z
58650 Y
380800 X
380800 58650 -500
380900 58650 -500
381000 58650 -500
381100 58650 -500
381200 58650 -500
381300 58650 -500
381400 58650 -500
-500 58750 380800
-500 58650 380800
-500 58550 380800
-500 58450 380800
-500 58350 380800
-500 58750 381400
-500 58650 381400
-500 58550 381400
-500 58450 381400
-500 58350 381400
380800 58350 -500
380900 58350 -500
381000 58350 -500
381100 58350 -500
381200 58350 -500
381300 58350 -500
381400 58350 -500
7 6 5 4 3 2 1
LOG10(AMPLITUDE)


LOOP 1
HOLE NC03
LOG10(AMPLITUDE)

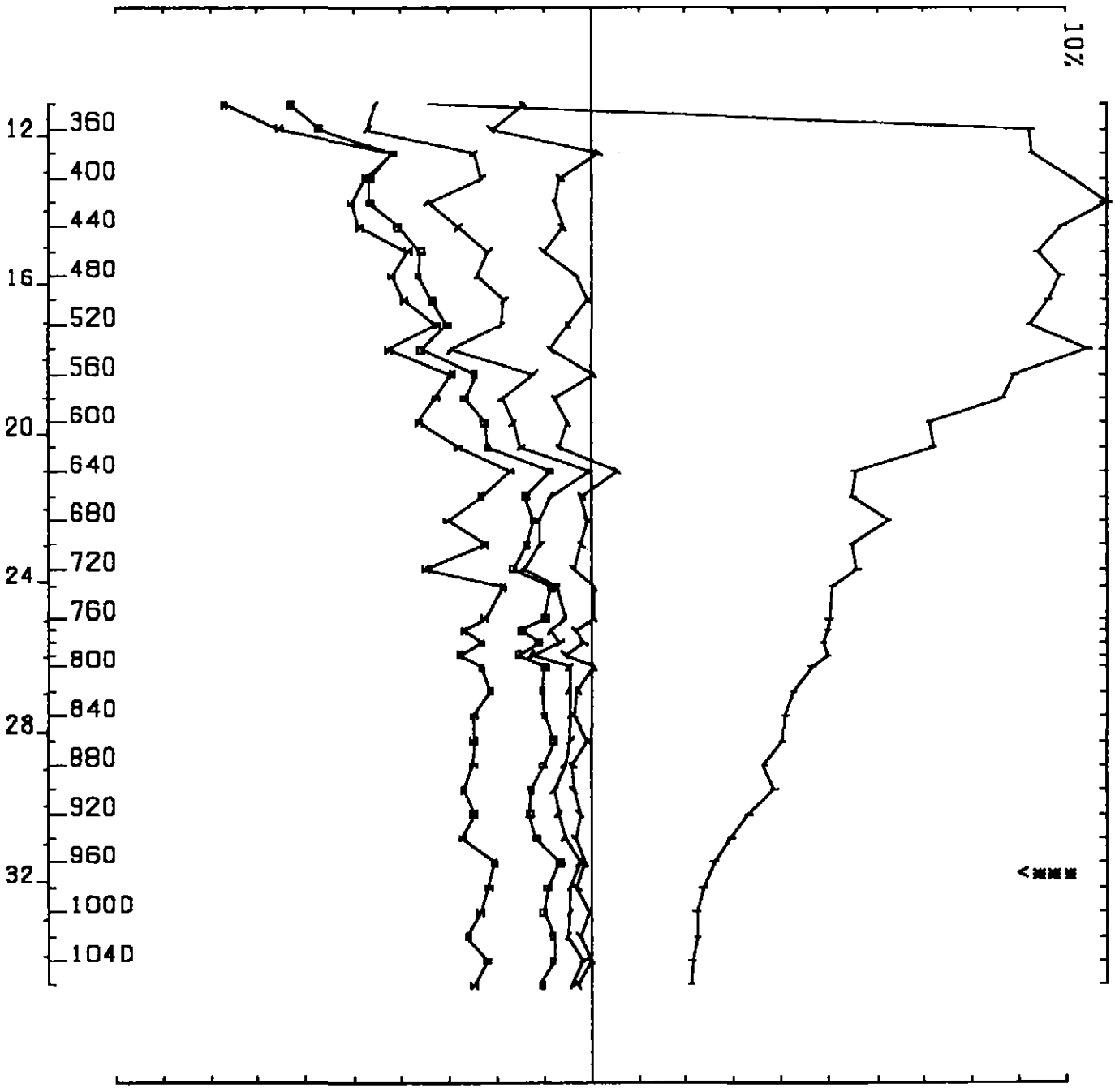
762320



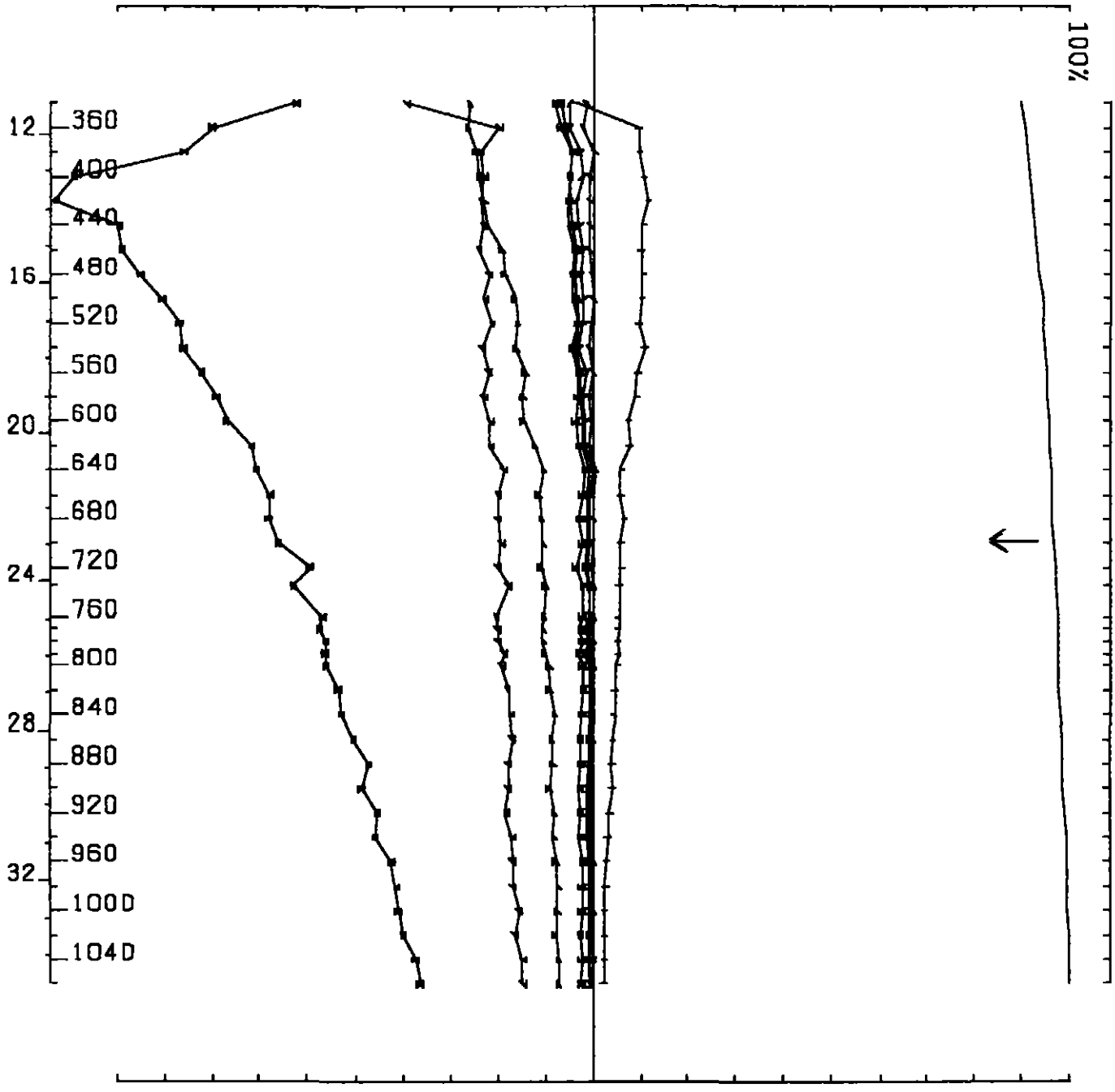
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 12TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 45.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.



UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 12TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 45.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

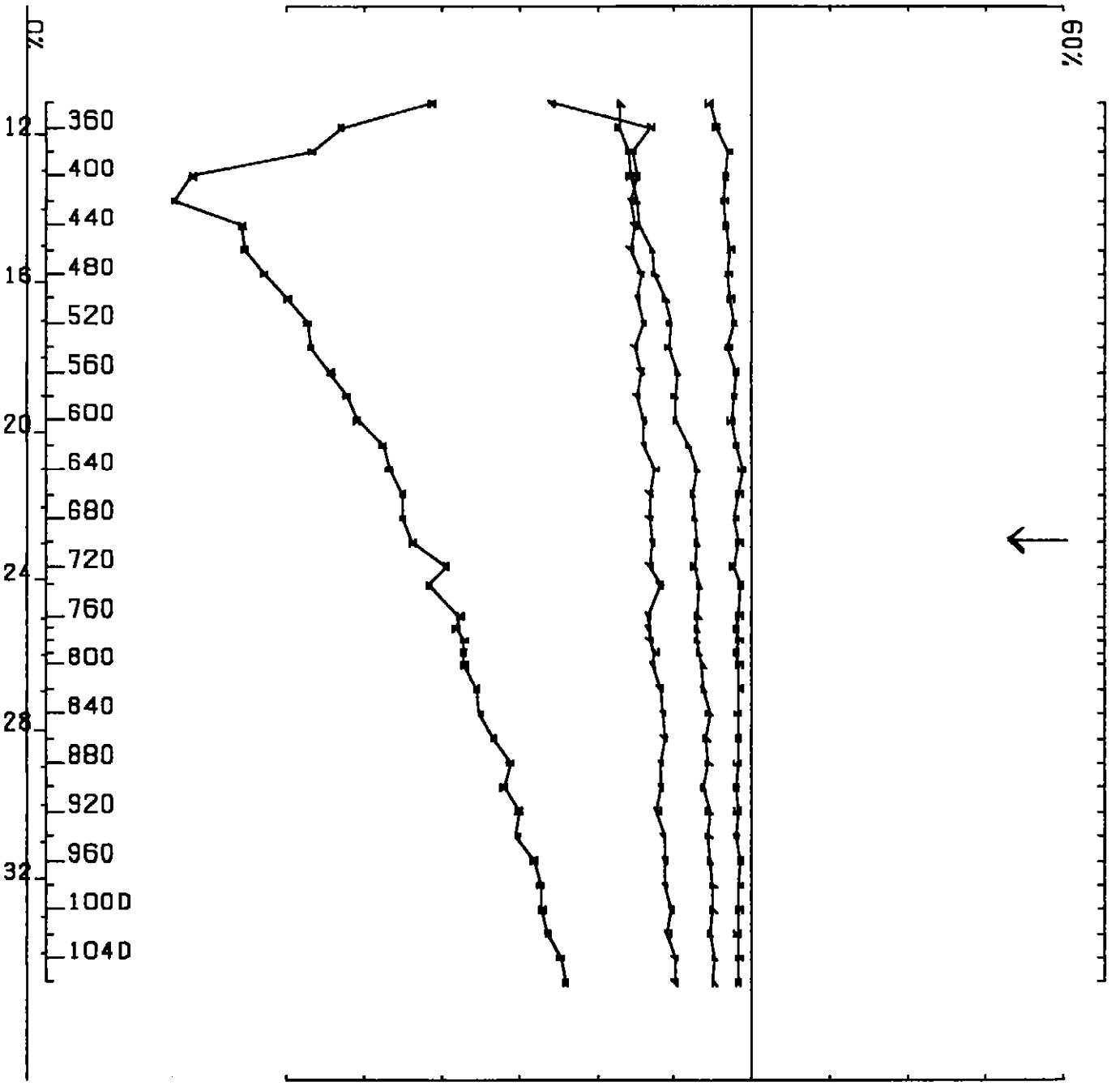


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 12TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 49.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.



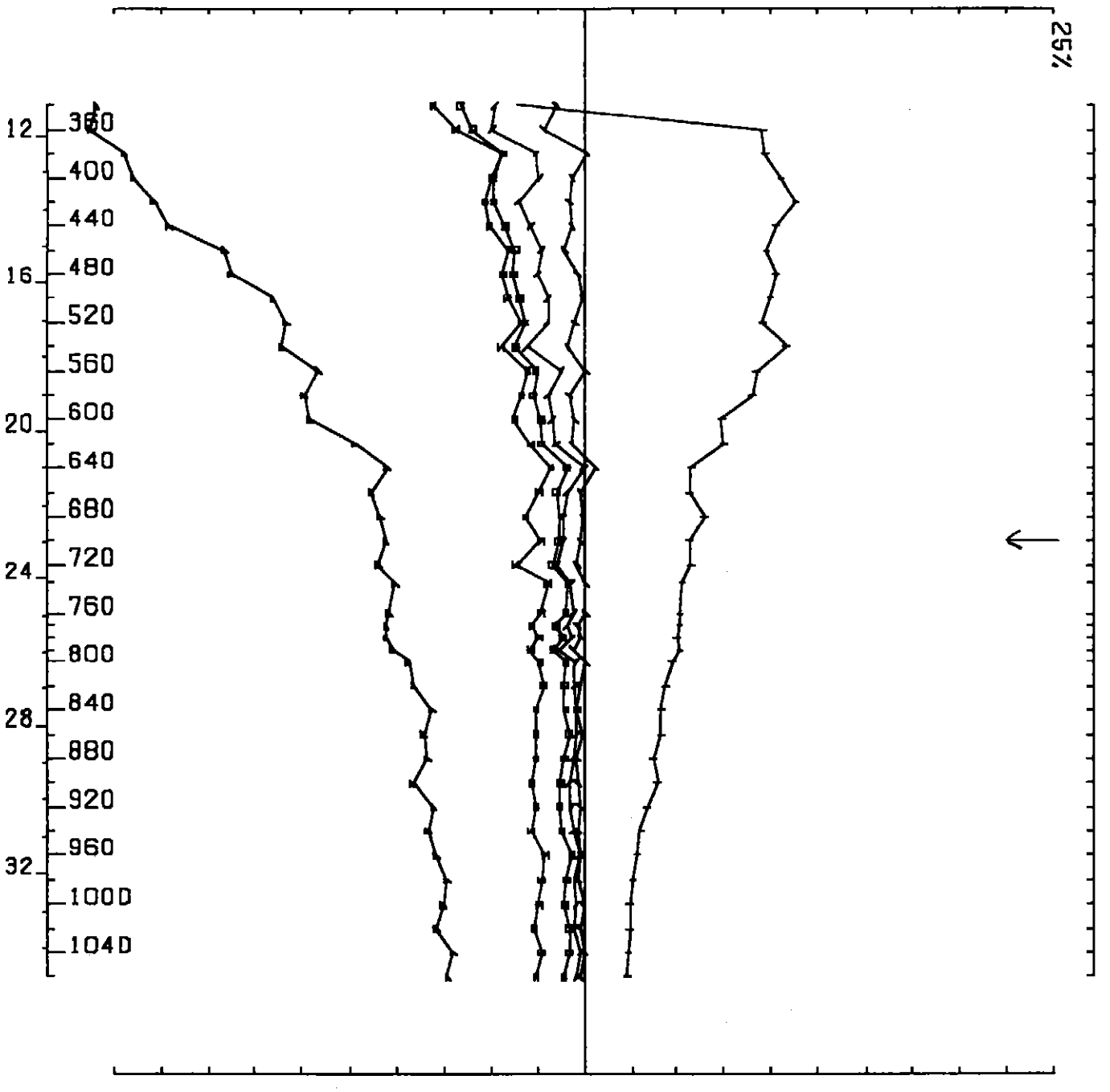
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 12TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 45.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762324

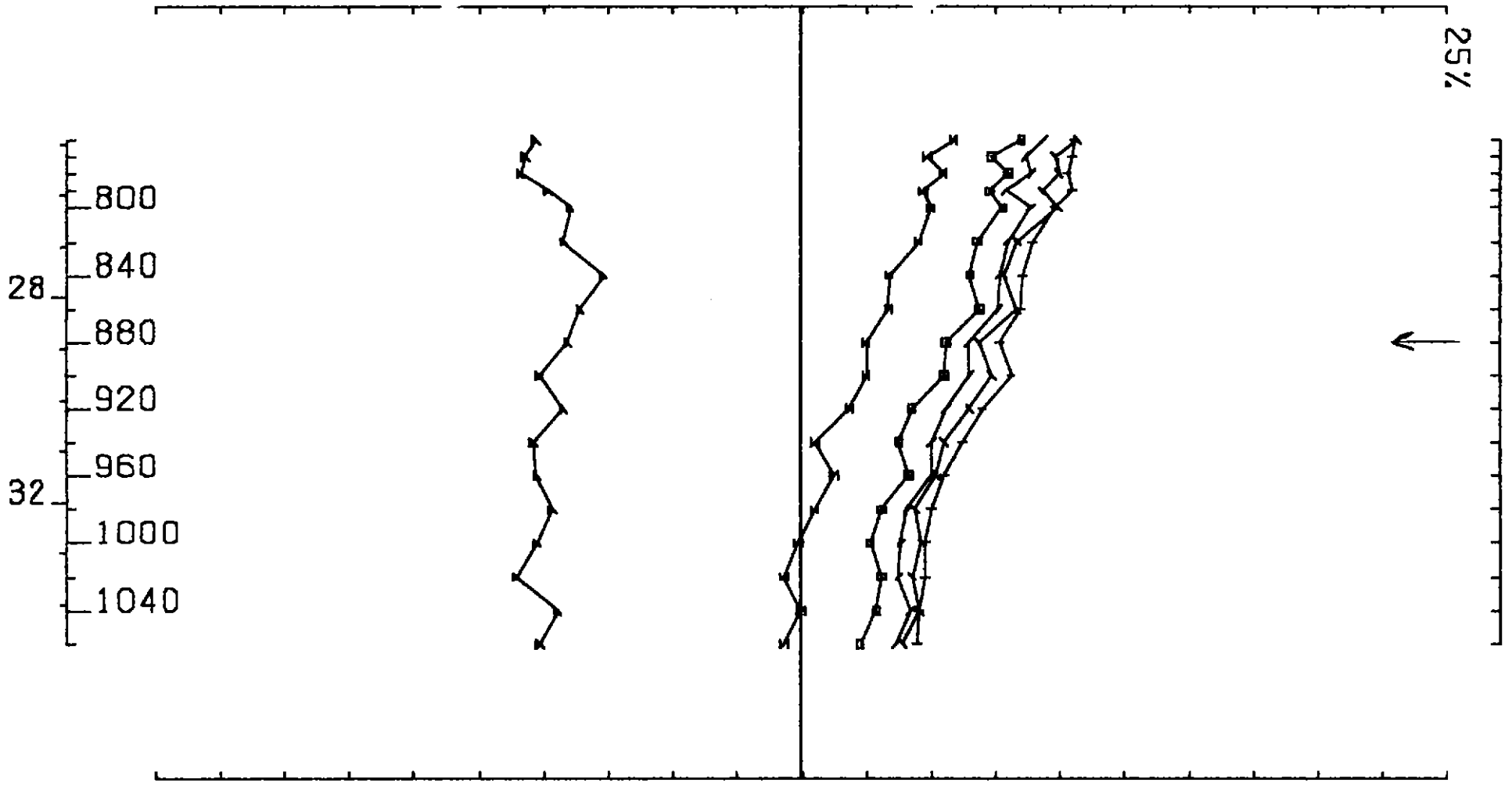


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 12TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762325

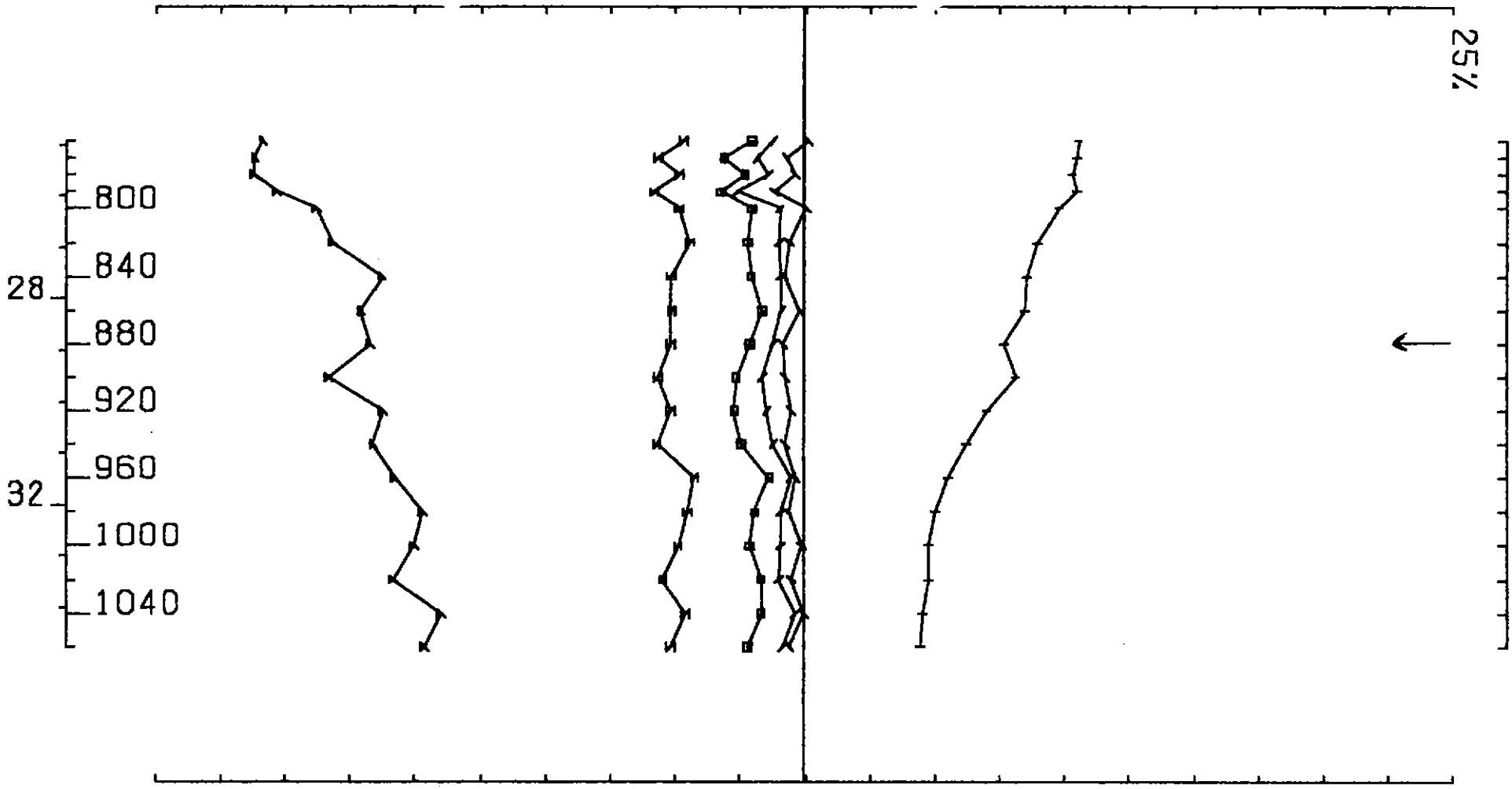


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 12TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 45.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.



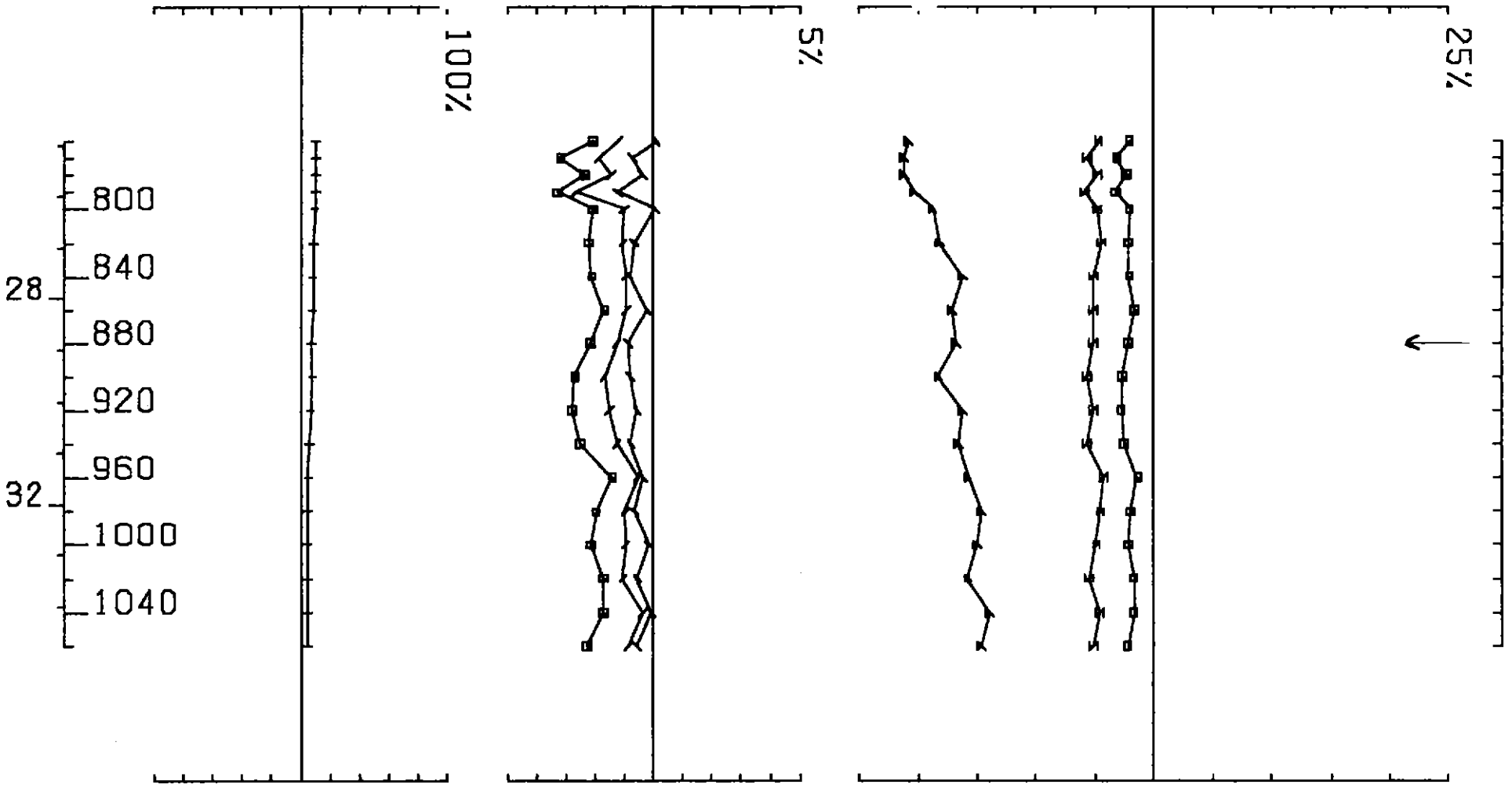
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 4TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD POINT NORM.

76236



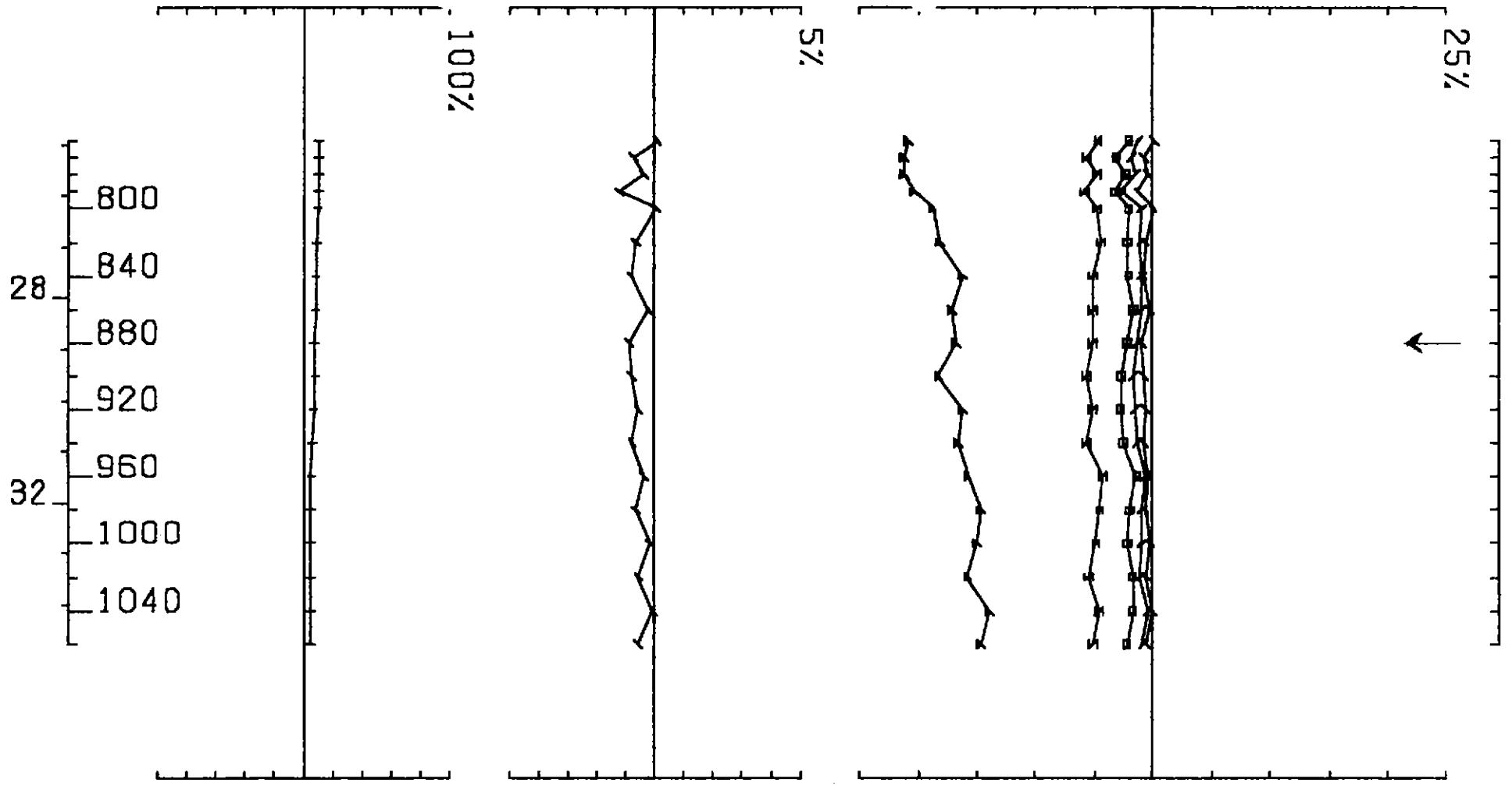
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 4TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

76232?



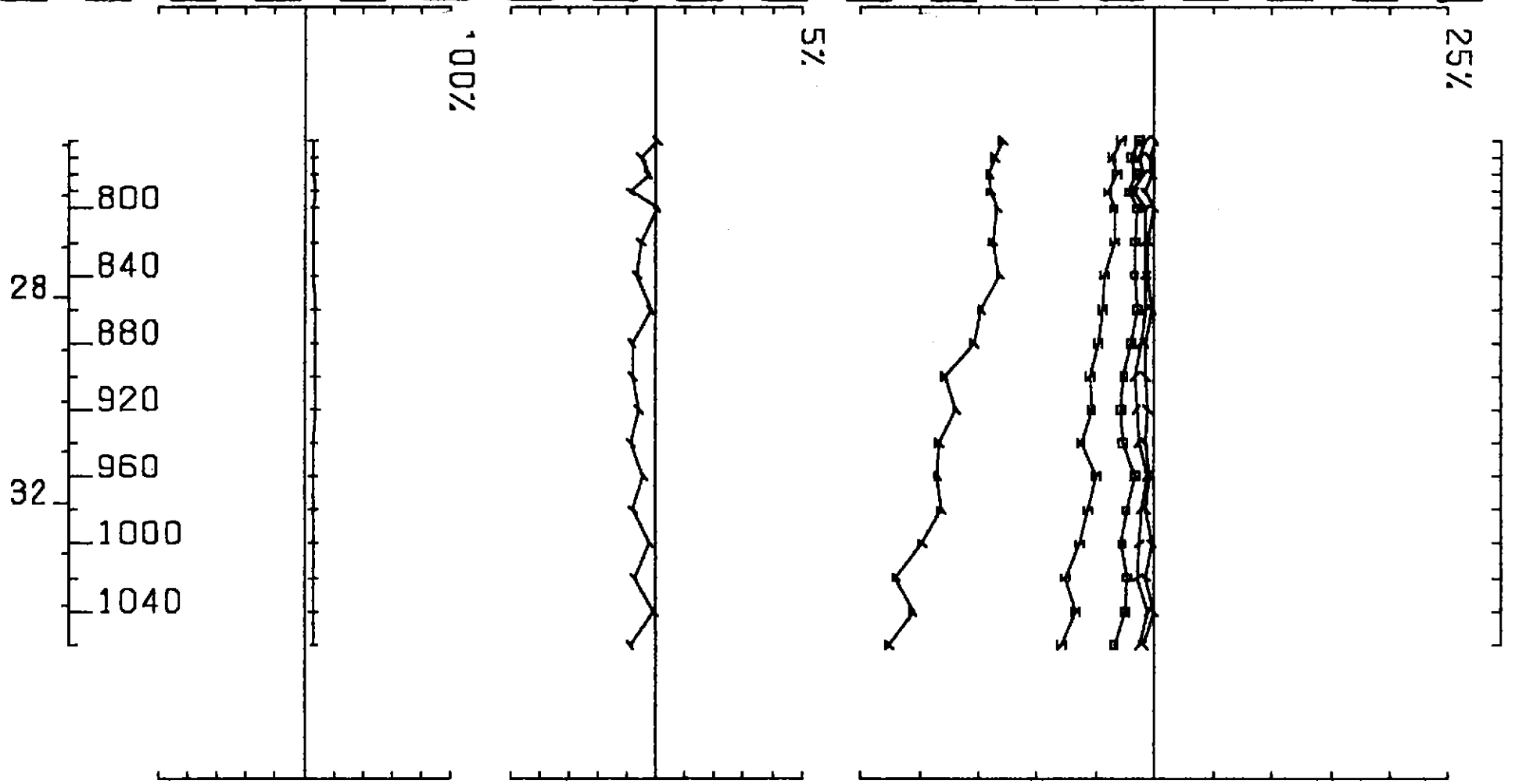
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 4TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762328



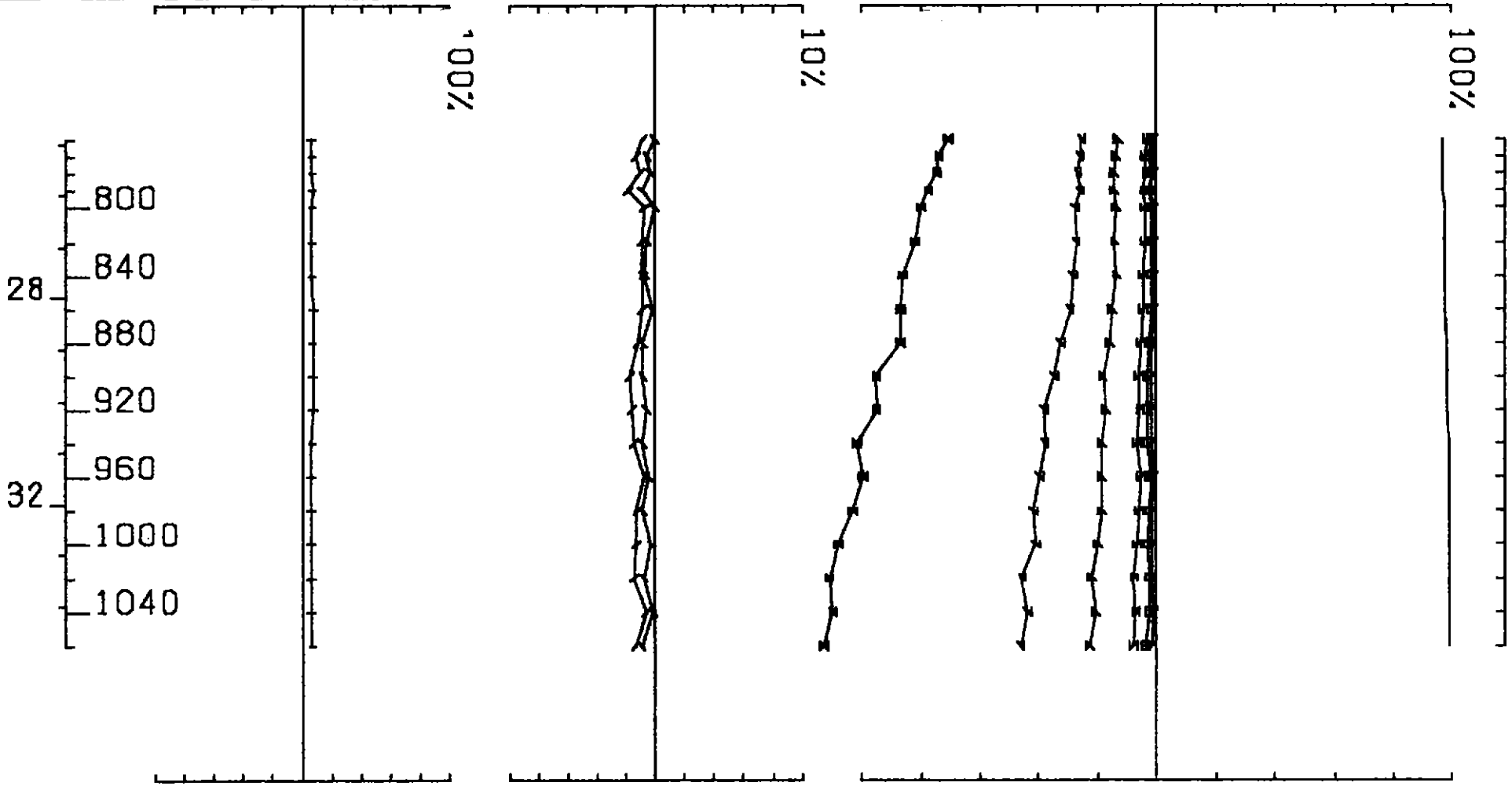
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 4TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

76329



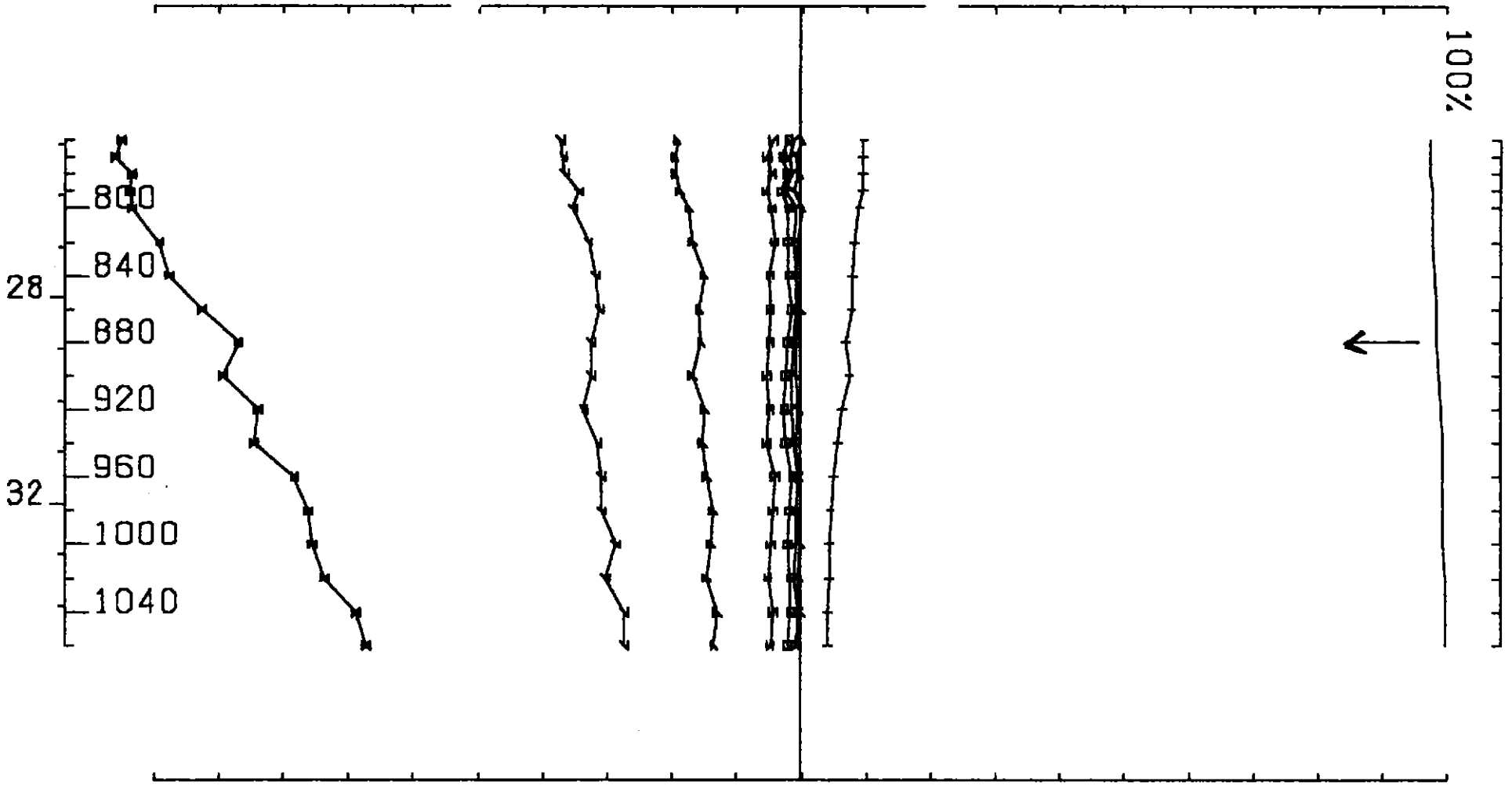
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 4TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

762330



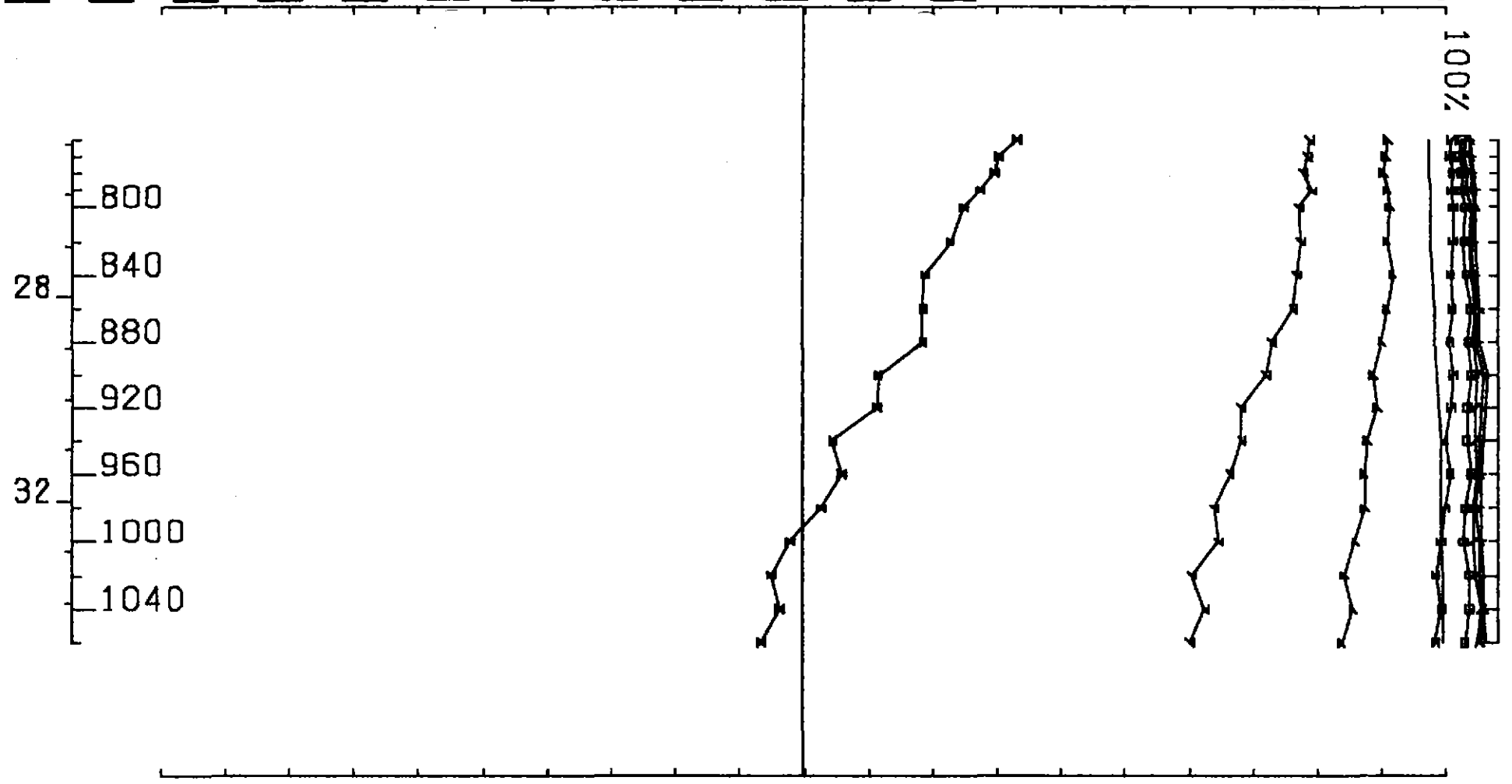
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 4TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

76231



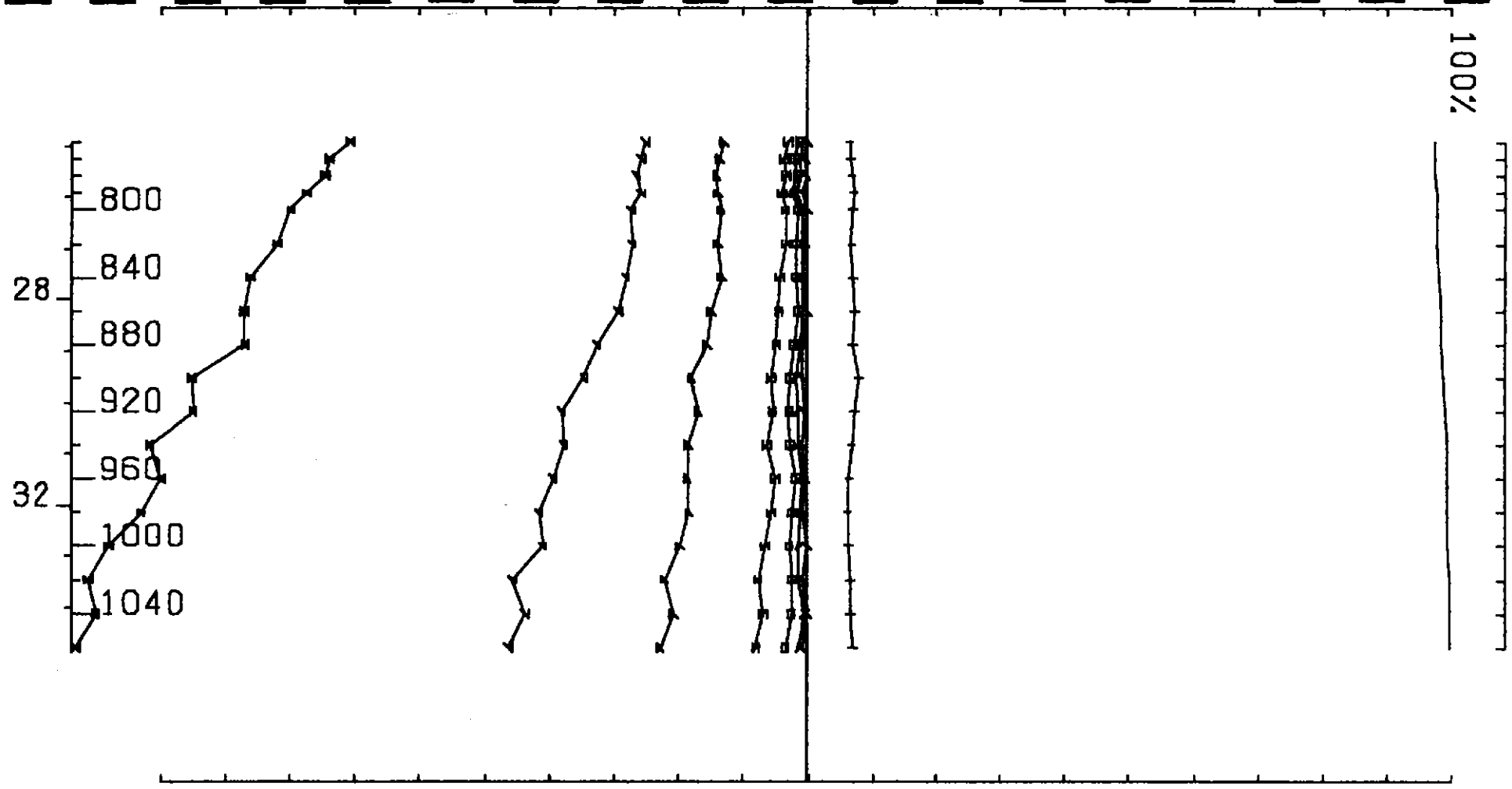
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 4TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

76233



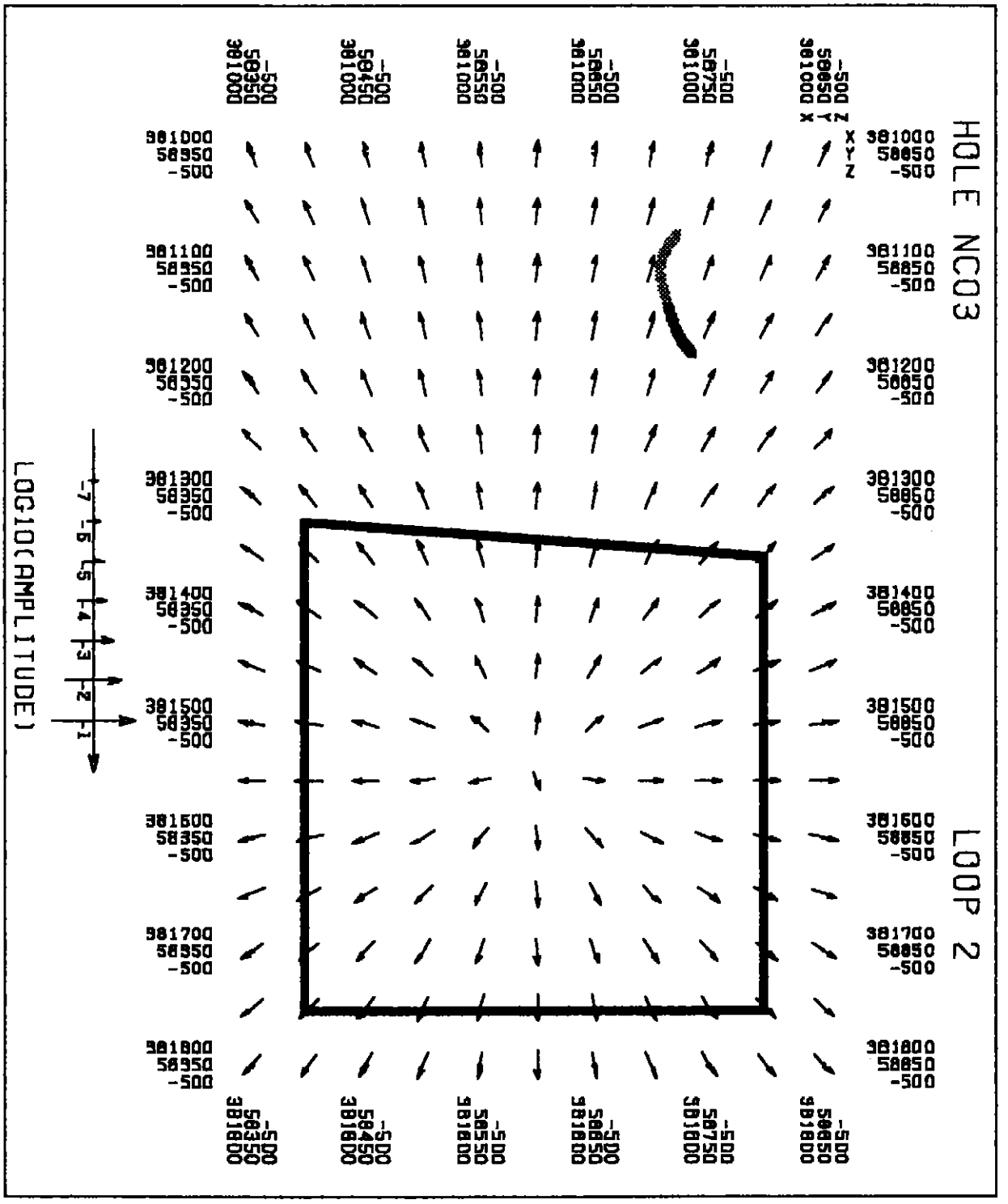
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 4TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT TOTAL FIELD CONTIN. NORM.

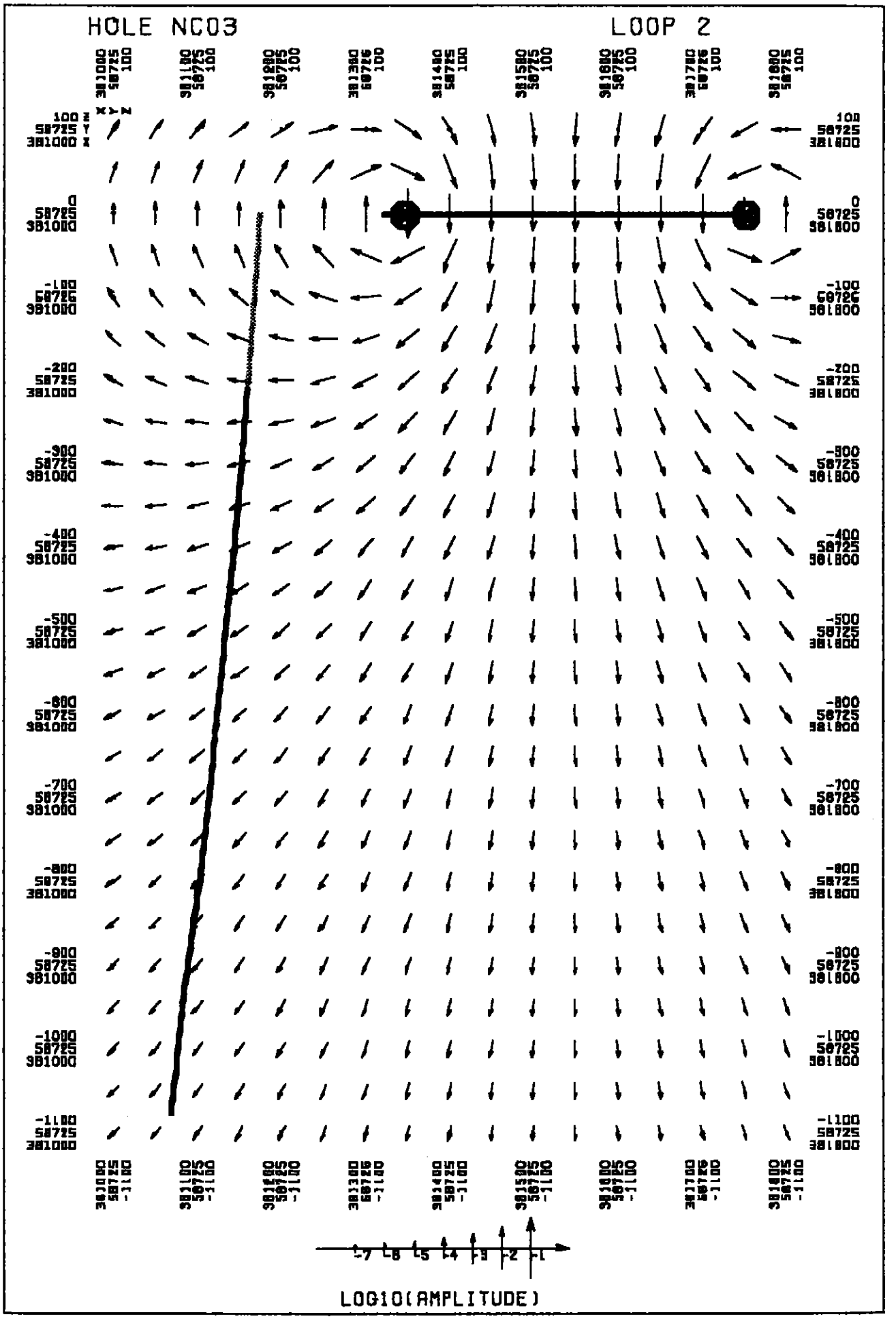
762333

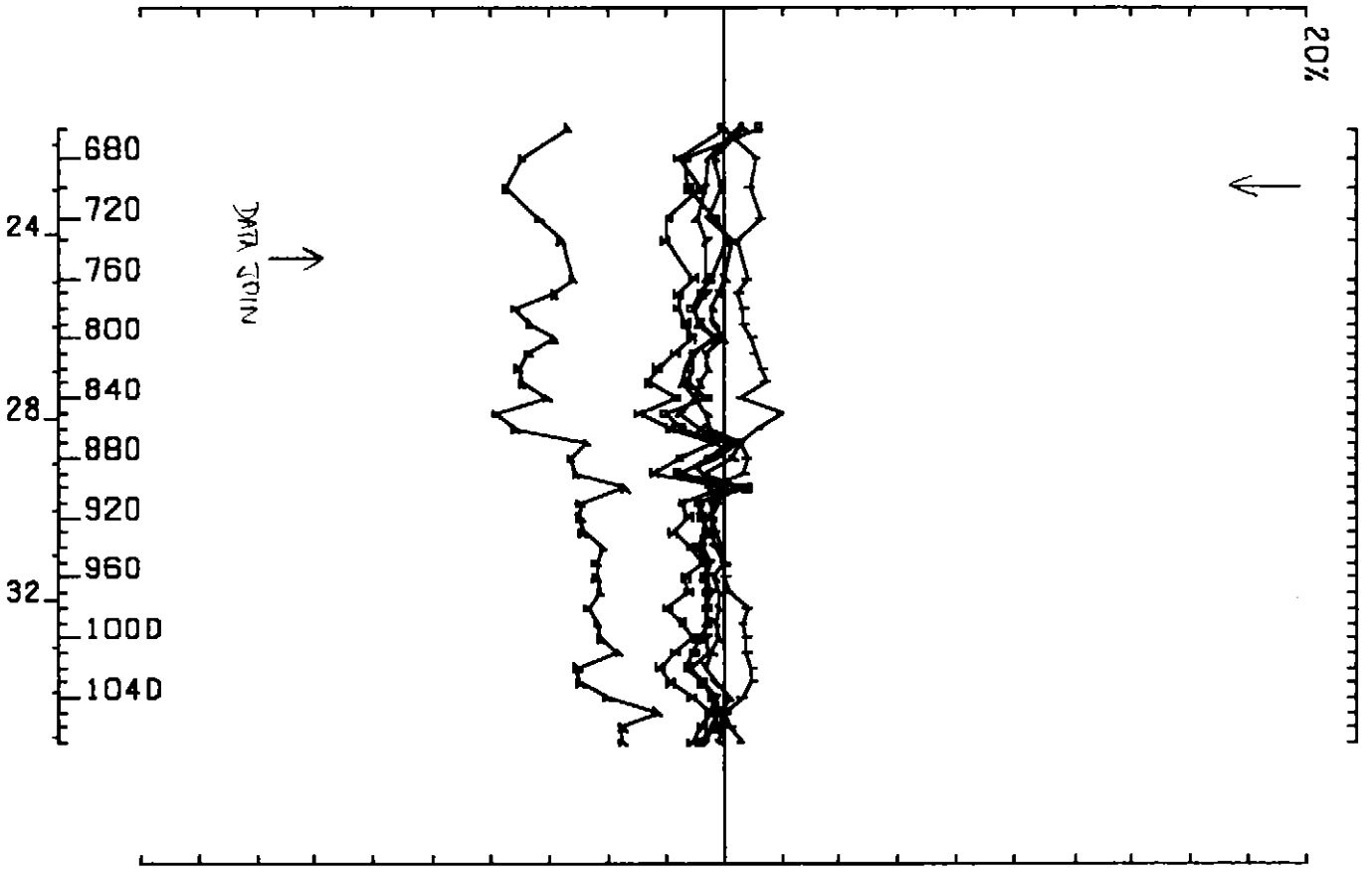


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 4TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 1 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

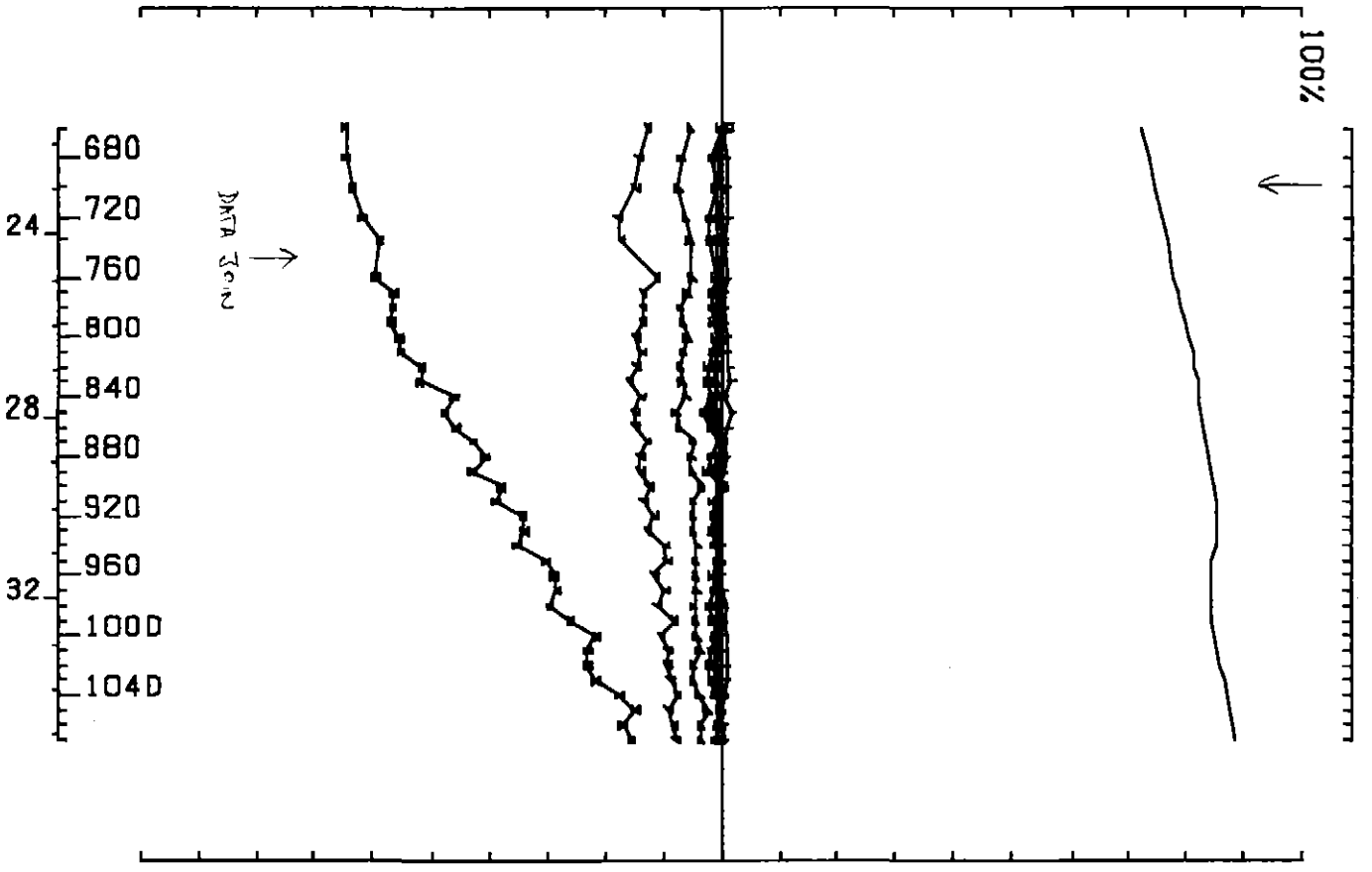
762334


HOLE NC03
LOOP 2
LOG10(AMPLITUDE)
X
Y
Z
381000
58350
-500
381100
381200
381300
381400
381500
381600
381700
381800
58450
58550
58650
58750
58850
58950
-7
-6
-5
-4
-3
-2
-1

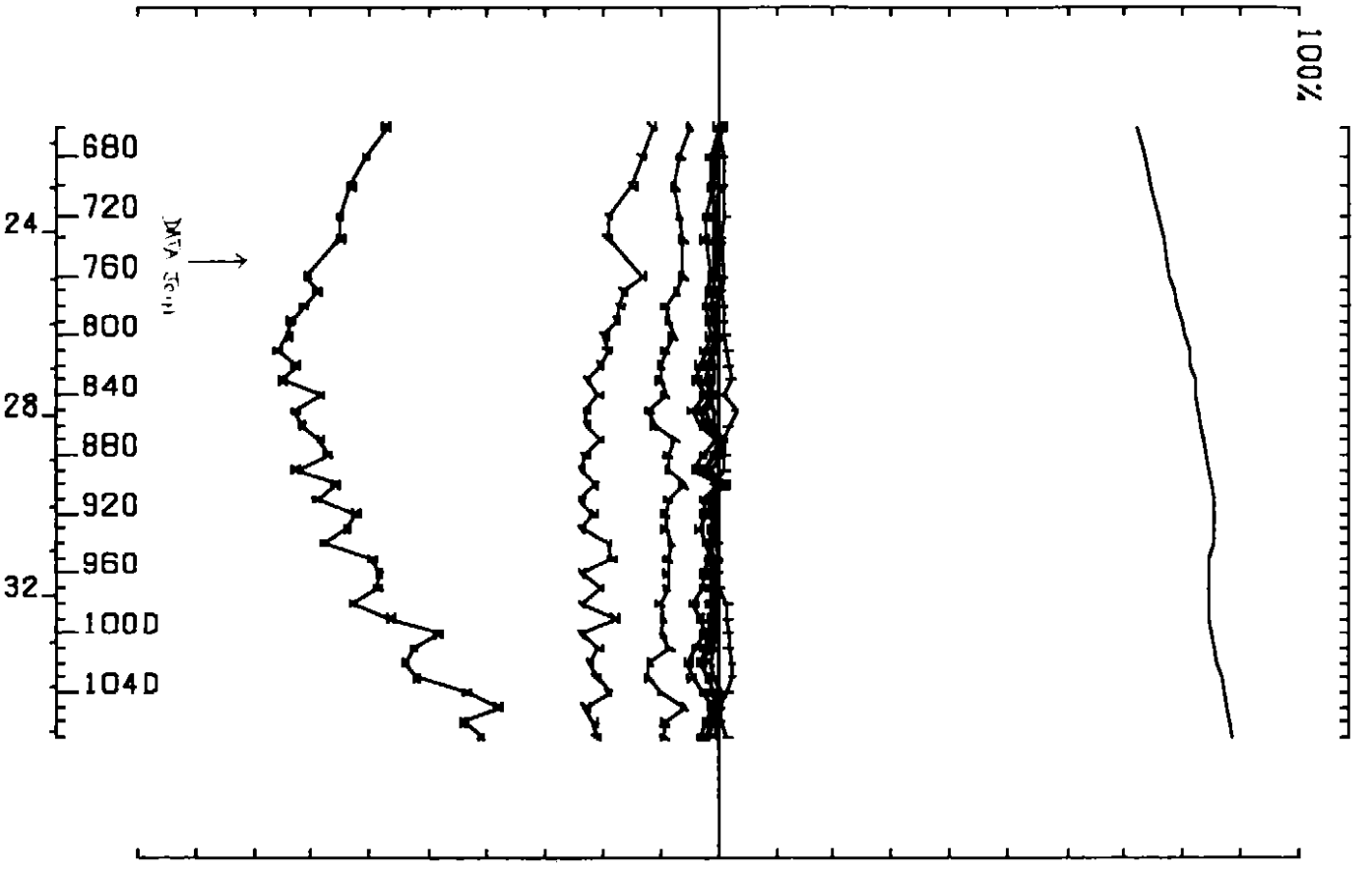

HOLE NC03
LOOP 2
LOG10(AMPLITUDE)



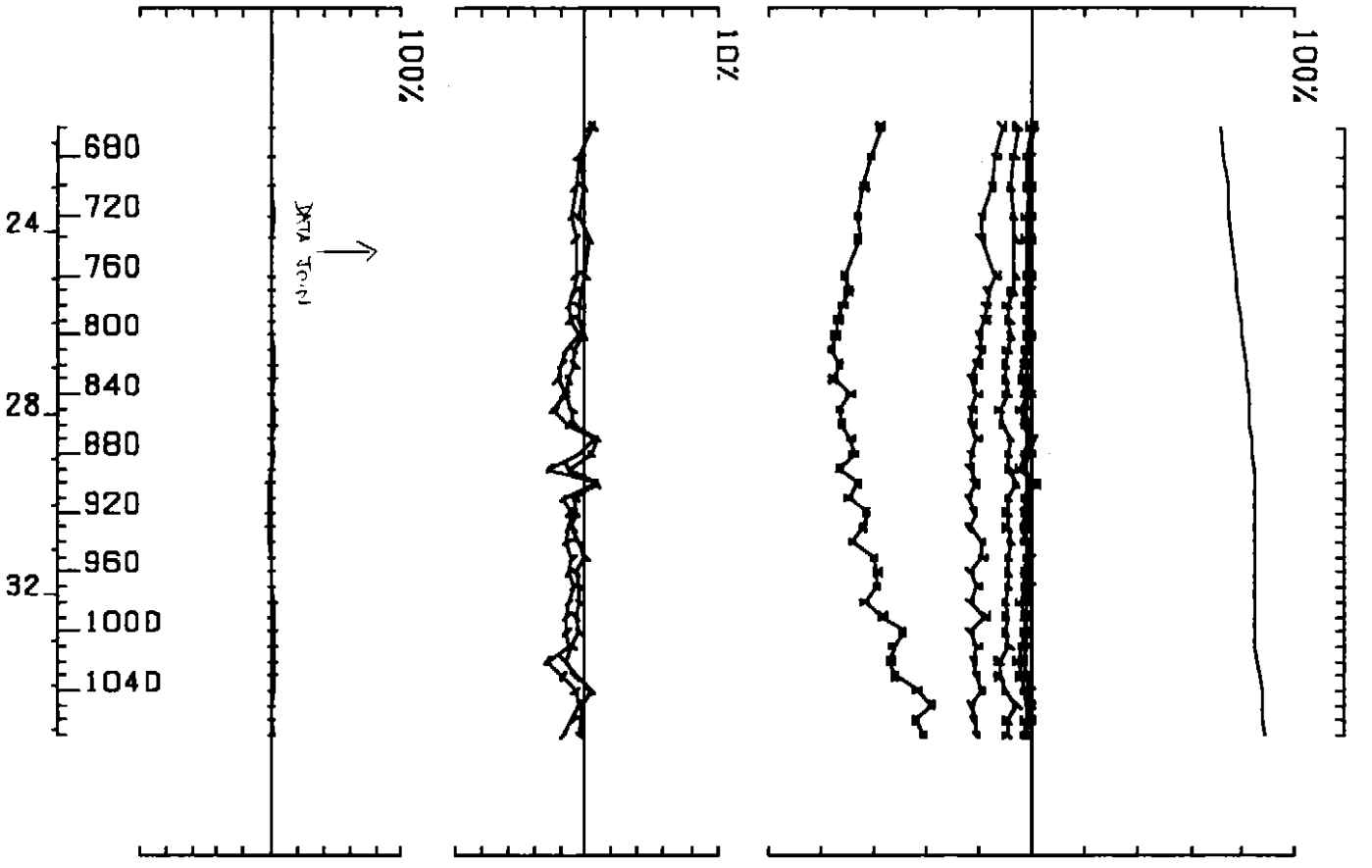
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 3RD AND 14TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.



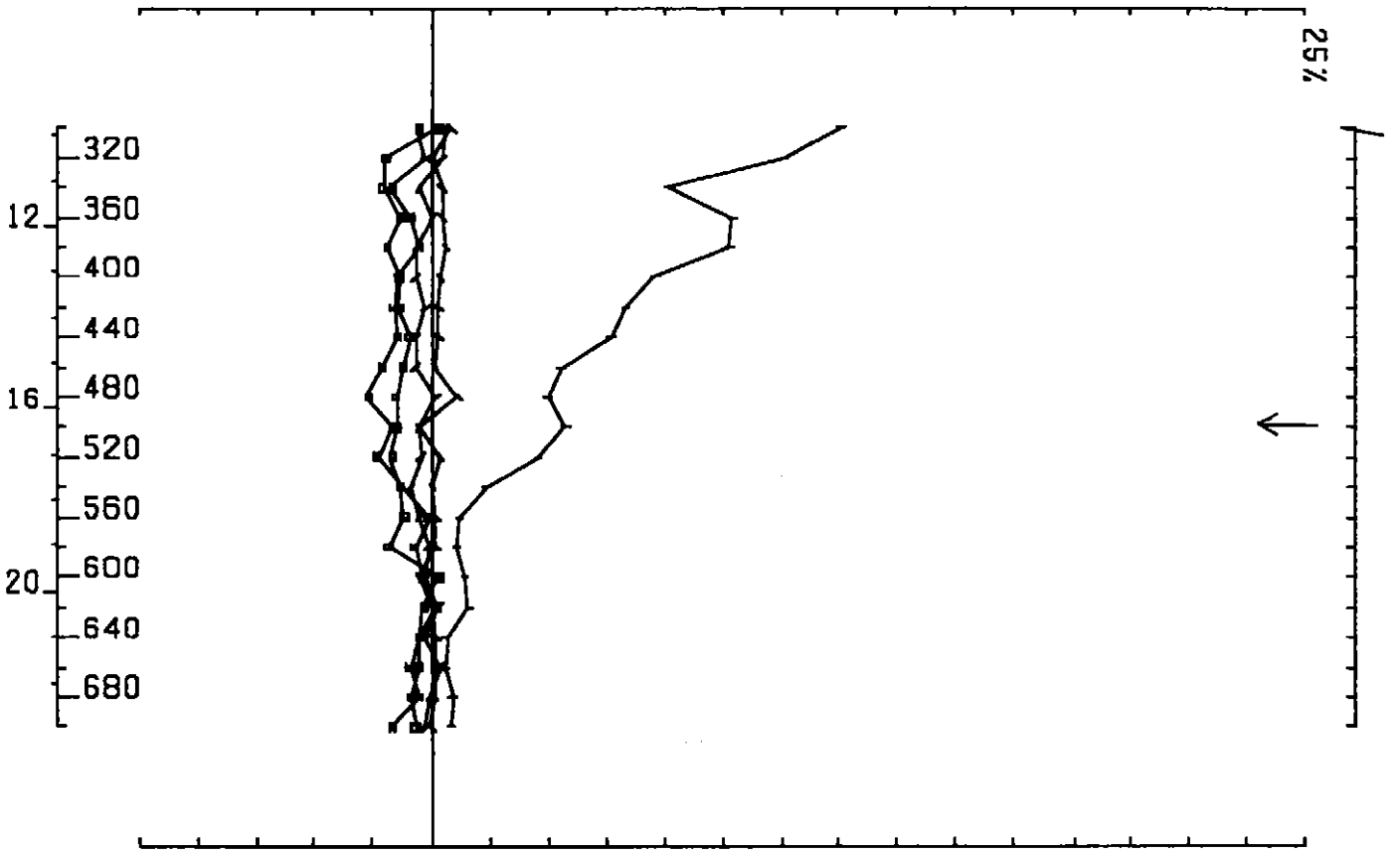
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 3RD AND 14TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.



UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 3RD AND 14TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

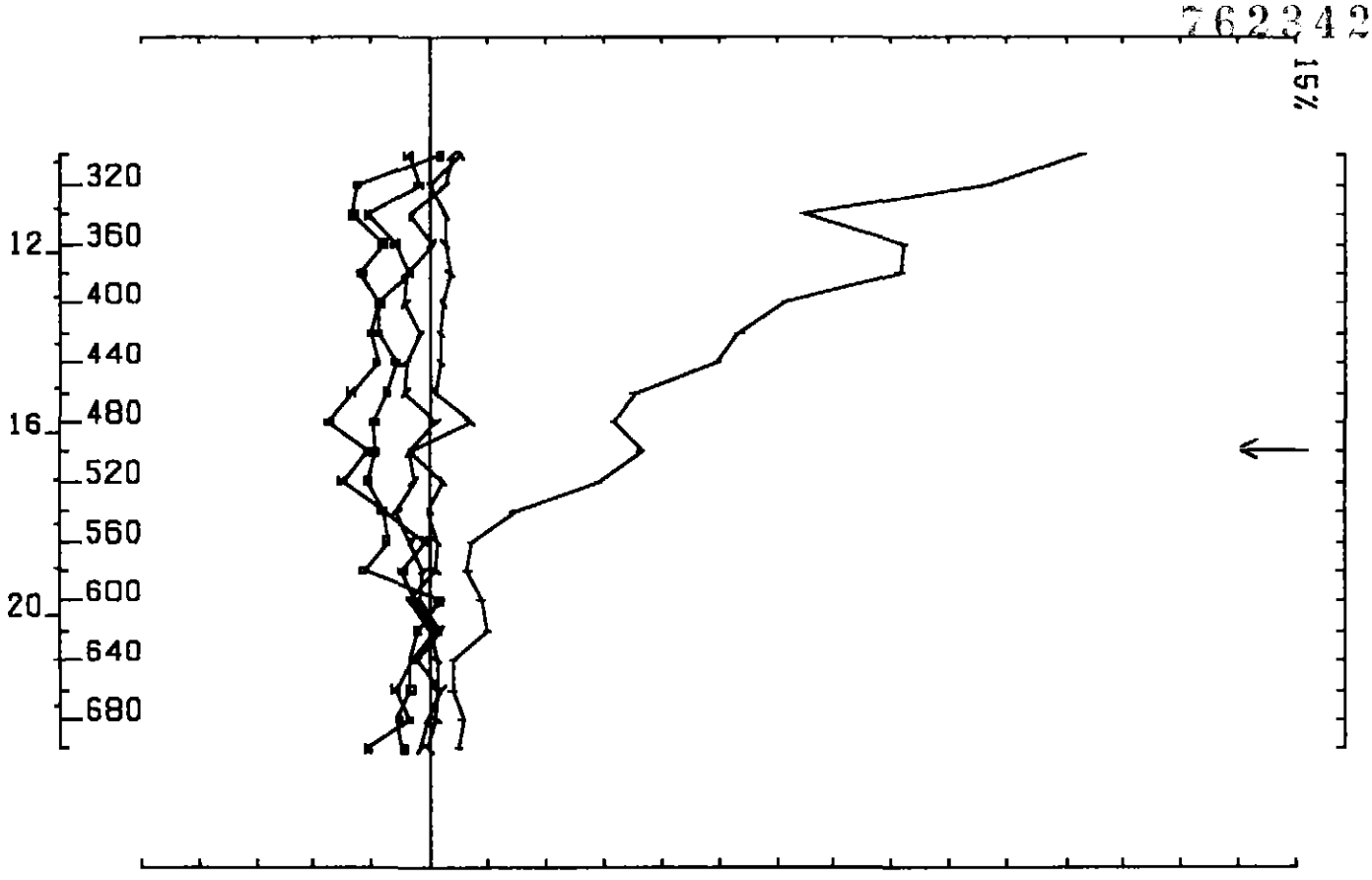


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 3RD AND 14TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

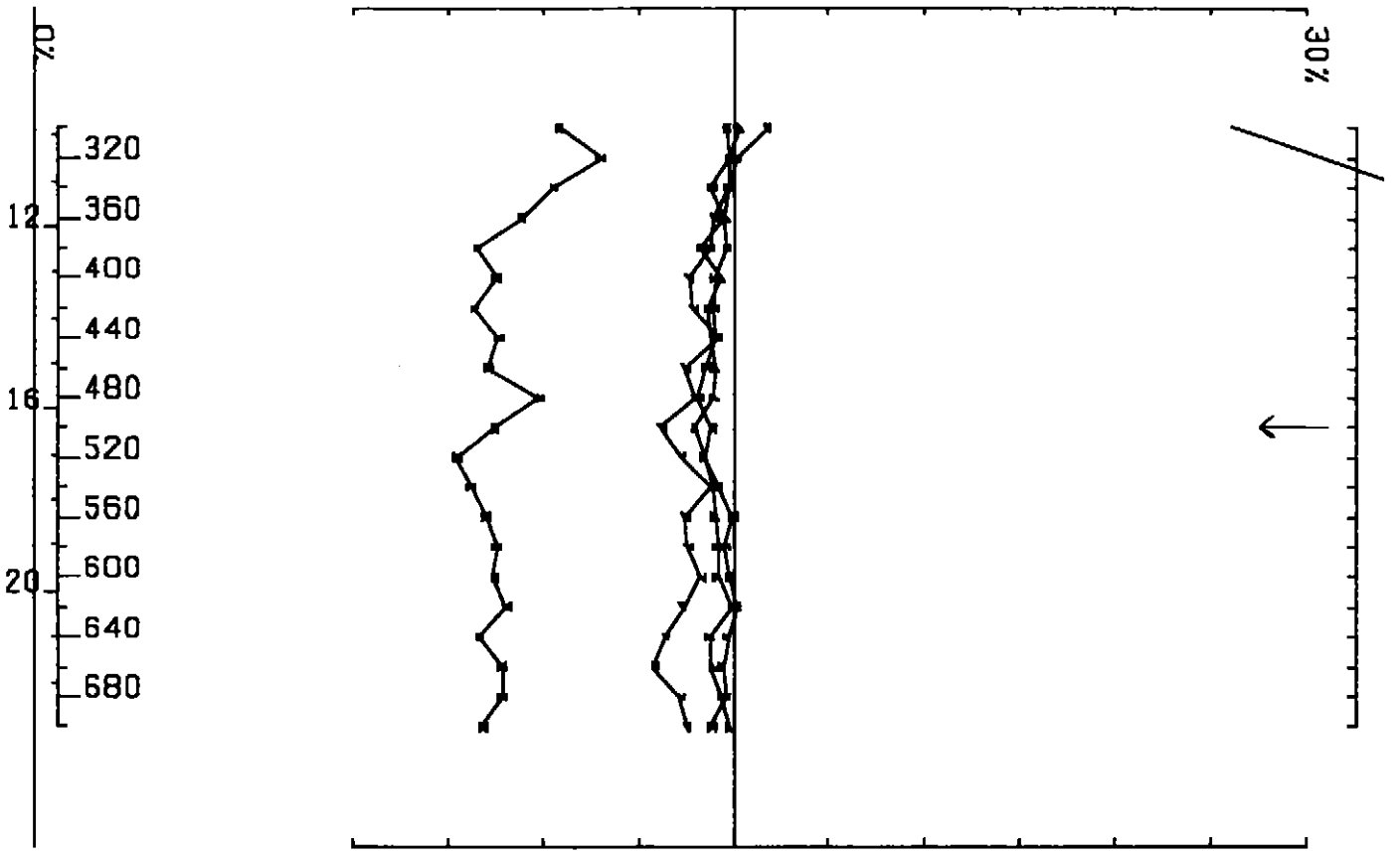


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 14TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 24.83
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762342

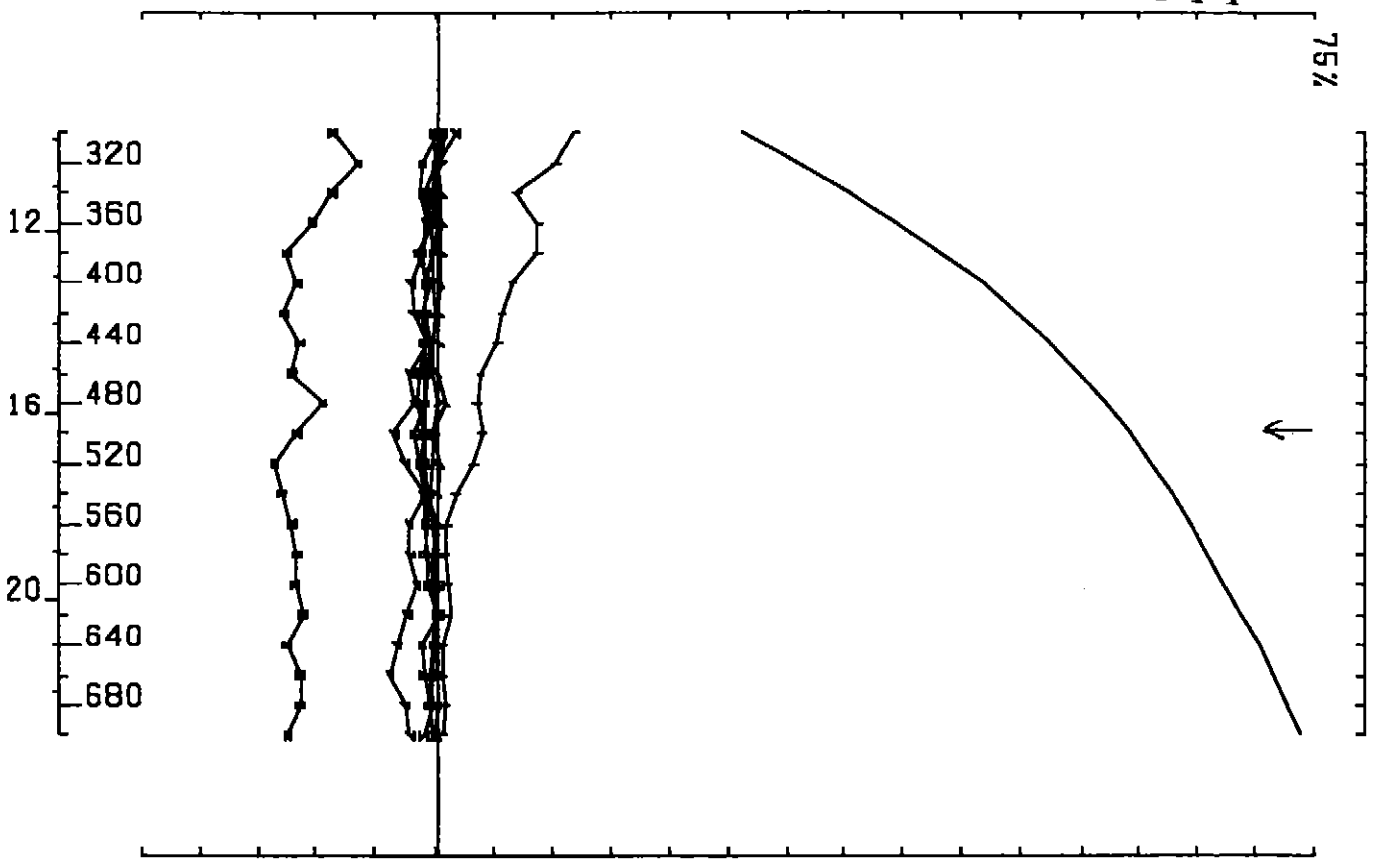


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 14TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 24.88
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.



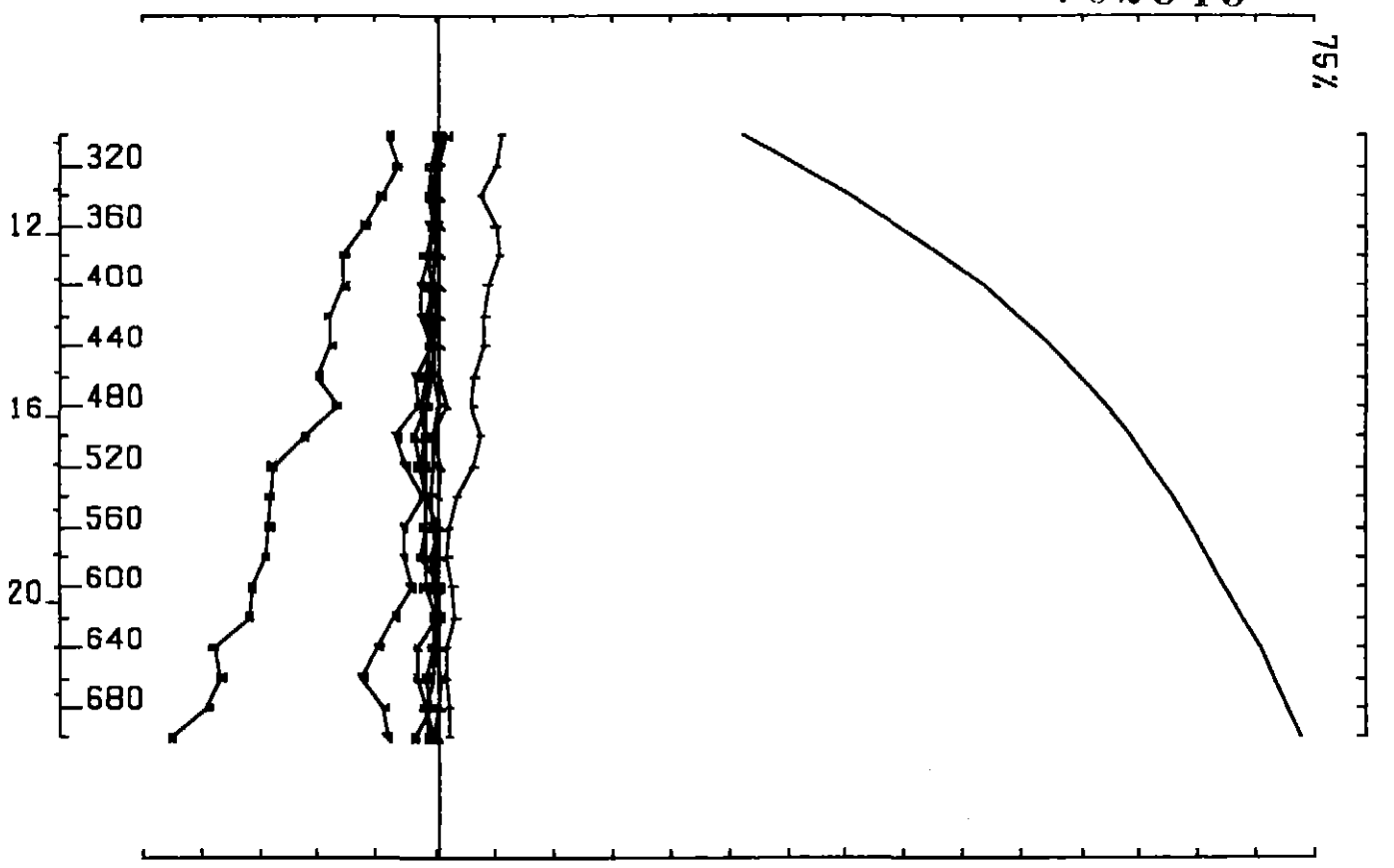
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 14TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 24.63
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762344



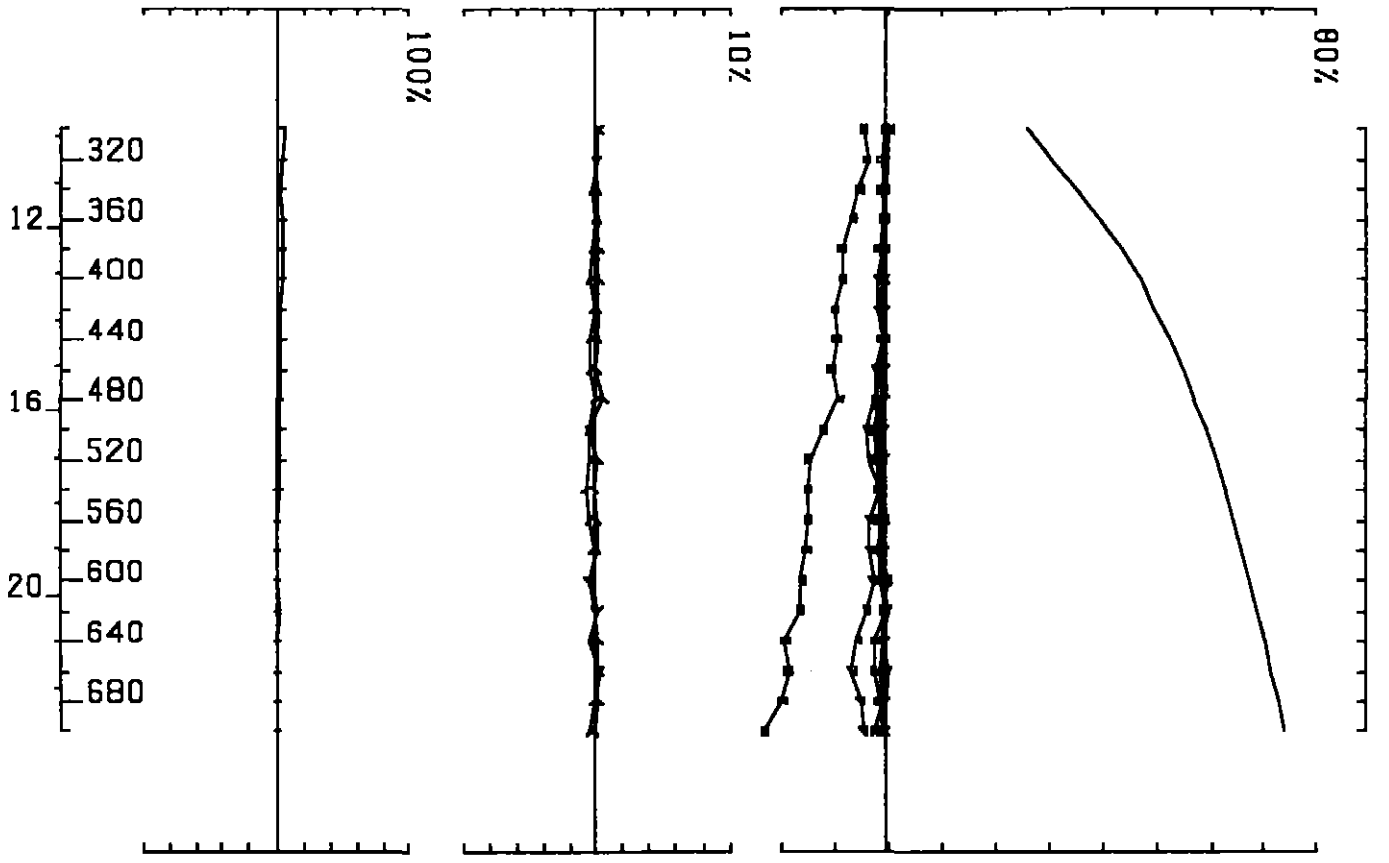
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 14TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 24.83
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762345

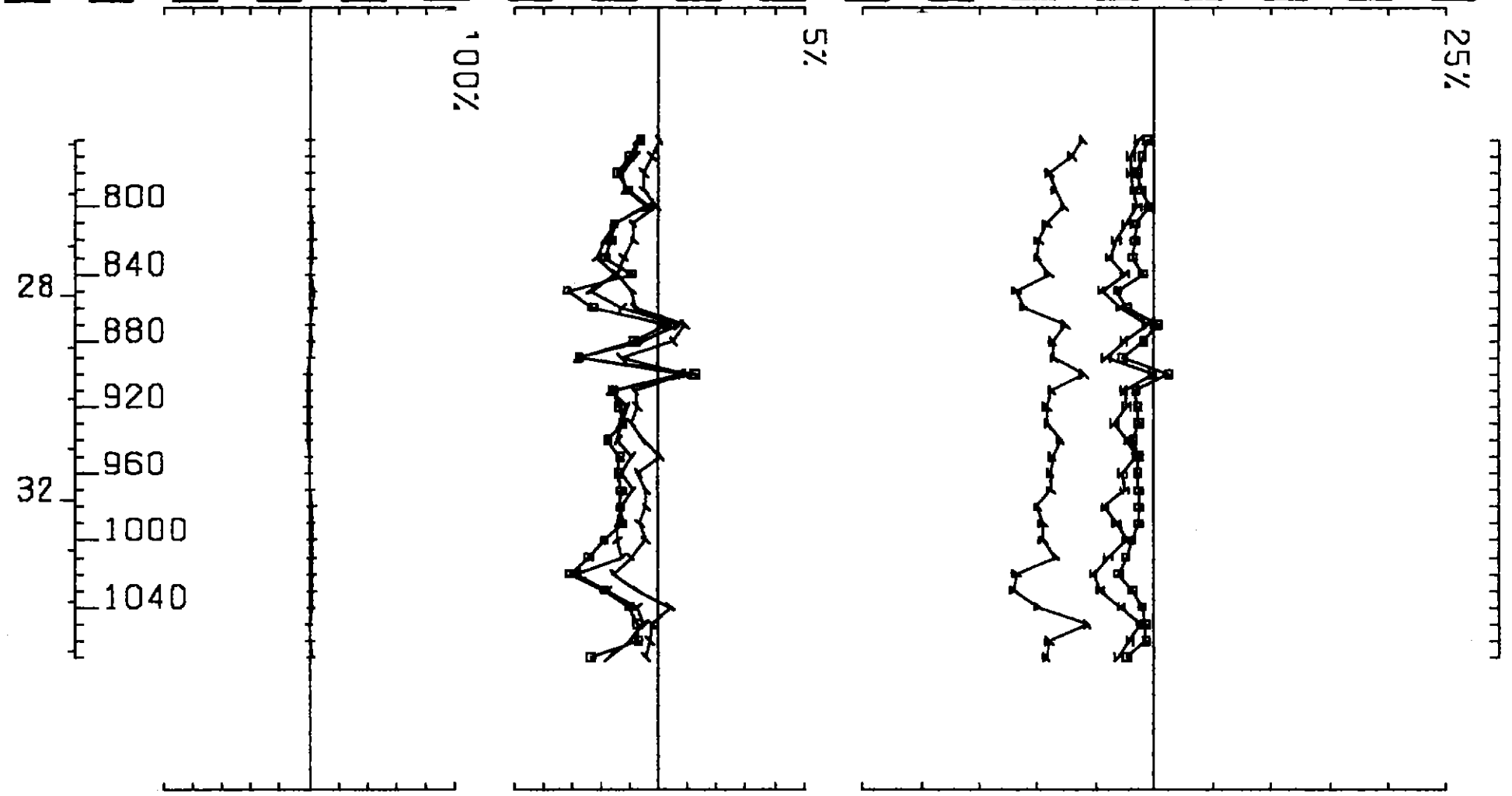


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 14TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 24.89
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

762346

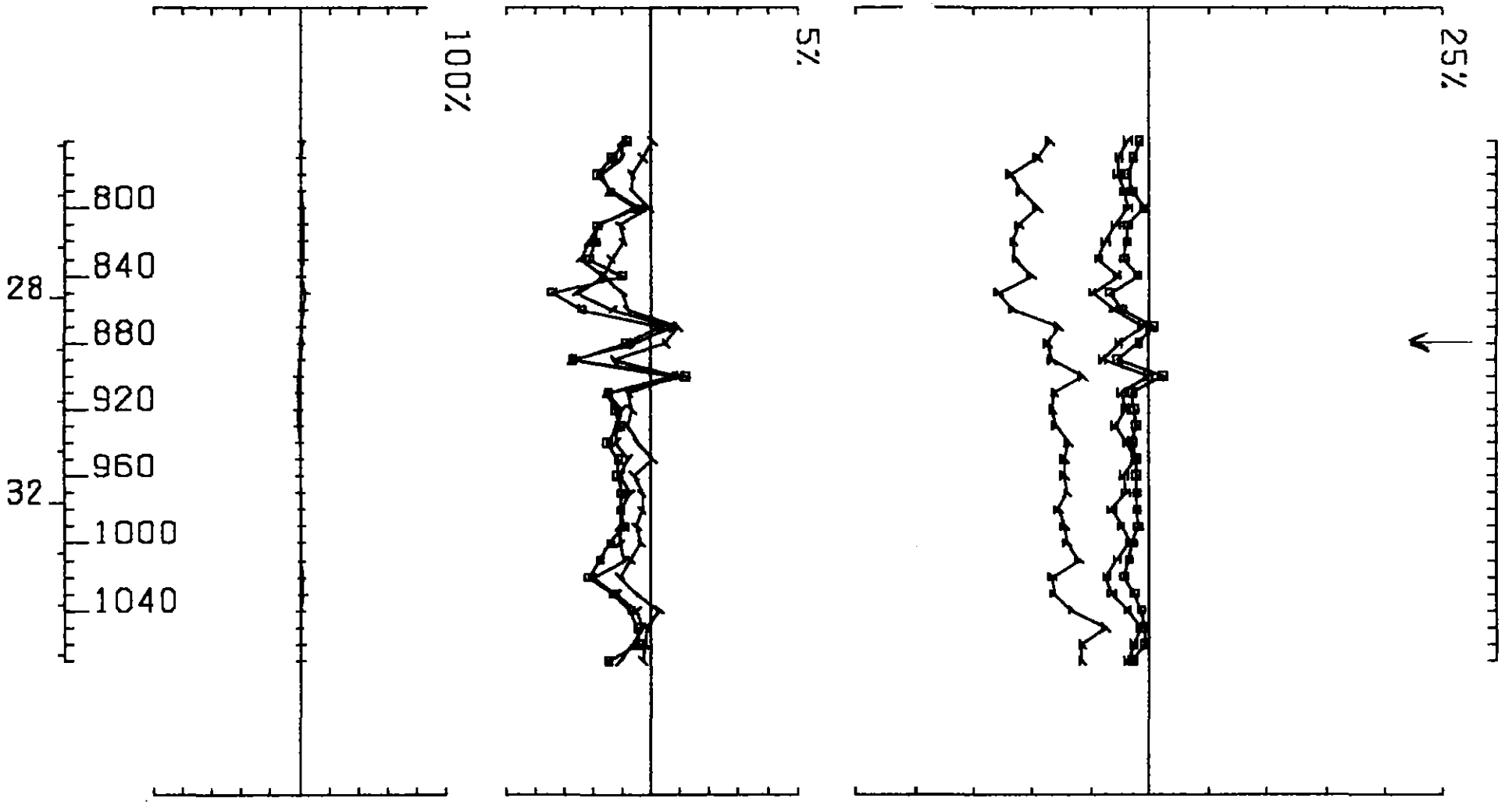


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 14TH MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 24.89
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.



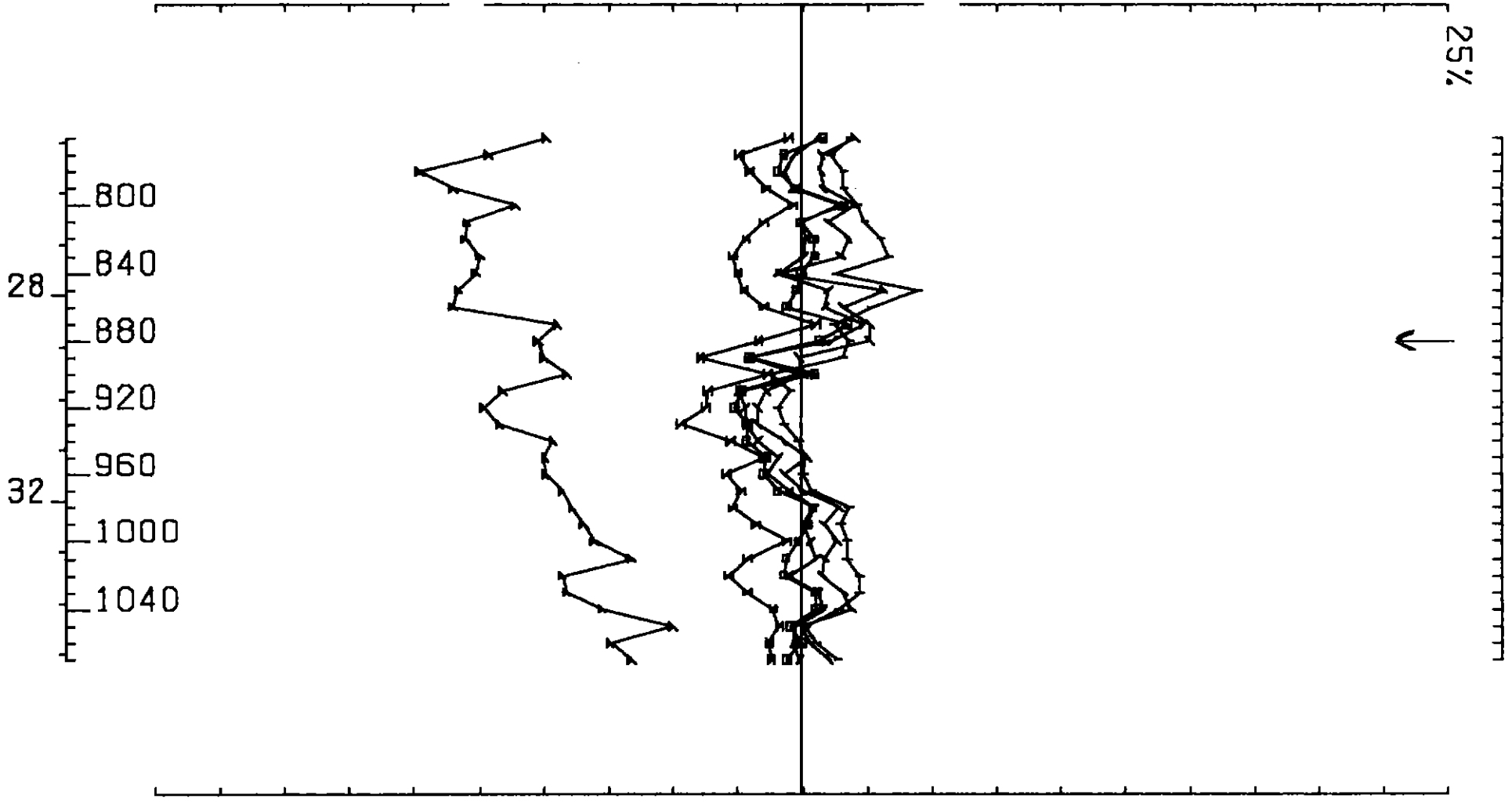
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 3RD MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

762347



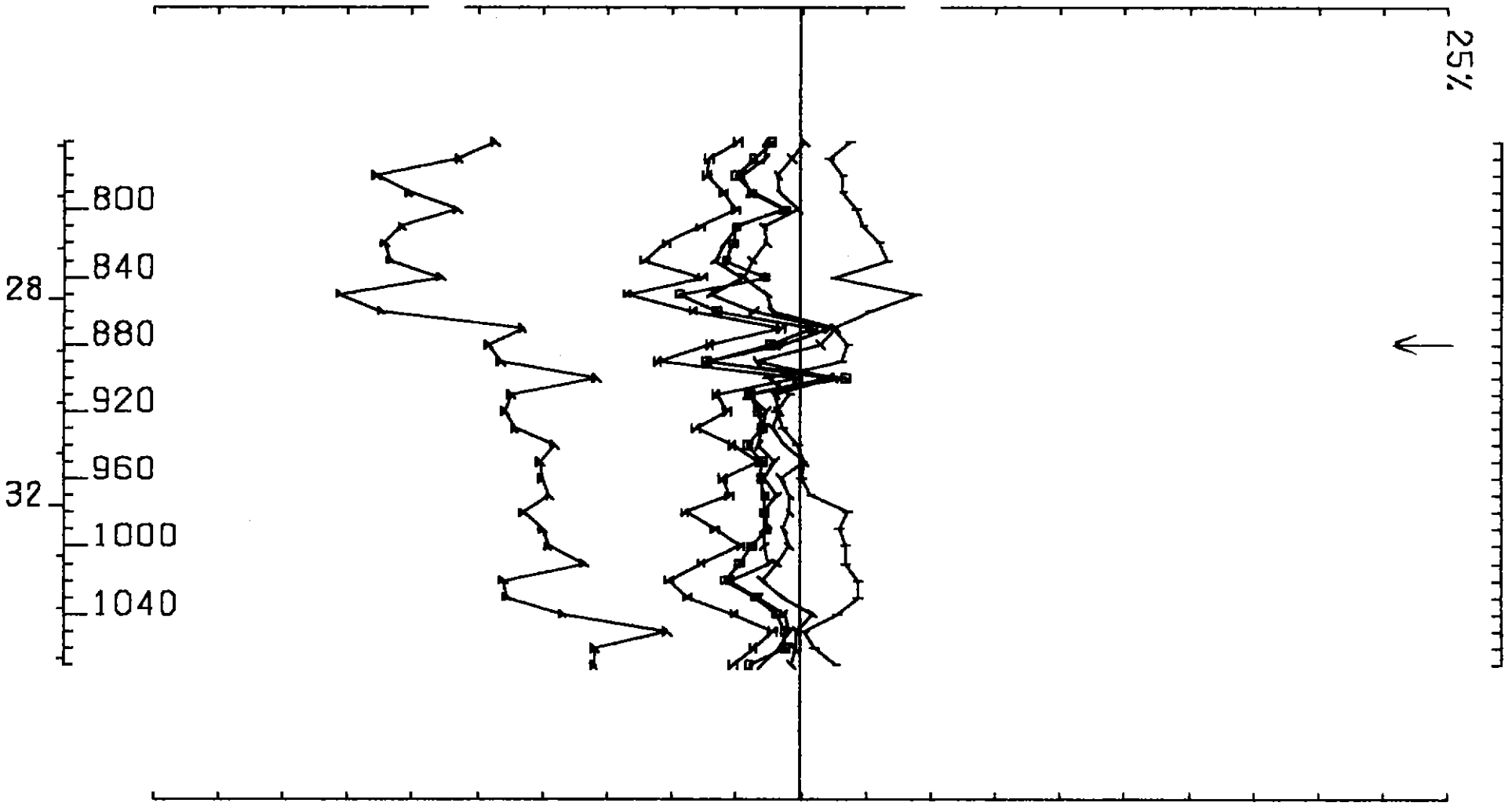
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 3RD MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

76234 8



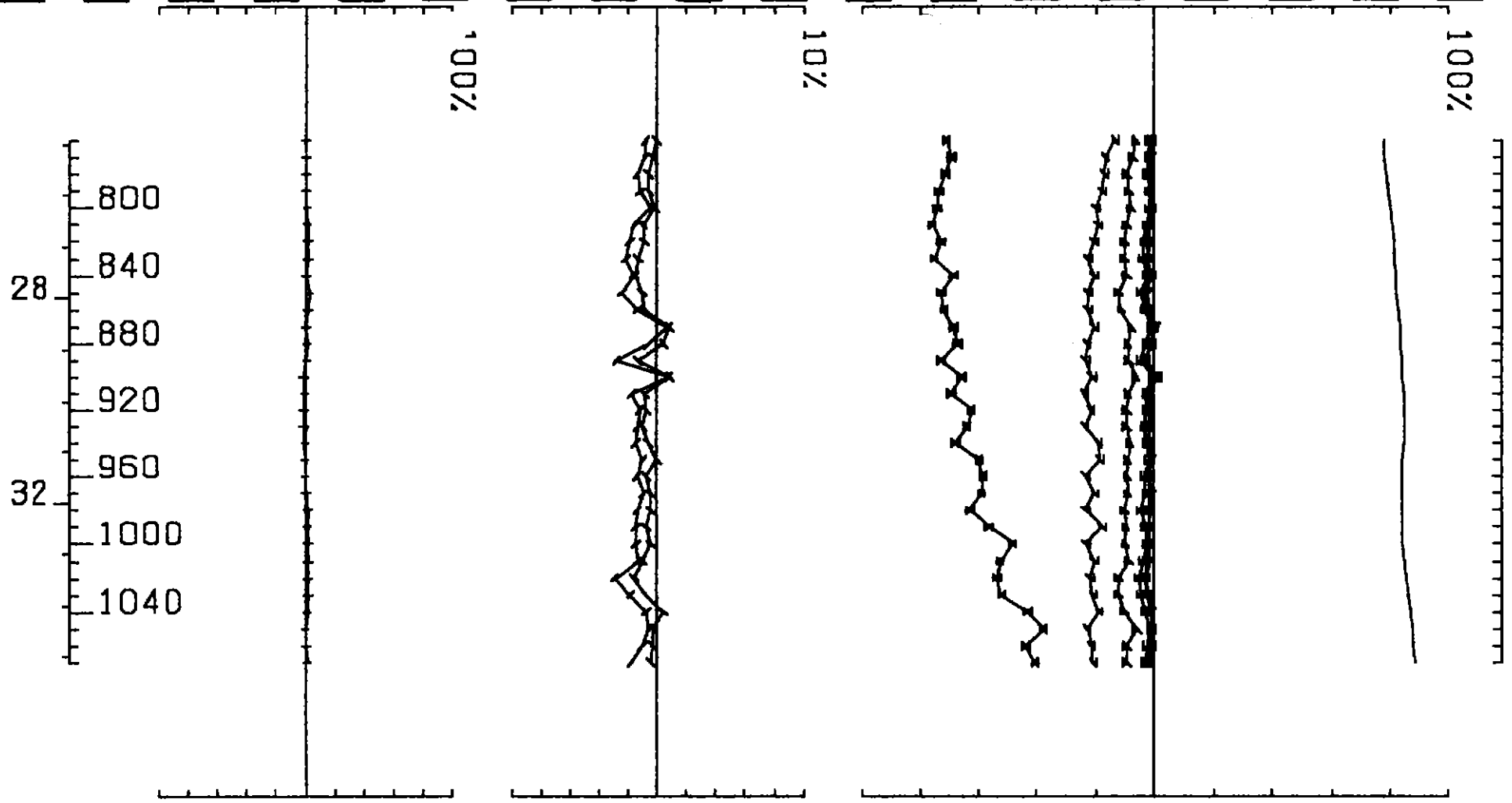
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 3RD MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD POINT NORM.

762349



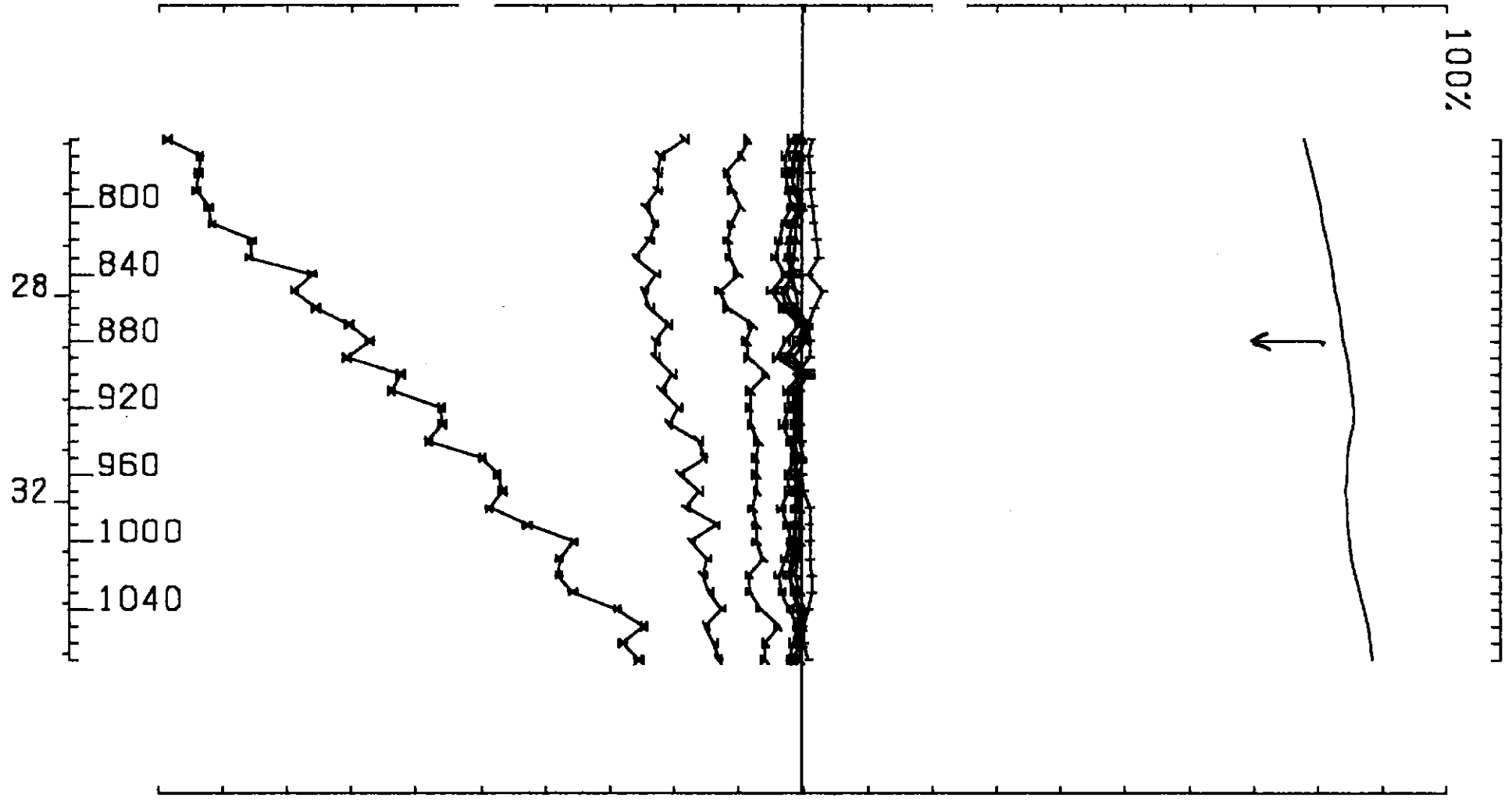
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 3RD MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

76235



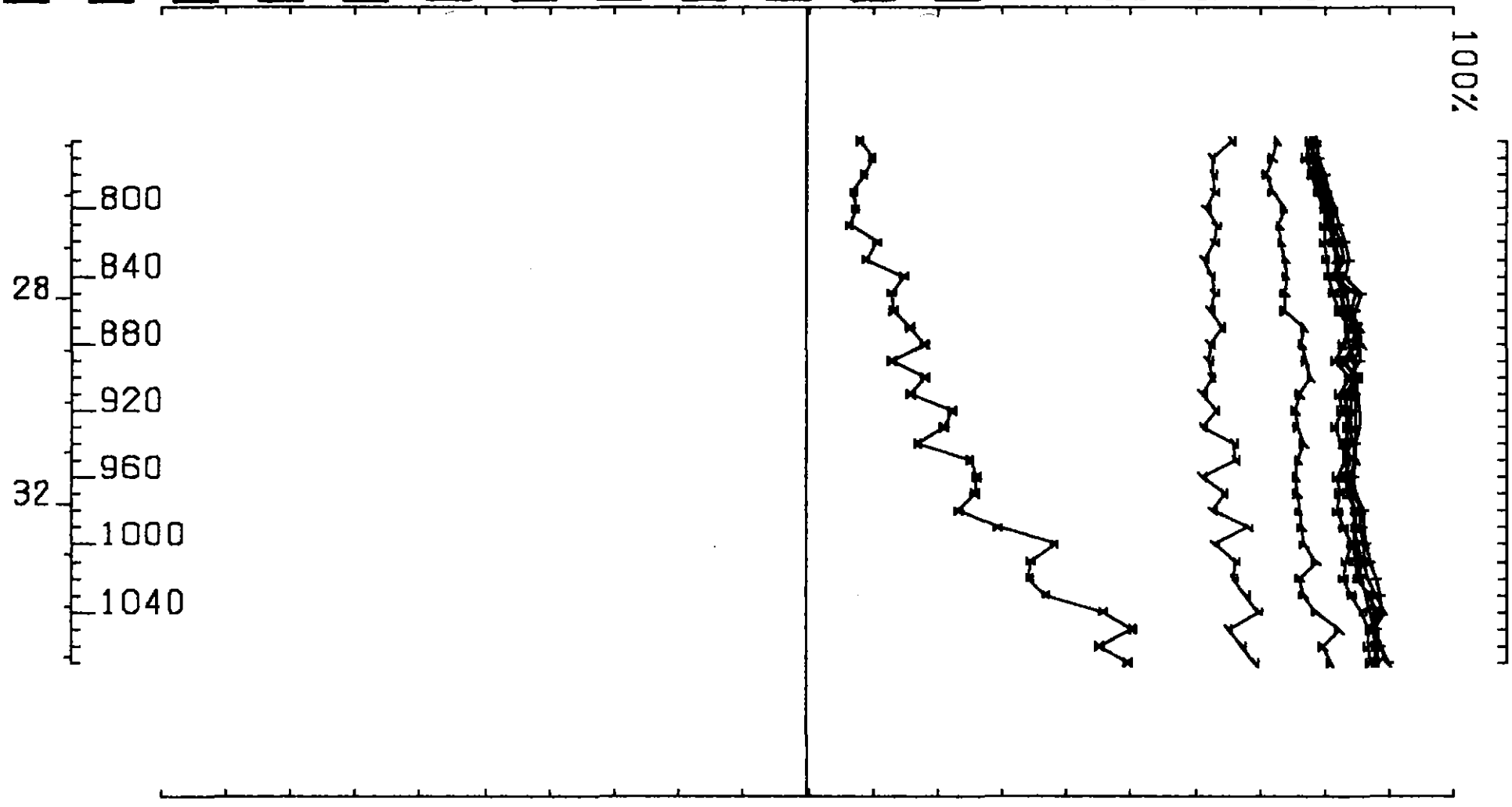
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 3RD MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

76235



UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 3RD MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

76233



UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 3RD MAY 1995
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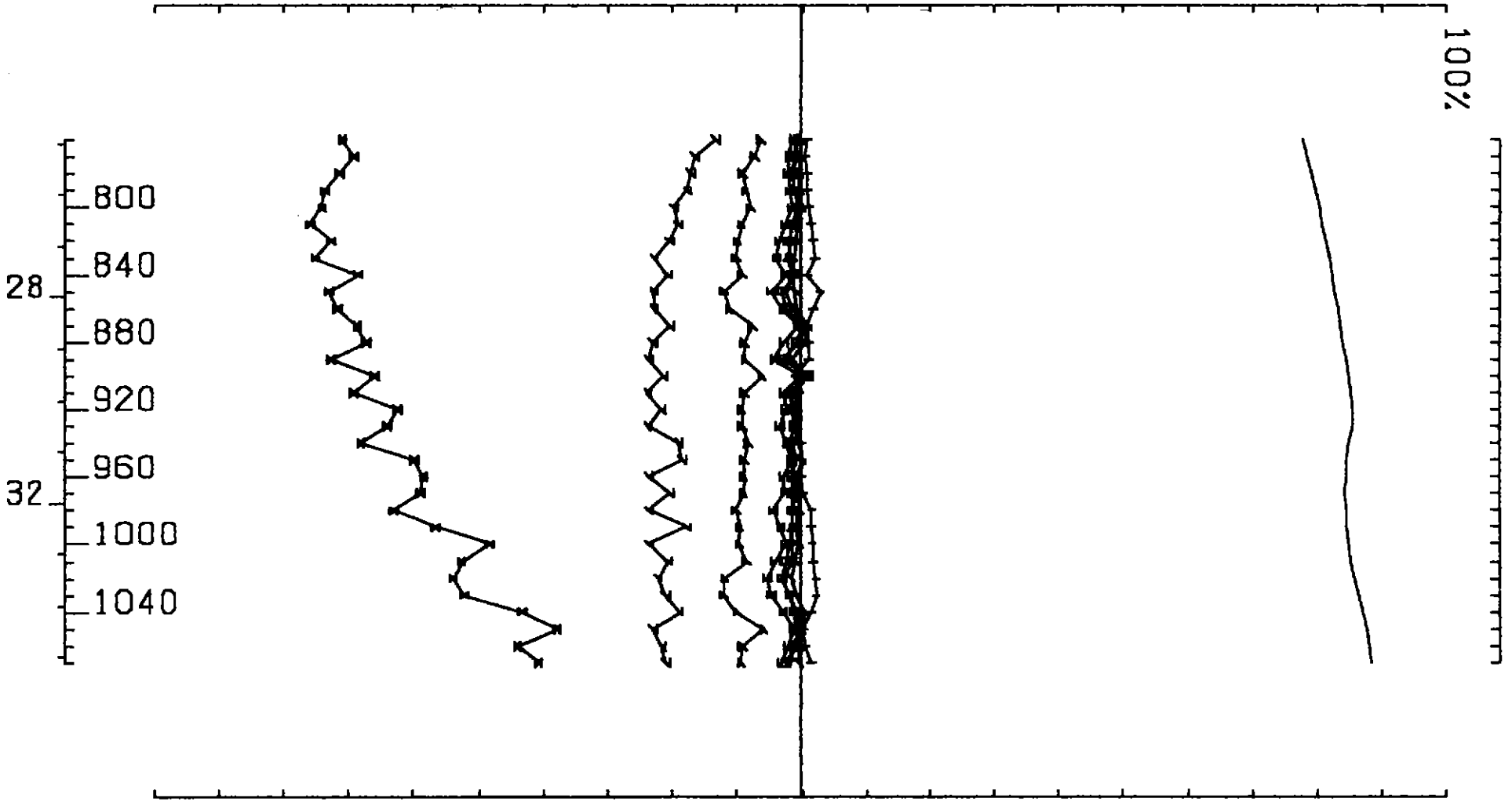
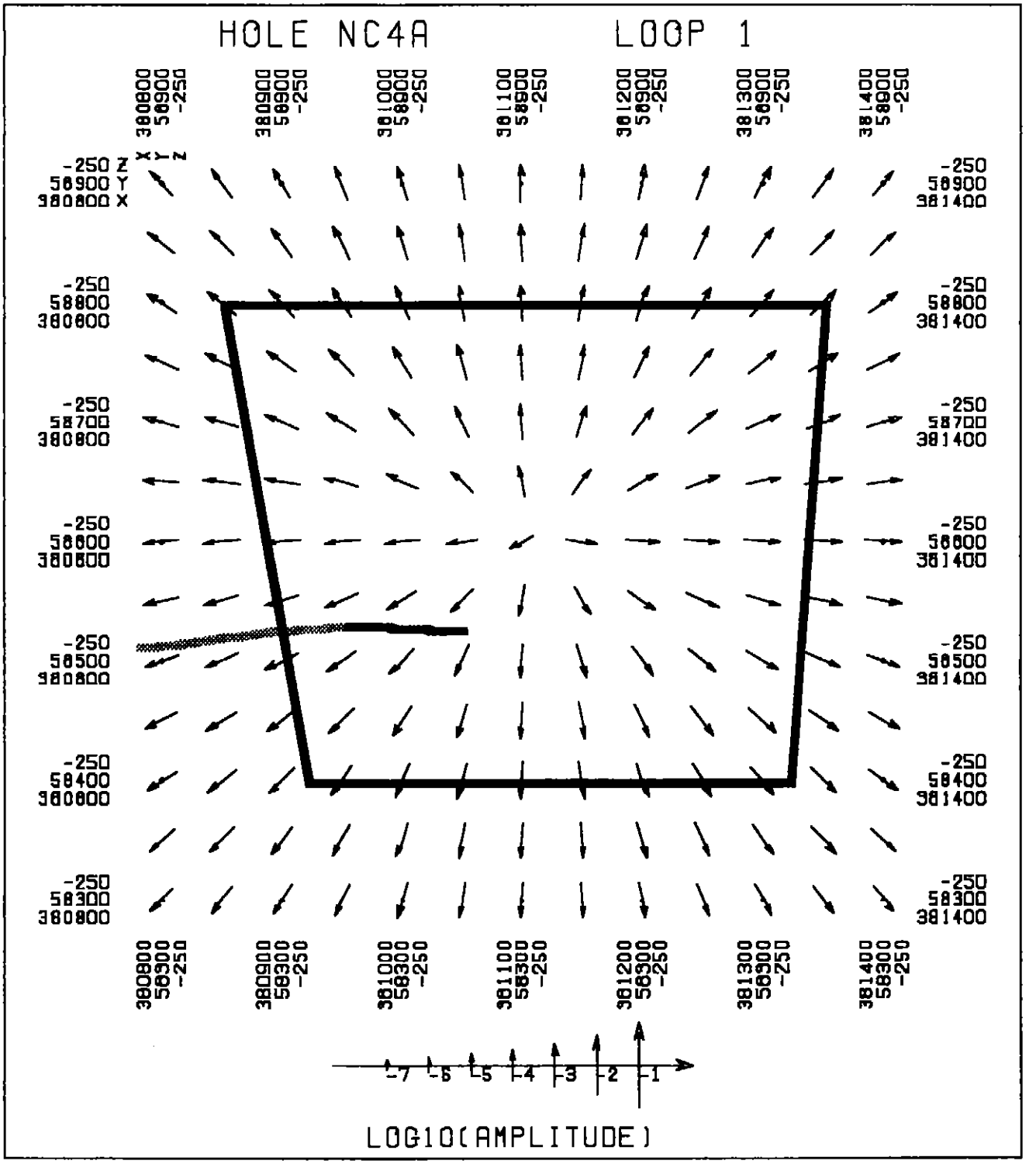
LOOP NO 2 HOLE NC03 AXIAL COMPONENT TOTAL FIELD CONTIN. NORM.

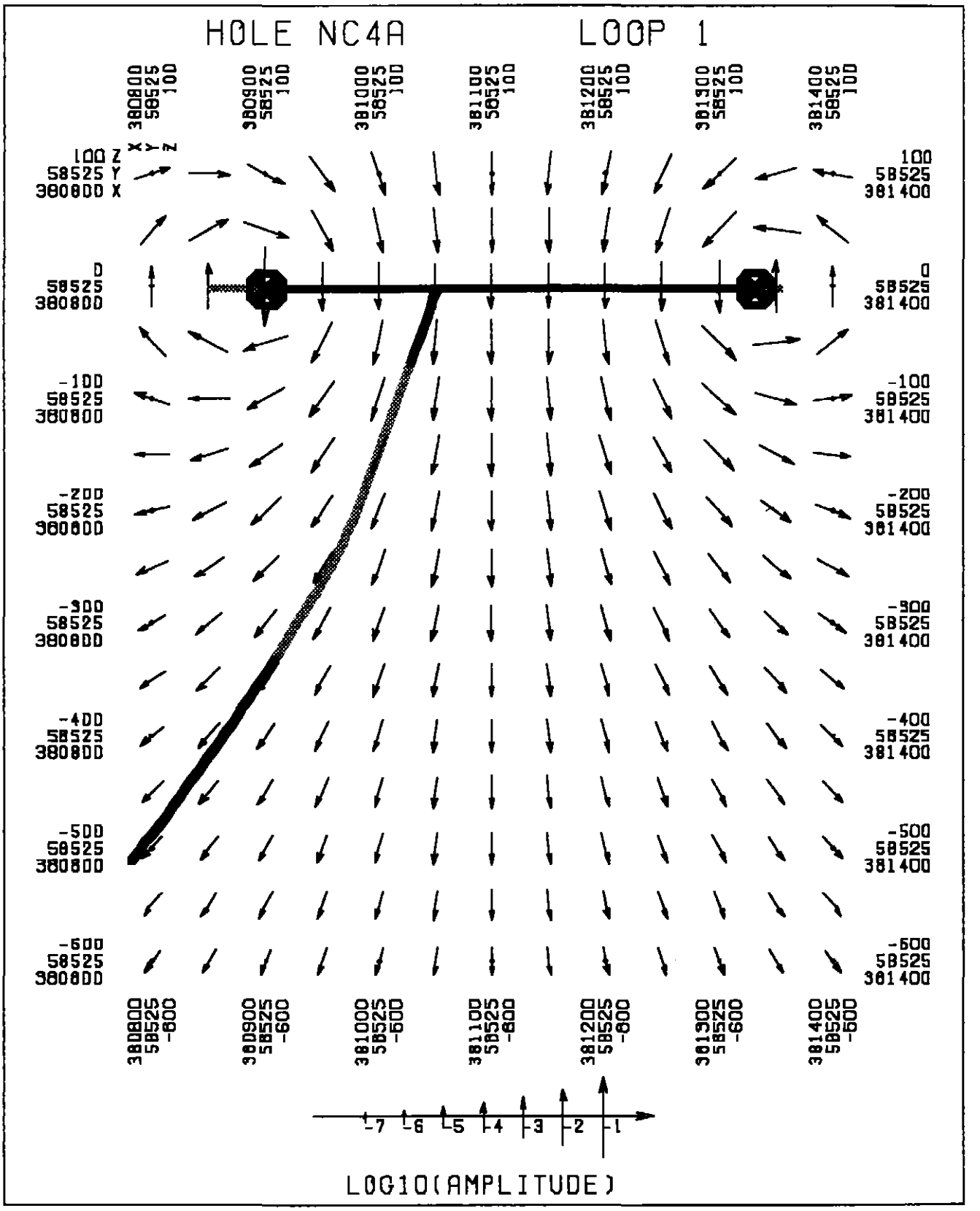
76235



UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 3RD MAY 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9504 BASE FREQ (HZ) 43.72
LOOP NO 2 HOLE NC03 AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

76235A


HOLE NC4A
LOOP 1
380800 58900 -250
380900 58900 -250
381000 58900 -250
381100 58900 -250
381200 58900 -250
381300 58900 -250
381400 58900 -250
-250 Z
58900 Y
380800 X
-250 58800 380800
-250 58700 380800
-250 58600 380800
-250 58500 380800
-250 58400 380800
-250 58300 380800
-250 58800 381400
-250 58700 381400
-250 58600 381400
-250 58500 381400
-250 58400 381400
-250 58300 381400
380800 58300 -250
380900 58300 -250
381000 58300 -250
381100 58300 -250
381200 58300 -250
381300 58300 -250
381400 58300 -250
-7 -6 -5 -4 -3 -2 -1
LOG10(AMPLITUDE)


HOLE NC4A
LOOP 1
380800 58525 100
380900 58525 100
381000 58525 100
381100 58525 100
381200 58525 100
381300 58525 100
381400 58525 100
100 Z
58525 Y
380800 X
100 58525 381400
0 58525 380800
0 58525 381400
-100 58525 380800
-100 58525 381400
-200 58525 380800
-200 58525 381400
-300 58525 380800
-300 58525 381400
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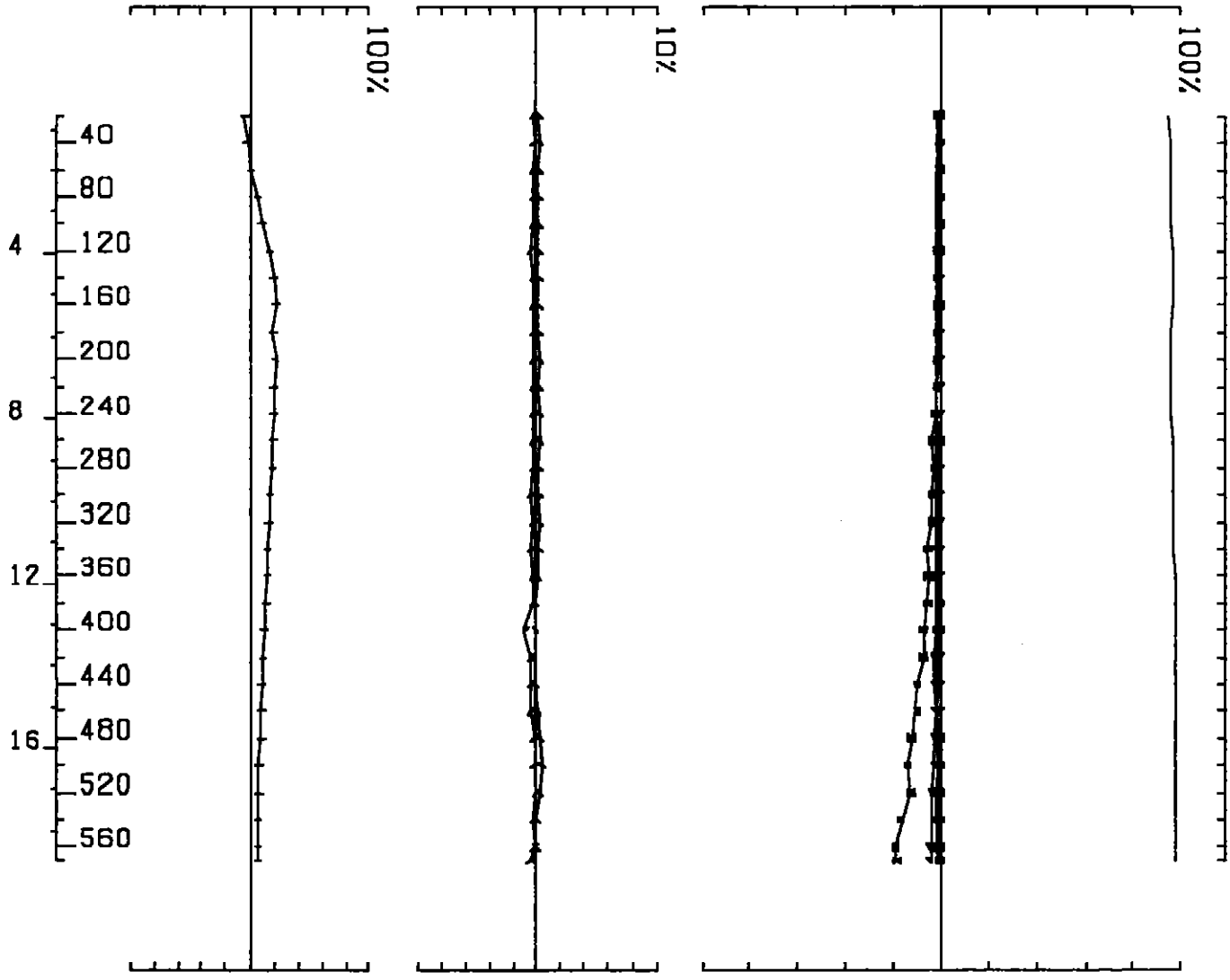
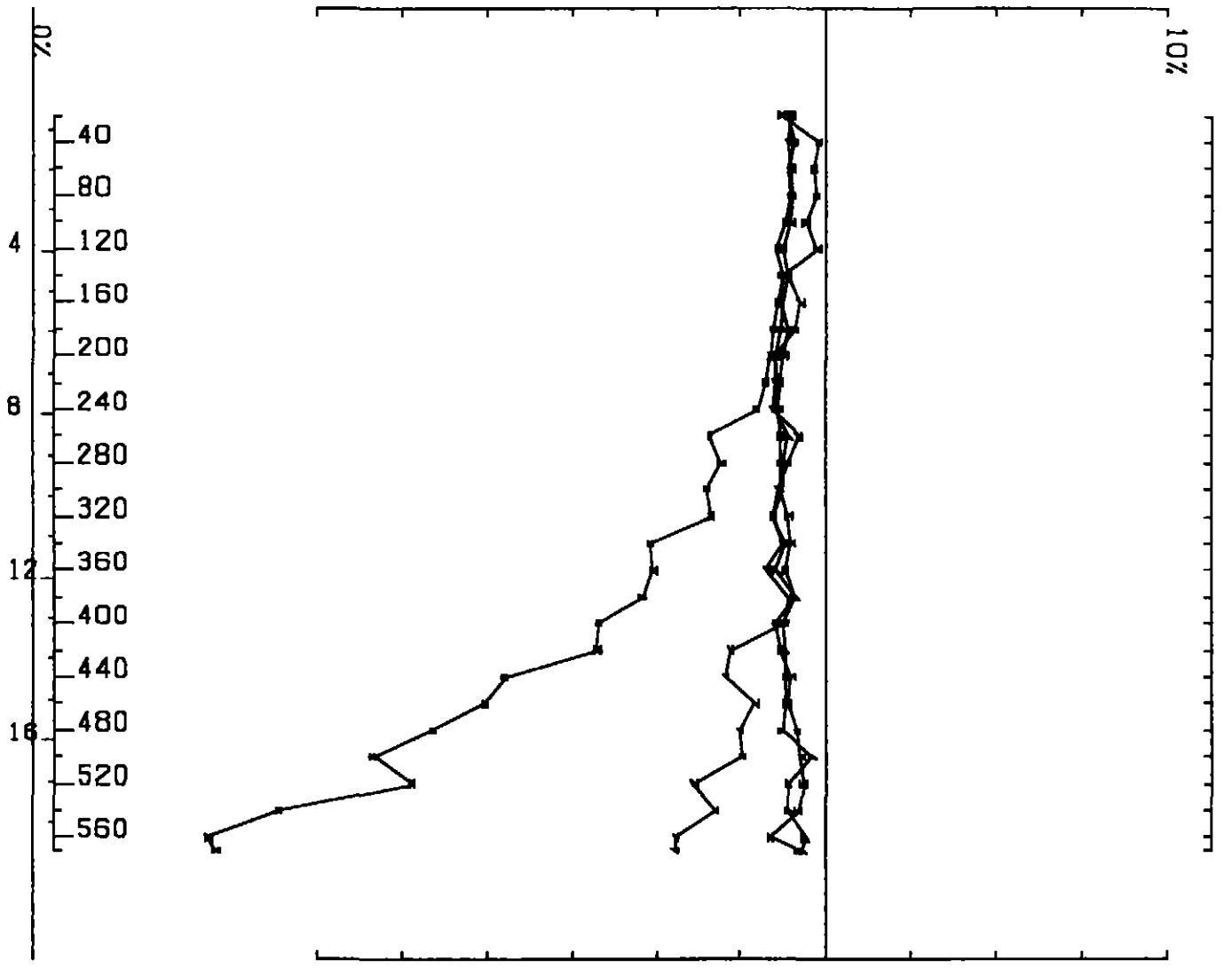
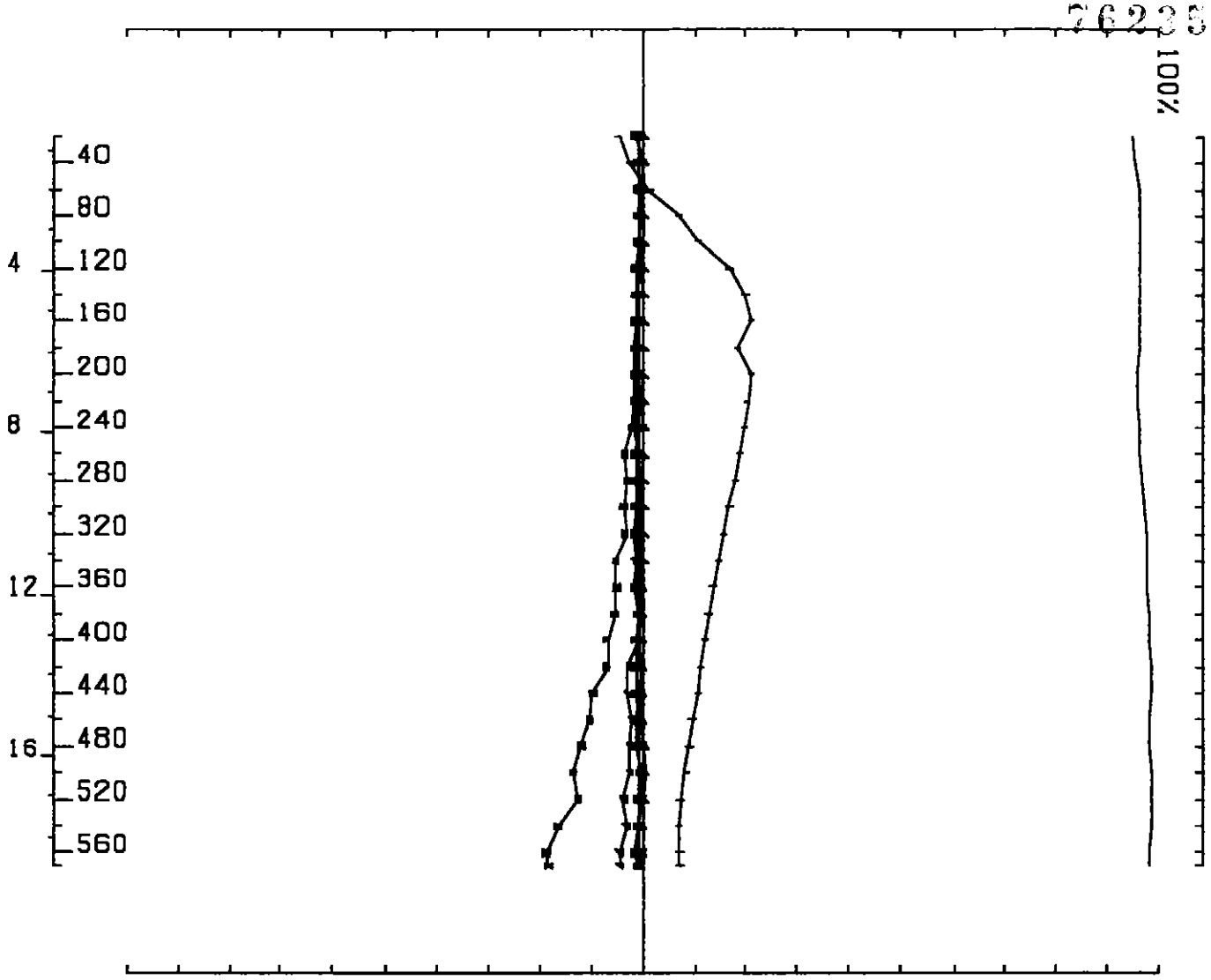
-500 58525 381400
-600 58525 380800
-600 58525 381400
380800 58525 -600
380900 58525 -600
381000 58525 -600
381100 58525 -600
381200 58525 -600
381300 58525 -600
381400 58525 -600
7 6 5 4 3 2 1
LOG10(AMPLITUDE)



UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 19TH AUGUST 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9506 BASE FREQ (HZ) 24.83
LOOP NO 1 HOLE NC4A AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

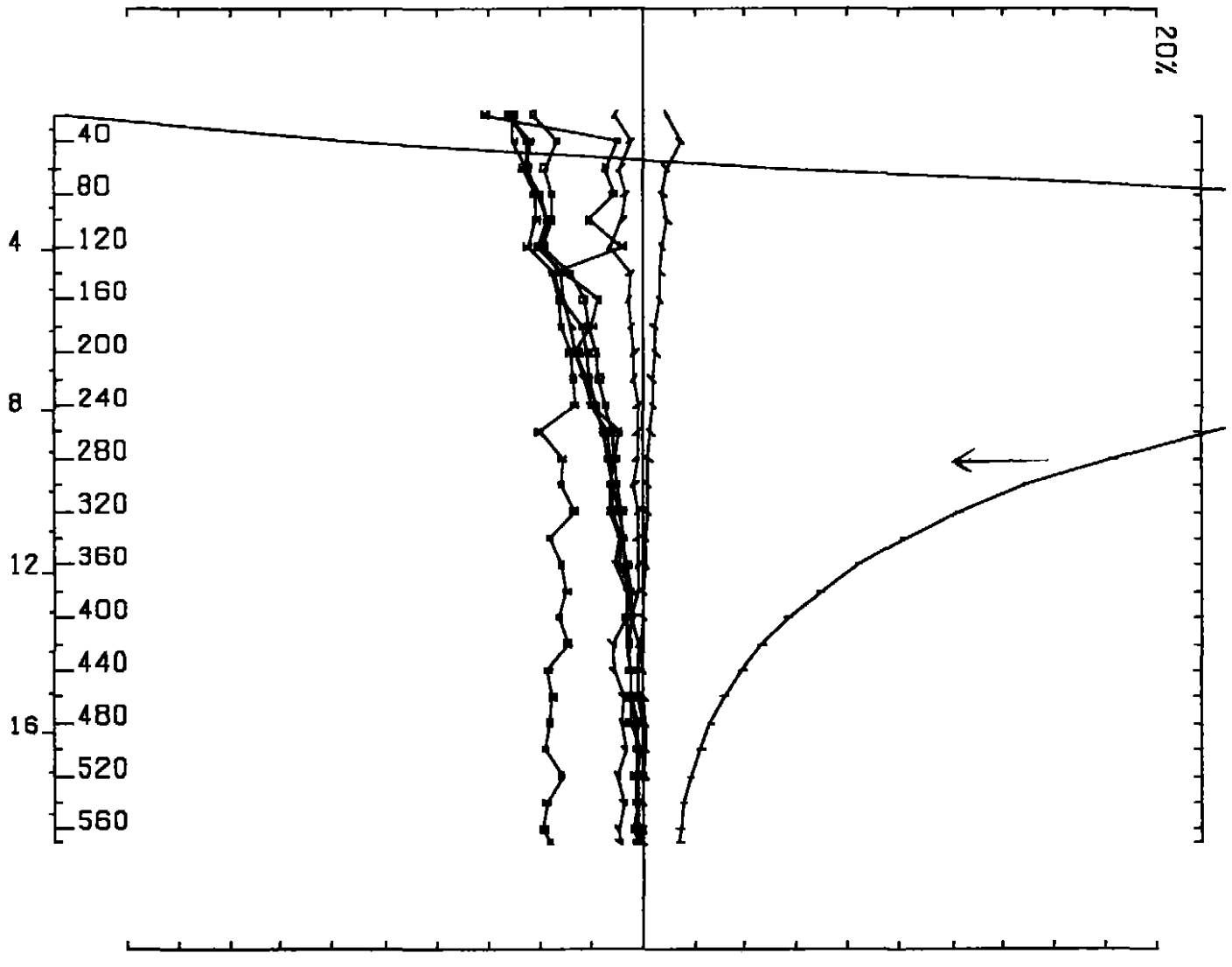


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 19TH AUGUST 1985
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 8506 BASE FREQ (HZ) 24.83
LOOP NO 1 HOLE NC4A AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.



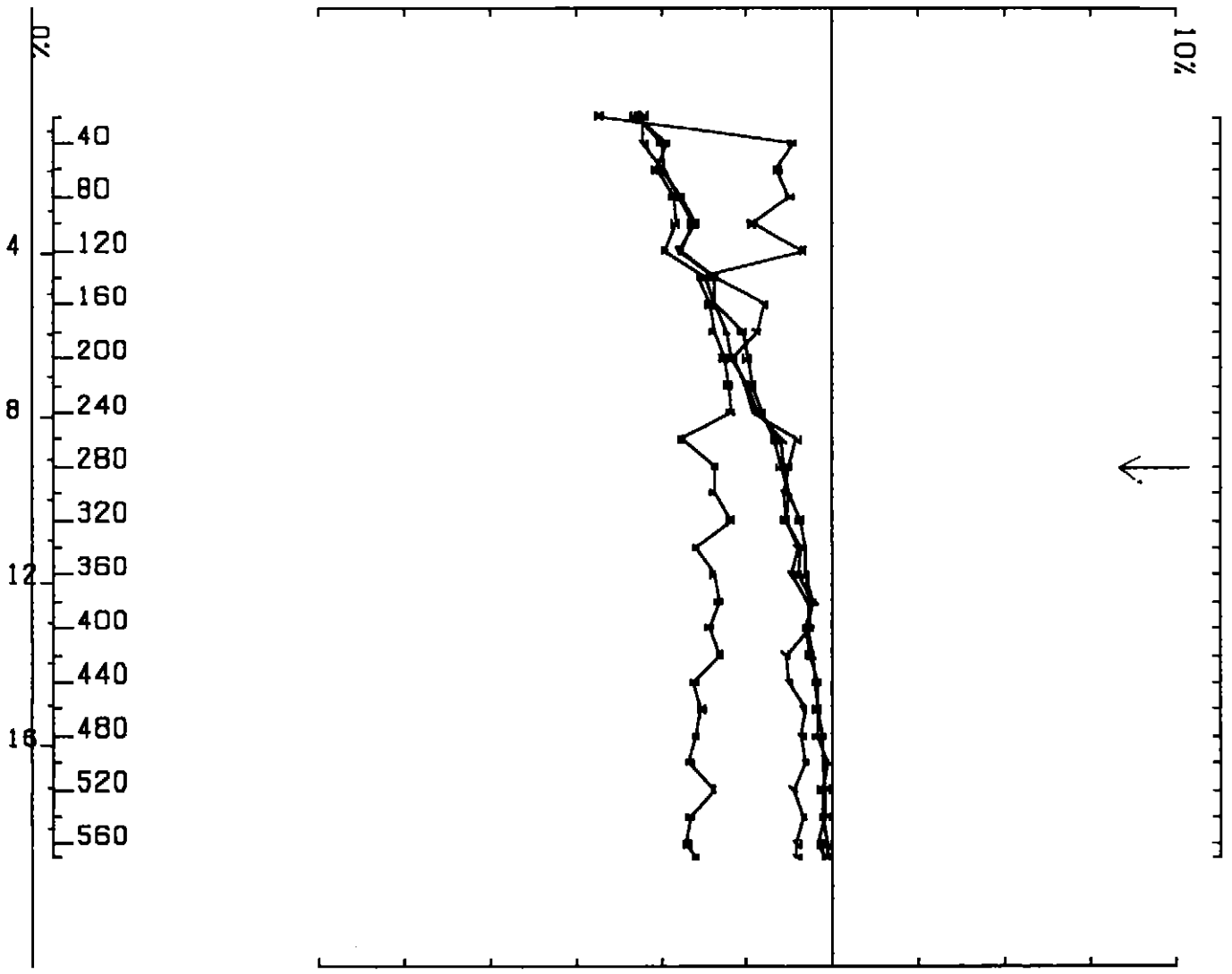
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 19TH AUGUST 1985
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9506 BASE FREQ (HZ) 24.83
LOOP NO 1 HOLE NC4A AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

762360



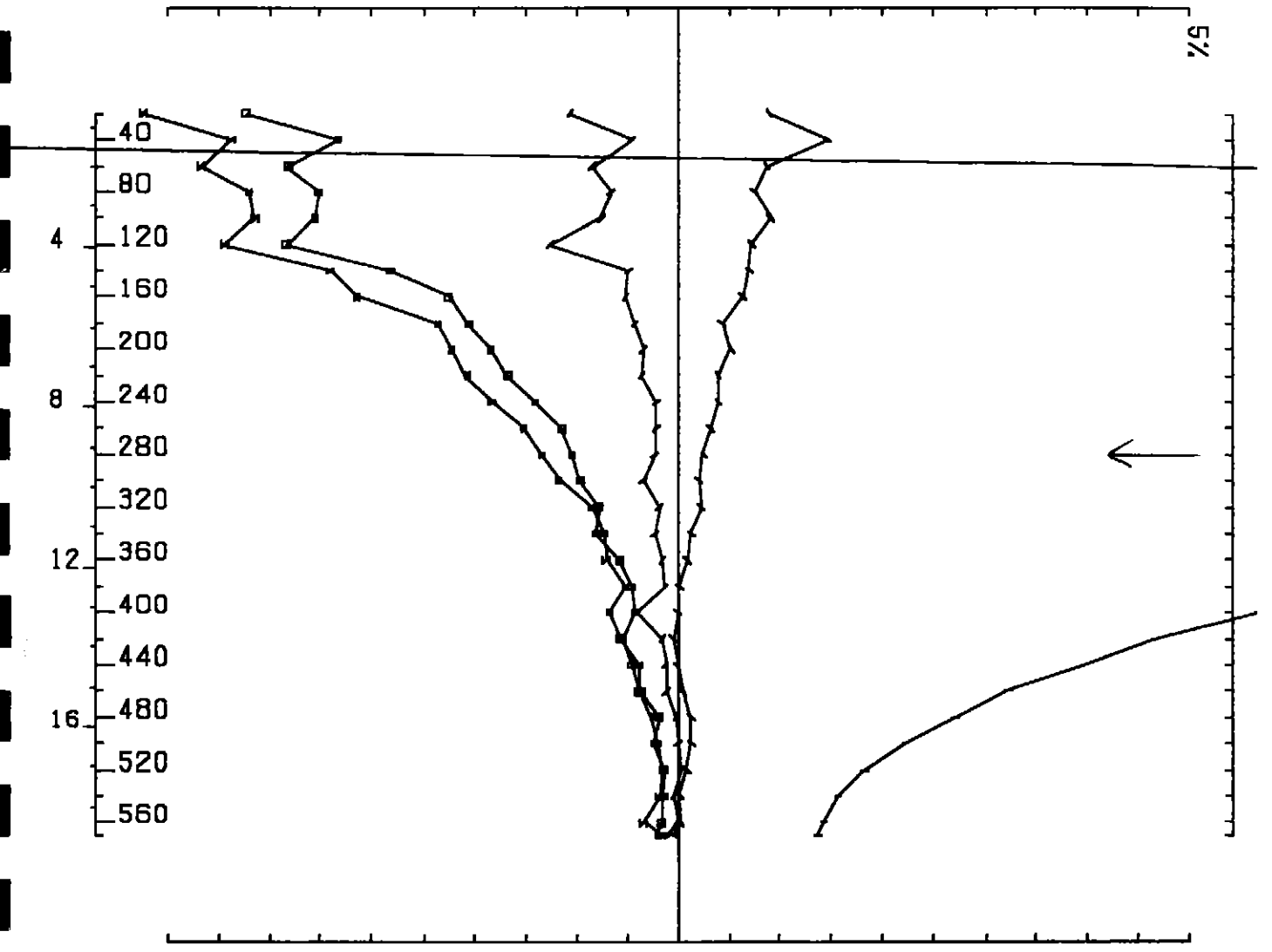
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 19TH AUGUST 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9506 BASE FREQ (HZ) 24.83
LOOP NO 1 HOLE NC4A AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762361



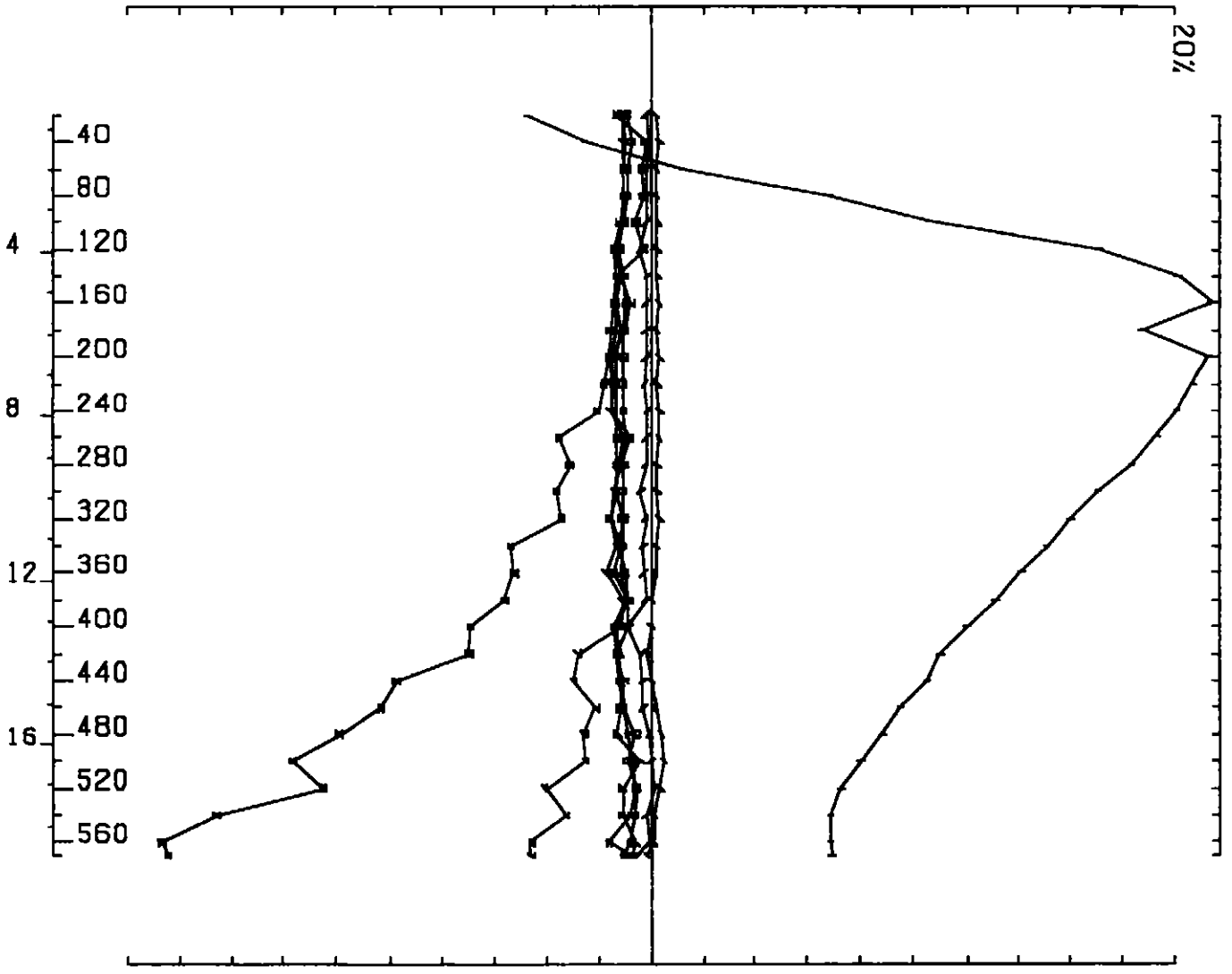
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 19TH AUGUST 1985
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9506 BASE FREQ (HZ) 24.83
LOOP NO 1 HOLE NC4A AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762362

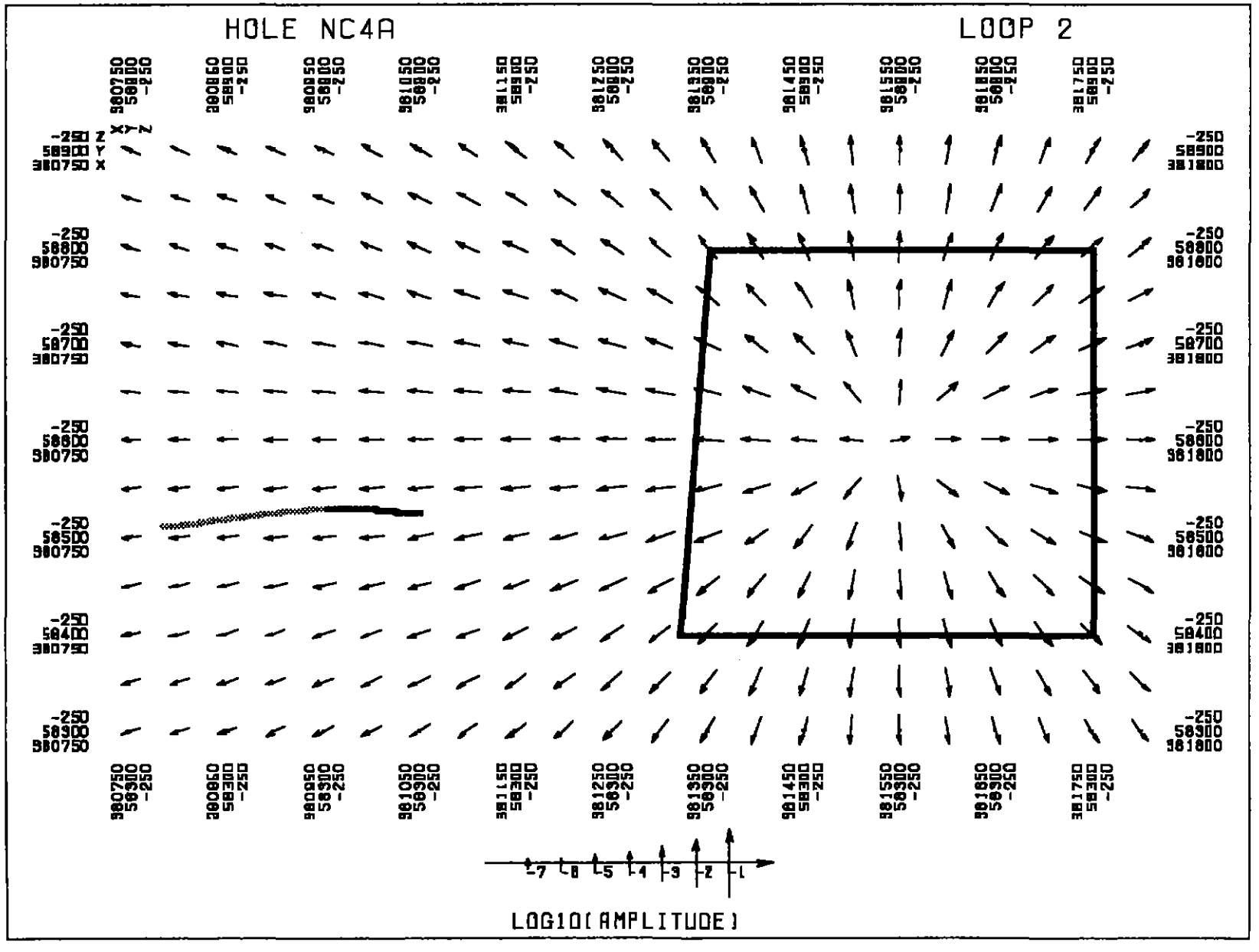


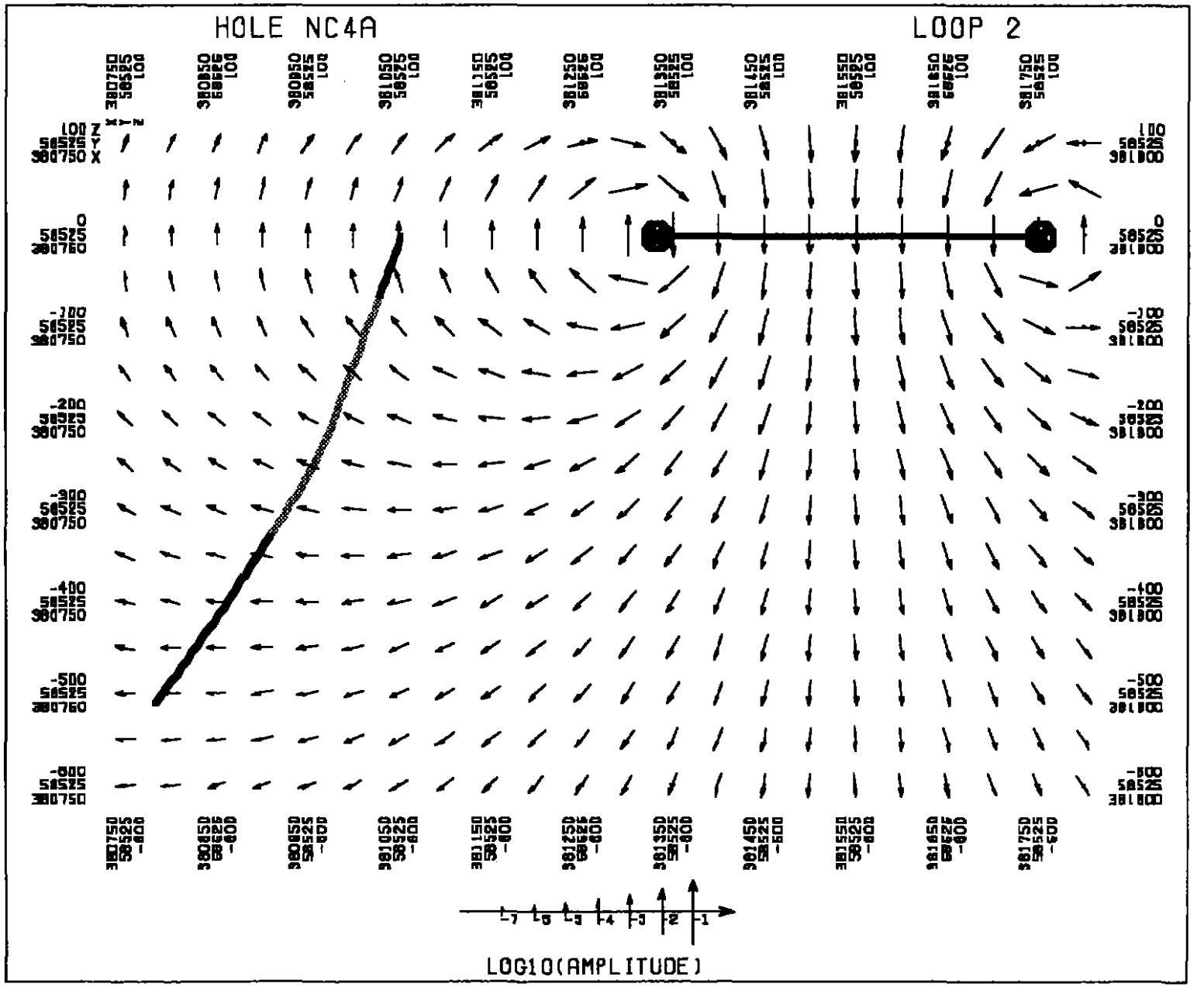
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 19TH AUGUST 1985
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9506 BASE FREQ (HZ) 24.83
LOOP NO 1 HOLE NC4A AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762363

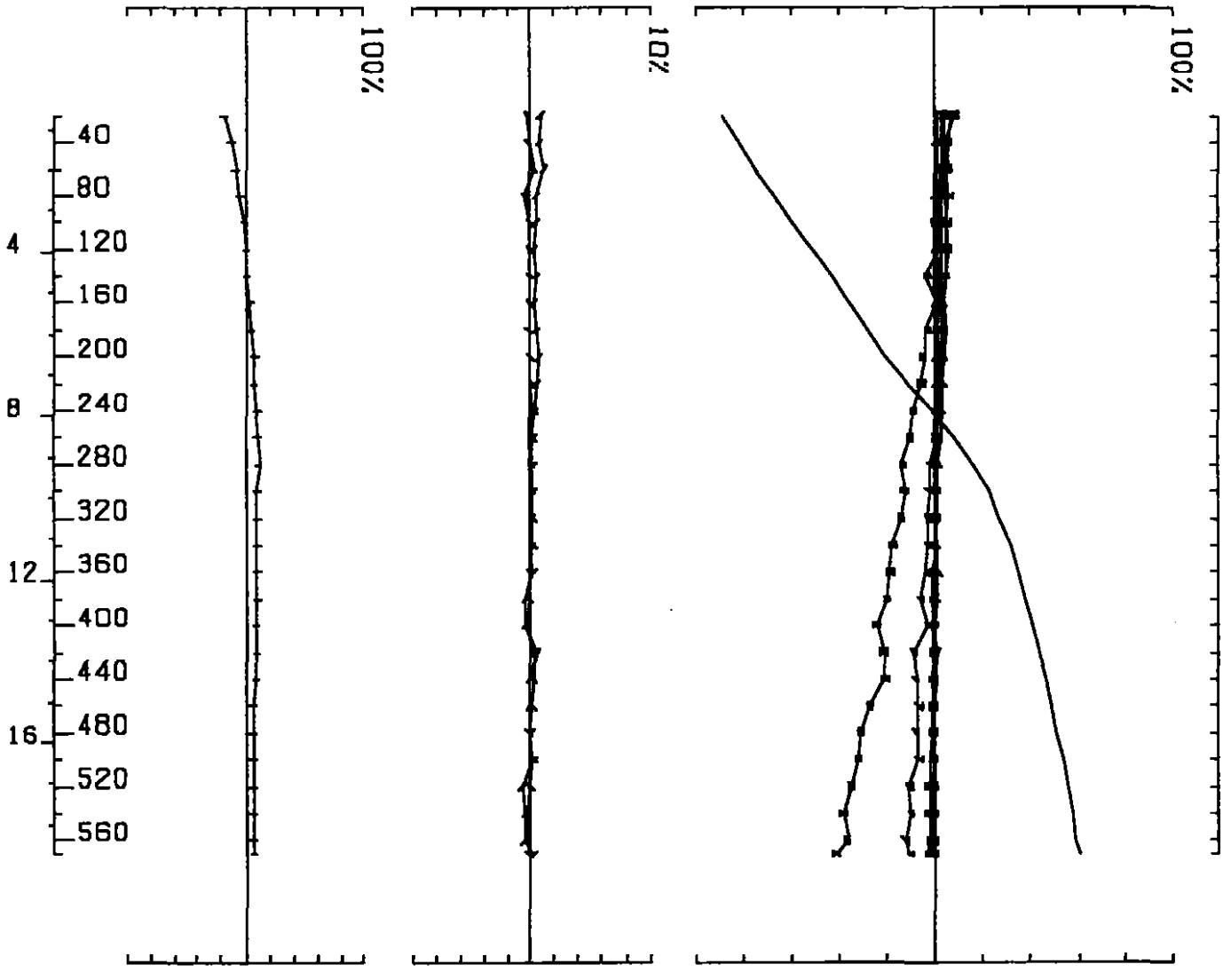


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 19TH AUGUST 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9506 BASE FREQ (HZ) 24.83
LOOP NO 1 HOLE NC4A AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.

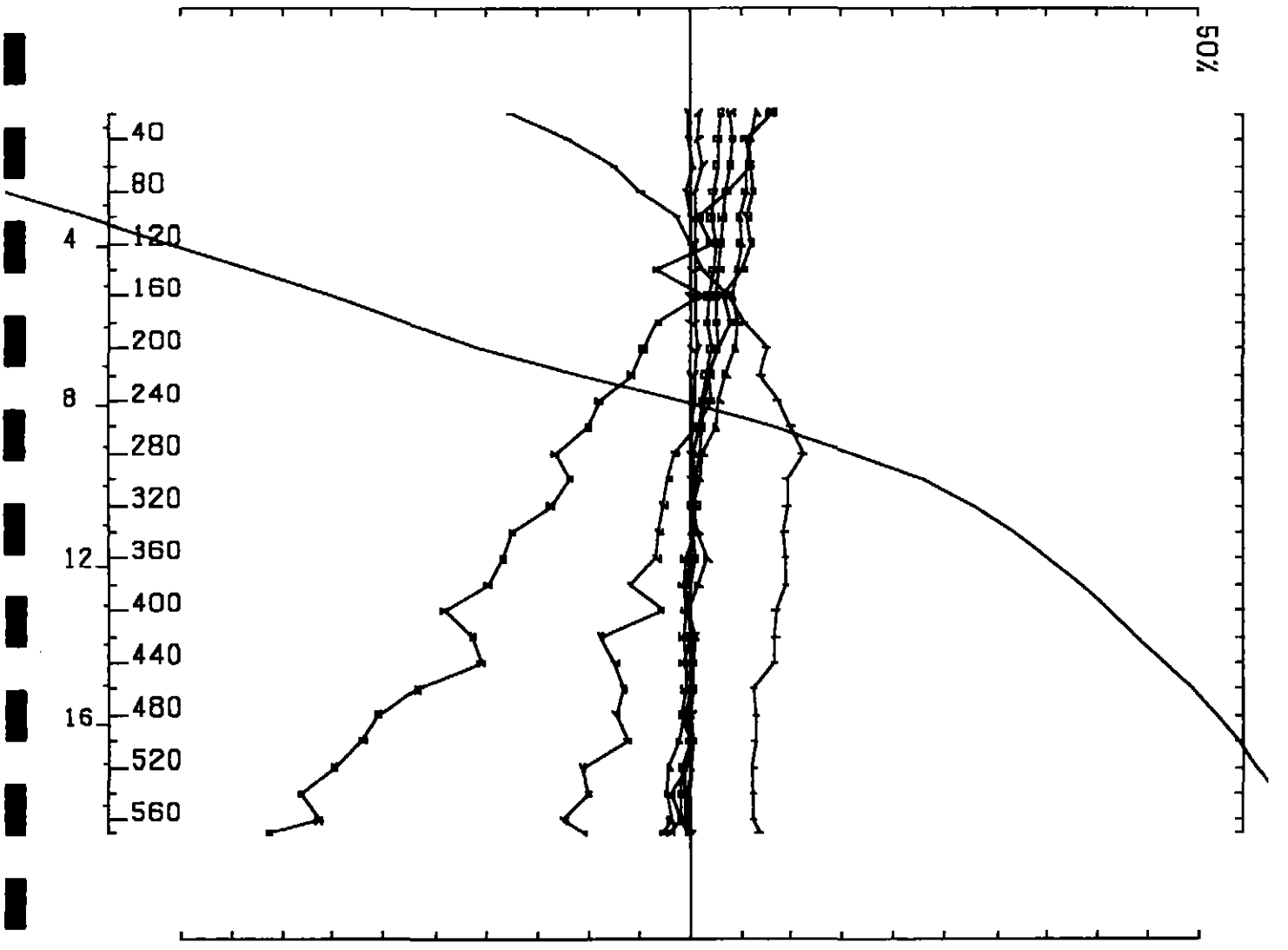

HOLE NC4A
LOOP 2
LOG10(AMPLITUDE)


HOLE NC4A
LOOP 2
LOG10(AMPLITUDE)

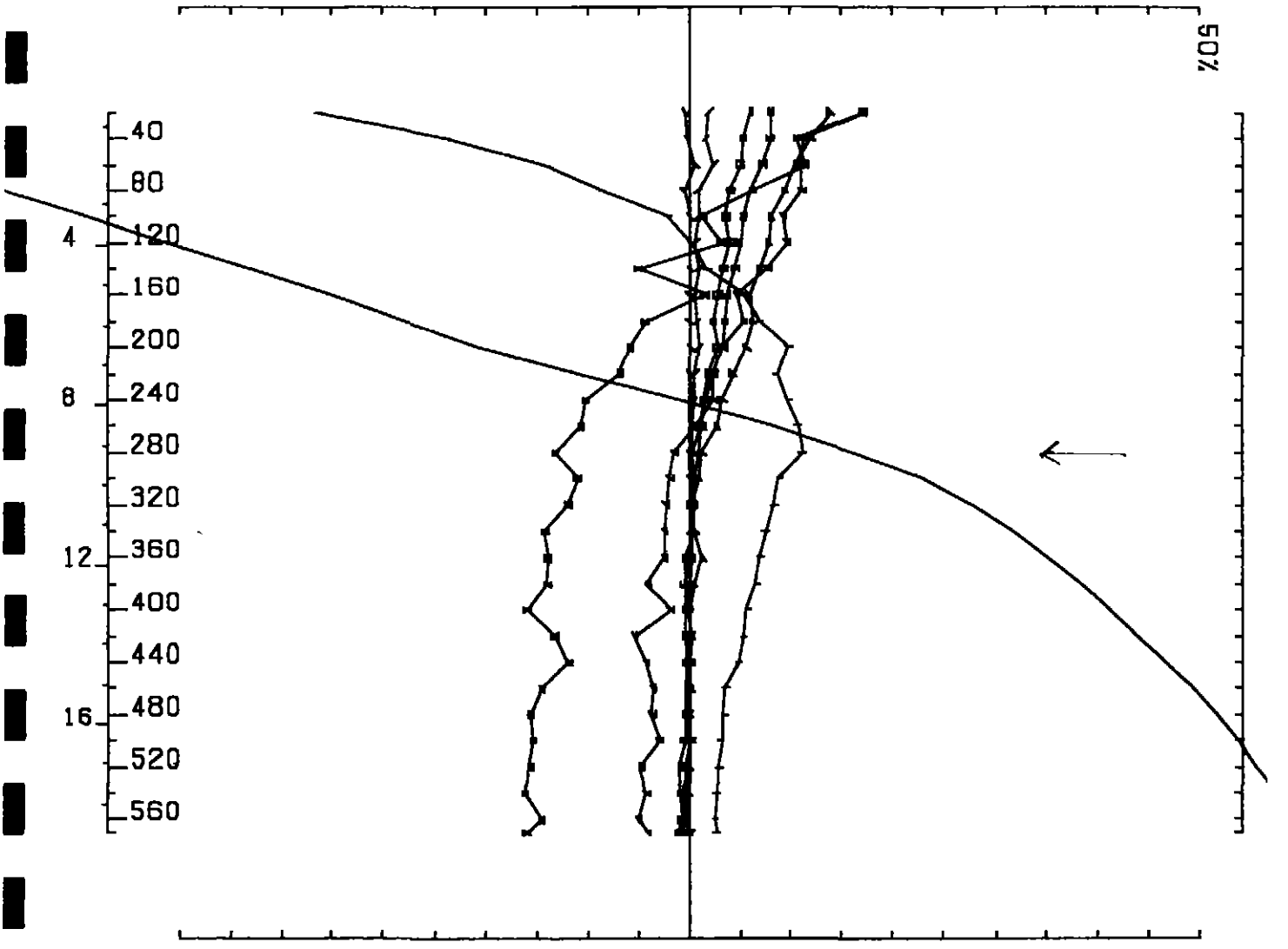
762366



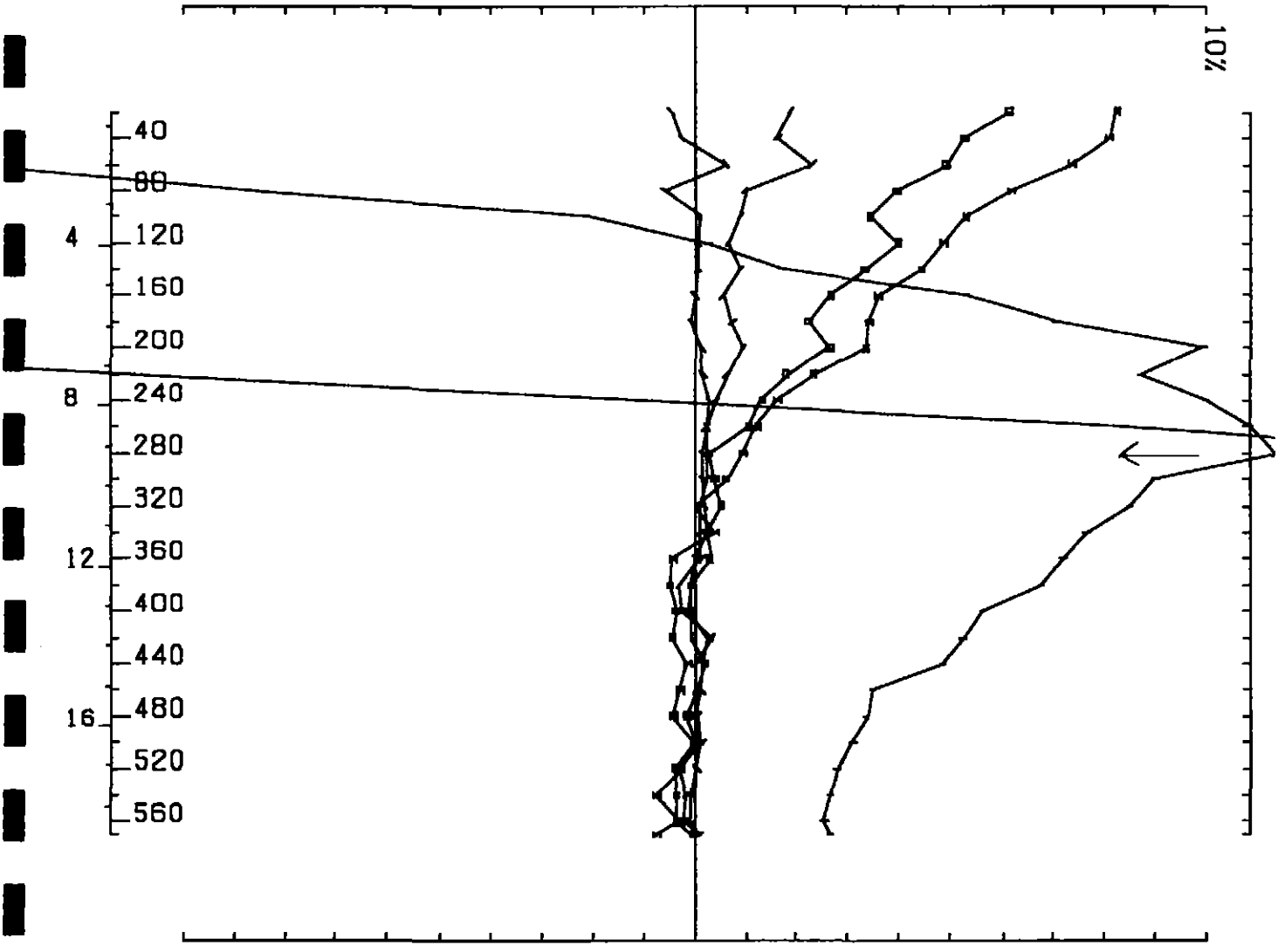
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 21ST AUGUST 1985
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9506 BASE FREQ (HZ) 24.83
LOOP NO 2 HOLE NC4A AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.



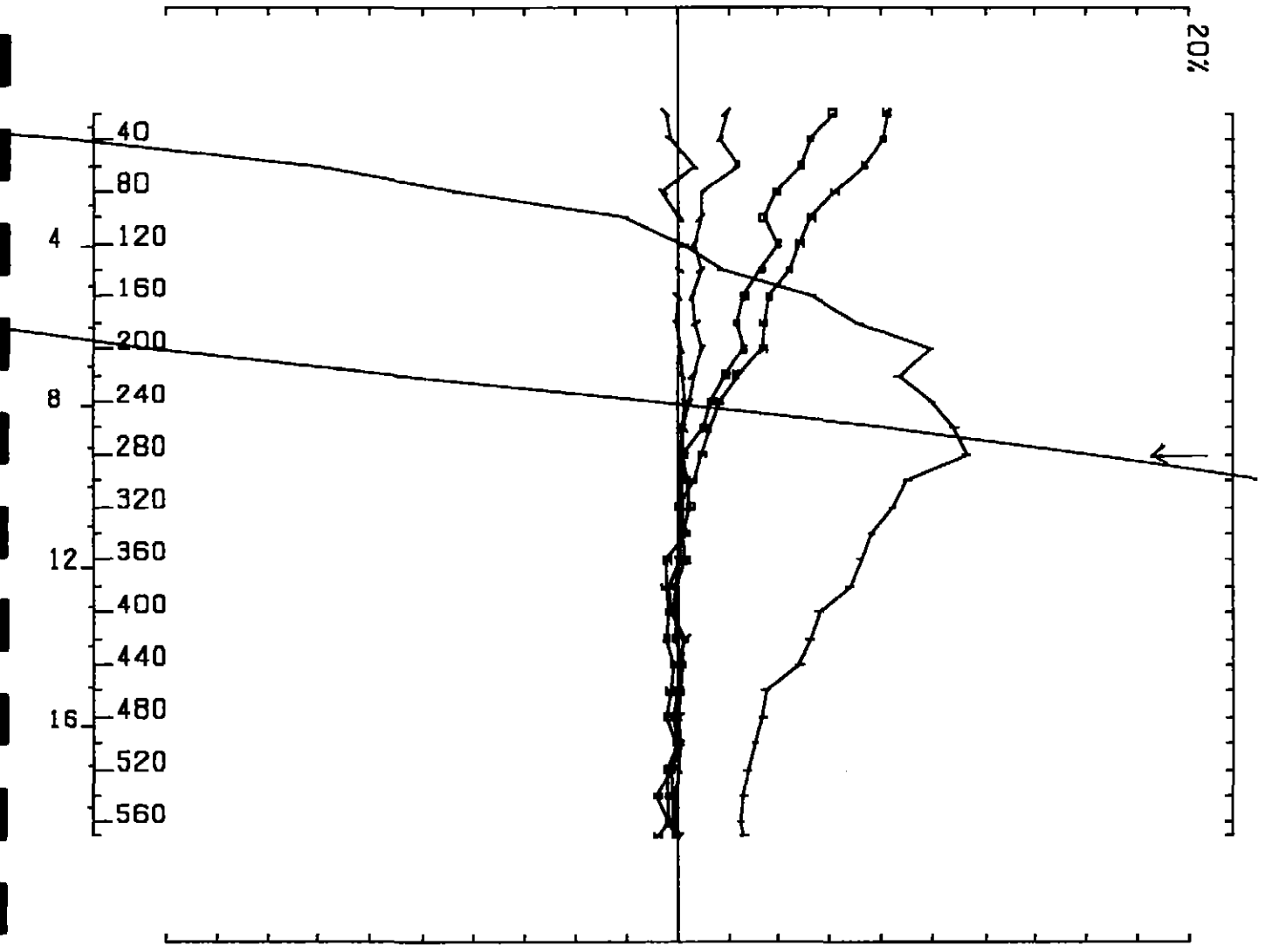
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 21ST AUGUST 1985
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9506 BASE FREQ (HZ) 24.83
LOOP NO 2 HOLE NC4A AXIAL COMPONENT SECONDARY FIELD CH1 CONTIN. NORM.



UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 21ST AUGUST 1995
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9506 BASE FREQ (HZ) 24.83
LOOP NO 2 HOLE NC4A AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

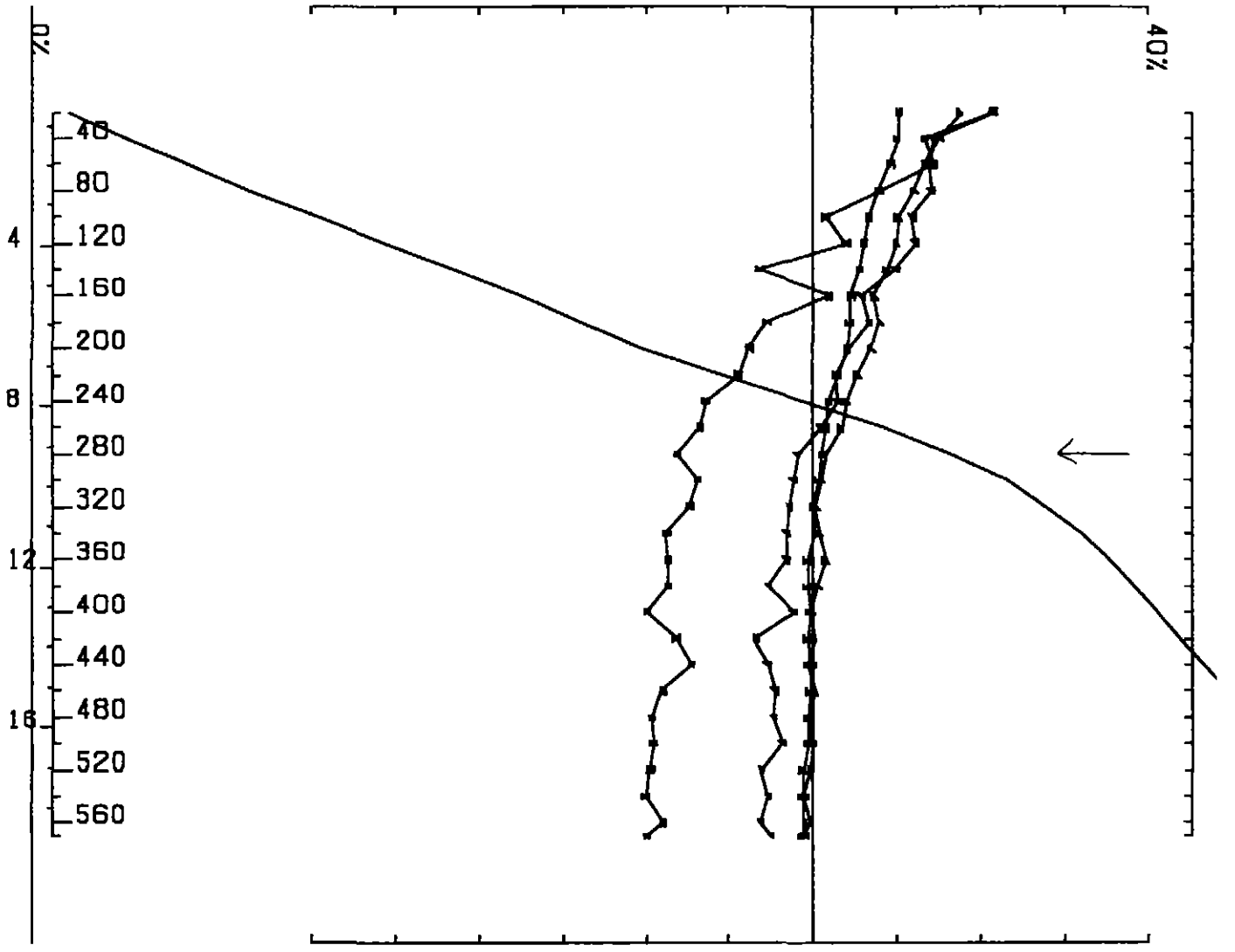


UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 21ST AUGUST 1985
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9506 BASE FREQ (HZ) 24.83
LOOP NO 2 HOLE NC4A AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.



UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 21ST AUGUST 1985
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 9506 BASE FREQ (HZ) 24.83
LOOP NO 2 HOLE NC4A AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

762371



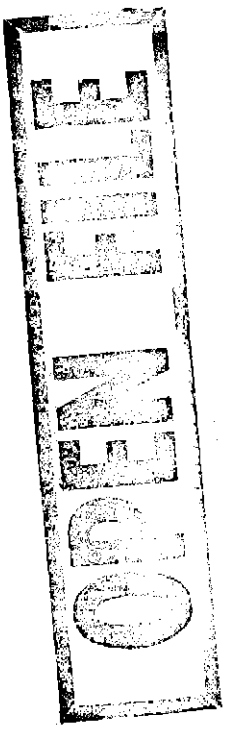
UTEM SURVEY AT LAKE MARGARET FOR ABERFOYLE RESOURCES 21ST AUGUST 1985
CONDUCTED BY LAMONTAGNE GEOPHYSICS LTD JOB 8506 BASE FREQ (HZ) 24.83
LOOP NO 2 HOLE NC4A AXIAL COMPONENT SECONDARY FIELD CH1 POINT NORM.

T62372

Aberfoyle Resources Limited

EXPLORATION DIVISION

A.C.N. 004 664 108



LAKE MARGARET EL 5/85
TASMANIA

Technical Progress Report
for the period
October 1994 - September 1995

Volume 3 of 4
Plates (1)

MICROFILMED
FICHE No. 013725-35

Prepared by:

R. Lewis

R. Lewis
GEOLOGIST

Endorsed by:

for **A.M. Hespe**
MANAGER - BASE METALS

Internal Report No.: Lake Margaret 12

RHL\ABERFOYL\EL585\MSWORD\REPORT\585AR95.DOC

95-3767
LAKE MARGARET EL 5/85 TECHNICAL PROGRESS REPORT 1994-95 - ABERFOYLE - LEWIS, R.

bution

loyle - Burnie	(1/4)
loyle - Melbourne	(2/4)
rtment of Mines - Hobart	**(3/4)**
Exploration - Melbourne	(4/4)

PROSPECT: tyn
PLAN definition:
E: 379500.0 382400.0
N: 5358500.0 5361100.0
PLOTfile: lmarg59.plt

Plot option number 4
data information
+
sample

380000E 381000E 382000E

5361000N 5360000N 5359000N 5358000N 5357000N

95-3767
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LAKE MARGARET EL 5/85 TECHNICAL PROGRESS REPORT 1994-95 - ABERFOYLE - LEWIS, R.

5 cm

762373

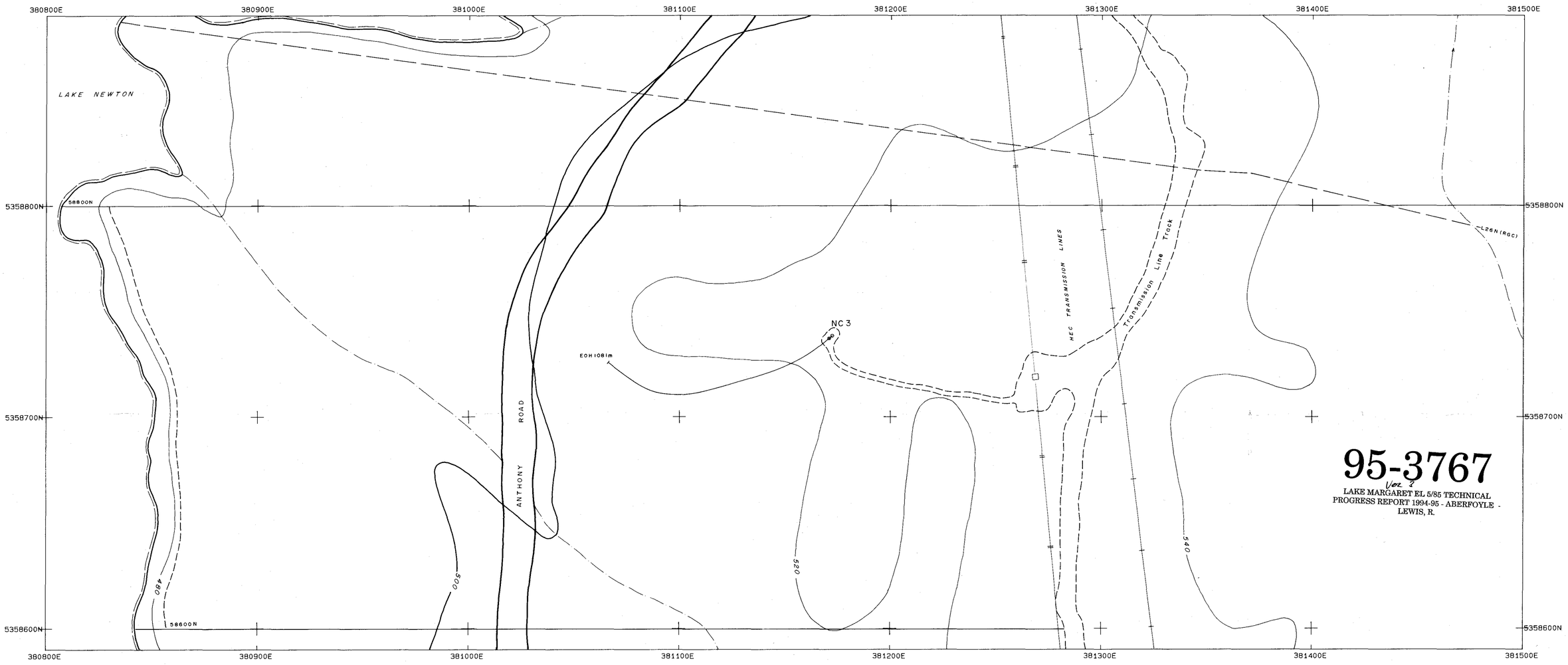
Aberfoyle Resources Limited
EXPLORATION DIVISION

REVISIONS			
Init.	Date	Init.	Date
Location Code:			

Tasmania
Lake Margaret E.L. 5/85
Newton Creek Prospect
Soil Sample Locations

Scale: 1 : 5000 Date: 27/10/92

Compiled: RdeB
Drawn:
Traced:
Checked: RAS
Plate No.: LMARG59



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Vol 3

LAKE MARGARET EL 5/85 TECHNICAL PROGRESS REPORT 1994-95 - ABERFOYLE - LEWIS, R.

5 cm

762374

Aberfoyle Resources Limited
EXPLORATION DIVISION

REVISIONS				TASMANIA	Compiled: RHL
Init.	Date	Init.	Date	EL5/85 Lake Margaret	Drawn: DHS5
				NC3: Locality Plan	Traced:
					Checked:
Location Code:				Scale: 1 : 1000 Date: 4/05/95	Plate No.: LMARG134B

PROGRAM: dhs
PROSPECT: lmg
SECTION definition:
E: 0.0 725.0
N: 0.0 0.0
RL: -1050.0 0.0
Forward extent: 10.0
Backward extent: 10.0
Section Strike: 90.0
Section Length: 725.0
PDF file: lmarg136.pdf
PCF file: lmarg136.pcf
PLOTfile: LMAR0136.plt
CRI file: nc2.cri

LEGEND - Right Side

* HISTOGRAM *
Dataset: gch
Field SiO2 [%]
Base value: 0.000
Top value: 100.000
Units per mm: 2.500
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Al2O3 [%]
Base value: 0.000
Top value: 24.000
Units per mm: 0.600
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Fe2O3 [%]
Base value: 0.000
Top value: 12.000
Units per mm: 0.300
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field MnO [%]
Base value: 0.000
Top value: 0.250
Units per mm: 0.006
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Ba [ppm]
Base value: 0.000
Top value: 2000.000
Units per mm: 50.000
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field LOI [%]
Base value: 0.000
Top value: 10.000
Units per mm: 0.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Zr [ppm]
Base value: 0.000
Top value: 450.000
Units per mm: 11.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field TiO2 [%]
Base value: 0.000
Top value: 1.500
Units per mm: 0.038
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field P2O5 [%]
Base value: 0.000
Top value: 0.300
Units per mm: 0.008
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Cr [ppm]
Base value: 0.000
Top value: 50.000
Units per mm: 1.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Ti/Zr
Base value: 0.000
Top value: 50.000
Units per mm: 1.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field PO/TiO
Base value: 0.000
Top value: 0.400
Units per mm: 0.010
Max dist in mm: 40

LEGEND - Left Side

* ANNOTATION *
Dataset: geo
Field ROCKTYPE

* ANNOTATION *
Dataset: gch
Field Sample

SiO2 Al2O3 Fe2O3 MnO Ba LOI Zr TiO2 P2O5 Cr Ti/Zr PO/TiO

0d -50d -100d -150d -200d -250d -300d -350d -400d -450d -500d -550d -600d -650d -700d -750d -800d -850d -900d -950d -1000d -1050d

628001 628002 628003 628004 628005 628006 628007 628008 628009 628010 628011 628012 628013 628014 628015 628016 628017 628018 628019 628020 628021 628022 628023 628024 628025 628026 628027 628028 628029 628030 628032 628033 628034 628035 628036 628037 628038 628039 628040 628041 628042 628043 628044 628045 628046 628047

gr Sh Y-bv/flv ibd-Vs/Sh xVs/bv Ig Y-bv Ig Y-bv/lv Y-bv/lv Y-bv/lv Y-xVs/bv xVs YsDy Slt xVs ibd-Slt/Sh xVs ibd-Slt/Sh xVs xVs/bv xVs ibd-Vs/Slt Slt xVs B/A-dy xVs B/A-dy xVs ibd-Vs/Slt xVs/bv AsdV Slt Y-bv Y-bv/Slt Y-bv/Slt Y-bv/Slt xVs/bv Y-bv HA-bv/lv xVs/bv HA-bv/clv HA-bv/Co D-bv D-l/Int HA-bv/Co D-l/Int HA-bv/Co sil-Ss/Sh sil-Cg sil-Cg/Slt sil-Cg/Ss sil-Ss sil-Cg/Ss sil-Ss sil-Cg/Ss sil-Slt/Sh sil-Ss/Slt sil-Ss/Sh sil-Ss/Slt sil-Cg sil-Ss/Sh sil-Cg sil-Ss/Slt sil-Cg sil-Ss/Slt 631

2535 17.31 15.41 12.22 0.31 126 139 116 81 54.16 57.92

DDNC0002

95-3767
Vol. 3
LAKE MARGARET EL 5/85 TECHNICAL PROGRESS REPORT 1994-95 - ABERFOYLE - LEWIS, R.

76205

Aberfoyle Resources Limited
EXPLORATION DIVISION

REVISIONS			
Init.	Date	Init.	Date

Tasmania
Lake Margaret E.L.5/85
Geochemical Profiles
DDH NC2 (sheet 1 of 2)

Location Code:
Scale: 1 : 1000
Date: 18/08/95

Compiled: RdeB
Drawn:
Traced:
Checked: RHL
Plate No.: LMARG136

5 cm

PROGRAM: dhs
PROSPECT: lmg
SECTION definition:
GRID: AMG
E: 380850.0 381850.0
N: 5357320.0 5357320.0
RL: -310.0 570.0
Forward extent : 80.0
Backward extent: 100.0
Section Strike: 90.0
Section Length: 700.0
PDF file: lmargs18.pdf
PCF file: lmargs18.pcf
PLOTfile: LMARS18.plt
CRS file: mga.crs

LEGEND - Right Side

LEGEND - Left Side

= PROFILE =
Variable: grt
DATABASE file
Field MAGSUS
Base value: 0.000
Top value: 5000.000
Units per mm: 80.000
Max dist in mm: 100

= POLYGON/STRINGS =

380900E 381000E 381100E 381200E 381300E 381400E 381500E

5357320N

DDNC0001

500R 400R 300R 200R 100R 0R -100R -200R -300R

MAGSUS 0

5700 2691 8080

DDNC0001

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LAKE MARGARET EL 5/85 TECHNICAL PROGRESS REPORT 1994-95 - ABERFOYLE - LEWIS, R.

Aberfoyle Resources Limited
EXPLORATION DIVISION

REVISIONS				TASMANIA	Compiled: RML
Init.	Date	Init.	Date	EL5/85 Lake Margaret	Drawn: DHSS
				Section 5357320N: NC1	Traced:
				Magnetic Susceptibility (SI)	Checked:
Location Code:				Scale: 1 : 1000 Date: 2/05/95	Plate No.: LMARS18

5cm

762376

E.L.29/94
RED HILLS - PLUTONIC

LAKE JULIA
619m

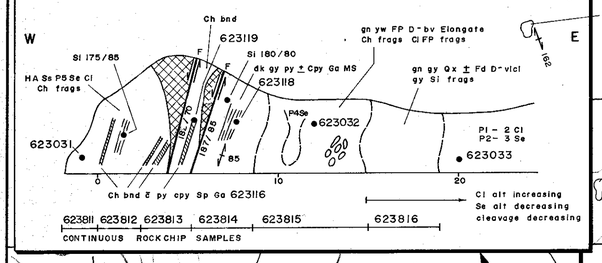
E.L.11/85
HENTY RIVER

HENTY CANAL

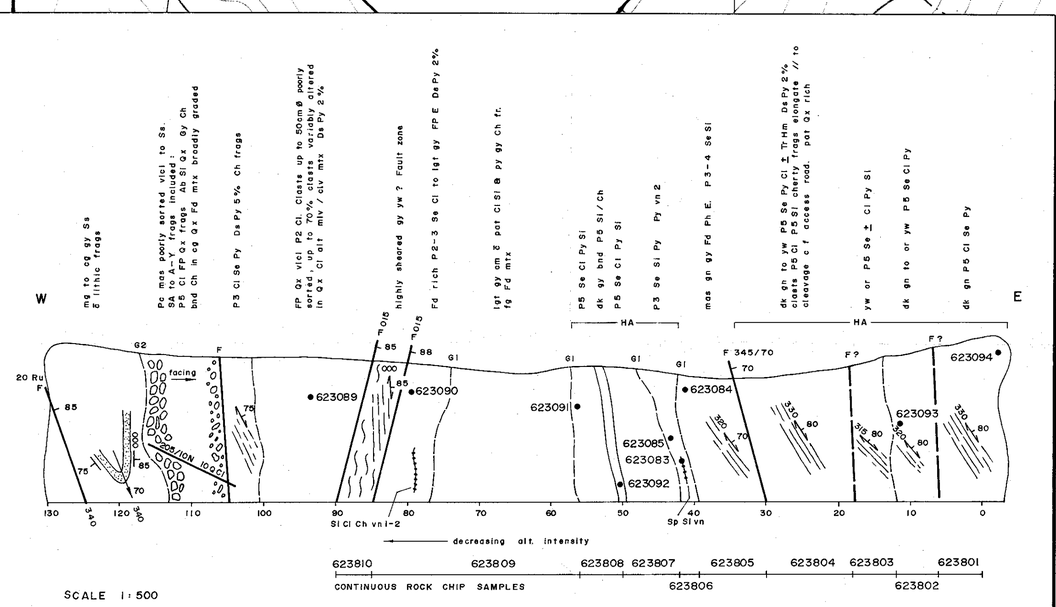
REFER TO PLAN PROJECTION

REFER TO SECTION 1

SECTION 1
SCALE 1:200



SCALE 1:500



HENTY CANAL ALTERATION - PLAN PROJECTION OF NORTHERN BANK

PLAN SCALE 1:100

E.L. 5/85
LAKE MARGARET

E.L. 103/87
BASIN LAKE

E.L.14/93
LAKE MARGARET - RGC

H.E.C.

NEWTON DAM SUB STATION

PUMP STATION

NEWTON DAM

HENTY CANAL

NEWTON CREEK

ANTHONY ROAD

ACCESS

TYNDALL

TYNDALL CREEK PIT
627201-207
627210-222

HA 001
HA 002
HA 003
HA 004
HA 005
HA 006
HA 007
HA 008

TC1 TC2 TC3 TC4 TC5

TYN 3
TYN 5

SOUTHWEST CONSERVATION AREA

95-3767
LAKE MARGARET EL 5/85 TECHNICAL PROGRESS REPORT 1994-95 - ABERFOYLE - LEWIS, R.

Aberfoyle Resources Limited
EXPLORATION DIVISION
762377

REVISIONS			
Init.	Date	Init.	Date
HEC jms	11-5-92		
RS jms	25-1-93		
RS nb	1-6-93		
RS jms	8-9-93		
RS/JDB	16/9/94		

Location Code :

WESTERN TASMANIA
LAKE MARGARET E.L.5/85
NEWTON CREEK AREA
OUTCROP GEOLOGY

Scale : 1:5000
Date : MAY 1992

Compiled : RS
Drawn : JMS
Traced :
Checked : RS
Plate No : L. MARG 50

LAKE JULIA
619 m
1827
800
536
HOWARDS
HENTY CANAL
900
700
E.L. 29/94
RED HILLS
PLUTONIC
ROAD
CREEK
NEWTON
ANTHONY
HENTY
CANAL
NEWTON DAM ACCESS ROAD
PUMP STATION ACCESS ROAD
NEWTON DAM
CREEK
NEWTON
58800 N
58400 N
58000 N
57800 N
57200 N
80900E
81750E
81700E
80400E
81800E
1650N
000E
1250N
300E
700E
850N
ROAD
CREEK
ANTHONY
TYNDALL
E.L. 11/85
YOLANDE
PASMINCO
E.L. 5/85
LAKE MARGARET
E.L. 103/87
BASIN LAKE
E.L. 14/93
LAKE ROLLESTON
RGC
6361 000m N
5360000mN
5359 000mN
5358 000mN
5357000m N
380000mE
381000mE
382000mE

95-3767

Ver 3

LAKE MARGARET EL 5/85 TECHNICAL PROGRESS REPORT 1994-95 - ABERFOYLE - LEWIS, R.

LEGEND

- Drill Pad
- 4WD Track
- Foot Track
- Gridline New
- Gridline Recut

5 cm

Aberfoyle Resources Limited
EXPLORATION DIVISION
762378

REVISIONS			
Init.	Date	Init.	Date
HEC/ms	11 5 92		

Location Code :

NORTH WEST TASMANIA
LAKE MARGARET EL 5/85
ACCESS 1994/95

Scale : 1:5000
Date : August, 1995

Compiled : RHL
Drawn :
Traced : JLR
Checked :
Plate No : LMARG145

PROGRAM: dhs
PROSPECT: lmg
SECTION definition:
E: 0.0 725.0
N: 0.0 0.0
RL: -1050.0 0.0
Forward extent: 10.0
Backward extent: 10.0
Section Strike: 90.0
Section Length: 725.0
PDF file: lmarg137.pdf
PCF file: lmarg137.pcf
PLT file: LMARG137.plt
CRS file: nc2.crs

LEGEND - Right Side

* HISTOGRAM *
Dataset: gch
Field Na2O [%]
Base value: 0.000
Top value: 10.000
Units per mm: 0.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field MgO [%]
Base value: 0.000
Top value: 5.000
Units per mm: 0.125
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field K2O [%]
Base value: 0.000
Top value: 5.000
Units per mm: 0.125
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field CaO [%]
Base value: 0.000
Top value: 10.000
Units per mm: 0.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field S [%]
Base value: 0.000
Top value: 0.100
Units per mm: 0.002
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Cu [ppm]
Base value: 0.000
Top value: 150.000
Units per mm: 3.750
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Pb [ppm]
Base value: 0.000
Top value: 75.000
Units per mm: 1.875
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Zn [ppm]
Base value: 0.000
Top value: 150.000
Units per mm: 3.750
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Ag [ppm]
Base value: 0.000
Top value: 10.000
Units per mm: 0.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Au [ppm]
Base value: 0.000
Top value: 0.120
Units per mm: 0.003
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field As [ppm]
Base value: 0.000
Top value: 25.000
Units per mm: 0.625
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field ALTINDEX
Base value: 0.000
Top value: 100.000
Units per mm: 2.500
Max dist in mm: 40

LEGEND - Left Side

* ANNOTATION *
Dataset: geo
Field ROCKTYPE

* ANNOTATION *
Dataset: gch
Field Sample

Na2O MgO K2O CaO S Cu Pb Zn Ag Au As ALTINDEX

0d -50d -100d -150d -200d -250d -300d -350d -400d -450d -500d -550d -600d -650d -700d -750d -800d -850d -900d -950d -1000d -1050d

628001 628002 628003 628004 628005 628006 628007 628008 628009 628010 628011 628012 628013 628014 628015 628016 628017 628018 628019 628020 628021 628022 628023 628024 628025 628026 628027 628028 628029 628030 628032 628033 628034 628035 628036 628037 628038 628039 628040 628041 628042 628043 628044 628045 628046 628047 631

gr Sh Y-bv/flv ibd-Vs/Sh xVs/bv Ig Y-bv Ig Y-bv/lv Y-bv/lv Y-bv/lv Y-xVs/bv xVs Ysby Slt xVs ibd-Slt/Sh xVs ibd-Slt/Sh xVs xVs/bv xVs ibd-Vs/Slt Slt xVs B/A-dy xVs B/A-dy xVs ibd-Vs/Slt xVs/bv Agdy Y-bv Y-bv/Slt Y-bv/Slt Y-bv/Slt xVs/bv Y-bv HA-bv/lv xVs/bv HA-bv/clv HA-bv/Co D-bv D-1/Int HA-bv/Co D-1/Int HA-bv/Co sil-Ss/Sh sil-Cg sil-Cg/Slt sil-Cg/Ss sil-Ss sil-Cg/Ss sil-Ss sil-Cg/Ss sil-Slt/Sh sil-Ss/Slt sil-Ss/Sh sil-Ss/Slt sil-Cg sil-Ss/Sh sil-Cg sil-Ss/Slt sil-Cg sil-Ss/Slt

DDNC0002

6.26 0.14 372 196 171 372 210 0.32 7.82 19.84 16.71 11.98 0.12 0.29 0.46

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5 cm

762379

Aberfoyle Resources Limited
EXPLORATION DIVISION

REVISIONS				Tasmania	Compiled: RdeB
Init.	Date	Init.	Date	Lake Margaret E.L.5/85	Drawn:
				Geochemical Profiles	Traced:
				DDH NC2 (sheet 2 of 2)	Checked: RHL
Location Code:				Scale: 1 : 1000 Date: 18/08/95	Plate No.: LMARG137

PROGRAM: dhs
PROSPECT: lmg
SECTION definition:
GRID: AMG
E: 380800.0 381500.0
N: 5358740.0 5358740.0
RL: -885.0 525.0
Forward extent : 150.0
Backward extent: 150.0
Section Strike: 90.0
Section Length: 700.0
PDF file: nc3b.pdf
DXF file: lm3001.dxf
PLOTfile: lm3001.plt
CRE file: nc3.cre

NC3

5358738·5mN(S)
381172·3mE(S)
521·3mRL(S)

ANTHONY ROAD
LAKE NEWTON

gy pp Y-VCg
11.5m(627252L)
rdpp Y-bv/cN
gy pp Y-VCg
ibd grd mlv/Sh
pp Y-VCg
ibd grd mlv/Sh
Y-VCg
ibd lam Slt/Sh
UPPER TYNDALL GROUP
96·1m
MIDDLE TYNDALL GROUP
pk gn mas FdQ Y-bv
pk gn mas FdQ xVs/bv
THIN MAGNETITE-RICH SILTSTONE INTERVAL(Ctmsi)
(cf. NC1: 110·7-198·8m NC2: 322·2-429·8m)
Fd Qmt ibd-Vs/Slt
222·9m(627254L)
gn pk mas FdQY-xVs/bv
gy gn mas FdQ mlv
(Y-bv zones indicated)
gy gy mas FdQ xVs
366·8(627255LG)
gy pp nod HA-Co/Flv
gn shd HA-Se
gy pp nod HA-Co
389·2m(627263L)
gy ibd-Ch/Vs
gy pp Y-VCg
586m(627253L)
428·3(627264L)
pk gy gn mas FdQ xVs/bv
MIDDLE TYNDALL GROUP
463·9m
LOWER TYNDALL GROUP
HIGHLY ALTERED RHYOLITIC VOLCANICLASTICS
HA-bv
HA-clv/Flv
HA-bv
461·4m(627265L)
464·7m(627256LG)
472m(627266L)
474·2m(627257LG)
480·9m(627258LG)
501·8m(627267L)
517·7m
511·4m(627259LG)
525·5m(627260LG)
LAMINATED CARBONATE/ SHALE (Ctlco)
pp gy lam Co/Sh
HA-clv
526·8m(627268L)
pp gy lam Co/Sh
HA-Co/Si
whpk bnd Co
HA-Co/Si
539·6m(627269L)
549·8m(627261LG)
whpk bnd Co
HA-Co/Si
pp gy lam Co/Sh
582m
HA-Co/Si
QUARTZ-RICH PYRITIC SILTSTONE WITH NODULAR CARBONATE ALTERATION (Ctle)
bnd Q Flv/Slt
599·3(627270L)
618·3m
HA-Si/Co
INTERBEDDED LAMINATED PYRITIC CHERT/SILTSTONE WITH LOCALLY DERIVED SILICEOUS BRECCIAS (Chch)
Y-bv
qy lam Ch
633·7m(627271L)
655·5m
gygn mas Y-bv
654·7m(627272LG)
BLACK SHALE (Ctlsh)
bk lam Sh
672·7m(627273L)
gy mas QFd xVs
687·9m
bk lam Sh
MASSIVE/BANDED CARBONATES (Ctlco)
mas Y-bv
Co
711m(627275L)
717·6m(627276L)
HA-Co/Cl/Se
729·5m(627277L)
pk gn wh bnd Co
wh sty Co
747·4m(627274L)
758·6m
pk wh mas Co
THICK FOLDED EPICLASTIC SEQUENCE (Ctle)
bk gy ibd-Slt/Sh
SANDSTONES LOCALLY CARBONATE-RICH
gy wh ibd-Ss/Slt
856·2m(627278L)
981·6m(627279L)
gy mas QFd Ss
gy ibd-Ss/Slt
gy mas Ss
gy ibd-Ss/Slt
gy mas Ss
gy ibd-Ss/Slt
gy mas QFd Ss
EOH 1081m

F45 F60 20
P1-4 Se HmMt
STRONG RED-PURPLE HAEMATITE/ MAGNETITE ALTERATION
F30 F80 F20 F50 F60 F50 F70
P1 Se
100(-7)
F50 F75
P3-5 AbSiCl Part1-2Cc
F80
P2-3 Cl Part1-4 AbSiCc
F80 F80
P4-6 AbSiCl
200(-12)
B3-4 AbSi/Cl
P5-6 AbSi Par3 Cl
B1-2 AbSi/Cl Hl-2 AbSi
F75 F45
DOMINANTLY PERVASIVE TO BANDED AbSiCl ALTERATION
F20
P2-3 Cl Hl-2 AbSi
F40
300(-16)
F75 F45 F50
B2 AbSi/Cl
P2-4 AbSeSi
F20
P8 Cc
P5 SeCc
F75
P4-8 SeCc
SeCc ALTERATION LOCALISED AROUND FAULT
P3-5 Si
400(-19)
P2-4 SeCl Hl-3 AbCc
F45
DOMINANTLY SeCl ALTERATION WITH AbCc HALOES ON CLASTS
F50 F60 F40
P5-6 SiSe
F80
F40 F45
P6-8 SiSeCc
500(-22)
F40
Dsl Py
F45 F20 F27
Bl Hm
Pot 5 SiSe (?Ba)
(Nodular Co zones indicated)
600(-25)
Pot 2-3 SeSi B2-3 Py(Po)
STRONG NODULAR CARBONATE ALTERATION
F45
F30 F30
Pot 3-5 SiSe Cc
STRONG SILICA ALTERATION
Bl-2 Py(in Ch)
P4-7 SiSe (in Y-bv)
F20
Dsl Py
P2 Se
F20
Dsl Py
F20 F20 F20
P4-6 SeSi
700(-28)
P6 Cc(Hm)
F25 F25
B5-6 CcSeCl Dsl Py
B3 HmSeCl
Dsl HmPy
WIDE FLAT-LYING FAULT ZONE (PuRv)
F60
Dsl Py
900(-29)
F70
WEST-DIPPING/FACING STRATIGRAPHY
MESOSCOPIC FOLDING, STEEP E-DIPPING SPACED CLEAVAGE
MAJOR SYNCLINE CLOSURE AT ~882m
900(-28)
EAST-DIPPING/FACING STRATIGRAPHY
B2-5 Co Dsl-2 Py
ANTICLINE-SYNCLINE PAIR; ABUNDANT MESOSCOPIC FOLDS
1000(-20)
F10
FAULT ZONE (PROBABLE EAST SIDE UP)

380800E 380900E 381000E 381100E 381200E 381300E 381400E 381500E
500R 400R 300R 200R 100R 0R -100R -200R -300R -400R -500R

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Aberfoyle Resources Limited
EXPLORATION DIVISION
762380

REVISIONS				TASMANIA	Compiled: RWL
Inits.	Date	Inits.	Date	EL5/85 Lake Margaret	Drawn: DMBS
				Section 5358740N: NC3	Traced: JLR
					Checked:
Location Code:				Scale: 1 : 1000 Date: 2/05/95	Plate No.: LMAR0134A

5 cm

PROGRAM: dhs
PROSPECT: lmg
SECTION definition:
GRID: ans
E: 380770.0 381485.0
N: 5358140.0 5358140.0
RL: -150.0 600.0
Forward extent : 150.0
Backward extent: 150.0
Section Strike: 90.0
Section Length: 725.0
POF file: lmarg131.pdf
POF file: lmarg131.pdf
PLOTfile: LMARG131.plt
CRI file: nc2ha3.cri

LEGEND - Right Side

LEGEND - Left Side

PROFILE :m
Datum: GDA
Method: IDW
Field MAGSUS
Base value: 0.000
Top value: 5000.000
Units per mm: 50.000
Max dist in mm: 100

SOLVSOW/STRIMS

380800E 380900E 381000E 381100E 381200E 381300E 381400E

5358140N

DDHA0003

DDHC0002

600R 500R 400R 300R 200R 100R 0R -100R

DDHA0003

MAGSUS

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REVISIONS			
Init.	Date	Init.	Date
Location Code:			

TASMANIA
EL5/85 Lake Margaret
Section 5358140N: NC2 (HA3)
Magnetic Susceptibility (SI)

Scale: 1 : 1000 Date: 2/05/95

Compiled: RHL
Drawn: DHBS
Traced:
Checked:
Plate No.: LMARG131

5 cm

PROGRAM: dh9
PROSPECT: lmg
SECTION definition:
GRID: AMG
E 380950.0 381050.0
N 5357320.0 5357320.0
RL -310.0 570.0
Forward extent : 80.0
Backward extent: 100.0
Section Strike: 90.0
Section Length: 700.0
PDF file: ncblank.pdf
PDF file: ncblank.pdf
PLOTfile: lmg001.plt
ORI file: nc1.ori
* SOLVROW/STATMAP *

380900E 381000E 381100E 381200E 381300E 381400E 381500E

OLD EAST TYNDALL GRID (102°AMG)
L19·7N(RGC)
L19·4N(RGC)
L19N(RGC)
1800N
7400N
NEWTON CREEK GRID (090°AMG)
5357320N
EOH829·8m
NC1
ANTHONY ROAD
Tyndall Creek
OBP
300E
400E
500E
540
560
600
700E
TYNDALL CREEK GRID (042°AMG)
HEC TRANSMISSION LINES
Transmission Line Track

500R 400R 300R 200R 100R 0R -100R -200R -300R

DDH NC1
5357318·5mN
381212·5mE
537·5mRL

ANTHONY ROAD
Tyndall Ck.
tmas FdQ xVs/bv
F16 F40 F60 F50 F30
P5AbSiCl
84AbCl
N3-4 AbCl
N3 Abc/Cc
B2AbCl
P1-2 AbCl
B2 AbCl
N1 Ab Bl AbCl
H2 AbCc Vt Hm
H3 AbCc
H2 AbCc
B3 AbCl
P5Cc AbCl
B7 Hm Co
P6Co83 HmCo
P5SeCoCl
P4-6HmCo(Cl)
P5Cc Hm
P5SeCcCl
P6HmCoSe
Bl Hm
B4HmSeCo
P5HmCo
P4SeCoCl
P6HmCoSe B2Cc Jsp
P4-6SeClCo
N4HmCoSe
P3-5SeSi DsPy(1-5%)
P2SeCo
P2CoSeSiVlSePy
P3-4CoSeSi
P2Si
P3SiSeCc
P1-4SeSi
P5SiDs2Py
P2SiDsPy
P6SiDs2Py
P3-6SiDs1-2Py
Po13-55iSeDs1Py
P2SiSe

110·7m 50cm sill A-dy
MAGNETITE-RICH SANDSTONE/SILTSTONE PACKAGE (Crimi) (BRECCIA AND SHALE RICH INTERVALS INDICATED
122·5m(627653P)
Y-xVs/bv
140·1m(627654P)
gypk/bd grd FdQMtxVs/Slt
lbd xVs/Slt/Sn
176·1m(627655P)
184·9m(627656P)
198·8m
gygn grd/mas FdQxVs
gygnlbdgrd FdQmtxVs/Slt
gygn mas-grd FdQxVs/bv
pkgn masFdQY-bv
pkppbndCo
294·2m(627659P)
MIDDLE TYNDALL GROUP
306·9m
LOWER TYNDALL GROUP
shd Y-bv
303·1m(627670P)
whppCo
ppgnshdA-l/bv
313·6m(627660P)
316·2m(627671PCO)
"HOWARDS TUFF" SHEARED/BANDED HIGHLY ALTERED VOLCANICLASTICS (Ctlht, Ctlhm)
ppgnshd HA-Flv/bv
328·1m(627627P)
329·8m(627673PCO)
ppgnbxHA-Co/lv
gnwhshd HA-lv/Co
343·5m(627661P)
ppshdHA-HmCo
349·9m(627674PCO)
ppgnwhbndHA-clv
gnppbnd HA-bv/mlv
362·5m(627662P)
372m
pk ppgn bnd Co
SHEARED ANDESITIC BRECCIAS (Ctlad)
gnshdFdA-l/bv
393·3m(627675P)
400·7m(627663P)
422m
ppgnshd Fd A-bv/Co
pkppbdCo/Sh
431·8m(627664PCO)
BANDED CARBONATES (Ctlcc)
pk ppCo/mlv
whppmasCo
451·9m(627665P)
ppwhHA-clv/Co
ppwhbndCo
pkppshdbd-Co/Sh
471·2m(627666PCO)
477m
pkppwhbndCo
ANDESITIC BRECCIAS(Ctlad)
498·6m(627667P)
ppgnshd/masFdHbA-l/bv
521·3m(627668P)
544·3m(627669P)
pkbndCo
ppshdFdHbA-bv
pkbndCo
568·1m(627676P)
ppshdFdA-bv
574·7m(627677P)
583·4m(627678P)
5943m(627679P)
gygnmasFdA-bv
600·5m(627680P)
611·5m(627681PG)
THIN PYRITIC SILTSTONE/CHERT HORIZON
gnbnshdHA/A-bv
ACCRETIONARY HmCo NODULES
626·2m(627683P)
631m
631·2m(627685S)
gygnppshdY-bv
641·7m(627687P)
"MIXED SEQUENCE" OF ANDESITE/DACITE LAVAS AND CRYSTAL-RICH EPICLASTICS
gygnshdFdA-bv/clv
gygnmasFdHbA-l
664·8m(627688P)
667·1m(627689P)
671·6m(627690P)
gnbnshdHA-A/bv
mas D-l
677·4m(627691P)
681·7m(627692P)
gygnshdD-bv
pkgnmasFdD-l
697·7m(627693P)
DISTINCTIVE PINK FELDSPARS (cf TC4)
pkgygnmasFdD-xVs
710·7m(627694P)
gygnshdFdD-l
gygnFdD-xVs/bv
751·6m(627695P)
760m
ANTHONY ANDESITE: LAVAS/INTRUSIVES (Cevo)
766·1m(627696P)
777m(627697P)
gygnFdHbA-l/int
801·3m(627700P)
823·9m(627988P)
EOH 829·8m

ALBITE SILICA CHLORITE ALTERATION
MINOR HAEMATITE VEINING
INCREASING CARBONATE ALTERATION
MIDDLE TYNDALL GROUP
LOWER TYNDALL GROUP
"HOWARDS TUFF" SHEARED/BANDED HIGHLY ALTERED VOLCANICLASTICS (Ctlht, Ctlhm)
FAULT ZONE
FAULT ZONE : ABRUPT CHANGE IN TEXTURE, LITHOLOGY AND ALTERATION STYLE (HOWARDS FAULT?)
FAULT ZONE
BASE OF PERVASIVE HmCo ALTERATION 564m
THIN PYRITIC SILTSTONE/CHERT HORIZON
ACCRETIONARY HmCo NODULES
"MIXED SEQUENCE" OF ANDESITE/DACITE LAVAS AND CRYSTAL-RICH EPICLASTICS
SHEARED ANDESITIC BRECCIAS (Ctlad)
BANDED CARBONATES (Ctlcc)
ANDESITIC BRECCIAS(Ctlad)
55-525m : 10m @ 7560ppm Ba : prominant JspCc ? Ba matrix fill
PYRITIC ALTERATION : STRONGLY SHEARED CLASTS OF SeCl ALTERED ANDESITE IN PyCc MATRIX (5-20% PYRITE)
SHEAR ZONE SUBPARALLEL TO CORE AXIS (TYNDALL CREEK FAULT?)
PYRITIC ALTERATION : AS ABOVE (10-15% Py) - POSSIBLY STRUCTURAL REPETITION
STRONGLY SHEARED PARALLEL TO CORE AXIS
PATCHY SiPy ALTERATION : UP TO 8% PYRITE

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EXPLORATION DIVISION
762382

REVISIONS				TASMANIA	Compiled: RHL
Init.	Date	Init.	Date	EL5/85 Lake Margaret	Drawn: DHBS
				Section 5357320N: NC1	Traced: JLR
					Checked:
Location Code:				Scale: 1 : 1000 Date: 2/05/95	Plate No.: LMARG115

5 cm

PROGRAM: dhs
PROSPECT: lmg
SECTION definition:
E: 0.0 725.0
N: 0.0 0.0
RL: -1050.0 0.0
Forward extent : 10.0
Backward extent: 10.0
Section Strike: 90.0
Section Length: 725.0
PDF file: lmarg132.pdf
PCF file: lmarg132.pcf
PLOTfile: LMARG132.plt
Criteria NOT saved

LEGEND - Right Side

* HISTOGRAM *
Dataset: gch
Field SiO2 [%]
Base value: 0.000
Top value: 100.000
Units per mm: 2.500
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Al2O3 [%]
Base value: 0.000
Top value: 84.000
Units per mm: 0.600
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Fe2O3 [%]
Base value: 0.000
Top value: 16.000
Units per mm: 0.400
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field MnO [%]
Base value: 0.000
Top value: 0.400
Units per mm: 0.010
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Ba [ppm]
Base value: 0.000
Top value: 8000.000
Units per mm: 200.000
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field LOI [%]
Base value: 0.000
Top value: 40.000
Units per mm: 1.000
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Zr [ppm]
Base value: 0.000
Top value: 400.000
Units per mm: 10.000
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field TiO2 [%]
Base value: 0.000
Top value: 2.000
Units per mm: 0.050
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field P2O5 [%]
Base value: 0.000
Top value: 0.500
Units per mm: 0.013
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Cr [ppm]
Base value: 0.000
Top value: 50.000
Units per mm: 1.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Ti/Zr
Base value: 0.000
Top value: 50.000
Units per mm: 1.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field PO/TiO
Base value: 0.000
Top value: 2.000
Units per mm: 0.050
Max dist in mm: 40

LEGEND - Left Side

* ANNOTATION *
Dataset: geo
Field ROCKTYPE

* ANNOTATION *
Dataset: gch
Field Sample

SiO2 Al2O3 Fe2O3 MnO Ba LOI Zr TiO2 P2O5 Cr Ti/Zr PO/TiO

0d -50d -100d -150d -200d -250d -300d -350d -400d -450d -500d -550d -600d -650d -700d -750d -800d -850d -900d -950d -1000d -1050d

627355 627356 627357 627358 627359 627360 627361 627362 627363 627364 627365 627366 627367 627368 627369 627370 627371 627372 627373 627374 627375 627376 627377 627378 627379 627380 627381 627382 627383 627384 627386 627387 627388 627389 627390 627391 627392 627393 627394 627395 627396 627397 627398 627399 627400 627401 627402 627403 627404 627405 627406 627407 627408 627409 627410 627411 627412 627413 627414 627415 627417 627418 627419 627420 627421 627422 627423 627424 627425 627426 627427 627428 627429 627430 627431 627432 627433 627434 627435 627436 627437 627438 627439 627440 627468 627469 627470 627471 627472 627473 627474 627475 627476 627478 627479 627480 627481 627482 627483 627484 627485 627486 627487 627488 627489 627490 627491 627492 627493 627494 627495

xVs Y-xVs/bv xVs Y-xVs/bv Y-xVs/bv xVs/Sh xVs/Slt xVs/Slt xVs/Slt xVs/Slt xVs/Slt Y-xVs/bv xVs xVs Slt Y-xVs/bv Vs xVs/Slt Y-xVs/bv xVs 1bd-xVs/Sh Y-bv xVs/Slt 1bd-Vs/Sh Y-xVs/bv xVs xVs/Slt xVs/Slt xVs/Slt xVs Y-xVs/bv 1bd-xVs 1bd-xVs 1bd-Slt xVs xVs xVs/bv Y-bv xVs/bv xVs/bv xVs Y-bv/xVs Co Y-bv Y-bv xVs/bv Y-bv Y-bv Co A/D-1/b HA-flv/bv HA-Co/lv HA-lv/Co HA-Hm/Co HA-mlv HA-clv HA-bv/mlv Co/Hm A-l/bv A-bv/Co 1bd-Co/Sh Co/mlv Co HA-clv/Co Co 1bd-Co/Sh Co A-l/bv Co A-bv Co A-bv Ch/Slt HA/A-bv Co/Hm HA/A-bv Y-bv clv clv A-bv/clv A-l A/D-bv A/D-l A/D-l/bv D-l D-Vs D-l D-xVs/bv A-l/Int

R-dy

41.4 41.7 40.3 0.49 0.49 0.51 24.5 29.5 16.3 0.53 51.79 2.8 3.46

1000CNDOL

Aberfoyle Resources Limited
EXPLORATION DIVISION
762383

REVISIONS
Init. | Date | Init. | Date

Tasmania
Lake Margaret E.L.5/85
Geochemical Profiles
DDH NC1 (sheet 1 Of 2)

Location Code:
Scale: 1 : 1000
Date: 18/08/95

Compiled: RdeB
Drawn:
Traced:
Checked: RHL
Plate No.: LMARG132

5 cm

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A.C.N. 004 664 108

DO NOT FILE

LAKE MARGARET EL 5/85
TASMANIA

Technical Progress Report
for the period
October 1994 - September 1995

Volume 4 of 4
Plates (2)

MICROFILMED
FICHE No. 013725-35

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ution

yle - Burnie	(1/4)
yle - Melbourne	(2/4)
tment of Mines - Hobart	**(3/4)**
xploration - Canberra	(4/4)

Prepared by:

R. Lewis

R. Lewis
GEOLOGIST

Endorsed by:

for **A.M. Hespe**
MANAGER - BASE METALS

Internal Report No.: Lake Margaret 12

R:\EL\ABERFOYL\EL585\WINWORD\REPORT\585AR95.DOC

PROGRAM: dhs
PROSPECT: lmg
SECTION definition:
E: 0.0 725.0
N: 0.0 0.0
RL: -1050.0 0.0
Forward extent: 10.0
Backward extent: 10.0
Section Strike: 90.0
Section Length: 725.0
PDF file: lmarg142.pdf
PCF file: lmarg142.pcf
PLOTfile: LMAR0142.plt
CRL file: nc3-1050.crl

LEGEND - Right Side

* HISTOGRAM *
Dataset: gch
Field SiO2 [%]
Base value: 0.000
Top value: 100.000
Units per mm: 2.500
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Al2O3 [%]
Base value: 0.000
Top value: 24.000
Units per mm: 0.600
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Fe2O3 [%]
Base value: 0.000
Top value: 10.000
Units per mm: 0.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field MnO [%]
Base value: 0.000
Top value: 0.800
Units per mm: 0.020
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Ba [ppm]
Base value: 0.000
Top value: 2600.000
Units per mm: 65.000
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field LOI [%]
Base value: 0.000
Top value: 45.000
Units per mm: 1.125
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Zr [ppm]
Base value: 0.000
Top value: 450.000
Units per mm: 11.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field TiO2 [%]
Base value: 0.000
Top value: 1.000
Units per mm: 0.025
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field P2O5 [%]
Base value: 0.000
Top value: 0.400
Units per mm: 0.010
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Cr [ppm]
Base value: 0.000
Top value: 100.000
Units per mm: 2.500
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Ti/Zr
Base value: 0.000
Top value: 40.000
Units per mm: 1.000
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field PO/TiO
Base value: 0.000
Top value: 0.800
Units per mm: 0.020
Max dist in mm: 40

LEGEND - Left Side

* ANNOTATION *
Dataset: geo
Field ROCKTYPE

* ANNOTATION *
Dataset: gch
Field Sample

SiO2 Al2O3 Fe2O3 MnO Ba LOI Zr TiO2 P2O5 Cr Ti/Zr PO/TiO

0d -50d -100d -150d -200d -250d -300d -350d -400d -450d -500d -550d -600d -650d -700d -750d -800d -850d -900d -950d -1000d -1050d

| | | |

PROGRAM: dhs
PROSPECT: lmg
SECTION: definition.
GRID: AMG
E: 380500 0 381200.0
N: 5358550 0 5358550 0
RL: -100 0 550 0
Forward extent: 150 0
Backward extent: 150 0
Section Strike: 90 0
Section Length: 700 0
PDF file: nc4blank.pdf
PCF file: nc4blank.pcf
PLOTfile: lmg008.plt
DRI file: nc4all.cri

380500E 380600E 380700E 380800E 380900E 381000E 381100E 381200E

LAKE NEWTON

480

HA8

OLD GRIDLINES

5358550N

HA7

880

500

520

CURRENT GRIDLINE

NC4A

NC4

ANTHONY ROAD

500R

400R

300R

200R

100R

0R

-100R

NC4/A
5358526mN(S)
381049mE(S)
511.4mRL(S)

ANTHONY ROAD

F30 P4-5 Ab Si, Pot 2-3 Cl
B1-3 Ab Cl
M1-3 Ab Si, Pl-2 Cl
Pot1-3 Ab Si Pl-2 Cl
F45 Pot1 Ab Si, Pl Cl
M1 Ab Si Pl Cl
Pot 2-3 Ab Si, Co Pl-2 Cl
F40 Pot1 Ab Si Pl Cl
F60 P2-5 Se Co Pot1-3 Si, Dsi Hm
F45 P2-3 Se Co (Hm)
P2-4 Cl M1-3 Co Si, Dsi Po Py
P1 Se Dsi-2 Po Py Pot1 Co
M1-2 Ab Si Pl-2 Cl Se Pot1 Co
B2-4 Hm Co
St 5 Hm M3-4 Cl Se Co
P3-4 Se Cl St1 Hm
P4-5 Hm Se
P2-3 Se Cl (St) Hm
P2-3 Se Cl
P3-5 Se Si
P2-3 Se Si, St (Cl Vi) Py tr Go
P2-3 Se Si, Pot1 Cl
M1-2 Si Se
P2-4 Si Se
P3 Cl Se Si
P3 Si Se Cl
P2 Se Si
P3 Si Se Ab
P2 Si, Se
Pl Si Se Dsi Pt Sp
P2 Si, St 3 Cl Se
Sf 2 Cl Pm 4 Si Se
M3 Si, St 3 Cl Se
P2 Se Si
P2 Cl
P2 Si Se M3 Si
P2 Si, Se
P3 Si Se Cl
P2 Si, Se
P3 Se Cl Pot / Si
P2 Se Pot 3 Si Cl
P2 Se Si
P2 - 3 Si Ab Pot 1 - 2 Se
P2 - 3 Si Se
Pl - 3 Si Se
P3 Se Pot 1 - 4 Si Cl Dsi Py
P2 Si Se
P2 Si Se St2 - 3 Si A6
P2 Si Se
Pl - 2 Si Se St2 - 3 Si Ab
P4 Si Ab Se
St3 Cl M4 Si Se

MAGNETITE-RICH SILTSTONE (CImSi) cf NC1: 107-198.9m, NC2: 322-429.6m, NC3: 221-253.4m
gn pk Fd gn mf Flv/Slt
gr Fd Y-bv/clv
CRYSTAL-RICH SANDSTONE (CImss)
gy gn pk mas Fd Qx Vs
108.4m POLYMICT Co-RICH BRECCIAS (Ctm) cf NC3 463.9-517.7m
gy gn pp sh d Y-clv
gy pp slt
gy wh pp Co-clv
144.6m GREY SILTSTONE (Ctmsh)
gn gy Y-mlv/clv
gn gs mas Fd pA-mlv
gn mas A-clv/bv
143.4m(6272883T)
gy lbd Flv/mlv
165.6m
gy lbd Slt/Flv
159.0(6239097)
CONFORMABLE TRANSITION
MIDDLE TYNDALL GROUP(Ctm)
184m
BANDED CARBONATES(Ctlco) pk pp wh bnd Co
LOWER TYNDALL GROUP (Ctl)
194.9m
HOWARDS TUFF (Ctlhm)
pp sh d A-bv/clv
SHEARED ANDESITIC BRECCIAS, ANDESITIC VOLCANICLASTICS (Ctlad)
215m
ppcm sh d clv
gn gy sh d clv/mlv
gn pk mas Y-clv/bv
gn cm mas Flv
gn cm mas mlv/Flv
POLYMICT ANDESITE/DACITE VOLCANICLASTICS
mas Fd D-I
cm pk gn mas mlv/clv
pk gn mas Y-clv
gn gy mas Y-clv/mlv
295.1m(6239116TSP)
307.3m(6239106T)
LOWER TYNDALL GROUP 373.0m SILTSTONE (Ctls) ANTHONY ANDESITE
cm gn mas Y-mlv
gy gn D-I
cm gn mas A-clv
gy lcm Slt-clv
gy gn mas A-clv
mas A-bv (HYDRAULIC BRECCIA)
DOMINANTLY ALTERED gy gn ANDESITE LAVA AND PSEUDOCLASTICS (Cova)
gy gn mas A/D-I
gn mas Fsp A-Por
Fsp A/D-I
409.1m(6239126T)
A/D-bv
Fsp A/D-I
A/D-clv
Fsp A/D-I
A/D-clv/mlv
488.6m
Fd p A/D-I
A/D-clv
Fd p D-I
DISTINCTLY QUARTZ PHYRIC LAVA/PORPHYRY (Cvif)
pk cm gn Fd Q P RD-I
385.3m(6239136T)
409.9m(6239146T)
399.2m(6239125)
gy Fd Q p D-I
gn pk mas Y-clv/bv
cm gy Fd Q p D-Por
952.3(6239166T)
gy pk Y-bv/clv
pk Fd Q p D-I
gn gy mas A-clv
575m DOMINANTLY ALTERED ANDESITE LAVA (Cova)
E C H 877.2m
400(-24)
300(-31)
300(-20)
200(-20)
100(-21)
100(-20)

DOMINANTLY Ab Si Cl ALTERATION (0-108.4m)
MODERATE Se Co Si ALTERATION
DISSEMINATED Po Py
Ab Si, Cl ALTERATION
Hm Co Se ALTERATION
221.3m BASE OF Hm ALTERATION
Se Cl ALTERATION
Si Se ALTERATION
SCATTERED Pb Co CLOTS WITH TRACE GALENA (290-295m)
DISSEMINATED SPHALERITE-GENEMETIC Py 6.10m @ 1.76% Pb, 1.64% Zn, 10 ppm Ag, 195 ppm As
EARLY Cl ALTERATION OVERPRINTED BY DOMAINAL Si Se
50-100cm SPACED 1-3cm Si Py CRUSTIFORM VEINS (498.2-504.3m)
DISSEMINATED + VEINLET Sp (522.2-545.6m)
PINK Si Ab Se ALTERATION

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762386

5 cm

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REVISIONS				TASMANIA	Compiled: RHL
Init.	Date	Init.	Date	EL5/85 Lake Margaret	Drawn: DHS5
				Section 5358550N: NC4	Traced: JLR
				Geology & Alteration	Checked:
Location Code:				Scale: 1 : 1000 Date: 16/08/95	Plate No - LMARG147

PROGRAM: dhs
PROSPECT: lmg
SECTION definition:
GRID: AMG
E: 380800.0 381500.0
N: 5358740.0 5358740.0
RL: -250.0 550.0
Forward extent: 150.0
Backward extent: 150.0

Section Strike: 90.0
Section Length: 700.0

PDF file: lmarg135.pdf
PCF file: lmarg135.pcf
PLOTfile: LMARG135.plt
DXI file: nc3-500.dxi

LEGEND - Right Side

LEGEND - Left Side

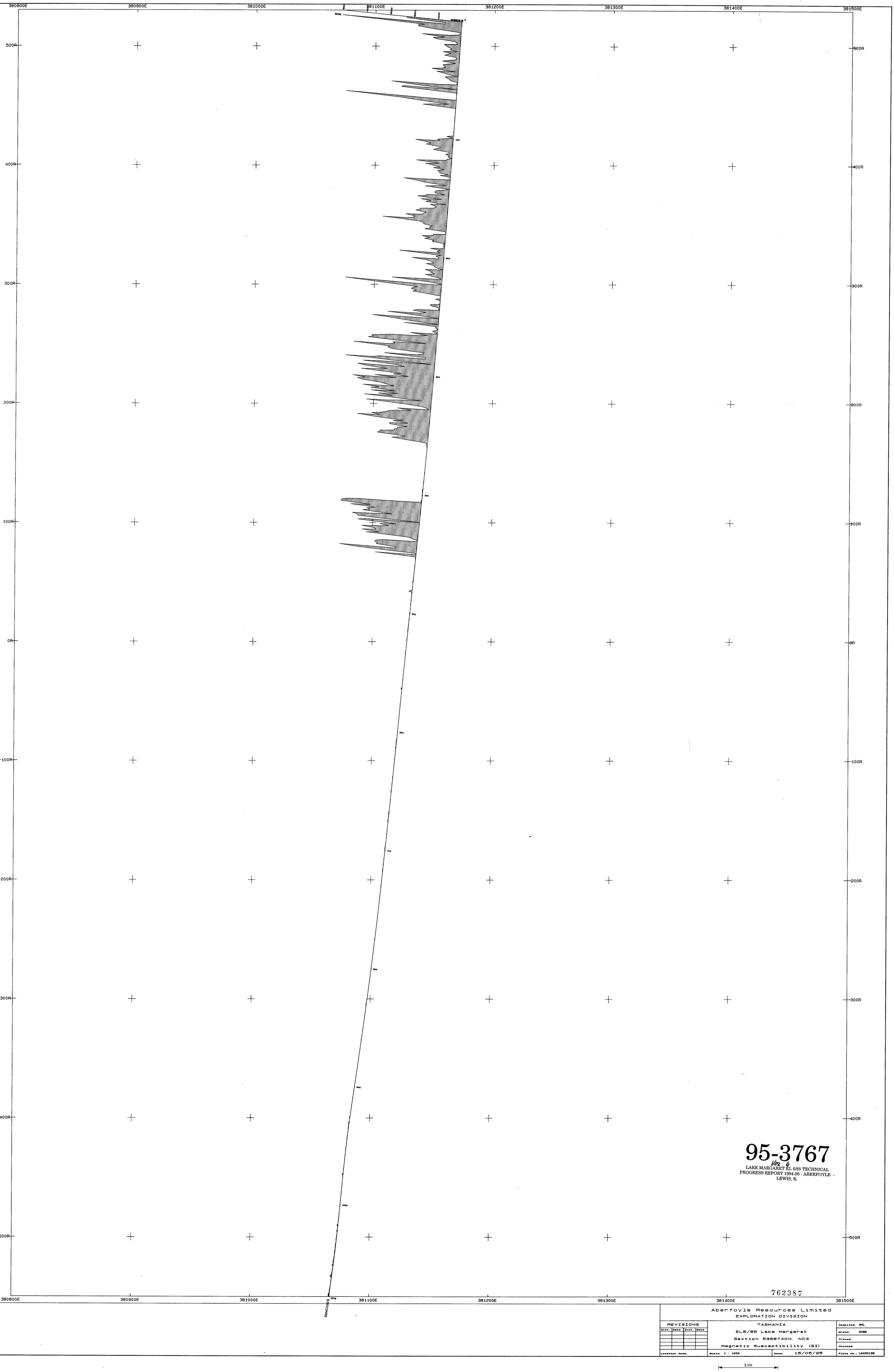
PROFILE
Dataset: gp1
Field MAGSUS
Base value: 0.000
Top value: 5000.000
Units per mm: 50.000
Max dist in mm: 100

PDF file: lmarg135.pdf
PCF file: lmarg135.pcf
PLOTfile: LMARG135.plt
DXI file: nc3-500.dxi

LEGEND - Right Side

LEGEND - Left Side

PROFILE
Dataset: gp1
Field MAGSUS
Base value: 0.000
Top value: 5000.000
Units per mm: 50.000
Max dist in mm: 100



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Aberfoyle Resources Limited
EXPLORATION DIVISION

REVISIONS			
Init.	Date	Init.	Date
Location Code:			

TASMANIA
EL5/85 Lake Margaret
Section 5358740N: NC3
Magnetic Susceptibility (SI)

Scale: 1 : 1000
Date: 15/05/95

Compiled: RHL
Drawn: DHS
Traced:
Checked:
Plate No.: LMARG135

5 cm

PROGRAM: dhs
PROSPECT: lmg
SECTION definition:
E: 0.0 725.0
N: 0.0 0.0
RL: -1050.0 0.0
Forward extent: 10.0
Backward extent: 10.0
Section Strike: 90.0
Section Length: 725.0
PDF file: lmarg133.pdf
PCF file: lmarg133.pcf
PLOTfile: LMARG133.plt
CRI file: nc1.cri

LEGEND - Right Side

* HISTOGRAM *
Dataset: gch
Field Na2O [%]
Base value: 0.000
Top value: 8.000
Units per mm: 0.200
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field MgO [%]
Base value: 0.000
Top value: 4.000
Units per mm: 0.100
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field K2O [%]
Base value: 0.000
Top value: 5.000
Units per mm: 0.125
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field CaO [%]
Base value: 0.000
Top value: 20.000
Units per mm: 0.500
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field S [%]
Base value: 0.000
Top value: 5.000
Units per mm: 0.125
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Cu [ppm]
Base value: 0.000
Top value: 400.000
Units per mm: 10.000
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Pb [ppm]
Base value: 0.000
Top value: 100.000
Units per mm: 2.500
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Zn [ppm]
Base value: 0.000
Top value: 300.000
Units per mm: 7.500
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Ag [ppm]
Base value: 0.000
Top value: 10.000
Units per mm: 0.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Au [ppm]
Base value: 0.000
Top value: 0.120
Units per mm: 0.003
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field As [ppm]
Base value: 0.000
Top value: 50.000
Units per mm: 1.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field ALTINDEX
Base value: 0.000
Top value: 100.000
Units per mm: 2.500
Max dist in mm: 40

LEGEND - Left Side

* ANNOTATION *
Dataset: geo
Field ROCKTYPE

* ANNOTATION *
Dataset: gch
Field Sample

Na2O | MgO | K2O | CaO | S | Cu | Pb | Zn | Ag | Au | As | ALTINDEX

0d
-50d
-100d
-150d
-200d
-250d
-300d
-350d
-400d
-450d
-500d
-550d
-600d
-650d
-700d
-750d
-800d
-850d
-900d
-950d
-1000d
-1050d

627355 627356 627357 627358 627359 627360 627361 627362 627363 627364 627365 627366 627367 627368 627369 627370 627371 627372 627373 627374 627375 627376 627377 627378 627379 627380 627381 627382 627383 627384 627386 627387 627388 627389 627390 627391 627392 627393 627394 627395 627396 627397 627398 627399 627400 627401 627402 627403 627404 627405 627406 627407 627408 627409 627410 627411 627412 627413 627414 627415 627417 627418 627419 627420 627421 627422 627423 627424 627425 627426 627427 627428 627429 627430 627431 627432 627433 627434 627435 627436 627437 627438 627439 627440 627468 627469 627470 627471 627472 627473 627474 627475 627476 627478 627479 627480 627481 627482 627483 627484 627485 627486 627487 627488 627490 627491 627492 627493 627494 627495

xVs
Y-xVs/bv
xVs
Y-xVs/bv
Y-xVs/bv
Y-xVs/bv
R-dy
Y-xVs/bv
xVs/Sh
xVs
xVs/Slt
xVs/Slt
xVs/Slt
xVs/Slt
Y-xVs/bv
xVs
xVs
Slt
Y-xVs/bv
Vs
xVs/Slt
Y-xVs/bv
xVs
1bd-xVs/Sh
Y-bv
xVs/Slt
1bd-Vs/Sh
Y-xVs/bv
xVs
xVs/Slt
xVs/Slt
xVs/Slt
xVs
xVs
xVs
xVs/Slt
Y-xVs/bv
1bd-xVs
1bd-xVs
1bd-xVs
1bd Slt
xVs
xVs/bv
Y-bv
xVs/bv
xVs
xVs/bv
Y-bv/xVs
Co
Y-bv
Y-bv
xVs/bv
Y-bv
Y-bv
Co
A/D-1/b
HA-flv/bv
HA-Co/lv
HA-lv/Co
HA-Hm/Co
HA-mlv
HA-clv
HA-bv/mlv
Co/Hm
A-1/bv
A-bv/Co
1bd-Co/Sh
Co/mlv
Co
HA-clv/Co
Co
1bd-Co/Sh
Co
A-1/bv
Co
A-bv
Co
A-bv
A-bv
Ch/Slt
HA/A-bv
Co/Hm
HA/A-bv
Y-bv
clv
clv
A-bv/clv
A-1
A/D-bv
A/D-1
A/D-1/bv
D-1
D-Vs
D-1
D-xVs/bv
A-1/Int

4.1
4.35
4.08
4.2
4.26
5.38
5.08
2.97
2.9
5.57
5.06

43.38
47.88
21.26
51.72
34.28
38.8
43.82
20.15
51.35
48.07
45.1
49.81
47.48
20.42
45.52
20.35
37.42
22.2
32.9

405
690

5.61
5.87
2011
258
119
406

0.214
153
22
65

DDNC0001
829.6

5 cm

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EXPLORATION DIVISION

REVISIONS				Tasmania	Compiled: RdeB
Init.	Date	Init.	Date	Lake Margaret E.L.5/85	Drawn:
				Geochemical Profiles	Traced:
				DDH NC1 (sheet 2 of 2)	Checked: RHL
Location Code:				Scale: 1 : 1000 Date: 18/08/95	Plate No.: LMARG133

LAKE JULIA
619 m
HOWARDS
Ctu
HENTY
CANAL
COc
GREAT LYELL FAULT
E.L. 29/94
RED HILLS
PLUTONIC
ROAD
OWEN CONGLOMERATE
TYNDALL MINE FAULT
Cviq
Ctrl
Ctlhm
Ctmsh
Ctush
ROAD
Ctmss
Ccvf
TYNDALL MINE
DAM ACCESS
NEWTON
PUMP STATION ACCESS ROAD
ANTHONY
CANAL
HENTY
NC3
HOWARDS FAULT
HA8
HA7
'JASPER POINT'
NEWTON DAM
CREEK
Ctlad
Ccvd
Ccvam
Ccvan
NEWTON
TYNDALL CREEK FAULT
HA6
HA4
HA1/2
ROAD
GREAT LYELL FAULT
NC1
CREEK
HA5
TC15
E.L. 11/85
YOLANDE
PASMINCO
E.L. 5/85
LAKE MARGARET
E.L. 103/87
BASIN LAKE
E.L. 14/93
LAKE MARGARET
RGC
HA3
NC2
TYN3
TYN5
ANTHONY
TYNDALL
Ctlsh
6361 000m N
5360 000m N
5359 000m N
5358 000m N
5357 000m N
380 000m E
381 000m E
382 000m E

OWEN CONGLOMERATE

COc 17	SILICICLASTICS: Siliceous/micaceous quartz sandstone to cobble conglomerate.

UPPER TYNDALL GROUP

Ctu 64	BRECCIAS/CONGLOMERATES: Polymict haematitic breccias and conglomerates.
Ctush 68	SILTSTONE/SHALE: Grey graded fine sandstone to shale.
Ctrl 26	RHYOLITE LAVA: Pink/purple quartz/feldspar phyric rhyolite lava/breccia.

MIDDLE TYNDALL GROUP

Ctmss 21	VOLCANICLASTIC SANDSTONES: Strongly magnetic rhyodacitic quartz/feldspar crystal-rich sandstones. Banded chlorite/albite alteration.
Ctmsh 68	SHALE. Grey pyritic shale - base of Middle Tyndall Group.

LOWER TYNDALL GROUP

Ctlhm 26	HAEMATITE/CARBONATE VOLCANICLASTICS: Massive to foliated haematite altered andesite breccias with carbonate +/- jasperoidal matrix and interlayered banded carbonate. "Howards Tuff" equivalent.
Ctlad 27	ANDESITE BRECCIA VOLCANICLASTICS: Massive monomict-polymict andesitic/dacitic debri flow breccias and coarse sandstones.
Ctlsh 68	EPICLASTICS: Sequence of interbedded black pyritic shale, siltstone and fine-grained andesitic sandstone.

CENTRAL VOLCANIC COMPLEX

Ccvq 58	QUARTZ PORPHYRY: Coarsely quartz +/- feldspar phyric dacitic intrusive with Ti/Zr > 15.
Ccvam 46	ANTHONY ANDESITE: Magnetic hornblende/feldspar phyric andesite lavas/shallow intrusives (minor juvenile volcaniclastics). Suite II.
Ccvan 48	ANTHONY ANDESITE: Non-magnetic hornblende/feldspar phyric andesite lavas/shallow intrusives (minor juvenile volcaniclastics). Suite II.
Ccvd 51	DACITE LAVA: Grey green feldspar phyric dacite lava. Suite I.
Ccvf 52	CVC: Undifferentiated feldspar phyric rhyodacite lavas/shallow intrusives. Suite I.

- DIAMOND DRILL HOLES
- FAULTS MOVEMENT
- GEOLOGICAL BOUNDARY
- TRACK
- CLEAVAGE VERTICAL
- CLEAVAGE
- BEDDING
- OVERTURNED BEDDING
- BEDDING VERTICAL
- TRANSMISSION LINE
- PYRITIC ALTERATION
- JASPER

AMG N

500 m

5 cm

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REVISIONS			
Init.	Date	Init.	Date
HEC/ma	11-5-92		
RHL/pk	7/6/95		

NORTH WEST TASMANIA
LAKE MARGARET EL 5/85
INTERPRETIVE GEOLOGY

Location Code :
Scale : 1:5000
Date : February, 1992
Compiled : RHL
Drawn : RHL
Traced : JLR
Checked : RHL
Plate No : LMARG51

PROGRAM: dha
PROSPECT: lmg
SECTION definition:
GRID: AMG
E: 380770.0 381485.0
N: 5358140.0 5358140.0
RL: -150.0 600.0
Forward extent: 150.0
Backward extent: 150.0
Section Strike: 90.0
Section Length: 735.0
PDF file: nc2blank.pdf
PDF file: nc2blank.pdf
PLOTfile: lmg001.plt
CNT file: nc2has.cnt

BOLYKOM/STRATHER

380800E 380900E 381000E 381100E 381200E 381300E 381400E

5358140N

LAKE NEWTON

ANTHONY ROAD

NEC TRANSMISSION LINES

TRACK

Transmission Line

480 500 520 540

L23 5N (RGC)

L23N (RGC)

L22 5N (RGC)

EOH243 8m

HA3

NC2

EOH 631m

58200 N

58000 N

600R 500R 400R 300R 200R 100R 0R -100R

DDH HA3
535B154 82mN(S)
380986 99mE(S)
504mRL (S)

DDH NC 2
535B110 5mN(S)
381329 3mE(S)
536 3mRL(S)

LOWER TYNDALL GROUP
INTERLAYERED BANDED CARBONATE AND ANDESITE BRECCIA VOLCANICLASTICS

"HOWARDS TUFF"
STRONGLY SHEARED HAEMATITE-CARBONATE ALTERED ANDESITE BRECCIAS

WEAKLY HAEMATITIC ANDESITIC BRECCIAS

MIDDLE TYNDALL GROUP
QUARTZ FELDSPAR CRYSTAL -RICH SANDSTONES-BRECCIAS

UPPER TYNDALL GROUP? (C1u)

MIDDLE TYNDALL GROUP (C1m)

MAGNETITE RICH SILTSTONE PACKAGE (C1ms)
BROAD-SCALE UPWARD FINING

OWEN CONGLOMERATE
NEWTON CREEK SANDSTONE MEMBER(COcn)

MULTIPLE FAULT ZONE (?GREAT LYELL FAULT)
Pot2-3 Se Ds/Fr Py

PROBABLE STRUCTURAL REPETITION

BRITTLE FAULT ZONE

SAMPLES (407 3-487 8m)
432 5m (628317L)
443 9m (628318L)
452 6m (628319L)
456 7m (628320L)
462 6m (628321L)
469 3m (628322L)
472 3m (628323L)
476 4m (628324L)
480 9m (628325L)
481 9m (628326L)
483 0m (628327L)
483 5m (628328L)
487 8m (628329L)

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REVISIONS				TASMANIA	Compiled: RHL
Inst.	Date	Inst.	Date	EL5/85 Lake Margaret	Drawn: DHBS
				Section 5358140N: NC2 (HA3)	Traced: JLR
					Checked:
Location Code:				Scale: 1 : 1000 Date: 2/05/95	Plate No.: LMARG130

5 cm

PROGRAM: gentry
PROSPECT: lmg
PLAN definition:
GRID: AMG
E: 379900.0 382400.0
N: 5359900.0 5361100.0
RL: 500.0 500.0
Forward extent : 1000.0
Backward extent: 1000.0
PDF file: lmargi51.pdf
PCP file: lmargi51.pcf
PLOTfile: LMARG151.plt
CRI file: lmgwack.cri

LEGEND - Right Side

LEGEND - Left Side

LOCATION PLOT
Dataset: afg

Data: COLOUR

380000E
381000E
382000E
5361000N
5360000N
5359000N
5358000N
5357000N

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5 cm

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REVISIONS			
Init.	Date	Init.	Date
Location Code:			

TASMANIA
EL5/85 Lake Margaret
Newton Creek - Wacker Sampling
Geology & Alteration

Scale: 1 : 5000
Date: 4/09/95

Compiled: RHL
Drawn: DHSS
Traced:
Checked: RHL
Plate No.: LMARG151

PROGRAM: gentry
PROSPECT: lmg
PLAN definition:
GRID: AMG
E: 378500 0 382400 0
N: 5356900 0 5361100 0
RL: 500 0 500 0
Forward extent 1000 0
Backward extent 1000 0
PDF file: lmarg150.pdf
PCF file: lmarg150.pcf
PLOTfile: LMARG150.plt
CRI file: ncweck.cri

LEGEND - Right Side

LEGEND - Left Side

LOCATION PLOT
Dataset: afg

Data: Depth

PDF file: lmarg150.pdf
PCF file: lmarg150.pcf
PLOTfile: LMARG150.plt
CRI file: towack-lmg.cri

LEGEND - Right Side

LEGEND - Left Side

LOCATION PLOT
Dataset: afg

Data: Depth

380000E
381000E
382000E
5361000N
5360000N
5359000N
5358000N
5357000N

5 cm

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REVISIONS				TASMANIA	Compiled: RHL
Init.	Date	Init	Date	EL5/85 Lake Margaret	Drawn: DHS6
				Newton Creek - Wacker Sampling	Traced:
				Bedrock Penetration/Depth	Checked: RHL
Location Code				Scale 1 5000 Date 1/09/95	Plate No LMARG150

PROGRAM: dhs
PROGFILE: lma
SECTION definition:
GRID: AMG
E 380500.0 381200.0
N 5358550.0 5358550.0
RL: -100.0 550.0
Forward extent : 150.0
Backward extent: 150.0
Section Strike: 90.0
Section Length: 700.0
PDF file: lmar8148.pdf
PCX file: lmar8148.pcx
PLOTfile: LMAR8148.plt
DXF file: nc4.dxf

LEGEND - Right Side

LEGEND - Left Side

PROFILE h
Dataset: gpi
Field HAUSER
Top value: 0.000
Base value: 8000.000
Units per MM: 80.000
Max dist in MM: 100

380500E 380600E 380700E 380800E 380900E 381000E 381100E 381200E

5358550N

500R 400R 300R 200R 100R 0R -100R

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5 cm

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REVISIONS			
Init.	Date	Init.	Date

TASMANIA
EL5/85 Lake Margaret
Section 5358550N: NC4
Magnetic Susceptibility (SI)

Location Code
Scale: 1 : 1000
Date: 15/08/95

Compiled: RHL
Drawn: DHBS
Traced:
Checked:
Plate No.: LMAR8148

PROGRAM: dhe
PROSPECT: lmg
SECTION definition:
E: 0.0 725.0
N: 0.0 0.0
RL: -1050.0 0.0
Forward extent: 10.0
Backward extent: 10.0
Section Strike: 90.0
Section Length: 725.0
PDF file: lmarg143.pdf
PCF file: lmarg143.pcf
PLOTfile: LMARG143.plt
CRI file: nc3-1050.cri

LEGEND - Right Side

* HISTOGRAM *
Dataset: gch
Field Na2O [%]
Base value: 0.000
Top value: 8.000
Units per mm: 0.200
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field MgO [%]
Base value: 0.000
Top value: 6.000
Units per mm: 0.150
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field K2O [%]
Base value: 0.000
Top value: 5.000
Units per mm: 0.125
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field CaO [%]
Base value: 0.000
Top value: 45.000
Units per mm: 1.125
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field S [%]
Base value: 0.000
Top value: 0.800
Units per mm: 0.018
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Cu [ppm]
Base value: 0.000
Top value: 100.000
Units per mm: 2.500
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Pb [ppm]
Base value: 0.000
Top value: 400.000
Units per mm: 10.000
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Zn [ppm]
Base value: 0.000
Top value: 400.000
Units per mm: 10.000
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Ag [ppm]
Base value: 0.000
Top value: 10.000
Units per mm: 0.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field Au [ppm]
Base value: 0.000
Top value: 0.120
Units per mm: 0.003
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field As [ppm]
Base value: 0.000
Top value: 50.000
Units per mm: 1.250
Max dist in mm: 40

* HISTOGRAM *
Dataset: gch
Field ALTINDEX
Base value: 0.000
Top value: 100.000
Units per mm: 2.500
Max dist in mm: 40

LEGEND - Left Side

* ANNOTATION *
Dataset: geo
Field ROCKTYPE

* ANNOTATION *
Dataset: gch
Field Sample

Na2O MgO K2O CaO S Cu Pb Zn Ag Au As ALTINDEX

0d -50d -100d -150d -200d -250d -300d -350d -400d -450d -500d -550d -600d -650d -700d -750d -800d -850d -900d -950d -1000d -1050d

628051	Y-bv/VCg, Y-bv/clv, Y-bv/VCg, Y-bv/clv, Y-bv, Y-bv/clv
628052	Y-bv
628053	Y-bv/clv, clv/Slt, Y-VCg, clv
628054	ibd-mlv/Sh, clv, Y-VCg
628055	ibd-mlv/Sh, Y-VCg, ibd-Slt/Sh
628056	
628057	Y-bv
628058	
628059	
628060	xVs
628061	Y-xVs/bv, xVs, ibd-Vs/Slt, xVs
628062	Y-xVs/bv
628063	mlv, Y-bv, mlv, Y-bv, mlv, Y-bv
628064	mlv
628065	Y-bv, mlv, ibd-mlv/Sl
628066	xVs, Y-bv
628067	HA-Co/flv
628068	
628069	HA-Se, HA-Co
628070	HA-Co, HA-Co
628071	HA-Co, Y-xVs/bv
628072	ibd-Ch/Vs
628073	xVs
628074	
628075	Y-bv
628076	Vs/bv
628077	Ch
628078	HA-bv
628079	HA-bv, HA-Co
628080	HA-bv
628082	
628083	HA-clv/flv
628084	
628085	HA-bv
628086	
628087	HA-bv/clv
628088	
628089	HA-bv
628090	HA-bv/Co/S
628091	Co/Sh
628092	
628093	HA-clv, Co/Sh
628094	HA-Co/Si, Co, HA-Co/Si
628095	Co
628096	HA-Co/Si, Co/Sh
628097	Co
628098	HA-Co/Si, flv/Slt
628099	HA-Co/Slt, flv/Slt
628100	HA-Co/Slt, flv/Slt
628101	HA-Co/Slt, flv/Slt
628102	
628103	HA-Co/Slt, flv/Slt
628104	HA-Si
628105	HA-Si/Cc, xVs
628106	Y-bv
628107	Y-bv
628108	Ch
628109	HA-bv
628110	Ch
628111	Y-bv
628113	Ch
628114	Y-bv
628115	Ch
628116	Sh
628117	xVs
628118	Sh
628119	
628120	Y-bv
628121	Co, mlv/flv
628122	HA-Co\Cl\S
628123	
628124	Co
628125	Co
628126	Co
628127	ibd-Slt/Sh
628128	
628129	
628130	ibd-Ss/Slt
628131	
628132	Ss
628133	ibd-Ss/Slt
628134	Ss, ibd-Ss/Slt, Ss, ibd-Ss/Slt

DDNC0003 1051

Au: 1574
Cu: 51.46, 0.63, 0.92, 723, 877, 667, 8.16, 6.68, 6.96, 18.01, 16.93, 5.43
Pb: 542, 536
Zn: 68, 312, 54, 195

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5 cm

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REVISIONS				Tasmania	Compiled: RdeB
Init.	Date	Init.	Date	Lake Margaret E.L.5/85	Drawn:
				Geochemical Profiles	Traced:
				DDH NC3 (sheet 2 of 2)	Checked: RHL
Location Code:				Scale: 1 : 1000 Date: 18/08/95	Plate No.: LMARG143

PROGRAM: dhs
PROSPECT: lmg
PLAN definition:
GRID: AMG
E: 379500.0 382400.0
N: 5358900.0 5361100.0
RL: 500.0 500.0
Forward extent : 1000.0
Backward extent: 1000.0
PDF file lmarg145.pdf
PDF file: lmarg145.pcf
PLOTfile: LMAR0145.plt
CRI file: ncsoil.cri

LEGEND - Right Side

LEGEND - Left Side

LOCATION PLOT
Dataset: sfg
Au (ppm)

Data: Au

380000E
381000E
382000E
5361000N
5360000N
5359000N
5358000N
5357000N

5 cm

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REVISIONS			
Init	Date	Init	Date
Location Code:			

TASMANIA
EL5/85 Lake Margaret
Newton Creek Prospect
Au Soil Geochemistry

Scale 1 : 5000 Date: 14/08/95

Compiled: RHL
Drawn: DHS6
Traced:
Checked: RHL
Plate No : LMARG145

PROGRAM: dhs
PROSPECT: lmg
PLAN: definition
GRID: AMG
E: 379850 0 382400 0
N: 5358900 0 5361100 0
RL: 500 0 500 0
Forward extent: 1000 0
Backward extent: 1000 0
PDF file: lmarg149.pdf
PCF file: lmarg149.pcf
PLOTfile: LMARG149.plt
CRI file: ncwack.cri

LEGEND - Right Side

LEGEND - Left Side

* LOCATION PLOT *
Dataset: sfg

Data: Sample number

PDF file: lmarg149.pdf
PCF file: lmarg149.pcf
PLOTfile: LMARG149.plt
CRI file: tcwack-lmg.cri

LEGEND - Right Side

LEGEND - Left Side

* LOCATION PLOT *
Dataset: sfg

Data: Sample number

380000E 381000E 382000E

5361000N 5360000N 5359000N 5358000N 5357000N

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5 cm

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REVISIONS				TASMANIA	Compiled: RHL
Init.	Date	Init.	Date	EL5/85 Lake Margaret	Drawn: DHS6
				Newton Creek - Wacker Sampling	Traced:
				Sample Locations	Checked: RHL
Location Code				Scale 1 5000 Date. 1/09/95	Plate No.: LMARG149