NEWMONT EXPLORATION OF CANADA LIMITED

GEOLOGIAL, GEOCHEMICAL AND GEOPHYSICAL REPORT

on the

WHITE CLAIM GROUP

Omineca Mining Division, B.C.
93F/11E, 6E

by
Dennis M. Bohme, P. Eng.

December 15, 1988

LOCATION: 90 km southeast of Vanderhoof, B.C.
Latitude 53°30', Longitude 125°05'

OWNER OF RECORD: Newmont Exploration of Canada Limited

WORK DONE BY: Newmont Exploration of Canada Limited

WORK DONE BETWEEN: September 29, 1987 - September 29, 1988

DATE SUBMITTED: December 20, 1988

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SUMMARY

This report describes the results of the geological mapping, soil sampling, silt sampling, rock chip sampling, VLF resistivity and magnetic surveys carried out on the WHITE claim group between September 29, 1987 to September 29, 1988. The target concept is exploration for an epithermal-style volcanic hosted, bulk tonnage precious metal deposit. The property is wholly owned by Newmont and is located 90 km southwest of Vanderhoof, B.C.

Initially, a landsat-lineament study of several target areas underlain by Tertiary felsic volcanics of the Ootsa Lake Group was undertaken. The property was staked after boulders of a stibnite-bearing altered sandstone were traced up-ice 7 km to their source and several intersecting faults were recognized nearby.

At the Arrow Lake Showing, highly anomalous Sb, Hg and minor As are distributed along a series of intersecting subvertical faults that have been locally silicified. Veining in the fractured arkosic sandstone and rhyolite host carry significant amounts of stibnite, pyrite, marcasite and cinnabar. Gold values ranged between 2 - 86 ppb.

Gold mineralization at the Gus Showing is proximally related to an east trending fault lineament and associated dilatant faults and fractures. Several poorly exposed fault zones, up to 1.0m wide, are interpreted as conduits which fed hydrothermal solutions to the structurally prepared rhyolite and lithic tuff hosts. Chalcedonic rhyolite breccia zones typically carry between 43 - 795 ppb Au, 0.3 - 1.5 ppm Ag, 144 - 8452 ppm As, 141 - 26626 ppm Sb, and 1500 - 22000 ppb Hg. The structural setting, intense brecciation, chalcedonic quartz flooding, anomalous trace elements, fine-grained sulfides and erratic gold occurrences represent evidence of a high-level epithermal system.

Extensive backhoe trenching is warranted on both showing areas. A 2500 ft NQ diamond drill program is contingent on encouraging results of the preceding work.

INTRODUCTION

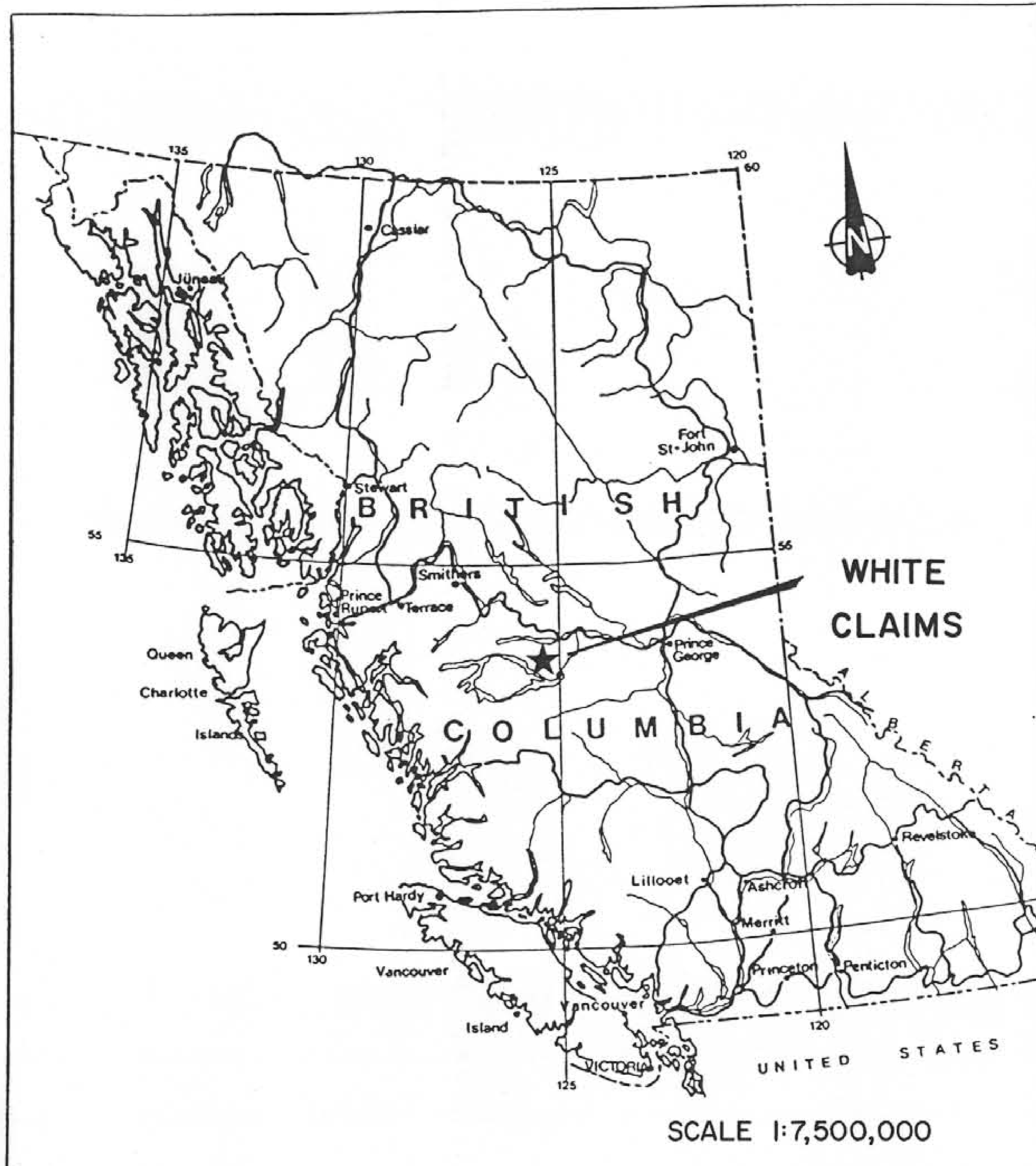
This report describes the results of the geological mapping, soil sampling, stream sediment sampling, rock chip sampling, VLF resistivity and magnetic surveys conducted on the WHITE claim group between September 29, 1987 - October 13, 1987 and May 13, 1988 - September 29, 1988. The program was designed to systematically explore the claims for a bulk tonnage, volcanic-hosted precious metal deposit. Newmont's name for this work is the OOTSA - WHITE Project.

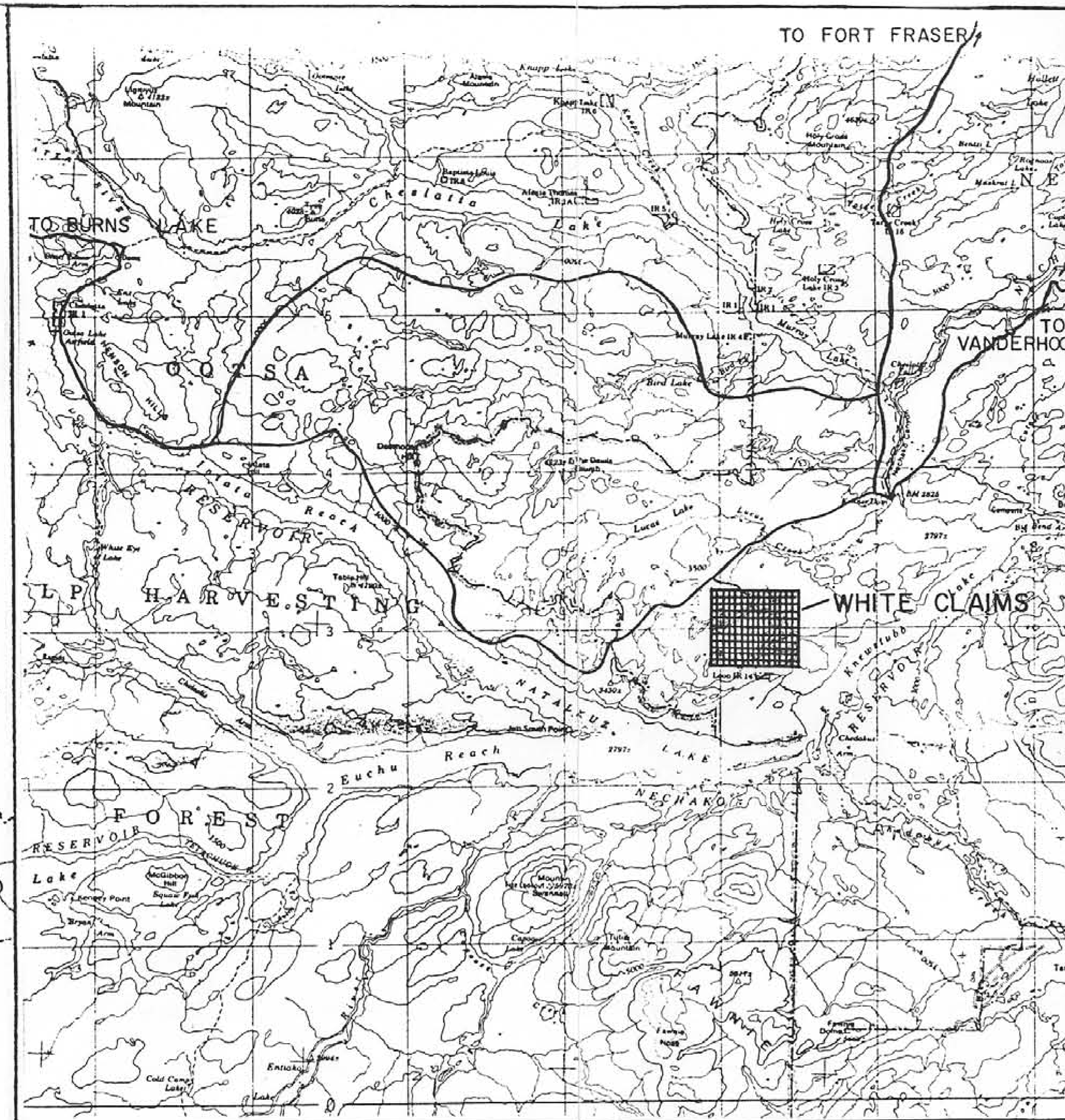
Location, Access and Topography

The WHITE claim group is located in the Nechako Plateau of the central interior, approximately 90 km southwest of Vanderhoof, B.C. The claims are situated on the north shore of Natalkuz Lake of the Ootsa Lake - Nechako Reservoir near Emmett Lake (see Figure 1).

The nearest access via logging road is from either Vanderhoof or Fort Fraser to Kenny Dam, a distance of 100 and 70 kilometres, respectively. Access to the claim group is gained by driving 9 km west of Kenny Dam along the Ootsa Lake logging road, and then branching off onto a narrow, winding 4 wheel drive access road for a distance of 4.6 km to Arrow Lake. This road cuts through the WHITE 1 and 4 claims.

Relief throughout the region varies between quite flat to moderately steep. Flat to gently undulating topography with numerous small lakes and open grassy swamps cover much of the claim area. Elevations range from 2950 ft near Arrow Lake to over 3600 ft at the summit of a small knoll to the southwest.





SCALE

0 5 10 15 km

NEWMONT EXPLORATION OF CANADA LTD.		
LOCATION MAP		
SCALE 1: 250000	LOCATION 93F	DATE NOV. 1, 1988
SURVEY BY D.B.	DRAWN BY A.C.	NO. Fig. 1

VANCAL – 14068

Open stands of jackpine, spruce, and aspen cover the area and underbrush is locally thick near marshy areas. Creeks are shallow and slow flowing.

Variable thicknesses of coarsely to poorly stratified till covers almost the entire claim area. The till physiographically forms drumlin and ridge - like features. The glacial direction is from the southwest to the north-northeast. Outcrop exposure is very poor, comprising less than 1% of the claim area. Local patches of outcroppings and residual rock occur along the lakeshore of Arrow Lake and in areas of elevated relief.

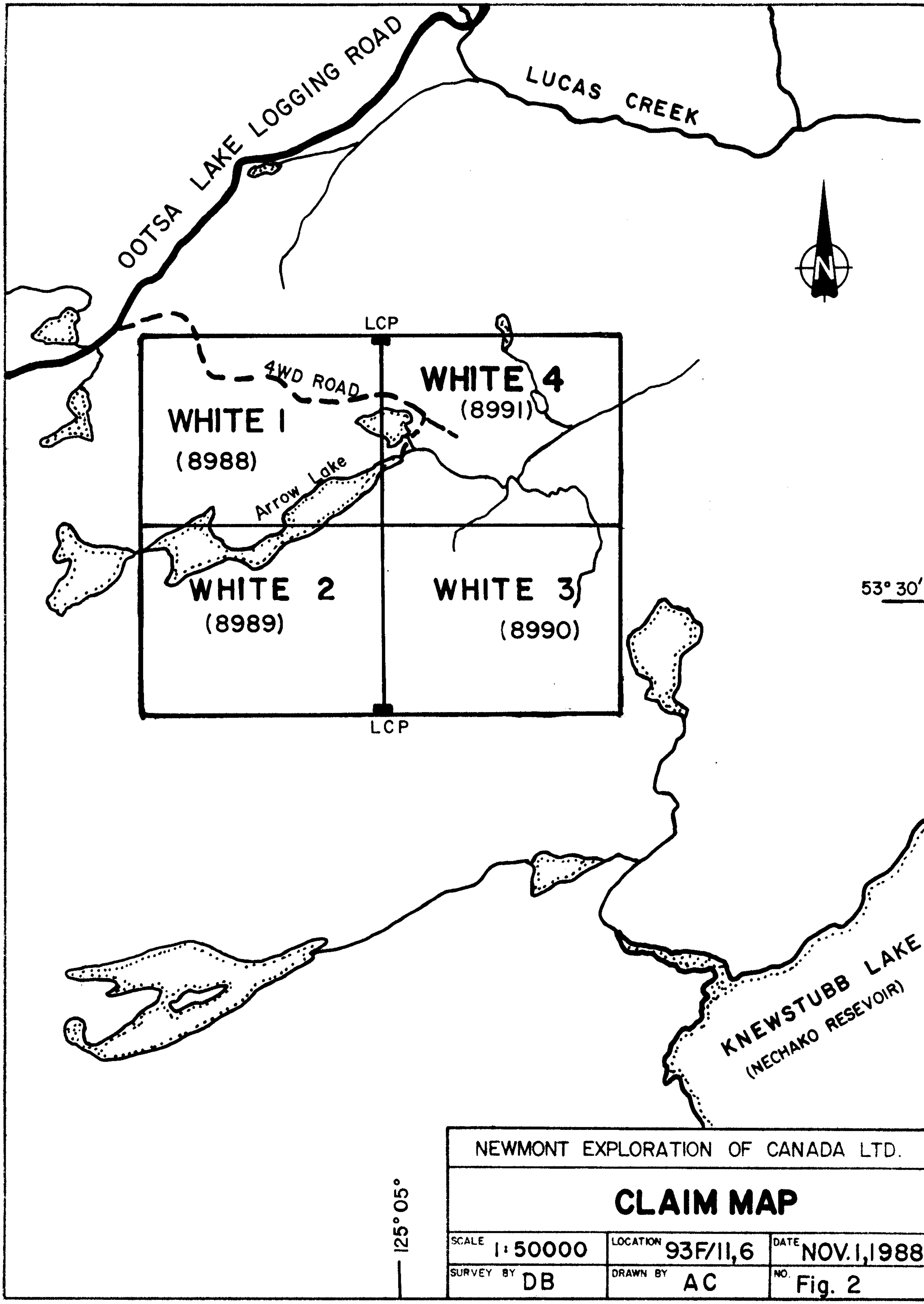
Claim Inventory

The WHITE property consists of 4 contiguous mineral claims recorded in the Omineca Mining Division (see Figure 2). For assessment purposes, the mineral titles were grouped as the WHITE Group. Details are as follows:

WHITE GROUP

Claim	No. of Units	Record Date	Record Number
White 1	20	Sept. 29, 1987	8988
White 2	20	Sept. 29, 1987	8989
White 3	20	Sept. 29, 1987	8990
White 4	20	Sept. 29, 1987	8991

The property consists of 80 claim units totalling about 2000 hectares (4942 acres) and is wholly owned by Newmont Exploration of Canada Limited.



NEWMONT EXPLORATION OF CANADA LTD.

CLAIM MAP

SCALE 1:50000	LOCATION 93F/11,6	DATE NOV. 1, 1988
SURVEY BY DB	DRAWN BY AC	NO. Fig. 2

Property History

The first major geologic survey conducted in the region was by H. W. Tipper of the G.S.C. between 1949 and 1953. Results of the Nechako River map-area survey are published in G.S.C. Memoir 324, dated 1963.

Reconnaissance field work was initially carried out by Newmont in the Nechako Range between July and August, 1986, after researching the available geological, geochemical, and geophysical data. Thematic mapping - landsat data, utilized for a fault-lineament interpretation study, was ordered for several map sheets for use on Newmont's image processing system. The integrated study cited favorable target areas for volcanic-hosted epithermal precious metal deposits near intersecting Late Cretaceous and Tertiary related structures. The Nechako River map sheet (93F) displayed the greatest concentration of lineaments and potential targets within the felsic volcanic flows of the Ootsa Lake Group.

Regional exploration in the Lucas Lake area conducted in 1986 was followed-up in 1987 by a 4-man field crew led by J. Nebocat. Newmont personnel discovered several float boulders of a stibnite-bearing quartz feldspar wacke/tuff in a logged clearing about 4 km NE of the WHITE 4 claim. After three days of prospecting, the source of the stibnite-bearing sandstone float was found along the lakeshore of Arrow Lake, some 7 km up-ice from a logged clearing. The WHITE claims were subsequently staked based on the widespread exposure of the altered stibnite zone and several intersecting structures recognized nearby. There is no published record or evidence on the ground of previous exploration work on the area now covered by the WHITE claim group.

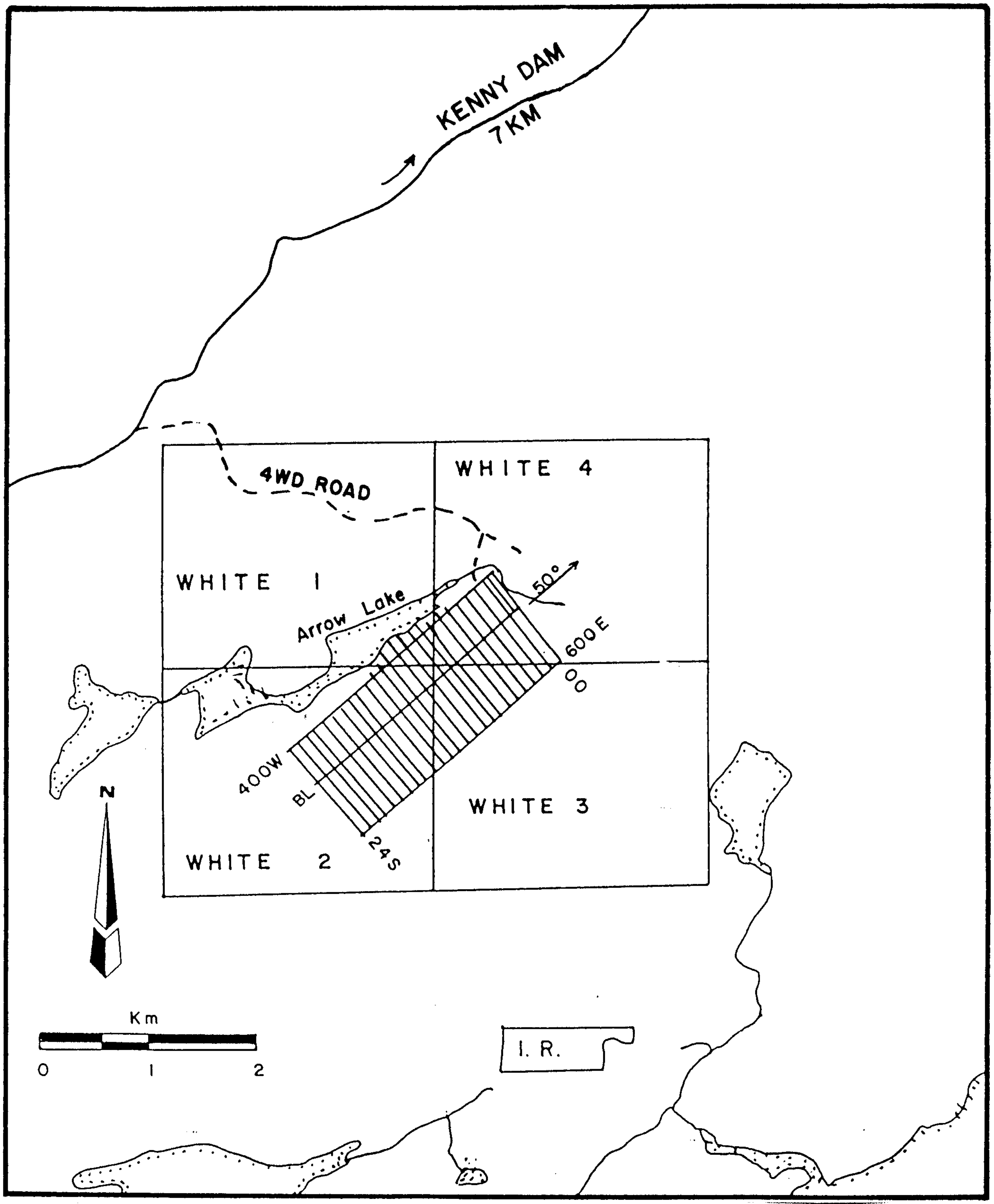
Summary of Work

Field work on the WHITE claim group was carried out during two periods. Between September 29 to October 13, 1987, the following work was done: prospecting, rock sampling, stream sediment sampling, and geological mapping. About 16 man-days were utilized in field work. A total of 23 rock samples and 5 silt samples were collected by J. Nebocat, H. Klatt and K. Atkins.

Between May 13 to September 29, 1988, the following field work was carried out by a 2 to 6 man crew led by D. Bohme: rock chip sampling, soil sampling, prospecting, geological mapping, hand trenching, a magnetic survey and a VLF resistivity survey. Field personnel included A. Campbell, K. Read, N. Singh, D. Anderson, C. Anderson, and J. Miller. A total of 165 man-days were spent on the property; a further 36 in office compilation and report preparation.

One-hundred and five rock samples and 317 soil samples were collected in 1988. A grand total of 128 rock samples, 317 soil samples and 5 stream sediment samples were taken on the WHITE claim group during the 1987-1988 field programs. All samples were analyzed for gold and 30 trace elements. No backhoe trenching work was undertaken on the property.

Grid lines were flagged and picketed over the entire grid for the geologic mapping, geophysical, and geochemical surveys (see Figure 3). Linecutting was required only in a few localities. A total of 27.9 km of grid line oriented at 140° AZ were laid out. Lines were spaced 100 metres apart and stations were marked at 25m intervals with 1m high orange spray-painted, lath pickets. Around the Gus Showing area, lines were spaced 50m apart and stations every 12.5m. All lines were compassed surveyed and slope corrected using a clinometer and chain.



NEWMONT EXPLORATION OF CANADA LTD.		
GRID LOCATION MAP		
SCALE 1:50000	LOCATION 93F/11,6	DATE NOV 1, 1988
SURVEY BY D.B.	DRAWN BY H.L.	NO. Fig. 3

The magnetic and VLF resistivity surveys were carried out by N. Singh and K. Read. A geophysical report prepared by H. Limion, Chief Geophysicist for Newmont Exploration of Canada Limited, is included in Appendix III. All data were plotted and contoured at 1:5,000 scale.

Geological mapping and geochemical values were plotted at 1:5,000 scale. Trench sites and showing areas were mapped at 1:500 scale. Some mapping was done by examining residual rock fragments in dug-out soil sample sites. A petrographic report of one mineralized specimen by C. H. B. Leitch of U.B.C., is included in Appendix I.

REGIONAL GEOLOGY

The regional geology underlying the Nechako Plateau can be separated into three major divisions: the Middle Jurassic Hazelton Group; the Upper Cretaceous to Eocene Ootsa Lake Group; and the Miocene and later Endako Group (Tipper, 1963). The WHITE claim group is underlain predominantly by felsic volcanics and minor sedimentary rocks belonging to the Upper Cretaceous to Mid-Tertiary Ootsa Lake Group. Cretaceous or Tertiary granitic plutons commonly intrude the Hazelton Group volcanic flows.

The Ootsa Lake Group overlies the intermediate volcanics comprising the Hazelton Group with angular unconformity. No Hazelton rocks were mapped on the property but large outcroppings of andesite porphyry were mapped as Hazelton just to the west-south west of the property. A quartz-monzonite intrusive plug occurs 2.5 km to the west of the WHITE 2 claim.

The Ootsa Lake Group is unconformably overlain by thick piles of Oligocene - Miocene Endako Group basalt to andesite flows. These lavas are flat-lying and are exposed throughout the region along major valleys and in areas of high relief.

PROPERTY GEOLOGY

Lithologies

Five lithological units were classified on the property (see Map 1). Three of these units are exposed on the grid and were mapped in more detail.

The Endako Group basalt and andesite (Unit 1) formed as massive to vesicular outcroppings usually at higher elevations. The flows are dark green to black in colour and may be fine-grained to coarsely porphyritic in texture. Only a few sub-angular boulders of basalt were found on the grid. Fine magnetite is disseminated throughout these rocks.

An epiclastic, arkose sandstone (Unit 2) was mapped along the shore of Arrow Lake. Typically in hand specimen the rock exhibits a light grey to black coloured aphanitic matrix and contains up to 60% white, clay altered feldspars, 10-20% grey quartz phenocrysts and 10-20% angular, cherty quartz or felsic volcanic fragments. Possible jarosite was observed in thin section. Thin bands of shale or dark siltstone are interbedded within the sandstone and occasionally contain small wood fossils.

Fracturing, brecciation and shearing were very common within this flat-lying sediment. The unit is locally well silicified. Intensely fractured zones carry fine to coarsely radiating masses of stibnite and fine pyrite within a dark grey chalcedonic quartz matrix.

To the southwest, a faulted contact suggests that the rhyolite overlies the broken-up sediment.

A light grey to buff-beige coloured, weakly flow banded rhyolite (Unit 3) outcrops in several areas on the grid. Less siliceous tuffs and flows are likely more dacitic in composition. Clear quartz eyes were occasionally noted along with fine hornblende and biotite. Rusty limonite, hematite and argillic alteration is locally widespread over several tens of metres. Fine pyrite, arsenopyrite and marcasite are associated with narrow chalcedonic quartz veinlets and occasionally within the bleached, siliceous matrix of the rhyolite. More resistant rhyolite exposures form local heights of elevated topography.

At the Gus Showing area, a weathered lithic tuff (Unit 4) lies in fault contact with the more resistant rhyolite exposures to the northeast. Angular lithic fragments include argillically altered felsic volcanics, white quartz and black chalcedonic quartz phenos and greenish andesite pieces cemented in a grey to rusty brown ash matrix. Individual clasts range in size from 1 to 8 millimetres. Outcroppings show a crumbly, rounded surface and a mottled grey to black weathering. The lithic tuff is moderately silicified near fault zones and breaks off in sub-conchoidal pieces.

Several large exposures of coarsely porphyritic latite flows and tuffs (Unit 5) occur on the southern and eastern margins of the claims. The latite is commonly fleshy pink to light grey in colour and contains rare quartz phenocrysts. Trachytic textures were sometimes noted.

Structure

The property area has been extensively dissected by block and transcurrent fault linears mainly evident on aerial or landsat photographs. Steeply dipping, northeast trending fault lineaments are interpreted to be truncating less pronounced east-west and northwest oriented faults. The intersections of these major faults has structurally prepared the ground for localized, high level, epithermal-style occurrences of hydrothermal alteration, veining and mineralization.

The local structural environment is dominated by two prominent landsat lineaments; one 050° AZ trending fault along Arrow Lake and another 095° fault truncating, the rhyolite/dacite volcanics to the north. The rhyolite/sandstone outcroppings hosting the <u>Arrow Lake Showing</u> are intensely sheared and fractured with a pseudo banding or foliation oriented subparallel to the regional linear trend and dipping steeply to the northwest. Bedding planes in the sandstone and shale strike about 100° and dip gently between 5-20° to the north. Restricted zones of intense fracturing within the sediment are pervasively silicified, brecciated, and mineralized.

In fault contact with, to the southwest, and overlying the arkosic sandstone, is a flat-lying, broken-up rhyolite. Tensional fault structures and fractures radiate outward generally perpendicular to the major NE trending lineament. Fracturing, shearing, and veining are near vertical and strike 165° to 15° AZ. A narrow zone of gossanous rhyolite tuff appears to have been downdropped by a series of block faults. Related alteration within the structurally-prepared ground extends along the strike for at least 600 metres before being masked by overburden cover.

The <u>Gus Showing</u> area displays several well silicified, brecciated, dilatant fault zone systems in close proximity to a major 085 - 095° AZ trending fault lineament.

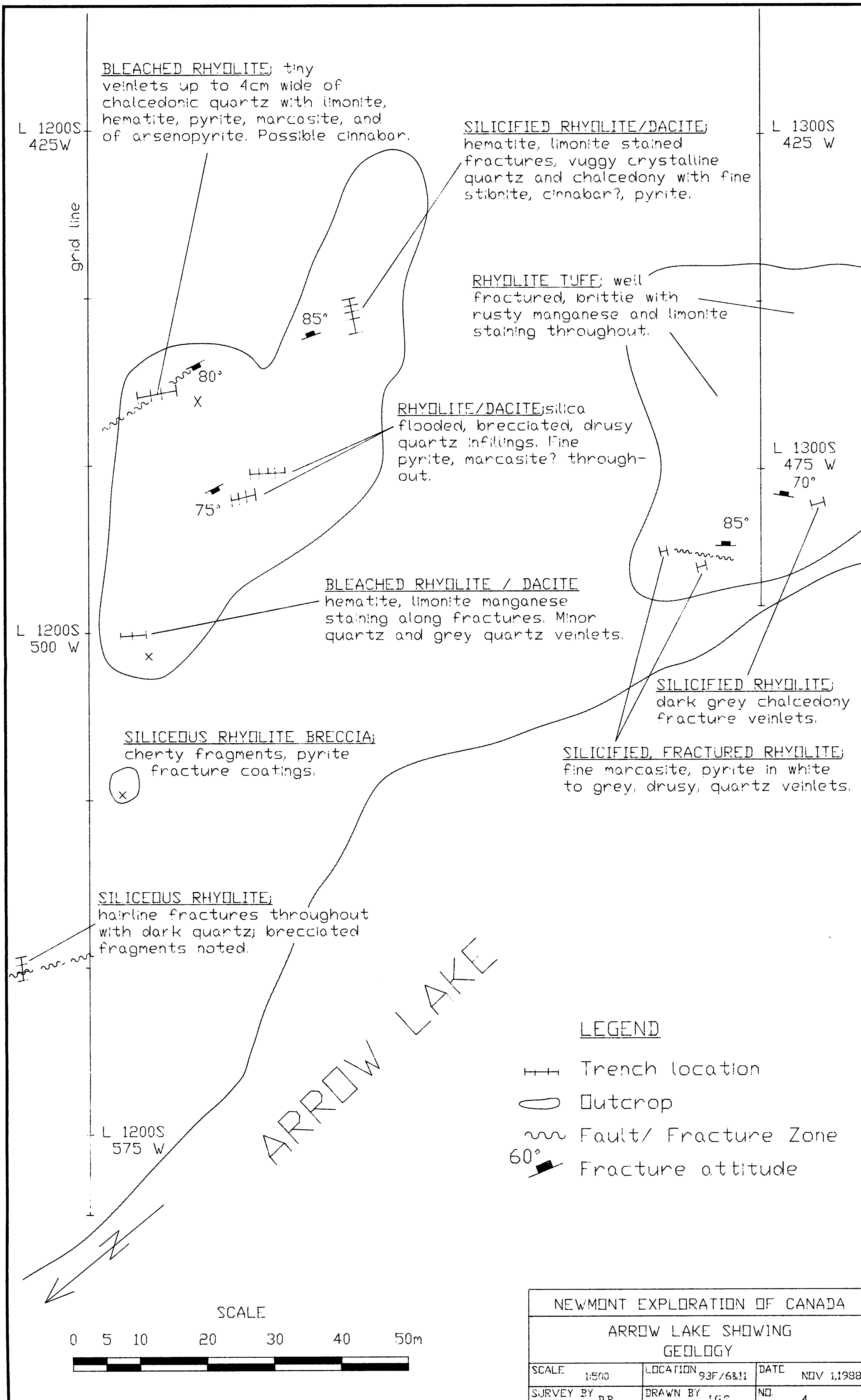
Fracturing, faulting and related veining generally show orientations between 30 - 45° AZ and dip between 65° to 85° to the southeast. Quartz veinlet density averages 1 per 10 - 20 centimetres. The fault contact between the fine-grained rhyolite and lithic tuff can be traced for 250m. Restricted zones of friable rock, gouge, and silicified breccia occur within both the lithic tuff and rhyolite units. Additional trenching is required to further evaluate the structural setting and related mineralization and alteration.

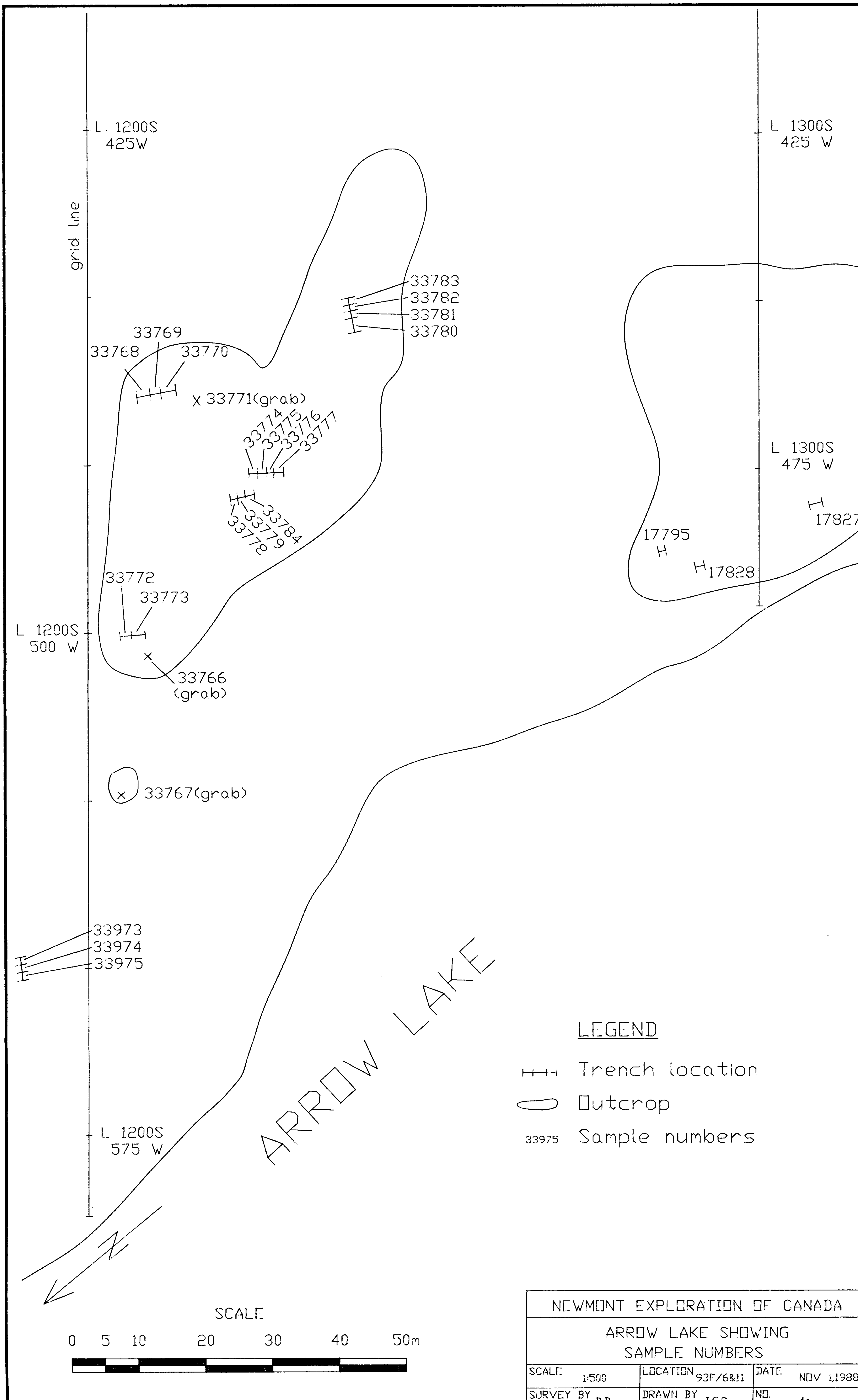
Flow banding or laminated textures in other rhyolite, dacite, or latite porphyry exposures are rare. Other recognizable fault lineaments were plotted and prospected but excessive drift cover masks the geologic evidence in most cases.

Mineralization and Alteration

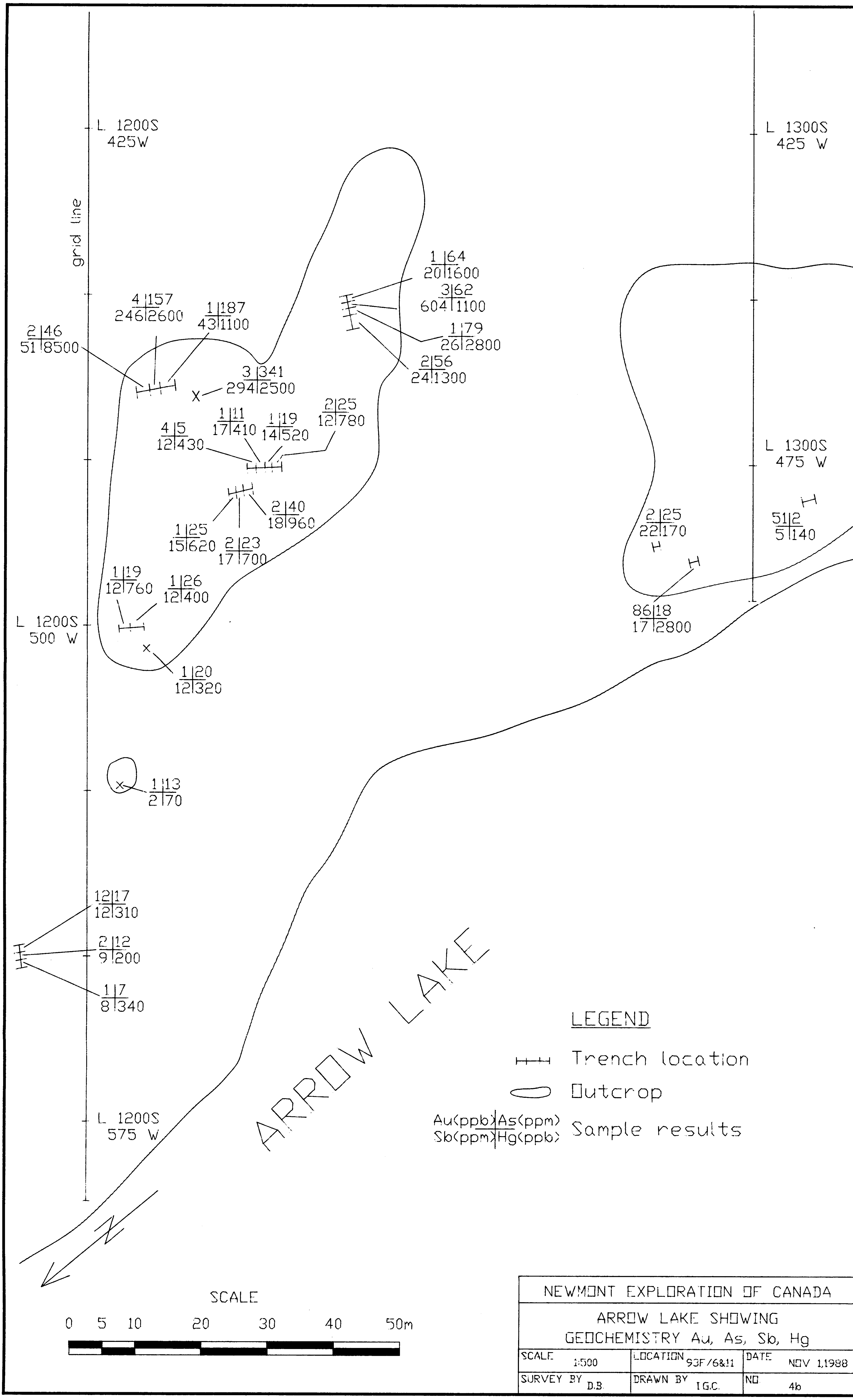
Erratic gold mineralization, along with variable amounts of pyrite, arsenopyrite, stibnite, cinnabar and marcasite, occurs in silicified breccia structures associated with major, transcurrent fault lineaments. Structurally-controlled, veined or silica-flooded replacement zones commonly carry anomalous As, Sb, and Hg pathfinder elements. Coinciding VLF resistivity highs are noted for both the Arrow Lake and Gus Showing areas.

At the Arrow Lake Showing, 5 hand trenches were excavated in siliceous rhyolite and 3 trenches were dug within silica-enriched zones of the arkosic sandstone (see Figures 4, 4a, 4b). Fine to coarsely bladed masses of stibnite occur in grey chalcedonic veinlets and siliceous breccia zones within the fractured sediment. Both the rhyolitic fragments in the breccia and the secondary chalcedonic quartz matrix are mineralized with stibnite. Sericite and jarosite alteration were observed in thin section. Very fine streaks of reddish-brown cinnabar were identified in hand specimens.


BLEACHED RHYOLITE; tiny veinlets up to 4cm wide of chalcedonic quartz with limonite, hematite, pyrite, marcasite, and of arsenopyrite. Possible cinnabar.
SILICIFIED RHYOLITE/DACITE; hematite, limonite stained fractures, vuggy crystalline quartz and chalcedony with fine stibnite, cinnabar?, pyrite.
RHYOLITE TUFF; well fractured, brittle with rusty manganese and limonite staining throughout.
RHYOLITE/DACITE; silica flooded, brecciated, drusy quartz infillings. Fine pyrite, marcasite? through-out.
BLEACHED RHYOLITE / DACITE hematite, limonite manganese staining along fractures. Minor quartz and grey quartz veinlets.
SILICEOUS RHYOLITE BRECCIA; cherty fragments, pyrite fracture coatings.
SILICIFIED RHYOLITE; dark grey chalcedony fracture veinlets.
SILICIFIED, FRACTURED RHYOLITE; fine marcasite, pyrite in white to grey, drusy, quartz veinlets.
SILICEOUS RHYOLITE; hairline fractures throughout with dark quartz; brecciated fragments noted.
L 1200S 425W
L 1300S 425 W
L 1300S 475 W
L 1200S 500 W
L 1200S 575 W
grid line
85°
80°
75°
70°
85°
ARROW LAKE
N
LEGEND
Trench location
Outcrop
Fault/ Fracture Zone
60° Fracture attitude
SCALE
0 5 10 20 30 40 50m
NEWMONT EXPLORATION OF CANADA
ARROW LAKE SHOWING
GEOLOGY
SCALE 1:500
LOCATION 93F/6&11
DATE NOV 1,1988
SURVEY BY D.B.
DRAWN BY I.G.C.
NO. 4



L. 1200S
425W
L 1300S
425 W
grid line
33783
33782
33781
33780
33769
33768
33770
X 33771(grab)
33774
33775
33776
33777
33784
33779
33778
L 1300S
475 W
17827
17795
17828
33772
33773
L 1200S
500 W
33766
(grab)
33767(grab)
33973
33974
33975
ARROW LAKE
LEGEND
Trench location
Outcrop
33975 Sample numbers
L 1200S
575 W
N
SCALE
0 5 10 20 30 40 50m
NEWMONT EXPLORATION OF CANADA
ARROW LAKE SHOWING
SAMPLE NUMBERS
SCALE 1:500
LOCATION 93F/6&11
DATE NOV 1,1988
SURVEY BY D.B.
DRAWN BY I.G.C.
NO. 4a


L 1200S 425W
grid line
L 1300S 425 W
L 1300S 475 W
L 1200S 500 W
L 1200S 575 W
ARROW LAKE
LEGEND
Trench location
Outcrop
Au(ppb) As(ppm) Sb(ppm) Hg(ppb) Sample results
SCALE
0 5 10 20 30 40 50m
NEWMONT EXPLORATION OF CANADA
ARROW LAKE SHOWING
GEOCHEMISTRY Au, As, Sb, Hg
SCALE 1:500
LOCATION 93F/6&11
DATE NOV 1,1988
SURVEY BY D.B.
DRAWN BY I.G.C.
NO 4b

The bleached, pyritiferous, locally intensely silicified rhyolite outcrops to the southwest of the sediment and carries elevated values in Hg, Sb, As, and Ba and minor gold. White vuggy quartz infillings, irregular chalcedonic quartz veinlets and narrow breccia zones generally trend NE, subparallel to the major fault lineament along Arrow Lake. Patchy, fine to medium-grained sulfides include arsenopyrite, pyrite, marcasite, stibnite and cinnabar.

Vein mineralization around the Arrow Lake Showing area is restricted to a 600m long by 10 to 150m wide zone of structurally prepared felsic volcanic/sedimentary host rocks. The character of the veining and mineralization, accompanied with enhanced amounts of Hg, As, Sb, and Ba, are signs of an epithermal environment.

Gold mineralization at the Gus Showing is proximally related to a major east-west fault lineament and associated dilatant faults and fractures (see Map 4). Persistant prospecting over a 300m by 200m local height of land with small outcroppings and thin, but extensive overburden, eventually turned-up this new discovery. About 10 hand trenches were excavated in the area up to 0.6 metres deep.

The competent, fine-grained, rhyolite host has been locally shattered and brecciated by faulting and re-cemented by dark grey/black chalcedonic quartz. The transcurrent fault lineament defines the rhyolite-lithic tuff contact. The poorly exposed fault contact shows adjacent brecciation and chalcedonic silicification in trenches exposing both rock types. Breccia fragments are typically 1 - 3 cm long and quite bleached.

Well-developed tensional fracturing is exposed in several hand-trenches excavated peripheral to the fault lineament. Milky white to transluscent to vitreous black chalcedonic quartz veinlets, up to 2 cm wide, occasionally form weak stockworks. Contact margins of the veinlets are very sharp. Discontinuous bands of grey to white quartz were noted in a few hand specimens.

Drusy, vuggy, colloform, and sugary textured quartz veinlets were observed in a network of up to 2 - 3 veinlets per 0.1 metre. At least 2 stages of veining are evident. Individual veinlets may carry significant amounts of sulfides, mainly arsenopyrite and pyrite. Crosscutting limonite and hematite fracture coatings were often noted. Carbonate alteration is weak to moderate.

At the Gus Showing, the best mineralized extensional fault structure pinches and swells between 0.6 and 1.0m wide and typically displays friable gouge, crackle breccia, argillic alteration, adjacent bleaching, fine sulfide disseminations and fracture coatings and irregular, wedge-like chalcedonic quartz veining and open space replacement. Sulfides, mainly arsenopyrite and stibnite, occur as fine disseminations within the darker silica matrix, as sporadic clusters in a shattered matrix or as fine hairline fracture coatings. Recognition of fine granular masses of acicular (needle-like) arsenopyrite requires careful examination. Radiating aggregates of blue-grey stibnite crystals, up to 2 - 3 cm long, extend along the margins of the fault zone into the bleached wallrock. Between 1 - 3% sulfides are noted in selected hand specimens laced with arsenopyrite and lesser amounts of pyrite and marcasite.

Hand trenching peripheral and along strike of the fault towards the baseline varified erratic occurrences of fault breccia, bleaching, quartz flooding and fine sulfides. A significant occurrence of patchy, bladed stibnite was uncovered in the hand trench at line 2050S + 10W. Other sulfide-bearing, chalcedonic quartz, fault-related mineralized zones likely exist in the Gus Showing area. Mechanized trenching would be necessary to permit adequate geologic evaluation of the structures at surface.

GEOCHEMISTRY

All soil, stream sediment, and rock chip samples were prepared and analyzed by Acme Analytical Laboratories Ltd., in Vancouver, B.C. All of the soils were analyzed for gold and 30 element inductively coupled argon plasma (ICP) analysis. The majority of rock samples were sent for Au, Hg and 30 element ICP analysis. A grand total of 128 rock samples, 5 silt samples, and 317 soil samples were collected during the 1987 and 1988 exploration programs.

Sample locations were plotted for the entire data set. All the significant Au, Ag, As and Sb geochemical results for the rock and soil samples were plotted. Results for the silt samples were very low and therefore not plotted. No samples were fire assayed for gold or silver.

Field Procedure

Selected areas were soil sampled based on the occurrence of residual rock, float or outcrop noted nearby. Soil samples were collected every 25 metres except within marshy or clay-rich depressions. Samples were taken at 12.5 metre intervals over the Gus Showing area.

Soils in the region are poorly developed podzols. In many areas the whitish, leached A_2 horizon and the reddish brown, enriched B horizon is absent to very poorly developed. Based on 4 pits dug on the grid, the glacial till varies between poorly sorted porous gravels to thick, stratified clay and gravel layers.

Standard soil sampling techniques were used on the geochemical survey. At each sample point a hole was dug with a mattock or shovel to a depth of at least 15 centimetres. With the aid of a trowel, a soil sample was then taken from the bottom of the hole and placed in a numbered 9 x 15 cm Kraft paper envelope. Organic material in the samples were usually less than 10%. The stream sediment samples were also taken with the use of a trowel.

The majority of the rock samples were taken with either a moil or a chisel and a 2 lb hammer. Sampled widths were marked by two lines spray painted perpendicular to the sample line. The perimeter of panel samples were also marked with spray paint. Rock sample weights were about 1 to 2.5 kilograms.

Laboratory Procedure

Silt and soil samples were dried in their envelopes and sieved to obtain a -80 mesh fraction. Then 0.5 gram sample is digested in 3 ml of 3:1:2 $HCl-HNO_3 - H_2O$ solvent at 95 C for one hour and is then diluted to 10 ml with water. The digested sample is analyzed for 30 elements by inductively coupled argon plasma method. This leach is partial for Mn, Fe, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K, and Al.

For Hg, a 0.5G sample is digested with aqua regia and diluted with 20% HCl. Hg in the solution is determined by cold vapour AA using a F & J scientific Hg assembly. An aliquot of the extract is added to a stannous chloride/hydrochloric acid solution. The reduced Hg is swept out of the solution and passed into the Hg cell where it is measured by atomic absorption spectrophotometer.

A 0.25g sample is used for F determination. The sample is fused with sodium hydroxide and leached with 10 ml water. The solution is neutralized, buffered, adjusted to pH 7.8 and diluted to 100 ml. Fluorine is determined by Specific Ion Electrode using an Orion Model 404 meter.

For Au, a 10g sample is ignited at 600° C and digested with 30 mls hot dilute aqua regia. Then 75 mls of clear solution is extracted with 5 mls Methyl Isobutyl Ketone. Gold is determined in the acid leach MIBK extract by graphite furnace Atomic Absorption analysis to a 1 ppb detection limit.

Rock samples were pulverized to -100 mesh, and analyzed using the same procedures outlined above. For Au, however, the 10 gram sample is preconcentrated using fire assay techniques and finished by Atomic Absorption analysis.

Rock and Soil Geochemistry - Results and Interpretation

With the aid of Newmont's IBM computer Autocad program system and Calcomp 965 plotter, three maps were produced of the Arrow Lake Showing at 1:500 scale. Sample locations and results for the Gus Showing were drafted at 1:500 scale (see Maps 5, 6, 7). Property maps showing rock, soil and silt sample locations were drafted at 1:5000 scale (see Maps 2, 3).

Soil geochemical data for 6 elements were statistically analyzed using Newmont's statistics computer program. No statistics were compiled for the rock or stream sediment results. A summary of the soil results are shown in the following table:

WHITE Grid - population 317

	Low	High	Mean	Threshold Value (95th Percentile)
Au (ppb)	1	75	2.3	4
Ag (ppm)	0.1	0.6	0.13	0.4
As (ppm)	2	451	15	96
Sb (ppm)	2	581	8	78
Ba (ppm)	39	228	72	146
Zn (ppm)	18	432	58	166

Of all the elements analyzed, arsenic and antimony show the most positive correlation. Both elements exhibit strong anomalies over structure - related mineralization on the Gus and Arrow Lake Showing areas. Barium and zinc also display a positive association. Local highs of barium are likely associated with carbonate altered felsic volcanics.

Gold anomalies are extremely spotty and are quite weak over the showing areas. Most of the spot anomalies investigated turned-out to be clayey tills with no residual rock present. Two anomalies of 21 and 27 ppb Au occur over the Arrow Lake Showing. Soil sampling at 12.5m intervals over the Gus Showing verified the very poor dispersion of gold in the glacial derived soils. A high of 7 ppb Au was obtained over the best mineralized structure on the Gus Showing. Silver values on the grid as whole, are extremely low.

At the Arrow lake Showing, rock sampling from the stibnite - bearing altered sandstone returned negligible gold - silver results. Highly anomalous Hg, Sb, and As ranged between 6200-28000 ppb, 660-21821 ppm, and 21-598 ppm, respectively. The pyritiferous, fractured rhyolite to the southwest also exhibits elevated Hg, Sb, and As. Out of 25 rock samples collected from the area two separate samples ran 51 and 86 ppb Au. Indicator elements show up to 8500 ppb Hg, 604 ppm Sb, 341 ppm As, and 239 ppm Ba. Trace element geochemical anomalies are associated with structures cutting through both the arkosic sandstone and rhyolite.

At the Gus Showing, a total of 74 rock and 65 soil samples were collected from a 250 x 250m area, mostly from narrow trenches. Results are generally encouraging. Of the 30 panel chip samples averaging 0.5 by 0.5 metres in area, twelve assayed between 43-795 ppb Au, 0.3-1.5 ppm Ag, 144-8452 ppm As, 141-26626 ppm Sb and 1500-22000 ppb Hg. A separate trench across the fault zone averaged 450 ppb Au, 1.0 ppm Ag, 5562 ppm As, and 9169 ppm Sb and 14167 ppb Hg over 1.2 metres. Other elements such as Mo, Zn, and Ba show discrete, but positive correlations. Several other surface grab samples near the fault - lineament area ranged between 32-285 ppb Au, 697-4307 ppm As, 37-189 ppm Sb and up to 8200 ppb Hg.

Elevated values in Au also occur along the east-west strike of the fault - lineament, particularly near line 2050S + 10 west. A shallow hand trench turned up 76 ppb Au over 3.2 metres. Trace elements ranged between 610-11400 ppb Hg, 29-16896 ppm Sb, 261-1828 ppm As and 3-26 ppm Mo. Overburden appears to be quite thick peripheral to the Gus Showing area, therefore, additional soil sampling and manual trenching was not considered.

Sampling elsewhere off the grid did not turn-up any significant results. A float sample on the WHITE 1 claim of an aphanitic, bleached rhyolite ran 655 ppm Ba, the highest barium value obtained on the property. A quartz-pyrite veined altered rhyolite observed in float along the road on the WHITE 4 claim did not yield any significant gold. Drift cover throughout the claim area is extensive and only a few random areas could be explored by manual trenching, prospecting and sampling of residual rock.

CONCLUSION

The WHITE claims are predominantly underlain by a suite of gently dipping, subaerial felsic volcanic tuffs, flows, pyroclastics and sediments of the Ootsa Lake Group that have been locally intensely fractured by major NE and E trending fault-lineaments and intersecting N, NW and NE trending dilatant fault structures. Mineralization shows a strong spatial relationship to fracturing and brecciation. Hydrothermal alteration is pronounced in structurally-controlled zones.

At the Arrow Lake Showing, highly anomalous Hg, Sb and minor As are distributed along a series of subvertical faults that have been locally silicified. Scattered zones of drusy, vuggy quartz veinlets and open-space chalcedonic quartz flooding carry significant amounts of stibnite, pyrite, marcasite and cinnabar. The structurally-controlled zones of hydrothermal alteration and the corresponding geochemical indications are characterized as leakage in a high level epithermal environment.

At the Gus Showing, several poorly exposed fault zones are interpreted as conduits which fed hydrothermal solutions to the structurally prepared rhyolite and lithic tuff hosts. Gold mineralization, up to 795 ppb, occurs in narrow breccia stockworks and vein fracture fillings. Veins and silicified zones are predominantly composed of dark grey chalcedonic to translucent quartz with very fine arsenopyrite and pyrite disseminated sporadically throughout. Coarse aggregates of stibnite occur both within the rhyolite and lithic tuff breccia and the adjacent bleached, kaolinized wallrock. In general, the structural setting, locally intense brecciation, quartz and chalcedonic quartz open-space filling, fine-grained sulfide mineralogy, anomalous geochemical indicators and the erratic gold mineralization represent evidence of a high-level epithermal system. Addition work may define a more extensive, hydrothermally altered, target area.

Soil geochemistry displayed anomalous As, Sb and spotty gold over the showing areas. With the exception of As, detailed soil sampling over the Gus Showing verified that very erratic and narrow dispersion widths for Au and other trace elements is typical for this environment. Several spot gold anomalies in glacial till covered areas remain unexplained.

Outcrop exposures show VLF resistivity highs. Areas of thick overburden covering much of the property appear to have severely limited the effectiveness of the VLF resistivity and magnetic surveys.

RECOMMENDATIONS

Based on the results of the 1987 - 1988 exploration program, the following exploration work is recommended for the WHITE claim group:

1. A petrographic - mineralogic study is recommended on selected hydrothermally altered samples. Detailed x-ray diffraction, x-ray fluorescence, and SEM analyses may be necessary to help determine the alteration assemblage and level in the Cordilleran-type epithermal model.

2. A minimum of 50 overburden plugger drill holes in order to sample residual soil peripheral to bedrock in deep overburden covered areas. Sampling targets should include areas along strike of known structures and discrete soil or angular float anomalies.

3. Extensive backhoe trenching is warranted on the rhyolite exposures along Arrow Lake and the 250 by 250m area known as the Gus Showing. Careful assessment of the mineralization, hydrothermal alteration and structural controls may establish drill targets. Spot soil geochemistry and VLF resistivity anomalies may warrant some trenching.

4. Dependent upon encouraging results of the preceding work, a 2500 ft NQ core diamond drill program is recommended on the best target area. Mineralization and hydrothermal alteration at the Gus Showing currently displays the most favourable test area for drilling.

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — D. M. BOHME

Dennis M. Bohme, P. Eng.

VANCOUVER, B.C.
December 19, 1988

REFERENCES

Nebocat, J. (1987): Progress report on the Ootsa Survey - 1987, Newmont Exploration of Canada Limited, Company Report.

Tipper, H. W. (1963): Nechako River Map Area, B.C. Geological Survey of Canada, Memoir 324.

COST STATEMENT

1. PERSONNEL

1987

J. Nebocat Project Geologist	Sept. 29, 1987 - Feb. 26, 1988 9 days @ $153.67/day	$ 1,383.03
K. Atkins Geologist	Sept. 29, 1987 - Oct. 13, 1987 4 days @ $124.61/day	498.44
H. Klatt Geologist	Sept. 29, 1987 - Oct. 13, 1987 4 days @ $112.14/day	448.56

1988

D. Bohme Project Geologist	Feb. 24, 1988 - Sept. 29, 1988 26 days @ $145.83/day	3,791.58
A. Campbell Geologist	Apr. 25, 1988 - Sept. 29, 1988 28 days @ $117.50/day	3,290.00
N. Singh Geophyscist	May 10, 1988 - July 20, 1988 15 days @ $117.50/day	1,762.50
H. Limion Chief Geophysicist	Sept. 1, 1988 - Sept. 3, 1988 2 days @ $234.40/day	468.80
J. Miller Geologist	May 29, 1988 - Aug. 25, 1988 13 days @ $115.00/day	1,495.00
K. Read Helper	May 11, 1988 - July 16, 1988 14 days @ $87.49/day	1,224.86
B. Howard Cook	May 11, 1988 - Sept. 29, 1988 34 days @ $115.00/day	3,910.00
D. Anderson Helper	May 13, 1988 - Sept. 29, 1988 27 days @ $75.00/day	2,025.00
C. Anderson Helper	May 13, 1988 - Sept. 29, 1988 30 days @ $77.50/day	2,325.00

$ 22,622.77

2. TRANSPORTATION

Van Rental	5 vehicle days @ $43.00/day	$ 215.00	
Toyota 4x4 pick-up truck	5 vehicle days @ $65.00/day	325.00	
3/4 ton Pick-up rental 4x4	25 vehicle days @ $51.00/day	1,275.00	
4x4 Bronco rental	30 vehicle days @ $46.00/day	1,380.00	
4x4 suburban	7 vehicle days @ $85.00/day	595.00	
Air Fare to - from Vancouver/Prince George		200.00	**3,990.00**

3. MEALS AND GROCERIES

Meals	$ 608.10	
Groceries	4,710.51	**5,318.61**

4. ACCOMMODATION

Hotels	**520.27**

5. CAMP COSTS

Communications	$ 223.00	
Lumber, hardware, equipment	1,177.30	
Fuel for stoves, heater, etc.	169.20	**1,569.50**

6. FUEL

Gasoline for vehicles	**1,661.65**

7. GEOCHEMICAL CHARGES

1987

19 rock samples for Au, Hg + 30 element ICP @ $17.00/sample	$ 323.00	
4 rock samples for Au, Hg, F + 30 element ICP @ $21.25/sample	85.00	
5 silt samples for Au, Hg, F + 30 element ICP @ $17.50/sample	87.50	

1988

101 rock samples for Au + 30 element ICP @ $15.25/sample	1,540.25	
4 rock samples for Au, Hg + 30 element ICP @ $17.75/sample	71.00	
317 soil samples for Au, Hg + 30 element ICP @ $11.60/sample	3,677.20	**5,783.95**

8. INSTRUMENT COSTS

Magnetometer	4 days @ $30.00/day	$ 120.00	
VLF-Resistivity Instrument	7 days @ $25.00/day	175.00	
Toshiba field computer	5 days @ $21.00/day	105.00	**400.00**

9. CONTRACT WORK

Petrographic Report	**50.00**

10. FIELD SUPPLIES

Flagging, bags, tools, misc. equipment, etc.	$ 845.75	
Freight + shipping	237.50	**1,083.25**

- 30 -

11. REPORT PREPARATION

Reproductions, maps	$ 200.00	
Typing, copying, drafting	1,200.00	
Computer plotting	200.00	1,600.00
TOTAL		**$44,600.00**

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
DENNIS M. BOHME

Dennis M. Bohme, P. Eng.

STATEMENT OF QUALIFICATIONS

I, Dennis Martin Bohme, of the City of Vancouver, in the Province of British Columbia, do hereby certify that:

1. I am a graduate of the British Columbia Institute of Technology with a Diploma in Mining Technology, 1980.

2. I am a graduate of the Montana College of Mineral Science and Technology, in Butte, Montana, with the degree of Bachelor of Science in Geological Engineering, 1985.

3. I have been employed in mining exploration as a technician and a geological engineer with Newmont Exploration of Canada Limited from May 1980 to present, except for 18 months when I was attending university.

4. I personally carried out and supervised much of the work described in this report.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
DENNIS M. BOHME

Dennis M. Bohme, P. Eng.

APPENDIX I

SAMPLE 14535: HIGHLY MINERALIZED BRECCIA

Dark grey to black silicic breccia with abundant bladed stibnite, which explains the Sb geochemistry (1.9%). No obvious reason is apparent for the anomalous Hg, although it would not be unexpected in such an epithermal environment. Fragments in the breccia consist mostly of tan felsic volcanics, also mineralized with small grains of stibnite. In polished thin section, the mineralogy observed is:

Quartz (phenocrysts)	10%
(groundmass, largely secondary)	50%
Sericite	15%
Feldspar (alkali)	5%
Stibnite	15%
Jarosite(?)	5%
Zircon	tr

The lithic fragments of the breccia are mainly felsic volcanics, with fine (up to 1 mm) clear quartz eyes and shards plus sericitized remnants of feldspars, set in an almost glassy tan groundmass that may be composed of quartz and alkali feldspar in the sub- 5 micron size range, impossible to identify microscopically. Patches of stibnite are generally surrounded by chalcedonic, radiating aggregates of secondary quartz (white in hand specimen) as grains up to 0.1 mm long.

Quartz crystals in this rock have the same curving limonite lined fractures seen in other volcanics from the peralkaline volcanies of the Ilgachuz Range. Feldspars were probably alkali, as in 14258, but have been altered beyond recognition in this sample. A few patches are altered to a bright yellow mineral with the high relief characteristic of jarosite. Jarosite would be expected in this environment, and indicative of epithermal mineralization, but this can only be considered to be a tentative identification without X-ray data.

Stibnite forms bladed to massive irregular masses up to a centimeter across, showing distinct anisotropism from tan to grey-blue. The deformation twinning so characteristic of stibnite is absent, however. It also occurs as minute needles as small as a few microns in the groundmass, and as small irregular grains in veins.

This is a strongly mineralized rock; both the primary volcanic textures and the character of the mineralization indicate a high level in an epithermal system.

Craig H. B. Leitch, P. Eng.

May 10, 1988.

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

SEP - 4 1987

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-ROCK P2-SILT AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMLESS AA. F - NAOH FUSION - SPECIFIC ION ELECTRODE ANALYSIS

DATE RECEIVED: AUG 26 1987 DATE REPORT MAILED: Sept 4/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

NEWMONT EXPLORATION PROJECT-337 File # 87-3652 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	HG PPB	F PPM
R-14535	1	2	2	21	.1	4	1	20	.42	20	5	ND	2	7	1	19143	2	2	.02	.003	5	2	.01	47	.01	2	.21	.01	.02	1	1	11200	
R-14536	1	2	8	35	.1	3	1	41	.41	18	5	ND	2	8	1	1425	2	2	.02	.004	7	3	.01	43	.01	2	.28	.01	.01	1	2	10000	
R-14537	1	3	13	14	.3	2	1	22	.75	598	5	ND	4	14	1	4444	2	2	.02	.004	7	2	.01	36	.01	3	.29	.01	.05	1	11	7200	
R-14538	1	2	2	9	.6	4	1	48	.75	2	5	ND	1	12	1	21821	2	1	.03	.002	2	2	.01	16	.01	2	.02	.01	.02	1	4	28000	
R-14546	1	2	10	14	.1	1	1	26	.36	35	5	ND	2	22	1	209	4	3	.01	.005	10	2	.01	39	.01	8	.36	.01	.04	1	1	9200	
R-14547	1	2	5	12	.1	2	1	21	.42	34	5	ND	3	8	1	1133	2	2	.01	.004	9	4	.01	28	.01	7	.31	.01	.04	1	1	8100	
R-14548	1	2	10	25	.2	3	1	39	.44	49	5	ND	3	6	1	3364	2	2	.01	.004	7	3	.01	22	.01	2	.28	.01	.03	1	1	5600	
R-14549	1	2	6	40	.1	2	1	24	.27	13	5	ND	4	14	1	5712	2	3	.03	.003	8	2	.01	40	.01	2	.39	.01	.05	1	2	3800	
R-14550	2	2	10	23	.2	2	1	24	.37	19	5	ND	3	13	1	529	2	3	.02	.005	9	3	.01	38	.01	2	.34	.01	.04	1	1	9500	
R-17790	2	2	12	33	.1	3	1	42	.46	26	5	ND	2	11	1	4551	2	3	.02	.005	7	4	.01	58	.01	15	.29	.01	.03	1	1	9800	
R-17791	1	2	6	22	.1	3	1	30	.39	13	5	ND	1	8	1	8765	2	1	.02	.003	6	3	.01	29	.01	8	.26	.01	.03	1	1	6200	
R-17792	1	1	6	32	.4	3	1	41	.33	29	5	ND	3	7	1	2156	2	1	.01	.003	7	2	.01	32	.01	10	.27	.01	.02	1	1	10400	
R-17793	1	2	3	24	.1	3	1	41	.41	18	5	ND	2	7	1	2592	2	1	.01	.002	7	3	.01	86	.01	2	.29	.01	.02	1	2	7600	
R-17794	1	1	13	29	.1	2	1	27	.26	21	5	ND	4	8	1	1569	2	1	.01	.003	10	1	.01	35	.01	2	.29	.01	.02	1	2	11000	
R-17823	11	4	11	82	.1	5	3	1479	2.99	7	5	ND	2	79	1	22	2	3	.93	.037	3	3	.36	41	.01	13	.28	.03	.12	1	1	340	
R-17824	2	1	5	24	.3	3	1	66	1.08	3	5	ND	2	4	1	21	2	1	.02	.003	10	4	.01	24	.01	12	.37	.01	.11	1	34	930	
R-17825	2	1	2	18	.2	2	1	51	.59	53	5	ND	3	12	1	19	2	1	.04	.003	21	2	.01	129	.01	4	.27	.01	.13	1	26	1200	
R-17827	2	2	4	29	.2	2	1	83	.73	2	5	ND	4	3	1	5	2	1	.01	.007	16	1	.01	21	.01	5	.25	.01	.16	1	51	140	
R-17828	2	1	8	40	.7	2	1	96	1.11	18	5	ND	4	5	1	17	2	1	.01	.004	23	1	.01	40	.01	4	.31	.01	.13	1	86	2800	
R 17829	4	5	4	32	.1	1	1	135	1.93	10	5	ND	1	26	1	9	2	2	.01	.008	2	1	.01	28	.01	6	.40	.01	.09	1	1	1300	150
R17817	1	41	16	157	.2	63	27	2183	9.51	2	5	ND	6	131	1	2	2	113	1.11	.187	32	84	.21	124	.05	5	.92	.17	.10	1	2	10	560
R 17795	5	7	12	34	.1	1	1	99	.67	25	5	ND	1	8	1	22	2	1	.01	.003	14	1	.01	50	.01	8	.21	.01	.11	2	2	3300	170
R 17796	2	7	2	84	.1	9	12	658	5.22	4	5	ND	4	10	1	2	3	32	.14	.096	19	2	.05	56	.01	15	.49	.04	.16	1	1	2300	320
2981	2	12	9	63	.1	14	8	672	2.55	5	5	ND	4	46	1	2	4	38	.52	.086	22	17	.58	74	.08	3	1.02	.05	.08	1	1	70	440
2982	2	17	8	37	.1	9	4	322	1.59	2	5	ND	3	56	1	2	2	32	.59	.063	17	14	.41	96	.04	3	1.15	.03	.05	1	1	30	310
3405	2	20	7	115	.2	21	18	2033	5.48	7	5	ND	5	68	1	2	2	64	.65	.105	19	20	.34	181	.04	2	1.96	.05	.11	1	1	40	550
3406	1	17	2	65	.1	14	8	953	3.20	5	5	ND	3	71	1	2	2	34	.87	.129	23	24	.24	93	.03	2	.93	.04	.07	1	1	90	600
3407	2	12	12	50	.1	5	6	3072	2.64	10	5	ND	5	60	1	2	2	23	.47	.064	30	13	.25	166	.02	5	.75	.04	.09	1	1	220	510

APPENDIX II

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

OCT 11 1988

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMLESS AA.

DATE RECEIVED: OCT 3 1988 DATE REPORT MAILED: Oct 7/88 ASSAYER. C. Leong ..D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

NEWMONT EXPLORATION LTD. PROJECT 334 File # 88-4939 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Hg PPB
33459	4	2	4	11	.1	1	1	33	.59	56	5	ND	2	7	1	6	2	1	.04	.004	6	1	.02	46	.01	7	.28	.01	.14	1	3	-
33460	2	4	10	8	.3	1	1	32	.57	1585	5	ND	1	14	1	68	2	1	.02	.006	2	2	.01	76	.01	6	.17	.01	.10	1	52	-
R 33486	2	3	12	11	.1	1	1	65	.52	92	5	ND	2	6	1	20	2	1	.04	.006	10	1	.02	92	.01	6	.22	.01	.14	1	33 -	
R 33489	2	3	18	16	.1	1	1	21	1.05	67	5	ND	1	21	1	2	2	1	.04	.015	3	1	.01	54	.01	5	.32	.01	.19	1	1	
R 33765	1	3	8	92	.1	1	1	292	2.59	20	5	ND	4	7	1	12	2	1	.05	.010	34	2	.02	81	.01	2	.35	.01	.20	1	1	320
R 33767	1	19	12	75	.1	5	11	1063	4.31	13	5	ND	1	78	1	2	2	27	1.54	.066	9	6	.33	239	.01	4	2.19	.06	.23	1	1	70
R 33768	4	1	13	4	.1	2	1	30	.97	46	5	ND	1	45	1	51	2	1	.05	.009	18	1	.01	128	.01	2	.39	.01	.23	1	2	5500
R 33769	2	4	7	13	.2	1	1	55	.87	157	5	ND	2	15	1	246	2	1	.03	.004	31	2	.01	109	.01	3	.33	.01	.15	1	4	2600
R 33770	2	4	20	31	.1	1	1	75	2.31	197	5	ND	3	12	1	43	2	1	.02	.011	40	1	.01	44	.01	3	.37	.01	.17	1	1	1100
R 33771	1	5	11	10	.3	1	1	34	.83	341	5	ND	2	13	1	294	3	1	.03	.004	23	2	.01	148	.01	3	.23	.01	.12	1	3	2500
R 33772	1	3	12	113	.1	1	1	794	2.84	19	5	ND	3	5	1	12	2	1	.04	.011	41	1	.01	34	.01	2	.38	.01	.20	1	1	760
R 33773	1	3	9	94	.1	1	2	560	2.79	26	5	ND	3	7	1	12	2	1	.05	.011	33	1	.01	33	.01	5	.34	.01	.20	1	1	400
R 33774	1	3	15	103	.2	1	2	1359	2.85	5	5	ND	3	3	1	12	2	1	.02	.007	34	1	.01	28	.01	3	.47	.01	.16	1	4	430
R 33775	1	3	17	93	.1	1	1	842	2.55	11	5	ND	3	3	1	17	3	1	.02	.010	35	2	.01	17	.01	4	.52	.01	.14	1	1	410
R 33776	1	3	15	79	.2	1	1	754	1.98	19	5	ND	2	6	1	14	2	1	.03	.004	21	2	.01	46	.01	7	.32	.01	.12	1	1	520
R 33777	2	7	18	81	.1	2	3	715	3.53	25	5	ND	2	27	1	12	2	1	.06	.033	12	1	.03	49	.01	6	.46	.01	.16	1	2	780
R 33778	1	7	9	31	.1	1	1	225	1.18	25	5	ND	1	4	1	15	2	1	.03	.007	16	2	.01	29	.01	7	.22	.01	.09	1	1	620
R 33779	1	25	10	33	.1	1	1	229	1.15	23	5	ND	1	4	1	17	2	1	.05	.006	18	2	.01	20	.01	2	.25	.01	.11	1	2	700
R 33780	2	5	9	30	.1	1	1	228	1.30	56	5	ND	2	7	1	24	2	1	.02	.006	19	1	.01	69	.01	2	.32	.01	.13	1	2	1300
R 33781	1	5	13	49	.2	1	1	207	1.40	79	5	ND	4	4	1	26	3	1	.01	.010	32	2	.01	22	.01	5	.65	.01	.13	2	1	2800
R 33782	1	2	11	19	.1	2	1	84	.84	62	5	ND	1	4	1	604	2	1	.03	.004	19	3	.01	38	.01	2	.35	.01	.10	1	3	1100
R 33783	1	5	12	14	.1	1	1	43	1.05	64	5	ND	3	5	1	20	2	1	.02	.007	32	2	.01	42	.01	15	.46	.01	.18	1	1	1600
R 33784	1	5	11	63	.2	2	2	704	2.12	40	5	ND	3	5	1	18	2	1	.03	.006	21	1	.01	33	.01	3	.35	.01	.15	1	2	960
R 33785	2	8	8	8	.4	1	1	40	.63	1767	5	ND	1	13	1	71	2	1	.03	.002	2	3	.01	71	.01	7	.19	.01	.12	1	65	440
R 33799	1	5	14	6	.2	1	1	23	.87	293	7	ND	3	12	1	64	4	1	.02	.003	18	4	.01	114	.01	3	.27	.01	.14	3	4	1600
R 33953	2	19	57	124	.1	5	2	1963	1.48	6	5	ND	1	29	1	2	2	3	1.05	.019	5	4	.17	655	.01	2	.16	.03	.09	1	1	20
R 33960	3	3	12	36	.1	5	2	285	.93	3	5	ND	6	4	1	2	2	4	.04	.009	16	4	.03	16	.01	2	.32	.03	.15	1	1	40
R 33961	5	3	8	4	.2	2	1	16	.77	55	5	ND	1	9	1	9	2	1	.02	.003	18	3	.01	169	.01	7	.29	.01	.20	1	1	590
R 33962	3	4	7	16	.5	6	1	38	.52	380	5	ND	1	15	1	10886	2	1	.03	.003	2	5	.01	104	.01	6	.14	.01	.10	1	19	610
R 33963	5	5	10	10	.2	7	1	33	.90	936	5	ND	1	23	1	136	3	1	.03	.004	2	5	.01	72	.01	4	.18	.01	.14	1	52	1100
R 33964	26	6	16	27	.2	6	3	44	2.60	1828	5	ND	1	69	1	16896	2	5	.03	.038	4	5	.01	113	.01	2	.33	.01	.23	1	96	11400
R 33965	8	6	9	30	.1	3	1	28	1.32	261	5	ND	1	20	1	104	2	4	.05	.030	2	6	.01	35	.01	2	.38	.01	.20	1	87	960
R 33966	6	5	18	7	.5	6	1	27	1.22	1711	5	ND	1	33	1	175	2	1	.02	.010	2	4	.01	96	.01	2	.21	.01	.15	1	99	1300
R 33967	6	4	12	52	.1	5	2	148	1.64	329	5	ND	1	21	1	29	2	3	.04	.017	2	5	.01	75	.01	4	.32	.01	.22	1	23	1100
R 33968	5	6	3	51	.1	8	2	352	1.91	723	5	ND	1	16	1	34	2	3	.06	.017	2	4	.02	48	.01	4	.31	.01	.16	1	12	680
R 33969	5	9	9	43	.1	7	2	302	1.24	344	5	ND	1	25	1	21	2	4	.05	.021	3	4	.02	42	.01	2	.35	.01	.16	1	1	700
STD C/AU-R	18	59	37	130	6.8	68	29	1073	4.11	43	15	3	37	48	17	16	21	57	.48	.085	40	59	.35	180	.07	31	1.93	.07	.13	13	515	1300

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ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

AUG 29 1988

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P2 ROCK P3-P5 SOIL AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMLESS AA.

DATE RECEIVED: AUG 18 1988 DATE REPORT MAILED: Aug 27/88 ASSAYER. C. Leong ..D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

NEWMONT EXPLORATION LTD. PROJECT 334 File # 88-3710 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	AU** PPB	Hg PPB
R 33970	5	5	11	47	.2	7	3	514	1.47	252	5	ND	1	25	1	20	2	5	.09	.023	3	5	.02	45	.01	2	.32	.01	.14	1	11	440
R 33971	4	4	7	63	.1	6	1	197	1.22	34	5	ND	3	5	1	7	2	1	.04	.005	22	5	.01	32	.01	3	.27	.01	.16	1	1	360
R 33972	3	4	3	84	.1	3	2	491	1.57	23	5	ND	3	6	1	7	2	1	.04	.005	21	4	.01	55	.01	3	.26	.01	.16	1	1	1200
R 33973	3	3	4	77	.1	1	1	544	1.50	17	5	ND	1	11	1	12	2	1	.06	.006	30	4	.01	71	.01	3	.28	.01	.15	1	12	310
R 33974	4	4	11	83	.1	2	1	444	2.12	12	5	ND	2	10	1	5	2	1	.06	.005	31	3	.01	54	.01	8	.25	.01	.15	1	2	200
R 33975	[illegible]	3	5	75	.1	3	1	547	.59	7	5	ND	2	9	[illegible]	8	2	1	.06	.004	34	2	.02	34	.01	7	.35	.01	.17	1	1	340
R 34023	1	1	5	34	.1	1	1	195	.95	2	5	ND	8	11	1	2	2	3	.12	.008	12	1	.03	13	.01	2	.35	.04	.16	1	1	10
R 34024	2	1	6	63	.1	1	3	599	3.12	8	5	ND	1	16	1	2	5	4	.19	.074	11	1	.03	43	.01	17	.35	.02	.14	1	1	120
R 34160	6	5	10	31	.1	1	1	24	2.57	141	5	ND	1	10	1	6	2	2	.03	.014	6	1	.01	32	.01	4	.42	.01	.15	1	2	440
R 34161	5	3	10	12	.1	1	1	17	1.45	131	5	ND	1	7	1	2	2	1	.03	.005	14	3	.01	57	.01	4	.39	.01	.16	1	1	580
R 34162	5	2	8	15	.2	1	1	15	1.05	86	5	ND	2	5	1	4	2	1	.02	.007	21	1	.01	44	.01	4	.34	.01	.10	1	12	590
R 34163	3	2	7	6	.3	1	1	58	.73	49	5	ND	2	5	1	4	2	1	.02	.005	14	3	.01	36	.01	7	.37	.01	.11	1	10	530
R 34164	5	5	14	66	.1	5	3	567	2.52	23	5	ND	1	18	1	2	2	4	.13	.039	4	4	.05	44	.01	5	.48	.01	.11	1	11	250
R 34165	5	5	7	58	.2	2	4	537	2.51	24	5	ND	2	16	1	2	2	3	.13	.036	3	3	.03	31	.01	4	.40	.01	.08	1	12	220
R 34166	7	5	14	54	.1	1	5	397	2.57	32	5	ND	1	19	1	2	2	4	.14	.048	4	1	.03	50	.01	2	.60	.01	.10	1	4	130
R 34167	5	6	13	65	.1	5	6	563	2.87	39	5	ND	1	14	1	2	2	4	.12	.042	4	2	.04	46	.01	4	.51	.01	.13	1	7	240
R 34168	7	6	14	92	.1	3	4	980	3.28	20	5	ND	1	16	1	2	2	5	.13	.061	3	2	.05	45	.01	4	.52	.01	.11	1	2	200
R 34169	8	8	5	68	.1	1	1	156	1.75	27	5	ND	3	6	1	2	2	1	.05	.009	10	4	.01	40	.01	5	.30	.01	.15	2	1	700
R 34170	5	2	7	16	.2	1	1	59	.57	761	5	ND	1	25	1	37	2	1	.05	.011	2	2	.02	98	.01	5	.24	.01	.15	1	38	1700
R 34171	5	4	12	17	.2	2	1	185	.73	697	5	ND	1	22	1	131	2	1	.04	.007	2	4	.01	266	.01	5	.22	.01	.13	3	40	1800
R 34172	10	5	7	7	.5	1	1	96	.98	2197	5	ND	1	19	1	164	2	1	.02	.005	2	2	.01	158	.01	4	.17	.01	.14	1	210	8200
R 34173	7	3	7	8	.2	1	1	66	1.17	301	5	ND	2	20	1	79	2	3	.05	.011	2	5	.04	65	.01	6	.31	.01	.14	2	32	9500
R 34174	3	3	7	71	.1	2	2	367	2.02	59	5	ND	3	8	1	26	2	1	.04	.013	15	2	.01	31	.01	5	.34	.01	.14	1	1	880
R 34175	3	2	6	55	.1	1	1	344	1.19	22	5	ND	3	9	1	4	2	1	.05	.010	18	3	.02	33	.01	7	.39	.01	.15	2	1	1300
R 34176	4	3	12	26	.2	1	1	82	1.31	89	5	ND	3	13	1	62	2	1	.04	.007	11	2	.01	60	.01	4	.28	.01	.14	1	1	2300
R 34177	11	3	14	18	.2	1	1	148	.91	77	5	ND	3	13	1	26	2	1	.03	.005	16	3	.01	187	.01	3	.23	.01	.18	2	5	3400
R 34178	6	2	13	22	.1	1	1	164	1.04	117	5	ND	3	10	1	13	2	1	.02	.006	21	2	.01	129	.01	6	.24	.01	.17	1	9	2300
R 34179	9	3	5	40	.1	1	1	234	1.37	159	5	ND	3	10	1	13	2	1	.04	.008	10	4	.01	54	.01	3	.25	.01	.14	3	1	1200
R 34180	1	2	7	20	.1	2	1	427	.32	138	5	ND	1	6	1	76	2	1	.03	.005	2	1	.01	62	.01	3	.23	.01	.10	1	5	1800
R 34181	2	3	6	15	.3	2	1	103	.62	131	5	ND	2	12	1	174	2	2	.03	.007	7	5	.02	107	.01	5	.33	.01	.12	4	27	6000
R 34182	2	2	9	16	.2	1	1	91	.47	157	5	ND	4	9	1	296	2	1	.03	.007	29	1	.01	111	.01	4	.30	.01	.14	1	1	3800
R 34183	3	3	8	21	.3	1	1	173	.48	198	9	ND	2	10	1	184	3	1	.03	.004	8	4	.01	115	.01	3	.27	.01	.10	3	1	4300
STD C/AU-R	17	58	41	132	7.4	68	30	1017	4.11	44	24	8	39	47	20	16	19	59	.45	.097	41	55	.82	176	.07	35	1.77	.06	.16	12	505	1400

ACME ANALYTICAL LABORATORIES LTD.   852 E. HASTINGS ST. VANCOUVER B.C.   V6A 1R6   PHONE(604)253-3158   FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK   AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMLESS AA.

DATE RECEIVED: AUG 3 1988   DATE REPORT MAILED: Aug 8/88   ASSAYER. C. Leong .D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

NEWMONT EXPLORATION LTD. PROJECT 339   File # 88-3212

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Hg PPB
R 34184	3	3	14	14	.3	1	1	117	.70	169	5	ND	2	11	1	263	2	1	.03	.003	8	2	.01	255	.01	5	.21	.01	.10	1	18	5600
R 34185	6	2	9	15	.2	1	1	255	.87	103	5	ND	2	9	1	89	2	1	.04	.005	13	3	.01	87	.01	5	.25	.01	.15	3	3	5300
R 34186	3	2	7	16	.1	1	1	32	.89	363	5	ND	1	14	1	67	2	1	.03	.005	2	2	.01	74	.01	4	.19	.01	.12	1	19	2400
R 34187	2	2	11	12	.1	1	1	27	.66	76	5	ND	2	7	1	17	2	1	.04	.005	6	2	.01	69	.01	4	.26	.01	.16	2	1	2300
R 34243	5	5	11	16	.7	3	1	21	.97	4307	5	ND	1	10	1	189	2	1	.04	.002	2	1	.01	121	.01	4	.21	.01	.13	1	285	2000
R 34244	2	3	15	47	.1	2	1	68	.57	5	5	ND	10	6	1	2	2	1	.03	.005	38	5	.01	77	.01	2	.29	.01	.18	3	1	450
R 34251	5	4	6	26	.3	3	2	78	1.16	76	5	ND	2	39	2	13	2	3	.07	.019	4	1	.02	39	.01	10	.39	.01	.19	1	1	380
R 34252	4	2	13	8	.1	2	1	17	.85	106	5	ND	1	35	1	22	2	3	.06	.023	3	3	.02	61	.01	2	.37	.01	.19	2	9	1300
R 34253	6	1	8	5	.4	4	1	19	.54	207	6	ND	2	18	2	77	2	2	.04	.005	2	2	.01	66	.01	10	.33	.01	.18	1	19	9600
R 34254	5	1	7	5	.7	2	1	30	.48	88	5	ND	3	15	3	140	2	3	.05	.004	3	3	.02	71	.01	14	.37	.01	.18	2	30	12400
R 34255	7	1	6	3	.1	5	1	22	.59	111	5	ND	1	20	1	163	2	2	.06	.009	2	2	.01	50	.01	2	.35	.01	.19	1	13	9000
R 34256	8	1	9	5	.2	2	1	21	.65	135	5	ND	1	22	1	89	3	2	.05	.008	3	4	.02	55	.01	13	.35	.01	.20	2	10	6600
R 34257	10	1	13	8	1.0	3	1	49	.74	184	8	ND	4	16	4	189	3	3	.05	.007	3	2	.02	60	.01	19	.39	.01	.19	1	154	13000
R 34258	7	1	12	5	.1	2	1	26	.61	144	5	ND	1	15	1	197	2	2	.04	.006	2	4	.01	48	.01	2	.36	.01	.18	1	95	13600
R 34259	5	2	7	4	.3	2	1	13	.46	97	5	ND	2	13	1	69	4	1	.04	.005	2	2	.01	63	.01	11	.34	.01	.18	1	11	8800
R 34260	8	3	11	10	.6	3	1	30	.96	3061	5	ND	1	29	1	210	2	2	.02	.005	3	4	.01	152	.01	2	.28	.01	.16	3	375	16000
R 34261	3	2	11	8	.9	2	1	25	.51	1404	5	ND	2	14	2	122	2	2	.03	.003	3	2	.01	107	.01	10	.31	.01	.16	1	145	11000
R 34262	3	1	9	11	.9	3	1	32	.57	1722	5	ND	1	13	2	94	2	1	.04	.003	2	6	.02	70	.01	11	.35	.01	.16	4	123	3900
R 34263	5	1	8	10	.1	3	1	20	.59	681	5	ND	1	19	1	29	2	1	.04	.005	4	1	.01	89	.01	5	.37	.01	.18	1	16	2300
R 34264	8	7	16	25	.7	4	1	11	1.02	2316	7	ND	2	13	2	71	2	1	.03	.003	3	2	.01	94	.01	11	.34	.01	.20	3	9	3400
R 34265	9	2	16	16	.5	2	1	23	.64	1366	5	ND	1	15	2	1755	2	1	.05	.004	3	1	.01	91	.01	7	.31	.01	.17	1	33	2600
R 34266	23	3	13	14	.2	2	1	28	.91	774	5	ND	2	24	3	74	2	2	.05	.007	4	5	.02	120	.01	11	.35	.01	.25	4	36	3300
R 34267	17	2	14	7	.6	3	1	27	1.23	491	7	ND	2	39	2	205	2	2	.03	.011	3	1	.01	186	.01	8	.35	.01	.28	1	28	9200
R 34268	5	3	10	11	.7	2	1	18	.62	113	5	ND	4	26	4	34	2	2	.03	.010	4	5	.01	148	.01	13	.36	.01	.24	4	4	2600
R 34269	6	2	13	14	.1	2	1	21	.46	90	5	ND	1	33	1	40	2	2	.05	.014	2	2	.01	171	.01	2	.35	.01	.18	1	1	1500
STD C/AU-R	17	58	41	132	7.4	68	30	1017	4.11	44	24	8	39	47	20	16	19	59	.45	.097	41	55	.82	176	.07	35	1.77	.06	.16	12	505	1400

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

OCT 11 1988

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMLESS AA.

DATE RECEIVED: OCT 3 1988 DATE REPORT MAILED: Oct 7/88 ASSAYER. C. Leong .D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

NEWMONT EXPLORATION LTD. PROJECT 334 File # 88-4939 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM
R 34270	4	3	16	15	.4	2	1	24	.51	95	5	ND	1	25	1	46
R 34271	12	2	16	21	.1	2	1	22	.65	2238	5	ND	1	25	1	71
R 34272	6	8	20	20	1.3	4	1	50	1.49	7660	6	ND	2	16	3	291
R 34273	8	1	10	6	.5	3	1	24	.64	415	5	ND	1	12	1	141
R 34274	17	3	11	9	.4	3	1	22	.75	495	5	ND	1	24	1	43
R 34275	18	5	14	18	1.5	2	1	31	.35	3742	5	ND	1	34	1	26626
R 34276	9	4	9	10	.8	4	1	32	1.42	4493	6	ND	1	33	1	434
R 34277	12	2	15	6	.6	4	2	69	2.18	8452	6	ND	1	62	1	446
R 34278	9	4	7	15	.7	4	1	23	1.07	3650	5	ND	1	23	1	487
R 34279	2	3	6	5	.3	3	1	72	1.00	563	5	ND	1	27	1	52
R 11447	3	4	13	17	.1	1	1	31	.80	47	5	ND	4	8	1	77
R 11448	3	4	20	99	.1	2	1	472	2.15	36	5	ND	3	3	1	15

SAMPLE#	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Hg PPB
R 34270	2	3	.04	.014	3	6	.01	72	.01	8	.35	.01	.22	2	6	2100
R 34271	2	1	.04	.004	3	1	.01	125	.01	2	.36	.01	.23	1	26	5000
R 34272	2	2	.08	.006	3	7	.03	145	.01	11	.31	.01	.15	7	525	3300
R 34273	2	2	.04	.003	2	1	.02	71	.01	3	.29	.01	.16	1	64	16400
R 34274	2	1	.06	.006	4	5	.02	92	.01	7	.35	.01	.25	3	7	3600
R 34275	2	1	.08	.002	5	1	.02	95	.01	11	.30	.01	.19	1	169	5900
R 34276	2	1	.03	.003	3	5	.01	91	.01	4	.24	.01	.17	4	795	22000
R 34277	2	1	.04	.004	3	1	.01	117	.01	2	.21	.01	.24	1	365	14600
R 34278	2	1	.03	.002	2	5	.01	117	.01	5	.20	.01	.11	4	575	9500
R 34279	2	1	.03	.002	2	1	.01	92	.01	2	.13	.01	.16	1	43	1500
R 11447	2	1	.05	.004	25	1	.01	28	.01	4	.30	.01	.11	1	7	8600
R 11448	3	1	.03	.001	13	2	.02	19	.01	2	.35	.01	.10	1	2	600

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
8288	1	5	8	35	.1	6	3	210	1.91	6	5	ND	2	19	1	2	2	28	.16	.043	10	11	.12	47	.04	2	.64	.01	.06	1	1
8289	1	2	7	22	.1	5	2	87	.96	2	5	ND	2	34	1	2	2	17	.23	.019	15	10	.12	70	.06	2	.66	.02	.09	1	1
8290	1	4	5	26	.1	6	4	162	1.76	4	5	ND	2	25	1	5	3	30	.17	.022	11	13	.15	57	.06	2	.75	.01	.08	1	2
8291	1	4	9	101	.3	7	3	206	2.07	6	5	ND	3	19	1	2	4	27	.17	.167	14	12	.13	77	.03	2	1.49	.01	.11	1	1
8292	1	2	7	35	.1	6	3	176	1.87	6	5	ND	3	26	1	2	2	33	.19	.036	15	15	.15	48	.08	6	.91	.01	.11	1	3
8293	1	3	5	47	.1	7	4	199	1.86	4	5	ND	2	21	1	2	2	32	.18	.045	15	15	.16	49	.07	2	1.00	.01	.08	1	2
8294	1	3	5	37	.1	5	3	197	1.86	3	5	ND	3	25	1	2	2	33	.18	.041	14	15	.15	47	.08	2	.84	.01	.13	1	1
8295	1	3	7	30	.1	5	3	134	1.34	3	5	ND	3	49	1	2	2	24	.24	.025	15	12	.16	64	.07	2	.80	.02	.11	1	1
8296	1	3	10	176	.1	7	3	518	1.87	12	5	ND	1	31	1	53	2	27	.18	.033	13	15	.14	73	.04	2	.82	.01	.09	1	1
8297	1	2	4	59	.1	5	3	270	1.40	2	5	ND	2	20	1	2	2	26	.21	.029	13	14	.14	64	.06	3	.76	.01	.09	1	1
8298	1	2	8	29	.2	5	3	211	1.58	6	5	ND	3	24	1	3	2	26	.17	.025	13	12	.13	65	.06	2	.72	.01	.10	1	1
8299	1	1	7	39	.1	5	3	158	1.41	2	5	ND	2	19	1	2	4	25	.16	.014	12	11	.14	47	.07	2	.70	.01	.06	1	1
8300	1	4	2	34	.1	7	4	181	1.88	3	5	ND	2	20	1	2	2	32	.18	.042	10	14	.16	56	.06	2	.77	.01	.04	1	1
8301	1	5	3	41	.1	9	4	195	2.17	5	5	ND	1	21	1	2	3	36	.18	.032	11	16	.16	62	.06	4	.90	.01	.05	2	1
8302	1	5	6	31	.1	8	4	162	2.04	6	5	ND	2	23	1	3	2	30	.18	.032	13	14	.15	65	.05	2	.72	.02	.05	1	2
8303	1	3	4	26	.2	7	3	138	1.54	2	5	ND	3	22	1	2	5	27	.20	.018	12	12	.19	62	.07	10	.80	.02	.04	1	1
8304	1	4	6	30	.1	9	4	161	1.79	4	5	ND	2	22	1	2	3	33	.19	.021	11	14	.21	59	.08	2	.89	.01	.05	1	1
8305	1	5	6	67	.1	13	5	209	2.25	5	5	ND	3	20	1	2	2	39	.20	.048	11	18	.24	81	.08	4	1.57	.01	.06	1	2
8306	1	4	2	30	.1	9	4	205	1.83	4	5	ND	2	24	1	2	3	32	.22	.036	11	17	.23	67	.07	2	.88	.01	.06	1	1
8307	1	6	4	35	.1	10	4	170	2.04	6	5	ND	2	21	1	2	2	35	.18	.032	11	15	.19	64	.07	2	.96	.01	.05	2	1
8308	1	3	6	49	.1	10	4	180	1.99	3	5	ND	1	22	1	2	2	32	.20	.063	12	15	.21	61	.06	2	1.21	.01	.05	1	1
8309	1	4	6	32	.1	8	4	154	1.84	5	5	ND	2	22	1	2	2	31	.18	.031	11	14	.17	54	.07	2	.77	.01	.05	1	1
8310	1	3	6	31	.1	7	4	158	1.80	4	5	ND	1	20	1	2	2	30	.18	.031	11	13	.16	50	.07	2	.70	.01	.05	1	1
8311	1	3	5	34	.1	7	4	196	1.90	6	5	ND	3	22	1	2	2	32	.17	.037	11	14	.16	55	.07	2	.80	.01	.06	1	1
8312	1	3	7	42	.1	7	4	164	1.82	6	5	ND	2	27	1	25	2	31	.21	.029	12	14	.18	71	.08	2	.80	.02	.05	1	1
8313	1	3	6	37	.1	8	4	204	2.11	9	5	ND	2	24	1	5	2	33	.16	.024	11	14	.17	84	.06	2	.97	.01	.07	1	1
8314	1	2	7	29	.2	7	4	164	1.87	9	5	ND	2	29	1	3	2	33	.19	.029	14	14	.13	62	.07	2	.66	.01	.09	1	1
8315	1	4	8	162	.1	8	5	300	2.32	12	5	ND	2	25	1	3	2	37	.17	.044	12	15	.18	79	.05	3	1.12	.01	.08	1	1
8316	1	4	9	56	.1	8	4	176	2.10	17	5	ND	2	35	1	11	4	33	.27	.031	15	16	.17	57	.04	2	1.10	.01	.09	1	1
STD C/AU-S	18	57	37	132	6.5	67	28	1045	4.11	41	18	8	37	48	17	16	20	58	.47	.091	40	57	.91	178	.06	34	1.98	.06	.14	13	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
8252	1	9	13	75	.1	13	11	1741	3.14	13	5	ND	1	38	1	2	2	45	.34	.078	15	20	.35	126	.04	2	2.04	.01	.06	1	3
8253	1	4	3	39	.1	9	4	133	1.82	4	5	ND	1	21	1	2	3	31	.13	.028	10	15	.21	58	.06	2	1.12	.01	.02	1	1
8254	1	4	6	43	.1	9	4	279	2.02	4	5	ND	1	16	1	2	2	35	.17	.051	10	15	.20	70	.07	2	1.05	.01	.04	1	1
8255	1	5	3	49	.1	9	4	254	2.06	7	5	ND	1	20	1	3	2	37	.18	.036	10	18	.20	74	.08	3	1.15	.01	.03	1	1
8256	1	5	7	46	.1	9	4	234	2.24	7	5	ND	1	21	1	7	3	37	.22	.068	10	19	.22	74	.06	6	1.11	.01	.04	1	1
8257	1	6	9	77	.1	10	6	234	2.42	10	5	ND	2	19	1	5	2	39	.16	.042	10	13	.22	68	.07	2	1.25	.01	.05	1	1
8258	1	8	9	72	.1	13	5	243	2.47	10	5	ND	2	21	1	7	3	35	.20	.055	11	15	.25	80	.04	4	1.64	.01	.04	1	1
8259	1	5	9	67	.1	8	4	569	1.92	4	5	ND	2	16	1	5	2	33	.17	.055	10	15	.21	74	.06	2	1.04	.01	.04	1	2
8260	1	3	6	38	.1	11	5	219	2.22	5	5	ND	3	17	1	2	2	40	.17	.036	9	20	.25	71	.05	2	1.06	.01	.04	1	2
8261	1	6	5	27	.1	6	3	220	1.74	6	5	ND	1	21	1	3	2	29	.15	.013	10	11	.15	53	.05	2	.64	.01	.05	1	1
8262	1	3	4	26	.1	6	3	215	1.76	3	5	ND	1	32	1	2	2	31	.16	.020	13	14	.15	84	.06	2	.58	.01	.10	1	2
8263	1	4	11	18	.3	7	2	93	1.05	8	5	ND	4	42	1	3	2	16	.22	.025	25	12	.19	35	.05	3	.74	.02	.10	1	1
8264	1	4	11	27	.2	5	3	147	1.60	3	5	ND	3	60	1	2	2	20	.38	.021	20	13	.24	87	.04	3	.94	.05	.06	1	1
8265	1	5	12	23	.1	5	3	174	1.70	3	5	ND	3	58	1	2	2	21	.45	.021	25	15	.20	58	.06	2	1.04	.05	.06	1	1
8266	1	3	8	50	.2	5	3	139	1.62	3	5	ND	3	17	1	2	2	25	.14	.041	13	11	.12	60	.05	3	1.11	.01	.07	1	2
8267	1	3	8	28	.1	7	3	204	1.70	4	5	ND	3	26	1	2	2	29	.16	.033	14	12	.13	56	.06	2	.83	.01	.09	1	1
8268	1	2	5	24	.1	4	2	143	1.53	6	5	ND	3	34	1	2	2	26	.15	.018	14	12	.13	46	.05	2	.60	.02	.12	1	1
8269	1	3	8	15	.2	3	2	92	.97	2	5	ND	3	51	1	2	2	13	.29	.013	15	10	.14	49	.05	2	.70	.03	.17	1	2
8270	1	2	10	21	.1	5	2	158	1.17	2	5	ND	3	45	1	2	2	20	.30	.011	19	10	.17	51	.08	3	.75	.03	.11	1	5
8271	1	4	7	42	.2	7	4	206	2.12	6	5	ND	2	29	1	2	2	34	.23	.042	13	15	.18	69	.06	2	1.01	.01	.03	1	1
8272	1	4	12	30	.1	6	3	225	1.61	4	5	ND	1	46	1	2	2	23	.36	.020	21	12	.20	52	.05	2	1.01	.03	.13	1	1
8273	1	2	9	34	.2	5	3	134	1.50	3	5	ND	3	18	1	2	2	25	.15	.024	12	12	.13	55	.07	2	.36	.01	.03	1	1
8274	1	3	4	27	.1	5	3	167	1.78	4	5	ND	2	24	1	2	2	31	.17	.021	13	15	.15	53	.07	2	.86	.01	.09	1	2
8275	1	3	7	33	.2	5	3	171	1.64	6	5	ND	3	22	1	2	2	27	.15	.024	13	12	.13	55	.06	2	.84	.01	.07	1	1
8276	1	3	7	30	.1	4	2	134	1.72	8	5	ND	3	28	1	2	2	27	.18	.035	13	11	.13	64	.05	2	.61	.01	.07	1	1
8277	1	4	8	40	.1	6	4	237	1.57	27	5	ND	1	48	1	2	2	24	.33	.023	15	12	.22	51	.03	2	1.01	.01	.09	1	1
8278	1	5	9	83	.2	8	4	217	2.17	24	5	ND	2	35	1	3	2	33	.21	.036	13	16	.21	93	.02	2	1.06	.01	.10	1	2
8279	2	2	7	53	.1	1	2	557	1.98	5	5	ND	1	21	1	3	2	17	.15	.022	7	6	.10	66	.01	2	.61	.01	.10	1	1
8280	1	4	4	25	.1	6	3	153	1.85	6	5	ND	2	29	1	2	2	30	.17	.022	11	14	.16	53	.06	2	.59	.02	.07	1	1
8281	1	5	7	56	.1	5	3	465	1.53	2	5	ND	1	23	1	2	2	25	.19	.021	13	12	.15	59	.05	3	.51	.01	.07	1	2
8282	1	5	7	51	.1	8	2	276	1.67	2	5	ND	1	23	1	2	2	27	.20	.025	13	12	.20	67	.04	2	.87	.01	.07	1	1
8283	1	6	8	33	.1	3	3	191	2.03	6	5	ND	2	17	1	2	2	33	.16	.023	9	14	.17	66	.06	2	.75	.01	.05	1	2
8284	1	7	7	31	.1	9	3	190	2.05	4	5	ND	2	20	1	2	2	34	.19	.030	11	16	.20	62	.06	3	.54	.01	.05	1	1
8285	1	7	7	27	.1	6	3	156	1.91	6	5	ND	2	20	1	2	2	29	.17	.023	10	12	.14	57	.04	2	.53	.01	.05	1	2
8286	1	7	4	31	.1	5	3	166	1.55	5	5	ND	2	19	1	2	2	32	.18	.031	10	14	.16	58	.05	2	.64	.01	.05	1	1
8287	1	3	7	27	.1	4	2	150	1.65	4	5	ND	1	15	1	2	2	25	.15	.019	3	10	.15	42	.05	4	.64	.01	.05	1	1
STD C/AU-S	17	57	35	132	6.9	67	27	1153	4.06	39	17	8	37	47	17	18	19	56	.47	.086	39	55	.92	173	.06	32	1.88	.06	.14	11	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
8216	1	5	8	35	.1	7	3	135	1.60	8	5	ND	1	22	1	12	2	27	.22	.024	9	13	.19	50	.05	6	.76	.01	.03	1	1
8217	1	5	9	48	.1	9	4	265	2.41	14	5	ND	1	15	1	7	2	39	.17	.049	9	17	.22	51	.05	2	.87	.01	.05	1	1
8218	1	5	11	59	.1	8	4	298	1.81	4	5	ND	1	19	1	4	2	30	.21	.040	10	14	.22	51	.06	4	.99	.01	.05	1	1
8219	1	4	8	36	.1	8	3	209	1.93	5	5	ND	1	13	1	4	2	34	.21	.039	10	16	.21	43	.07	2	.74	.01	.03	1	1
8220	1	5	5	42	.1	11	4	229	2.06	6	5	ND	1	16	1	2	2	36	.17	.039	8	17	.24	61	.06	2	1.04	.01	.04	1	2
8221	1	5	6	34	.1	7	3	170	1.85	5	5	ND	1	13	1	2	2	32	.18	.027	9	16	.22	64	.06	2	.94	.01	.03	1	1
8222	1	7	5	35	.1	5	4	203	2.08	4	5	ND	1	19	1	2	2	38	.15	.029	9	18	.19	49	.07	2	.82	.01	.04	1	1
8223	1	5	7	49	.1	6	3	256	1.51	12	5	ND	1	16	1	2	2	23	.15	.052	9	13	.12	64	.05	2	.76	.01	.03	1	1
8224	1	5	5	29	.1	6	3	186	1.65	4	5	ND	1	18	1	2	2	29	.20	.025	9	14	.16	56	.05	2	.91	.01	.04	1	6
8225	1	6	4	37	.1	12	4	135	2.24	10	5	ND	2	15	1	4	2	37	.13	.043	9	17	.21	75	.06	2	1.12	.01	.04	1	1
8226	1	6	5	36	.1	9	4	214	2.16	7	5	ND	1	16	1	3	2	37	.20	.048	9	17	.21	62	.05	2	.92	.01	.04	1	1
8227	1	5	9	36	.1	11	4	155	2.24	9	5	ND	1	15	1	4	2	39	.21	.041	9	16	.24	63	.07	2	1.09	.01	.04	1	1
8228	1	6	8	76	.2	10	4	305	2.33	12	5	ND	1	25	1	9	2	35	.25	.099	11	16	.21	70	.05	3	1.06	.01	.05	1	1
8229	1	7	9	55	.2	9	3	223	1.71	7	5	ND	1	29	1	6	2	26	.34	.015	14	14	.21	62	.05	2	1.00	.01	.04	1	1
8230	1	7	8	94	.1	11	5	154	2.36	11	5	ND	1	20	1	10	2	36	.23	.059	9	18	.24	55	.07	2	1.27	.01	.04	1	1
8231	1	6	7	35	.1	8	4	133	1.92	7	5	ND	1	13	1	11	2	23	.21	.025	10	15	.20	50	.07	2	.81	.01	.04	1	1
8232	1	9	7	31	.1	10	4	205	2.24	7	5	ND	2	34	1	11	2	37	.39	.041	17	20	.25	68	.07	2	.97	.02	.04	1	1
8233	1	11	7	37	.2	15	5	198	2.51	5	5	ND	3	39	1	6	2	41	.43	.039	16	25	.36	63	.08	2	1.17	.02	.04	1	1
8234	1	10	8	34	.1	10	4	220	2.25	7	5	ND	1	35	1	16	2	38	.39	.046	17	17	.28	57	.06	2	.72	.02	.04	1	29
8235	1	5	7	37	.1	8	3	201	1.98	6	5	ND	1	20	1	7	2	34	.21	.042	10	17	.22	54	.07	2	.89	.01	.05	1	1
8236	1	5	8	36	.1	7	3	187	1.83	3	5	ND	2	26	1	5	2	30	.28	.019	10	16	.23	52	.08	2	.92	.01	.04	1	1
8237	1	6	6	42	.1	9	4	246	2.03	7	5	ND	2	18	1	9	2	34	.18	.034	9	15	.19	55	.05	2	.85	.01	.04	1	1
8238	1	6	6	36	.1	9	3	182	2.14	11	5	ND	2	21	1	12	2	34	.21	.043	10	16	.22	58	.06	2	.97	.01	.05	1	1
8239	1	10	7	39	.1	11	4	172	2.01	6	5	ND	2	27	1	12	2	32	.35	.030	17	19	.28	64	.06	2	1.16	.01	.05	1	1
8240	1	8	8	42	.1	11	5	199	2.47	17	5	ND	2	21	1	11	4	41	.19	.056	10	16	.21	57	.06	8	1.14	.01	.04	1	1
8241	1	5	7	34	.1	10	4	179	2.23	9	5	ND	2	19	1	6	2	41	.18	.041	8	18	.20	60	.07	3	.97	.01	.05	1	1
8242	1	8	9	41	.1	10	4	217	2.21	8	5	ND	2	16	1	3	2	37	.17	.061	9	16	.22	66	.06	2	1.12	.01	.05	1	1
8243	1	6	7	41	.1	11	3	225	2.15	9	5	ND	2	20	1	2	2	36	.21	.045	10	15	.21	67	.06	8	1.01	.01	.05	1	1
8244	1	6	7	62	.1	6	4	653	1.71	3	5	ND	2	19	1	2	3	31	.20	.054	9	15	.13	85	.05	2	.85	.01	.05	1	1
8245	1	8	8	74	.2	13	4	312	2.30	9	5	ND	3	17	1	7	2	37	.17	.076	10	17	.19	66	.06	3	1.30	.01	.07	1	2
8246	1	7	6	54	.1	11	5	219	2.63	26	5	ND	3	24	1	13	4	40	.16	.071	10	17	.22	90	.05	2	1.19	.01	.06	1	1
8247	1	6	5	30	.1	10	3	158	1.85	9	5	ND	2	18	1	9	2	31	.17	.019	9	14	.22	47	.06	2	.81	.01	.04	1	1
8248	1	8	7	39	.3	12	5	298	2.44	14	5	ND	3	22	1	12	3	40	.20	.029	10	18	.24	59	.07	2	1.03	.01	.05	1	1
8249	1	8	7	34	.2	7	3	162	1.58	3	5	ND	3	24	1	7	4	29	.25	.020	14	14	.21	42	.07	2	.75	.01	.04	1	1
8250	1	7	4	50	.1	10	4	196	2.11	8	5	ND	2	25	1	6	2	33	.25	.040	10	17	.20	55	.07	3	1.00	.01	.05	1	1
8251	1	5	6	46	.1	12	4	202	2.30	10	5	ND	2	21	1	4	2	40	.21	.038	10	17	.23	73	.07	2	1.24	.01	.06	1	1
STD C/AU-S	17	57	36	132	7.0	67	27	1036	4.06	39	20	8	36	47	17	17	18	55	.46	.086	38	55	.91	175	.06	33	1.89	.06	.14	11	48

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NEWMONT EXPLORATION LTD. PROJECT 334 FILE # 88-3536

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
8180	1	6	9	37	.2	5	4	194	1.69	7	5	ND	2	25	1	19	4	31	.25	.012	12	15	.24	45	.09	2	.51	.01	.06	2	1
8181	1	5	7	35	.1	7	3	165	1.31	7	5	ND	1	25	1	23	2	23	.25	.022	14	13	.18	53	.04	2	.39	.01	.05	1	2
8182	1	6	7	38	.2	5	4	153	1.63	7	5	ND	3	21	1	19	2	29	.23	.035	12	13	.17	39	.06	2	.70	.01	.04	1	1
8183	1	5	7	41	.2	6	3	200	1.65	7	5	ND	2	23	1	18	2	31	.26	.035	13	15	.23	47	.09	2	.34	.01	.04	1	1
8184	1	7	8	117	.2	8	4	404	1.83	7	5	ND	2	31	1	13	2	30	.32	.049	13	15	.26	72	.05	8	1.15	.01	.07	1	1
8185	1	12	15	197	.2	12	8	526	3.37	57	5	ND	2	58	1	117	3	45	.39	.138	16	19	.27	127	.05	3	1.32	.01	.13	1	1
8186	1	6	5	56	.2	4	4	231	1.70	9	5	ND	2	25	1	35	2	29	.25	.024	13	15	.22	54	.06	2	.99	.01	.06	1	1
8187	1	4	9	35	.2	6	3	178	1.47	5	5	ND	2	23	1	16	2	28	.26	.021	13	14	.22	43	.08	2	.79	.01	.05	2	1
8188	1	6	8	45	.1	7	4	246	2.23	9	5	ND	2	25	1	8	2	37	.28	.025	14	17	.28	51	.03	2	.95	.01	.06	1	2
8189	1	4	9	23	.1	5	3	202	1.90	9	5	ND	2	20	1	8	2	32	.25	.039	12	14	.24	41	.07	2	.66	.01	.04	1	1
8190	1	5	9	44	.3	7	4	230	2.13	12	5	ND	2	23	1	26	2	37	.25	.074	12	16	.19	52	.06	2	.90	.01	.05	1	2
8191	1	5	7	45	.1	7	4	307	1.89	9	5	ND	2	23	1	12	2	34	.25	.035	13	15	.20	50	.07	2	.81	.01	.05	2	1
8192	1	6	7	39	.1	7	4	215	2.02	13	5	ND	1	21	1	8	2	36	.25	.044	12	15	.22	45	.07	2	.86	.01	.04	2	1
8193	1	5	6	33	.2	6	3	170	1.77	6	5	ND	2	23	1	3	3	33	.26	.030	12	15	.20	50	.07	2	.85	.01	.04	2	1
8194	1	6	6	36	.1	7	4	303	1.85	5	5	ND	2	23	1	3	2	34	.25	.032	11	15	.20	63	.07	2	.92	.01	.04	1	2
8195	1	6	3	41	.1	8	4	172	1.83	4	5	ND	2	21	1	3	2	33	.22	.023	11	15	.22	72	.07	2	1.15	.01	.04	1	1
8196	1	5	7	43	.1	9	4	154	1.69	3	5	ND	1	21	1	2	2	31	.22	.034	11	15	.21	69	.07	2	1.21	.01	.04	1	34
8197	1	6	8	23	.1	6	3	143	1.30	2	5	ND	2	22	1	2	2	25	.25	.039	12	14	.21	47	.08	2	.39	.01	.04	1	1
8198	1	5	7	39	.1	7	4	163	1.38	5	5	ND	2	20	1	3	2	35	.21	.036	11	16	.20	66	.06	2	1.10	.01	.03	1	1
8199	1	6	8	46	.1	3	4	135	1.33	5	5	ND	2	20	1	3	2	34	.21	.042	11	15	.20	35	.09	7	1.16	.01	.04	2	2
8200	1	5	5	40	.1	9	4	199	1.86	4	5	ND	2	20	1	3	2	34	.22	.029	11	17	.21	71	.07	2	1.02	.01	.03	2	1
8201	1	5	5	34	.1	6	3	225	1.59	3	5	ND	1	20	1	3	2	29	.22	.019	12	14	.20	54	.06	2	.92	.01	.04	1	1
8202	1	6	8	31	.2	3	3	173	1.71	6	5	ND	2	19	1	4	2	31	.23	.031	12	15	.20	46	.07	5	.78	.01	.04	2	1
8203	1	8	9	42	.1	7	4	235	2.43	13	5	ND	2	22	1	10	2	44	.24	.031	10	18	.23	44	.03	2	.85	.01	.08	1	1
8204	1	5	10	41	.1	7	4	198	2.15	13	5	ND	1	21	1	15	2	38	.21	.037	10	16	.21	59	.07	20	.98	.01	.04	2	1
8205	1	6	8	49	.1	9	5	320	2.39	9	5	ND	2	25	1	7	3	43	.25	.043	12	20	.23	63	.05	3	.95	.01	.07	2	1
8206	1	5	3	36	.1	6	3	176	1.64	10	5	ND	1	25	1	27	2	29	.27	.034	13	15	.22	45	.07	2	.74	.01	.04	1	2
8207	1	5	7	36	.3	4	2	156	1.69	8	5	ND	3	24	1	15	3	31	.25	.029	13	13	.20	45	.07	2	.73	.01	.05	2	3
8208	1	6	7	30	.2	5	3	181	1.49	6	5	ND	3	26	1	19	2	28	.31	.045	14	13	.22	42	.08	5	.74	.02	.04	1	2
8209	1	10	12	70	.1	12	7	506	3.15	20	5	ND	1	33	1	14	2	48	.30	.113	13	20	.27	71	.05	2	1.19	.01	.07	1	4
8210	1	6	7	38	.1	10	5	376	2.44	11	5	ND	2	28	1	14	3	42	.30	.048	15	20	.26	48	.08	2	.88	.01	.06	2	3
8211	1	9	11	42	.1	8	4	305	2.32	12	5	ND	2	32	1	15	2	41	.34	.052	16	19	.24	59	.03	2	.87	.02	.05	1	3
8212	1	3	7	29	.1	7	3	164	1.78	3	5	ND	1	29	1	6	2	35	.35	.043	14	18	.25	49	.10	2	.88	.02	.04	1	1
8213	1	5	5	32	.1	6	3	172	1.90	5	5	ND	2	33	1	12	3	32	.38	.029	15	15	.29	62	.05	2	1.06	.02	.03	1	3
8214	1	5	4	46	.1	7	4	220	2.07	8	5	ND	2	26	1	21	4	37	.29	.025	12	16	.22	56	.08	2	.95	.01	.05	1	1
8215	1	4	5	35	.1	8	4	206	1.99	11	5	ND	2	20	1	16	3	35	.21	.023	11	15	.21	48	.07	2	.85	.01	.03	1	2
STD C/AU-S	17	58	39	132	7.1	67	27	1041	4.09	40	18	7	37	47	17	16	19	57	.47	.087	39	55	.92	174	.06	32	1.85	.05	.14	13	51

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NEWMONT EXPLORATION LTD. PROJECT 334 FILE # 88-3536

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
8144	1	5	7	32	.2	9	3	166	1.60	2	5	ND	2	22	1	2	2	23	.26	.029	12	19	.23	52	.07	2	.83	.01	.06	1	1
8145	1	4	3	23	.1	5	2	142	1.23	2	5	ND	1	21	1	2	2	23	.27	.040	12	12	.23	44	.08	2	.71	.01	.05	1	1
8146	1	2	4	25	.1	6	3	151	1.28	2	5	ND	1	20	1	2	2	22	.22	.026	11	12	.22	46	.07	2	.75	.01	.05	1	75
8147	1	4	6	21	.1	6	2	127	1.15	3	5	ND	1	20	1	2	2	21	.24	.034	12	11	.20	40	.07	2	.55	.01	.05	1	1
8148	1	2	5	21	.1	4	3	129	1.16	2	5	ND	1	20	1	3	2	21	.25	.037	11	11	.22	44	.07	2	.67	.01	.04	1	1
8149	1	4	5	24	.1	6	3	133	1.27	2	5	ND	1	13	1	15	2	23	.21	.029	11	11	.21	42	.07	2	.66	.01	.04	1	1
8150	1	4	5	29	.1	6	3	135	1.42	2	5	ND	1	15	1	3	2	27	.21	.022	10	12	.20	45	.07	2	.73	.01	.04	1	2
8151	1	5	2	35	.1	8	3	189	1.72	3	5	ND	2	21	1	2	2	31	.25	.040	11	13	.24	43	.07	2	.75	.01	.05	1	1
8152	1	4	7	30	.1	6	3	162	1.63	6	5	ND	2	27	1	2	2	28	.28	.033	14	14	.21	56	.06	2	.72	.01	.04	1	1
8153	1	4	7	72	.1	7	5	393	2.14	22	5	ND	1	29	1	132	2	36	.19	.032	10	17	.21	93	.05	2	1.07	.01	.05	1	38
8154	1	3	4	80	.1	7	5	407	2.05	5	5	ND	1	23	1	3	2	37	.23	.045	10	17	.20	72	.07	2	1.02	.01	.05	1	1
8155	1	6	6	44	.1	11	4	256	2.36	11	5	ND	2	21	1	7	2	42	.19	.035	11	20	.25	53	.08	2	1.10	.01	.06	1	1
8156	1	7	5	206	.1	9	6	594	2.46	8	5	ND	1	31	1	7	3	39	.27	.116	13	19	.26	76	.06	2	1.13	.01	.07	1	1
8157	1	5	6	44	.1	9	5	224	2.32	5	5	ND	1	27	1	4	2	41	.26	.071	11	19	.24	56	.07	2	1.03	.01	.05	1	1
8158	2	9	15	161	.1	14	7	425	3.28	69	5	ND	3	26	1	531	2	44	.11	.069	13	19	.23	120	.05	2	1.81	.01	.05	1	1
8159	1	5	6	62	.1	3	5	245	2.24	9	5	ND	1	21	1	15	4	40	.21	.041	12	19	.25	56	.06	2	1.32	.01	.05	1	1
8160	1	5	8	57	.1	11	5	232	2.30	9	5	ND	2	26	1	15	2	39	.24	.055	10	17	.23	87	.06	4	1.32	.01	.05	1	2
8161	1	4	10	76	.2	13	5	321	2.15	21	5	ND	2	25	1	70	2	37	.19	.045	11	15	.21	86	.06	3	1.06	.01	.05	1	1
8162	1	4	5	35	.2	6	3	150	1.42	4	5	ND	2	19	1	5	2	25	.22	.032	13	11	.23	41	.05	2	.74	.01	.04	1	1
8163	1	5	6	35	.2	5	3	234	1.50	3	5	ND	2	19	1	2	2	27	.21	.022	12	12	.23	44	.07	2	.81	.01	.04	1	1
8164	1	5	7	34	.1	13	4	217	2.06	3	5	ND	1	22	1	2	2	38	.24	.040	12	27	.25	58	.05	2	.62	.01	.06	1	1
8165	1	3	3	31	.1	5	3	167	1.47	3	5	ND	1	19	1	2	2	26	.19	.019	11	14	.22	43	.06	2	.79	.01	.04	1	1
8166	1	5	6	40	.1	7	3	172	1.74	3	5	ND	1	18	1	7	2	30	.19	.021	11	16	.21	46	.06	2	.65	.01	.04	1	1
8167	1	4	5	32	.1	7	3	193	1.86	3	5	ND	1	13	1	3	2	33	.20	.027	11	16	.22	49	.07	2	.32	.01	.04	1	2
8168	1	4	4	27	.3	6	3	157	1.55	3	5	ND	2	19	1	2	2	29	.21	.025	11	13	.21	44	.07	2	.76	.01	.04	1	1
8169	1	3	4	32	.1	8	4	177	1.92	3	5	ND	2	19	1	2	2	34	.19	.022	11	17	.21	53	.07	2	.94	.01	.04	1	1
8170	1	5	5	29	.1	8	3	182	1.50	3	5	ND	1	19	1	2	2	29	.19	.020	10	14	.21	54	.06	2	.88	.01	.04	1	1
8171	1	5	2	39	.1	7	3	148	1.67	2	5	ND	2	17	1	2	2	30	.18	.015	10	14	.20	52	.06	5	.94	.01	.04	1	1
8172	1	2	5	31	.1	8	4	153	1.58	2	5	ND	1	20	1	2	2	29	.22	.027	10	15	.22	57	.08	2	.99	.01	.04	1	1
8173	1	3	4	33	.1	7	3	135	1.34	2	5	ND	1	20	1	2	2	25	.21	.014	10	13	.21	47	.07	2	.85	.01	.03	1	1
8174	1	4	5	32	.3	7	3	178	1.28	2	5	ND	3	21	1	2	2	24	.23	.024	12	13	.24	52	.08	2	.88	.01	.04	1	2
8175	1	4	7	28	.3	8	3	149	1.52	2	5	ND	2	19	1	2	2	27	.23	.024	11	14	.23	49	.07	3	.83	.01	.05	1	1
8176	1	3	7	35	.2	7	3	182	1.65	4	5	ND	3	20	1	3	2	30	.23	.026	11	14	.22	47	.07	3	.81	.01	.05	1	1
8177	1	4	4	31	.4	6	3	158	1.52	4	5	ND	2	19	1	2	2	27	.23	.029	11	15	.21	41	.07	3	.94	.01	.05	1	1
8178	1	6	6	35	.1	6	2	143	1.28	4	5	ND	2	20	1	2	2	21	.22	.021	11	14	.19	41	.05	2	.84	.01	.06	1	1
8179	1	3	7	30	.1	5	3	163	1.42	3	5	ND	2	20	1	6	2	25	.20	.018	11	12	.17	39	.05	2	.65	.01	.05	1	1
STD C/AU-S	17	57	36	132	7.2	67	27	1045	4.10	39	19	6	37	47	17	17	20	57	.47	.085	39	55	.92	175	.06	33	1.90	.06	.12	12	51

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NEWMONT EXPLORATION LTD. PROJECT 334 FILE # 88-3536

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
8108	1	7	8	107	.1	5	5	341	2.56	7	5	ND	1	25	1	2	2	41	.26	.052	11	18	.23	59	.07	2	1.29	.01	.05	1	1
8109	1	9	6	43	.1	9	5	344	2.59	7	5	ND	2	25	1	2	2	49	.23	.021	14	22	.25	56	.10	3	1.13	.01	.05	1	1
8110	1	5	5	40	.1	9	4	291	1.59	3	5	ND	2	26	1	2	2	35	.28	.027	12	15	.24	59	.10	2	.93	.01	.06	1	1
8111	1	5	6	35	.1	3	4	219	2.23	6	5	ND	2	29	1	2	2	45	.28	.024	12	21	.23	60	.11	3	1.01	.02	.05	1	2
8112	1	8	8	45	.1	7	4	320	1.79	2	5	ND	2	31	1	2	2	34	.33	.019	20	18	.21	57	.09	2	1.02	.01	.05	1	1
8113	1	5	5	40	.1	5	4	339	2.13	3	5	ND	3	29	1	2	2	42	.30	.023	15	20	.22	55	.10	2	.94	.01	.06	1	1
8114	1	6	5	45	.1	5	5	291	2.17	3	5	ND	2	27	1	2	2	41	.29	.036	12	19	.23	56	.10	2	1.02	.01	.07	1	2
8115	1	7	5	29	.1	7	3	171	1.57	2	5	ND	2	33	1	2	2	30	.34	.030	13	15	.24	60	.10	2	.89	.02	.04	1	1
8116	1	5	6	50	.1	9	5	206	2.40	3	5	ND	1	23	1	2	2	41	.22	.040	12	13	.25	56	.05	2	1.44	.01	.07	1	1
8117	1	7	7	33	.1	3	5	159	2.37	6	5	ND	2	13	1	2	2	42	.13	.040	10	18	.24	83	.03	3	1.22	.01	.06	1	2
8118	1	9	13	93	.2	11	7	540	3.28	9	7	ND	3	32	1	2	2	46	.30	.266	15	23	.33	119	.05	2	1.99	.01	.09	1	1
8119	1	10	8	47	.1	12	6	224	2.57	5	5	ND	2	22	1	2	2	43	.23	.054	11	21	.34	90	.09	2	1.71	.01	.06	1	1
8120	1	7	4	25	.3	7	3	139	1.95	4	5	ND	3	33	1	2	2	35	.28	.033	14	17	.22	61	.08	2	.75	.02	.05	1	1
8121	1	6	6	36	.1	10	4	226	2.27	4	5	ND	3	29	1	2	2	42	.30	.055	13	20	.24	56	.05	2	1.05	.02	.07	1	2
8122	1	7	5	35	.1	8	4	209	2.21	4	5	ND	2	29	1	2	2	43	.28	.029	16	20	.23	61	.10	9	.94	.02	.07	1	1
8123	1	6	6	35	.1	3	4	214	2.45	5	5	ND	2	29	1	3	2	48	.29	.022	12	23	.22	52	.11	6	.92	.02	.03	1	1
8124	1	6	7	55	.1	6	5	272	2.33	4	5	ND	3	28	1	2	2	43	.31	.046	12	19	.22	73	.09	2	1.07	.01	.07	1	2
8125	1	7	7	44	.1	5	4	245	2.21	5	5	ND	3	29	1	3	2	41	.29	.045	14	20	.20	63	.12	4	1.13	.01	.07	1	1
8126	1	5	15	73	.1	7	4	329	2.64	12	5	ND	2	35	1	49	2	37	.32	.105	12	17	.20	107	.07	2	1.07	.01	.06	1	1
8127	1	8	9	54	.2	8	5	272	2.90	15	5	ND	2	30	1	7	2	41	.29	.073	13	18	.22	61	.07	2	1.07	.01	.07	1	1
8128	1	8	12	60	.1	8	5	269	2.66	8	5	ND	2	21	1	4	2	41	.16	.025	10	20	.23	71	.07	2	1.29	.01	.07	1	1
8129	1	6	9	49	.2	8	5	400	2.54	6	5	ND	2	34	1	2	2	46	.35	.058	13	21	.24	65	.10	8	1.00	.01	.09	1	1
8130	2	8	9	55	.1	9	4	253	2.76	11	5	ND	2	23	1	5	2	44	.21	.036	12	21	.23	59	.08	2	1.11	.01	.06	1	1
8131	1	5	8	34	.1	6	4	220	2.08	4	5	ND	3	26	1	2	2	40	.27	.030	13	19	.24	55	.10	2	.97	.01	.05	1	1
8132	1	6	7	35	.1	7	4	289	1.89	5	5	ND	2	27	1	2	2	34	.26	.029	15	17	.27	77	.08	2	1.14	.02	.04	1	1
8133	1	7	8	33	.3	6	4	206	2.01	4	5	ND	2	25	1	2	2	37	.31	.040	14	19	.27	65	.09	4	1.00	.02	.05	1	1
8134	1	5	7	40	.2	3	3	204	1.85	3	5	ND	2	30	1	2	2	35	.30	.032	14	17	.26	61	.10	2	.97	.01	.06	1	3
8135	1	6	9	44	.2	9	4	243	1.96	4	5	ND	3	25	1	2	2	36	.27	.035	13	18	.26	60	.09	2	1.10	.01	.06	1	2
8136	1	6	10	54	.3	11	5	299	2.06	5	6	ND	2	25	1	2	2	36	.26	.051	12	19	.25	63	.08	2	1.26	.01	.06	2	1
8137	1	6	10	38	.2	8	3	230	1.95	10	6	ND	3	26	1	4	2	37	.23	.017	11	17	.23	66	.09	2	1.02	.01	.06	1	1
8138	5	7	35	205	.2	8	4	395	4.56	258	5	ND	1	43	1	97	2	48	.15	.099	12	23	.16	155	.04	2	1.68	.01	.11	1	1
8139	2	9	14	86	.2	9	4	322	2.43	48	5	ND	3	24	1	36	4	38	.19	.017	11	19	.29	67	.07	2	1.57	.01	.05	1	27
8140	1	7	10	154	.1	10	6	815	2.57	6	5	ND	3	24	1	2	2	45	.24	.092	12	21	.27	110	.05	2	1.61	.01	.06	1	21
8141	1	7	8	81	.1	12	5	421	2.43	3	5	ND	2	33	1	2	2	46	.33	.075	13	22	.23	85	.09	2	1.40	.01	.06	1	1
8142	1	6	8	53	.1	9	4	286	1.94	3	5	ND	2	30	1	3	2	36	.34	.046	11	18	.24	59	.05	2	1.08	.01	.05	1	1
8143	1	6	8	54	.1	10	4	228	2.23	5	5	ND	2	26	1	2	2	40	.30	.042	13	15	.25	54	.09	7	1.13	.01	.06	1	1
STD C/AU-S	17	56	38	132	7.0	67	27	1037	4.07	39	18	8	36	47	17	16	19	56	.46	.085	38	55	.91	173	.06	32	1.85	.06	.14	11	52

NEWMONT EXPLORATION LTD. PROJECT 334 FILE # 88-3536

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
8072	1	5	2	34	.1	7	3	226	1.35	2	5	ND	1	18	1	2	3	24	.18	.015	11	12	.14	49	.06	2	.71	.01	.09	2	1
8073	1	7	4	35	.2	10	4	241	1.74	7	5	ND	2	21	1	2	2	29	.13	.027	13	14	.19	51	.06	2	.31	.01	.08	1	1
8074	1	5	9	32	.1	7	3	200	1.66	4	5	ND	2	29	1	2	2	27	.23	.043	14	12	.17	63	.06	2	.87	.01	.14	1	1
8075	1	5	4	26	.2	5	3	178	1.48	6	5	ND	2	31	1	2	2	25	.22	.022	14	11	.16	54	.05	2	.74	.01	.15	1	1
8076	1	4	7	33	.2	5	3	167	1.57	3	7	ND	2	24	1	2	4	27	.18	.036	14	12	.14	40	.06	2	.76	.01	.12	1	1
8077	2	9	10	56	.1	9	5	460	2.45	125	5	ND	2	45	1	10	2	34	.25	.032	21	16	.21	94	.05	2	1.32	.01	.11	1	1
8078	1	5	6	24	.1	6	3	159	1.54	4	5	ND	2	25	1	2	2	27	.17	.020	11	12	.15	45	.07	3	.67	.01	.11	1	1
8079	1	6	5	30	.1	6	3	197	1.81	8	5	ND	2	33	1	2	2	31	.20	.032	11	14	.14	56	.06	2	.51	.01	.13	1	1
8080	1	5	6	37	.1	9	4	264	1.66	5	5	ND	1	26	1	2	2	30	.19	.020	8	11	.25	96	.07	2	1.02	.01	.05	1	1
8081	1	5	9	31	.1	7	3	238	1.35	3	5	ND	1	26	1	2	3	22	.25	.020	14	11	.23	55	.06	2	.39	.01	.05	1	1
8082	1	3	5	18	.1	6	2	143	1.12	3	5	ND	2	24	1	2	2	22	.22	.029	11	10	.15	50	.07	2	.52	.01	.06	1	1
8083	1	3	6	29	.1	3	3	170	1.37	4	5	ND	1	25	1	2	2	24	.23	.025	12	12	.20	75	.07	2	.74	.01	.08	1	1
8084	1	5	8	29	.1	5	4	198	1.63	4	5	ND	1	22	1	2	2	31	.20	.023	10	13	.22	65	.09	3	.81	.01	.08	2	1
8085	1	5	5	43	.1	11	4	277	2.07	6	5	ND	2	25	1	2	2	38	.27	.043	11	19	.30	90	.08	2	1.02	.01	.05	1	1
8086	1	5	5	24	.2	5	3	166	1.39	3	5	ND	2	20	1	2	2	26	.24	.032	11	14	.24	52	.05	2	.79	.01	.05	1	1
8087	1	4	5	21	.2	6	3	144	1.24	2	5	ND	2	19	1	2	3	24	.23	.031	11	14	.22	46	.09	2	.58	.01	.34	1	1
8088	1	5	6	24	.1	8	3	166	1.45	2	5	ND	2	21	1	2	2	28	.25	.042	12	14	.24	52	.08	2	.79	.01	.04	2	1
8089	1	8	5	35	.2	10	4	252	1.90	4	5	ND	1	21	1	2	2	33	.21	.024	14	19	.26	58	.06	2	1.22	.01	.05	1	1
8090	1	5	6	31	.1	10	4	227	1.59	5	5	ND	2	22	1	2	2	36	.26	.040	13	17	.26	55	.08	2	.90	.01	.05	1	1
8091	1	5	5	31	.2	8	4	230	1.72	3	5	ND	2	21	1	2	2	32	.26	.041	13	16	.25	51	.08	5	.88	.01	.05	2	7
8092	1	5	6	33	.1	8	4	256	1.82	3	5	ND	2	21	1	2	2	34	.25	.041	12	17	.25	46	.08	2	.87	.01	.05	1	1
8093	1	6	4	34	.2	9	4	228	1.98	4	5	ND	2	23	1	2	2	37	.27	.049	13	18	.26	51	.08	2	.85	.01	.35	1	1
8094	1	6	5	39	.1	9	4	245	1.94	4	5	ND	2	21	1	2	2	32	.24	.044	12	15	.25	44	.08	2	.83	.01	.06	1	1
8095	1	6	7	116	.1	9	5	201	2.83	7	5	ND	2	20	1	2	3	41	.20	.181	11	18	.22	53	.05	2	1.65	.01	.05	1	1
8096	1	7	12	137	.1	10	4	273	2.34	12	5	ND	1	43	1	2	2	32	.37	.125	14	16	.29	87	.05	2	1.50	.01	.07	1	1
8097	1	7	7	76	.1	11	5	250	2.45	8	5	ND	2	23	1	2	2	44	.20	.058	10	21	.27	65	.07	3	1.64	.01	.07	1	1
8098	1	7	11	211	.1	9	5	1389	2.63	21	5	ND	1	31	1	5	2	40	.22	.044	14	17	.22	151	.04	2	1.33	.01	.09	1	1
8099	1	9	12	272	.1	11	5	1615	2.87	51	5	ND	1	43	1	11	2	37	.30	.132	13	21	.26	126	.04	3	1.70	.01	.03	1	1
8100	1	14	7	135	.1	11	6	1540	4.24	23	5	ND	2	32	1	9	2	40	.27	.084	16	17	.20	112	.02	2	1.16	.01	.10	1	1
8101	1	5	6	34	.3	8	4	237	1.79	4	7	ND	2	23	1	2	2	33	.26	.036	14	17	.27	52	.08	3	.86	.01	.07	2	1
8102	1	4	6	28	.1	8	3	196	1.61	2	5	ND	2	24	1	2	2	20	.28	.040	14	16	.26	54	.08	4	.77	.01	.05	1	1
8103	1	4	6	28	.1	8	3	204	1.76	3	5	ND	2	25	1	2	2	34	.29	.047	14	17	.26	54	.08	4	.78	.02	.05	1	1
8104	1	4	6	34	.1	8	4	256	1.80	4	5	ND	2	22	1	2	2	33	.22	.026	11	15	.27	56	.07	2	.96	.01	.04	1	4
8105	1	5	6	29	.1	9	4	208	1.50	4	5	ND	2	22	1	2	2	34	.24	.031	12	17	.25	55	.09	2	.30	.01	.06	1	7
8106	1	4	6	29	.2	7	4	198	1.69	4	5	ND	2	23	1	2	3	33	.24	.026	11	15	.25	54	.08	6	.80	.01	.06	1	16
8107	1	5	7	44	.2	5	4	252	1.86	4	5	ND	1	20	1	2	2	35	.19	.020	11	17	.24	46	.08	2	.86	.01	.05	1	1
STD C/AU-S	17	57	37	132	7.1	67	25	1092	4.07	39	17	7	36	48	17	16	19	56	.45	.069	38	55	.91	173	.06	34	1.83	.06	.13	12	48

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NEWMONT EXPLORATION LTD. PROJECT 334 FILE # 88-3536

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
8036	1	6	9	31	.2	4	2	211	1.44	56	5	ND	2	30	1	6	2	22	.15	.025	12	10	.14	39	.03	2	.53	.01	.10	1	2
8037	7	6	25	165	.1	2	4	476	4.29	451	5	ND	2	52	1	44	2	15	.12	.071	7	5	.04	207	.01	2	.92	.01	.19	1	1
8038	2	3	9	130	.1	6	3	524	2.56	77	5	ND	1	28	1	4	2	19	.16	.067	9	8	.11	113	.01	2	1.07	.01	.11	1	1
8039	3	5	12	236	.1	5	3	1515	2.42	43	5	ND	2	27	1	10	2	10	.13	.059	6	4	.05	236	.02	3	1.23	.01	.13	1	1
8040	2	4	10	432	.1	4	3	676	2.30	30	5	ND	3	21	1	6	2	17	.20	.042	22	8	.11	243	.02	3	1.35	.01	.11	1	1
8041	1	6	11	381	.1	8	4	1059	2.09	19	5	ND	3	34	1	2	2	25	.28	.064	17	14	.21	230	.01	2	2.01	.01	.13	1	1
8042	1	5	7	35	.1	5	4	138	1.99	8	5	ND	3	32	1	2	2	35	.21	.025	15	16	.15	62	.07	2	.81	.01	.13	1	2
8043	1	5	7	52	.1	7	4	241	2.09	12	5	ND	3	22	1	2	2	36	.17	.027	13	15	.13	74	.07	2	1.07	.01	.06	1	1
8044	1	6	6	109	.3	9	4	454	2.05	17	5	ND	3	19	1	2	2	34	.15	.041	13	17	.19	79	.06	2	1.31	.01	.06	1	1
8045	1	5	5	36	.1	7	3	217	1.76	5	5	ND	3	25	1	2	3	31	.17	.028	12	13	.20	56	.07	3	1.03	.02	.04	1	1
8046	1	5	7	47	.1	5	3	226	1.36	6	5	ND	2	21	1	2	2	22	.18	.029	13	11	.20	56	.06	3	1.00	.01	.06	1	2
8047	1	3	8	38	.1	9	3	136	1.65	7	5	ND	3	25	1	2	2	28	.13	.040	13	13	.22	72	.06	2	1.05	.01	.07	1	1
8048	2	5	9	71	.1	8	4	263	2.16	35	5	ND	2	27	1	11	2	31	.15	.046	12	13	.16	99	.03	3	1.24	.01	.07	1	1
8049	5	6	12	51	.1	5	3	176	2.61	87	5	ND	3	30	1	11	2	32	.10	.030	16	14	.15	118	.04	2	1.12	.01	.08	2	1
8050	14	2	35	58	.1	1	1	153	1.91	123	5	ND	2	19	1	13	2	11	.05	.023	5	5	.02	154	.01	2	.64	.01	.17	1	1
8051	37	5	49	119	.3	1	3	926	3.97	392	5	ND	3	27	1	10	3	20	.10	.040	13	7	.05	131	.01	2	.80	.01	.20	1	1
8052	4	6	18	100	.1	5	4	352	2.97	199	5	ND	2	26	1	6	4	29	.11	.032	13	13	.16	115	.02	2	1.32	.01	.11	1	1
8053	1	4	8	73	.2	6	3	265	2.18	33	5	ND	3	16	1	2	2	34	.13	.043	10	16	.19	74	.06	2	1.29	.01	.34	1	2
8054	1	6	8	64	.1	7	4	290	2.21	5	5	ND	2	19	1	2	2	38	.19	.046	12	19	.24	90	.07	2	1.36	.01	.04	1	1
8055	1	7	8	99	.1	9	4	323	2.26	10	5	ND	3	19	1	2	2	36	.14	.042	11	17	.27	76	.07	2	1.53	.01	.05	1	15
8056	1	5	8	40	.1	6	4	219	2.43	14	5	ND	3	22	1	2	2	45	.18	.031	11	23	.22	68	.09	2	.90	.01	.05	1	1
8057	1	6	7	48	.1	9	5	253	2.51	7	5	ND	2	24	1	2	2	45	.20	.023	12	22	.27	86	.07	2	1.17	.01	.04	1	1
8058	2	7	12	71	.1	9	4	375	2.71	18	5	ND	3	16	1	2	3	42	.13	.046	12	20	.26	92	.05	2	1.73	.01	.04	1	1
8059	1	5	11	99	.1	8	4	630	2.49	19	5	ND	2	18	1	2	2	36	.15	.041	10	15	.21	95	.05	2	1.33	.01	.05	1	1
8060	1	5	12	174	.1	6	4	1055	2.45	65	5	ND	2	21	1	15	2	36	.17	.052	10	13	.12	123	.04	2	1.52	.01	.06	1	1
8061	1	8	8	79	.3	8	4	318	2.30	20	5	ND	4	14	1	2	2	34	.11	.038	12	16	.19	92	.05	2	1.55	.01	.05	1	7
8062	1	6	6	47	.4	9	4	227	2.22	28	5	ND	1	21	1	2	2	38	.19	.033	11	16	.27	67	.07	2	1.27	.01	.05	1	5
8063	1	3	6	37	.1	6	3	154	1.82	14	5	ND	1	19	1	2	2	29	.14	.021	11	11	.20	59	.05	2	.95	.01	.04	2	1
8064	1	5	6	28	.1	7	3	157	1.69	10	5	ND	2	27	1	2	2	29	.25	.044	14	17	.19	66	.07	2	.82	.01	.03	1	1
8065	1	4	5	20	.1	5	2	180	1.32	8	5	ND	2	23	1	2	2	21	.16	.024	13	10	.17	59	.06	2	.75	.01	.06	1	1
8066	1	3	7	25	.1	5	3	144	1.53	8	5	ND	2	24	1	2	2	25	.20	.024	13	13	.21	55	.06	2	.80	.02	.05	2	1
8067	1	5	5	33	.2	6	3	189	1.47	5	5	ND	2	20	1	2	2	25	.19	.024	12	11	.20	54	.06	2	.75	.01	.07	1	2
8068	1	5	6	52	.1	5	2	150	1.28	12	5	ND	2	18	1	2	3	22	.18	.033	13	11	.19	56	.05	2	1.07	.01	.05	2	1
8069	1	5	6	30	.1	6	3	168	1.84	9	5	ND	2	24	1	2	2	31	.20	.035	13	15	.20	76	.07	2	.37	.01	.05	1	2
8070	1	4	5	33	.1	9	3	200	1.30	5	5	ND	3	21	1	2	2	32	.15	.022	10	13	.19	64	.07	2	1.03	.01	.05	1	1
8071	1	4	6	38	.1	7	3	211	1.82	6	5	ND	1	22	1	2	3	32	.17	.037	11	14	.17	66	.05	2	.94	.01	.05	1	1
STD C/AU-S	17	57	35	132	7.0	68	27	1042	4.08	38	17	6	36	47	17	17	19	56	.47	.093	39	55	.92	173	.06	33	1.87	.06	.13	12	47

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

RECEIVED AUG 24 1988

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P9 SOIL P10 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 11 1988 DATE REPORT MAILED: Aug 23/88 ASSAYER. C. Leong ..D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

NEWMONT EXPLORATION LTD. PROJECT 334 File # 88-3536 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
8000	1	4	7	41	.1	7	3	205	2.04	6	5	ND	3	35	1	2	2	33	.22	.061	15	14	.19	65	.07	2	1.22	.01	.17	2	1
8001	1	3	4	39	.1	2	2	136	1.32	2	5	ND	2	35	1	2	2	23	.21	.026	17	11	.13	68	.07	2	.63	.02	.19	2	1
8002	1	2	5	20	.1	2	1	122	1.14	3	5	ND	2	44	1	2	2	20	.27	.023	18	9	.15	55	.06	7	.61	.03	.20	1	2
8003	1	5	8	47	.2	6	2	222	1.64	7	5	ND	1	46	1	2	2	27	.35	.044	29	12	.19	59	.06	2	.83	.02	.19	2	1
8004	1	5	6	28	.1	5	3	183	1.74	4	5	ND	2	35	1	2	2	32	.27	.042	18	15	.19	57	.08	2	.73	.02	.08	1	1
8005	1	7	11	67	.1	10	5	455	2.55	8	5	ND	2	64	1	2	2	38	.31	.098	19	18	.28	121	.05	2	1.68	.01	.18	1	1
8006	1	4	7	61	.1	7	2	403	1.63	3	5	ND	2	24	1	2	2	27	.23	.040	12	14	.21	77	.06	2	1.12	.01	.08	1	58
8007	1	5	6	39	.1	7	4	178	1.93	5	5	ND	2	21	1	2	2	34	.19	.037	12	15	.20	77	.08	2	1.13	.01	.07	2	1
8008	1	4	4	40	.1	9	4	225	2.16	5	5	ND	2	19	1	2	3	40	.18	.050	12	19	.23	60	.07	2	1.09	.01	.06	2	1
8009	1	5	3	42	.1	9	4	403	1.94	4	5	ND	1	31	1	2	2	32	.28	.044	17	17	.23	70	.06	2	.99	.01	.07	2	1
8010	1	6	7	38	.1	10	4	235	2.23	5	5	ND	2	26	1	2	4	42	.25	.033	13	21	.30	71	.10	2	1.06	.01	.05	2	1
8011	1	4	7	34	.1	8	3	184	1.99	3	5	ND	1	30	1	2	2	38	.27	.033	13	18	.25	73	.09	3	.65	.02	.05	1	2
8012	1	5	5	29	.2	7	3	208	1.94	5	5	ND	2	30	1	2	2	37	.26	.034	14	17	.23	76	.09	3	.82	.02	.06	2	1
8013	1	5	3	39	.1	9	4	210	2.32	5	5	ND	2	27	1	2	2	45	.26	.034	12	21	.28	67	.10	2	.93	.01	.05	2	1
8014	1	5	6	32	.1	8	4	210	1.98	4	5	ND	1	28	1	2	2	37	.23	.028	12	17	.31	61	.09	3	1.00	.01	.05	1	1
8015	2	4	11	89	.1	5	3	290	2.52	20	5	ND	1	41	1	2	2	30	.20	.071	10	14	.17	91	.04	3	.76	.01	.11	1	1
8016	2	7	17	134	.2	6	4	3315	2.19	30	5	ND	1	63	1	7	2	15	.47	.100	9	9	.10	228	.01	3	.84	.01	.13	1	1
8017	2	5	10	142	.1	6	3	919	2.31	29	5	ND	1	29	1	2	2	19	.21	.051	7	10	.12	122	.01	2	.96	.01	.09	1	1
8018	2	6	14	191	.6	8	3	328	2.43	68	5	ND	2	34	1	5	2	28	.18	.114	11	15	.19	180	.01	4	2.04	.01	.10	1	2
8019	2	4	13	168	.2	7	3	330	2.24	80	5	ND	1	25	1	8	2	30	.18	.052	11	12	.12	91	.03	2	.98	.01	.09	1	1
8020	3	5	12	115	.1	7	3	465	2.07	99	5	ND	1	33	1	9	4	26	.23	.041	11	13	.22	120	.03	2	.99	.01	.10	1	1
8021	3	6	9	135	.2	8	3	328	2.41	28	5	ND	1	21	1	2	2	26	.18	.046	9	12	.18	81	.01	2	1.03	.01	.07	1	1
8022	3	6	10	178	.2	11	4	449	2.36	29	5	ND	2	21	1	4	3	29	.16	.080	13	15	.25	134	.02	2	1.66	.01	.07	1	1
8023	3	6	13	164	.1	7	3	757	2.12	31	5	ND	1	29	1	2	2	23	.25	.064	11	11	.16	117	.01	2	1.32	.01	.08	1	1
8024	1	6	11	267	.1	8	4	1093	2.37	9	5	ND	1	28	1	2	2	29	.23	.089	12	15	.15	175	.01	2	1.77	.01	.09	1	2
8025	1	6	8	165	.1	10	3	695	2.18	10	5	ND	1	27	1	2	2	30	.22	.076	12	15	.20	110	.03	2	1.34	.01	.08	1	1
8026	2	6	14	371	.1	8	4	1302	2.71	22	5	ND	1	42	1	5	2	26	.33	.147	12	12	.18	173	.01	2	1.60	.01	.14	1	1
8027	6	5	13	150	.1	9	4	549	2.41	47	5	ND	1	36	1	8	2	32	.25	.062	13	16	.21	122	.04	2	1.19	.01	.13	1	1
8028	3	3	10	102	.1	5	3	554	1.76	23	5	ND	1	37	1	7	2	24	.29	.054	12	12	.16	109	.02	2	1.03	.01	.11	1	2
8029	2	6	9	56	.1	9	5	474	2.55	54	5	ND	1	45	1	3	3	37	.27	.050	14	17	.22	97	.04	2	1.33	.01	.14	1	1
8030	1	6	8	98	.1	9	4	333	2.41	21	5	ND	1	33	1	2	2	35	.28	.096	13	17	.24	84	.04	9	1.54	.01	.10	1	1
8031	2	7	7	108	.1	6	3	1059	1.51	23	5	ND	1	22	1	2	2	20	.13	.035	16	11	.16	100	.03	2	1.18	.01	.11	1	1
8032	1	4	7	42	.2	6	3	242	1.55	4	5	ND	2	23	1	2	2	27	.17	.030	13	13	.17	52	.06	2	.84	.01	.11	2	1
8033	1	3	6	28	.1	5	3	169	1.67	10	5	ND	2	42	1	2	4	29	.19	.034	14	13	.16	69	.07	2	.81	.02	.17	1	1
8034	1	5	9	89	.1	7	5	758	2.00	20	5	ND	1	34	1	2	2	30	.30	.081	13	15	.18	113	.02	2	1.32	.01	.11	1	1
8035	1	3	10	41	.1	5	3	195	1.62	11	5	ND	1	20	1	2	2	28	.16	.025	12	13	.18	52	.06	3	.86	.01	.07	2	1
STD C/AU-S	18	57	36	132	7.2	67	28	1032	4.05	38	19	7	37	47	17	16	19	58	.46	.083	39	56	.91	177	.06	33	1.86	.06	.13	12	52

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APPENDIX III

REPORT ON THE GEOPHYSICAL GROUND SURVEYS

ON THE WHITE CLAIMS

By

H. Limion, Chief Geophyscist

November 1, 1988

Location: British Columbia   NTS: 93F/11E, 6W
Latitude 53°30'N Longitude 125°05'W

Work done by: Newmont Exploration of Canada Limited
Work done between: July 10 - July 20, 1988

TABLE OF CONTENTS

Maps at 1:5000 Scale

SUMMARY

Magnetic surveys map geology by mapping the distribution of magnetite. VLFR surveys map geology and alteration by mapping bulk resistivities which are affected by characteristic rock porosities and permeability, and by the presence of conductive or resistive cover. These surveys were carried out on the White grid.

The White grid survey demonstrated relatively low magnetic signatures. A few magnetic highs correspond to some basalt float boulders found nearby. A narrow, elongate magnetic unit is suggested in one area. The resistivity survey indicated three definite fault-related contact zones near the Arrow Lake and Gus Showing areas. It should be noted that the overburden noise level is approximately 30 - 100 ohm metres and thus indicates a significant thickness of overburden throughout much of the property.

NEWMONT

OOTSA PROJECT

Location Map

B.C. NTS: 93 F 11

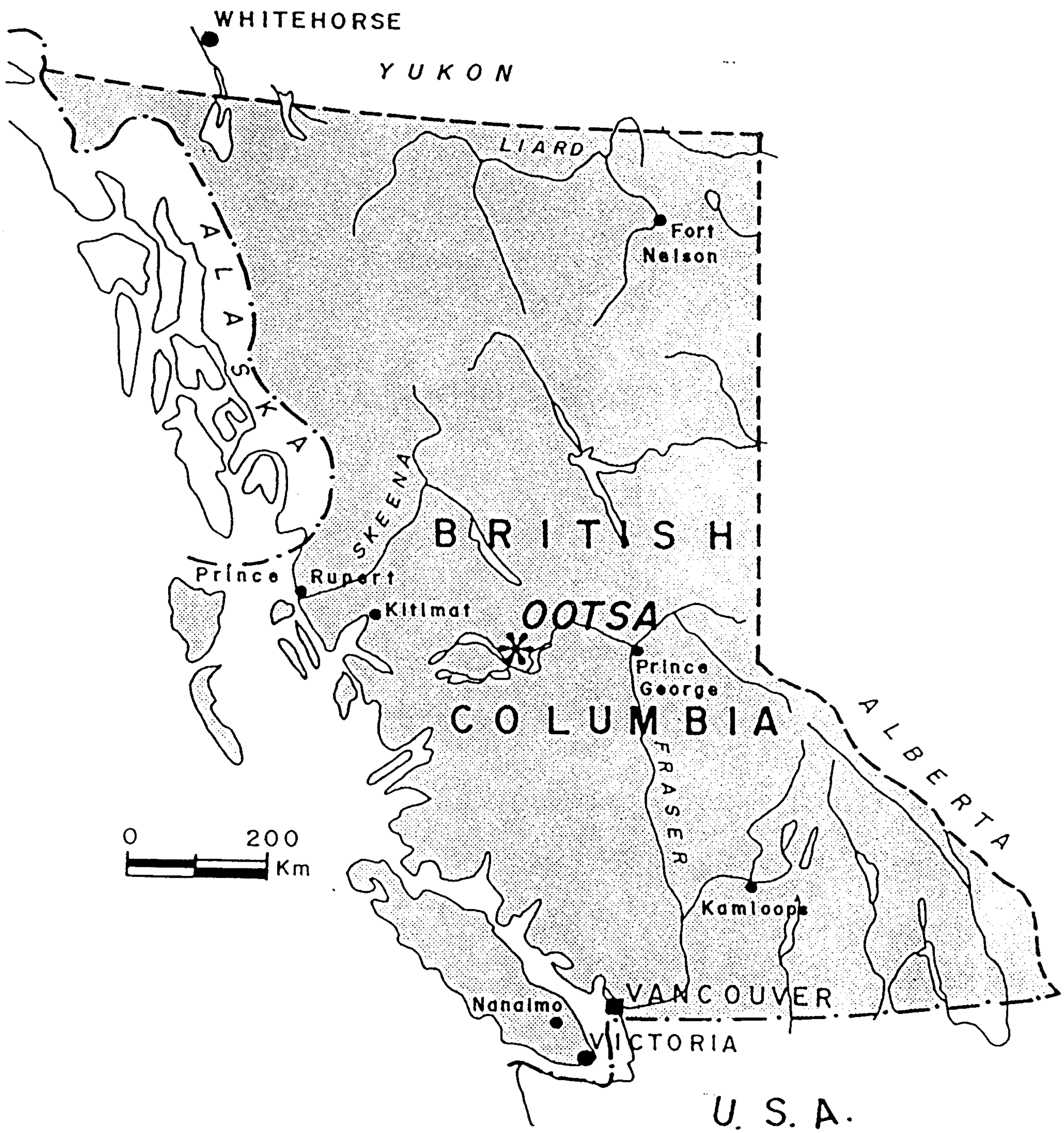


FIGURE 1

INTRODUCTION

A Landsat lineament study by J. Nebocat in the spring of 1986 indicated a concentration of lineaments on the Nechako River map sheet (93F). These are in an area underlain by early to mid Tertiary felsic volcanics and pyroclastics known as the Ootsa Lake Group.

Field reconnaissance in 1986 showed target areas. In 1987, several showings were staked by Newmont. In 1988, work continued in the area and on the claims. Geophysical work on the gridded portions of the claims included magnetic and VLF resistivity surveys. The magnetic surveys will generally map magnetite distribution and help in delineating rock-type, structures, and breaks. The VLF resistivity survey maps the apparent resistivity of the ground. The resistivity is related to porosity and permeability which, in turn, are affected by overburden cover, rock type, and alteration.

Location, Access, Topography

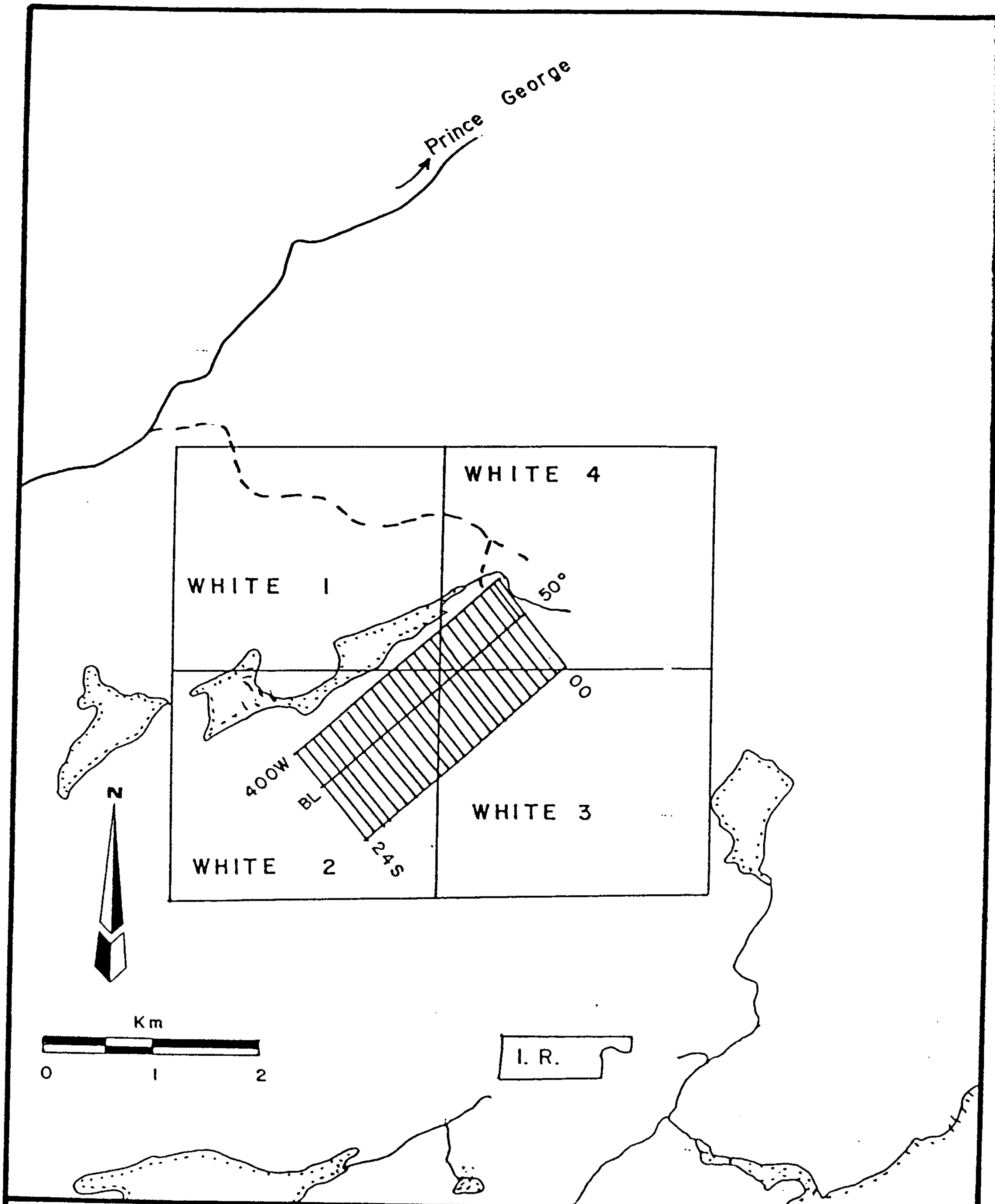
The claims are in the gently rolling areas of pine and fir west of Prince George. Elevations on the claim group from 2900' to 3500' ASL, with the steepest slopes being 15-20% over 1/2 km. Underbrush is quite sparse.

Access is approximately 120 km by logging road, either from Vanderhoof or Burns Lake. The northwest corner of the grid is accessible by road.

Geology and Previous Work

The general bedrock is the late Cretaceous-Eocene Ootsa Lake Group volcanics, which unconformably overlie the Middle Jurassic Hazelton group volcanics and sediments. Both are overlain by predominantly basaltic lavas of the Oligocene-Miocene Endako Group.

Mingold staked several showings in the area in 1986. In September 1987, Newmont staked 80 claim units comprising the White claims. These were prospected, and several showings have been found. At the Arrow Lake Showing, high values on antimony and mercury are encouraging as pathfinders for gold mineralization. At the Gus Showing, a silicified fault zone in rhyolite yield Au and As values up to 795 ppb and 8452 ppm, respectively.



NEWMONT EXPLORATION OF CANADA LTD.

OOTSA - WHITE PROJECT

Drawn by	Date	Revised by	Date
H.L.	Nov. /88		

Grid Location

Twp. of

NTS.: 93F11

Project Chief:

Scale:

Province: B.C.

Date: NOV. 1988

FIGURE 3

Geophysical Survey and Coverage

1) Magnetic

The magnetic survey was designed to read all the lines, which are 100m apart, at 12 1/2m spacing. An EDA OMNI IV proton precession magnetometer was read in the field, with readings corrected to a base station which was monitoring the diurnal every 30 sec.

The readings and coverage for each grid were:

Grid	No. of Readings	Coverage
White	2150	28 km

2) VLFR

A Geonics EM16R read the apparent resistivity. Readings for this survey were made on the grid lines at 25m spacings. The VLF transmitter at Annapolis, Maryland was chosen for the White grid survey.

Coverage was:

Grid	No. of Readings	Coverage
White	1094	27 km

Results and Interpretation

With the VLFR survey, we expect to see higher resistivities in areas of silicification, where alteration has decreased the porosity of the rock. In places where clay overburden is thicker, we expect a decrease in apparent resistivity. Specific rock types may be mappable by their resistivities.

The magnetic survey should define some rock types by their magnetite content. The overlying Tertiary plateau basalts are magnetically active, for example. Offsets in magnetic features, or a flat magnetic field may be significant.

(i) White grid

The thickness of the overburden (till) on the White property effectively masks the resistivity trends over much of the grid. However, there appear to be mappable trends on the order of 150-250 ohm-metre contrast. Much of the change in the resistivity will be caused by a change in overburden depth.

There are three definite contact zones indicated by the resistivity survey. The first is a contact along lines 7-14S at 500W (just along the Arrow Lake), which corresponds to the outcrop of the original discovery showing. The second is a resistive structure covering lines 14-17S from 25-250E. The third is a definite fault scarp along lines 20, 21S at 325W, where some siliceous fault breccia was found in subcrop. The 300m by 200m area known as the Gus Showing displays a strong resistivity high. The E-W fault lineament trend noted on the airphotos is also defined by the contours.

The magnetic field strength shows a trend slightly east of grid north. A unit is mappable from 1800S/175W to 200S/200E A parallel magnetic unit is seen from 1100S/200W to 200S/100W. A magnetically flat area occupies the eastern part of the map, and it may correspond to a discrete geologic unit. Basalt float boulders were noted nearby.

Conclusions and Recommendations

The magnetic and VLFR surveys both proved of value on this project in defining contacts, faults and the extent of the units. There is a definite advantage in continuing the VLFR survey over selected zones after the 25m field survey has been completed. The detailed VLFR has the potential for defining trench targets, and initial drill targets over areas of moderate overburden thickness. As well, there is potential for some IP test lines to further detail drill targets along these same zones, where in some cases, there occur 5-10% sulphides. Extensive IP coverage is not encouraged, as in general, overburden is extensive and sulphide rich rocks are erratically distributed in fault structures. It is possible that a VLF EM survey will give extra detail over areas of high overburden, since other companies in the area have had success in defining contacts.

H. LIMION
STATEMENT OF QUALIFICATIONS

I, Heikki Limion, received my B.A.Sc degree in Engineering Science (Geophysics Option) from the University of Toronto in 1965.

I spent two summers in geophysical field work; one with Hudson's Bay Oil and Gas, and one with INCO Exploration.

In 1965-66 I worked for one year with Hudson's Bay Oil & Gas as a Junior Geophysicist in seismic field work.

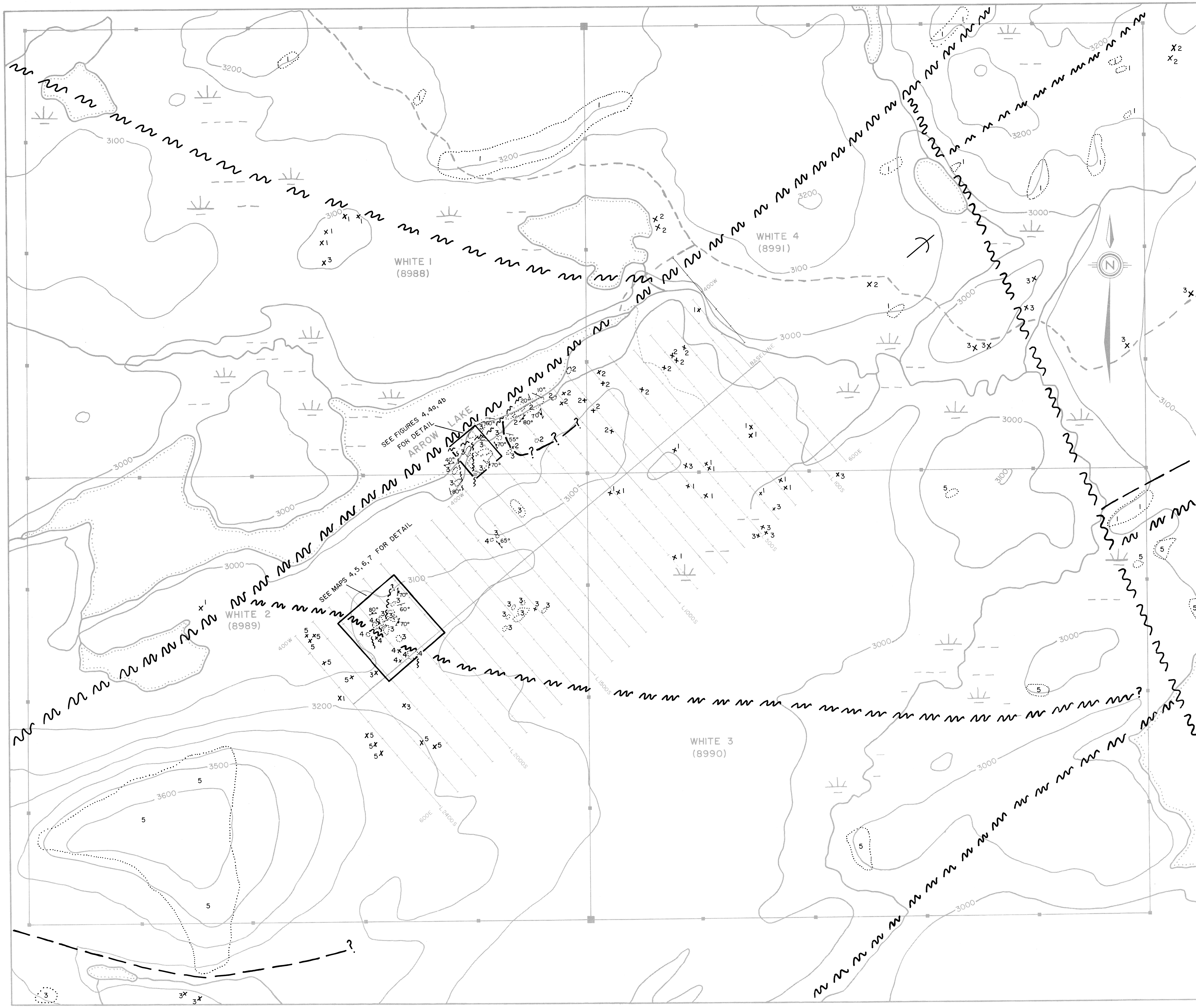
From 1967-1976 I worked with INCO Exploration, on ground and airborne geophysical surveys. I was in charge of airborne geophysical operations for four years, and worked on research and development of airborne geophysical systems. I conducted ground geophysical surveys in Canada, U.S.A., and Brazil.

In 1977 and 1978 I was the head of the geophysics sections in the Kenya Department of Mines and Geology. During this time, I was under contract to CIDA (the Canadian International Development Agency).

Since the beginning of 1979, I have held the position of Chief Geophysicist of Newmont Exploration of Canada Limited.

I am a member of the Society of Exploration Geophysicists, the Association of Professional Engineers of Ontario, and the Prospectors and Developers Association.

REGISTERED PROFESSIONAL ENGINEER
H. LIMION
PROVINCE OF ONTARIO



LEGEND

MIOCENE ENDAKO GROUP

1 Basalt flows; vesicular, blocky

EOCENE OOTSA LAKE GROUP

2 Arkosic Sandstone; abundant feldspar and grey quartz, locally veined; minor mudstone/shale layers.

3 Rhyolite/Dacite; flow banded to tuffaceous phases common; buff beige to grey colour.

4 Lithic Tuff; grey/black to brown ash matrix, lithic fragments include felsic volcanic breccia and grey quartz.

5 Latite Porphyry flows and tuffs; fleshy-pink colour.

Glacial direction

Outcrop area

Residual rock and/or angular float

Geologic contact

Fracture attitude

Bedding, flow banding attitude

Fault

Trench location

4-Wheel drive access road

Trail

Swampy/marshy area

Contour line (100ft. intervals)

Legal corner post

Claim line and I.D. post

Grid line (marked in 100m intervals)

Claim posts and boundaries placed by hip chain and compass

Grid lines established by chain and compass

SCALE

0 100 500m

MAP 1

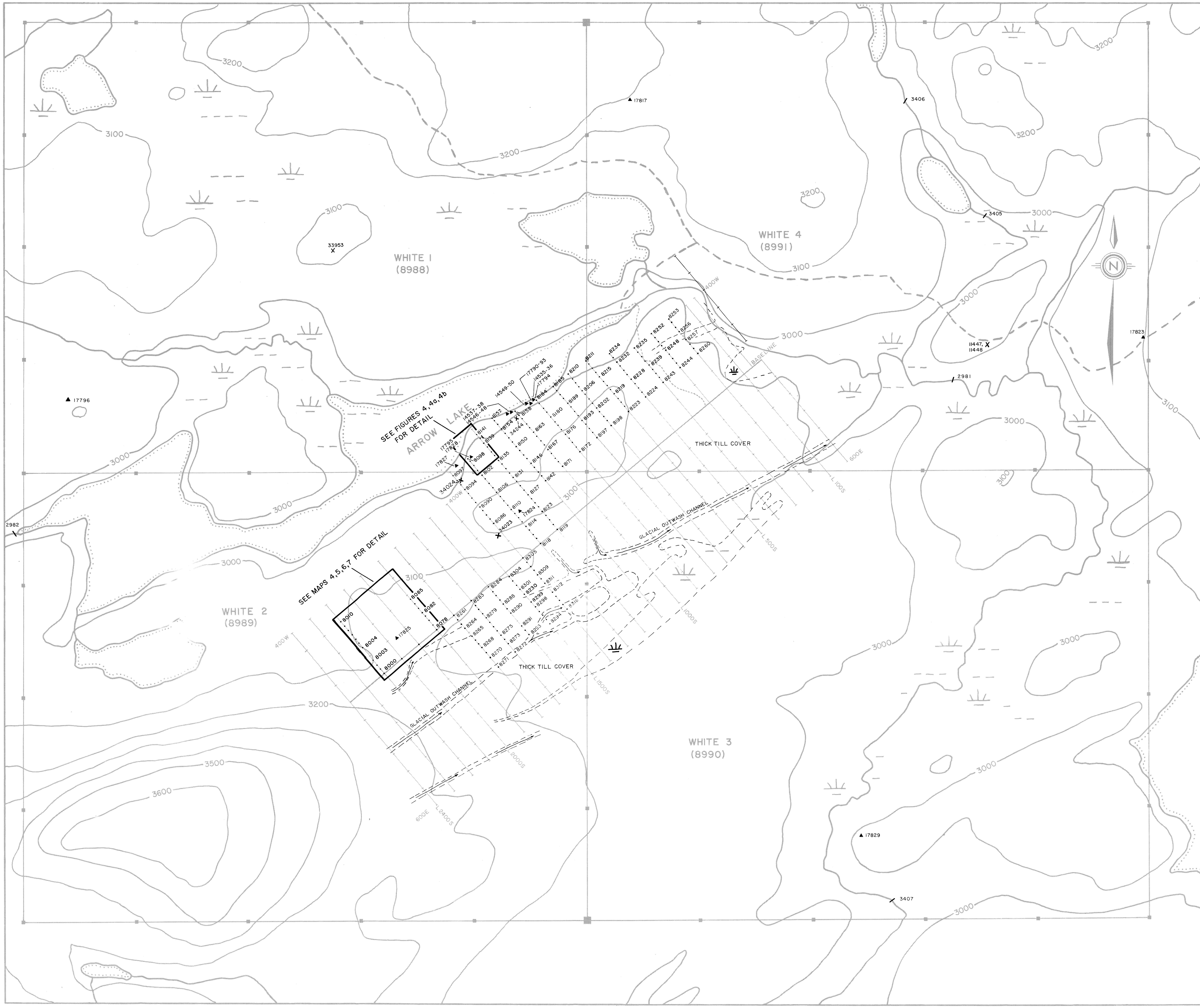
NEWMONT EXPLORATION OF CANADA LIMITED

WHITE PROPERTY

GEOLOGY 18,191

OMINECA MINING DIVISION

SCALE	LOCATION	DATE
1:5000	93F/11,6	NOV. 5/88
SURVEY BY DB/AC	DRAWN BY DB/AC	NUMBER MAP 1



LEGEND

X	Rock sample location (1988)
33251 X	Rock sample number
▲	Rock sample location (1987)
17365 ▲	Rock sample number
	Soil sample locations
8211 8212	Soil sample numbers
	Silt sample locations
8236	Silt sample number
	Glacial features
	4-Wheel drive access road
	Trail
	Swampy/marshy area
3000	Contour line (100 ft. intervals)
	Legal corner post
	Claim line and I.D. post
L100S	Grid line (marked in 100m intervals)

Claim posts and boundaries placed by hip chain and compass

Grid lines established by chain and compass

SCALE

0 100 500m

MAP 2

NEWMONT EXPLORATION OF CANADA LIMITED

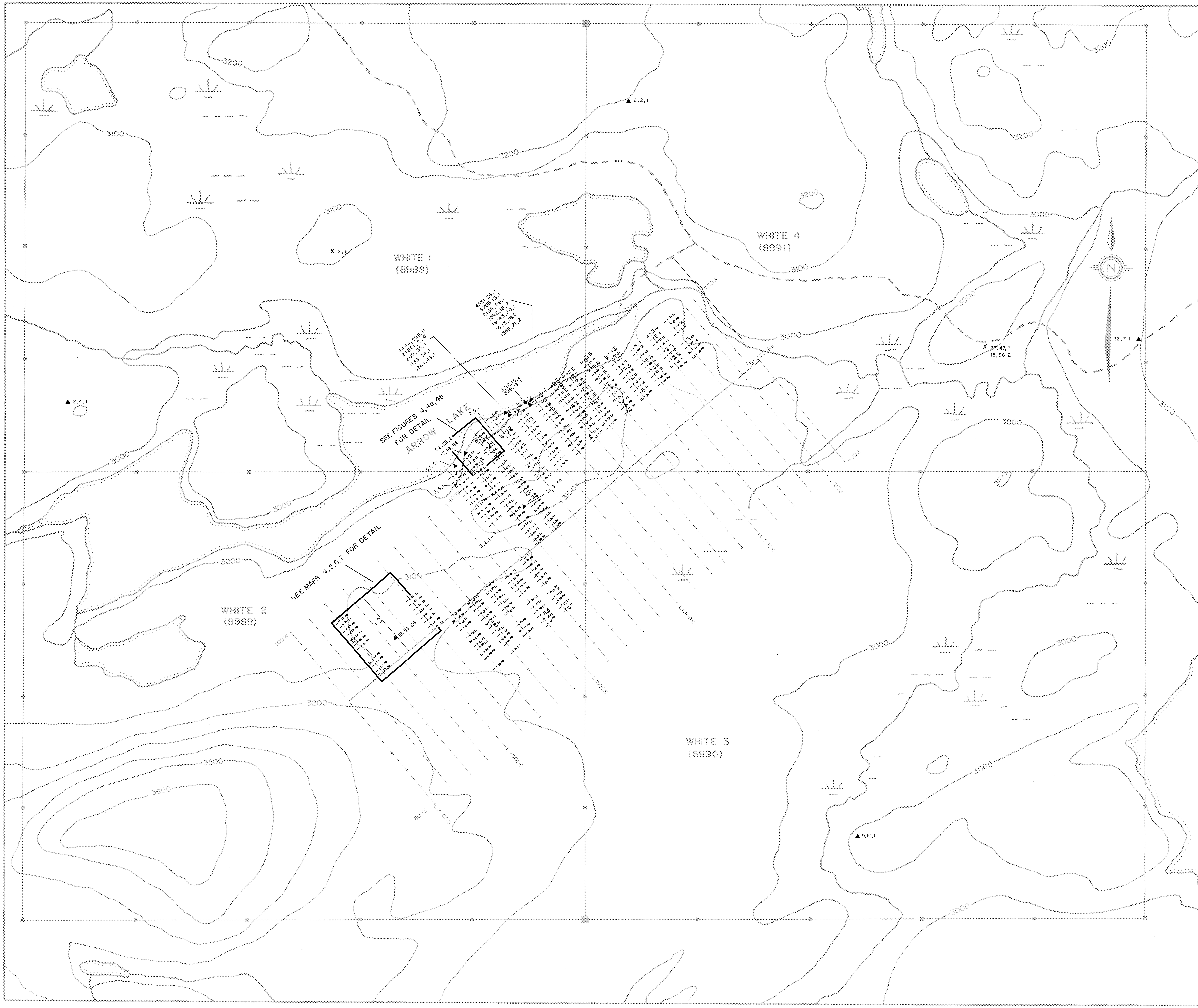
WHITE PROPERTY

SAMPLE LOCATIONS

18,191

OMINECA MINING DIVISION

SCALE 1:5000	LOCATION 93F/11,6	DATE NOV. 5/88
SURVEY BY DB/AC	DRAWN BY DB/AC	NUMBER MAP 2



LEGEND

X Rock sample location (1988)

x Sb(ppm), As(ppm), Au(ppb)

▲ Rock sample location (1987)

▲ Sb(ppm), As(ppm), Au (ppb)

Soil sample location

15 Sb (ppm)
2 As (ppm)
1 Au (ppb)

Trench location

4-Wheel drive access road

Trail

Swampy/marshy area

3000 Contour line (100 ft. intervals)

Legal corner post

Claim line and I.D. post

L100S Grid line (marked in 100m intervals)

Claim posts and boundaries placed by hip chain and compass

Grid lines established by chain and compass

SCALE

0 100 500m

MAP 3

NEWMONT EXPLORATION OF CANADA LIMITED

WHITE PROPERTY

GEOCHEMISTRY Sb, As, Au

18,191

OMINECA MINING DIVISION

SCALE 1:5000	LOCATION 93F/11,6	DATE NOV.5/88
SURVEY BY DB/AC	DRAWN BY DB/AC	NUMBER MAP 3

LEGEND
1 LITHIC TUFF
-grey to brown ash matrix, lithic fragments include clay altered felsic volcanic and dark quartz ranging 1 to 5mm in size.
2 RHYOLITE
-grey to bleached white color, platy to massive; localized zones of dark grey to milky white quartz veinlets 1mm to 5cm wide.
3 DACITIC FLOW/TUFF
-bleached, banded dacite with elongate mafic minerals; hornblende, biotite noted.
py Pyrite
asp Arsenopyrite
st Stibnite
marc Marcasite
lim Limonite
hem Hematite
Geologic contact
60° Fracture attitude
70° Bedding, flow banding attitude
Fault
Trench location
Outcrop area
Area of residual rock/subcrop
MARSHY AREA
L2100S Grid line (marked off in 25metre intervals)
All grid lines surveyed in by chain and compass method
SCALE
0 12.5 25 50m
NEWMONT EXPLORATION OF CANADA LIMITED
WHITE PROPERTY
GEOLOGY
GUS SHOWING AREA 18,191
OMINECA MINING DIVISION
SCALE: 1:500
LOCATION: 93F/11E
DATE: NOV. 5/88
SURVEY BY: DB/AC
DRAWN BY: DB/AC
NUMBER: MAP 4
THICK OVERBURDEN COVER
THICK OVERBURDEN COVER
300W
250W
200W
150W
100W
50W
BASELINE
L2200S
L2100S
L2050S
L2000S
L1900S
Angular rhyolite fragments with quartz veinlets
Unaltered lithic tuff
poor to well silicified, fractured lithic tuff
Brecciated, silicified rhyolite
py, asp, st
vuggy quartz py, asp, marc
dark grey chalcedonic quartz
Brecciation, py, marc, asp
veinlets, py
vuggy, drusy quartz veinlets, tension fractures
Breccia, quartz flooding, py, asp
minor veining
hem, lim
hem, lim, py, asp, st breccia, silicified tuff
py, asp veinlets
hem, lim
minor grey chalcedonic quartz
lim, hem, microveining
sheared, friable rhyolite
py, asp
Brecciated, vuggy quartz infillings, cherty
Brecciation, veinlets, st, asp


THICK OVERBURDEN COVER
SEE ENLARGEMENT OF TRENCH
SCALE
0 2 5metres
1:250
300W
250W
200W
150W
100W
50W
BASELINE
L2200S
L2100S
L2050S
L2000S
L1900S
LEGEND
▲ 125, 0.2 ▲Au(ppb), Ag(ppm)
● 1, 0.2 ●Au(ppb), Ag(ppm)
▲ Rock sample location
● Soil sample location
Fault
Trench location
Outcrop area
Area of residual rock/subcrop
MARSHY AREA
L2100S Grid line (marked off in 25metre intervals)
All grid lines surveyed in by chain and compass method
SCALE
0 12.5 25 50m
NEWMONT EXPLORATION OF CANADA LIMITED
WHITE PROPERTY
GEOCHEMISTRY Au, Ag
GUS SHOWING AREA 18,191
OMINECA MINING DIVISION
SCALE: 1:500
LOCATION: 93F/11E
DATE: NOV. 5/88
SURVEY BY: DB/AC
DRAWN BY: DB/AC
NUMBER: MAP 5


SEE ENLARGEMENT OF TRENCH
THICK OVERBURDEN COVER
BASELINE
300W
250W
200W
150W
100W
50W
L2200S
L2100S
L2050S
L2000S
L1900S
SCALE
0 2 5metres
1:250
LEGEND
221,30 As(ppm), Sb(ppm)
5,2 As(ppm), Sb(ppm)
Rock sample location
Soil sample location
Fault
Trench location
Outcrop area
Area of residual rock/subcrop
MARSHY AREA
L2100S Grid line (marked off in 25 metre intervals)
All grid lines surveyed in by chain and compass method
SCALE
0 12.5 25 50m
NEWMONT EXPLORATION OF CANADA LIMITED
WHITE PROPERTY
GEOCHEMISTRY As, Sb
GUS SHOWING AREA 18,191
OMINECA MINING DIVISION
SCALE: 1:500
LOCATION: 93F/11E
DATE: NOV. 5/88
SURVEY BY: DB/AC
DRAWN BY: DB/AC
NUMBER: MAP 6

SEE ENLARGEMENT OF TRENCH
34270
34266
34265 to 34263
34271 to
34262 to 34260
34273
34256
34257 to 34259
34251
SCALE
0 2 5 metres
1:250
THICK OVERBURDEN COVER
BASELINE
300W
250W
200W
150W
100W
50W
L2200S
L2100S
L2050S
L2000S
L1900S
8000
8001
8002
8003
8004
8005
8006
8007
8008
8009
8010
8011
8012
8013
8014
8015
8016
8017
8018
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8020
8021
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8062
8063
8064
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8067
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8072
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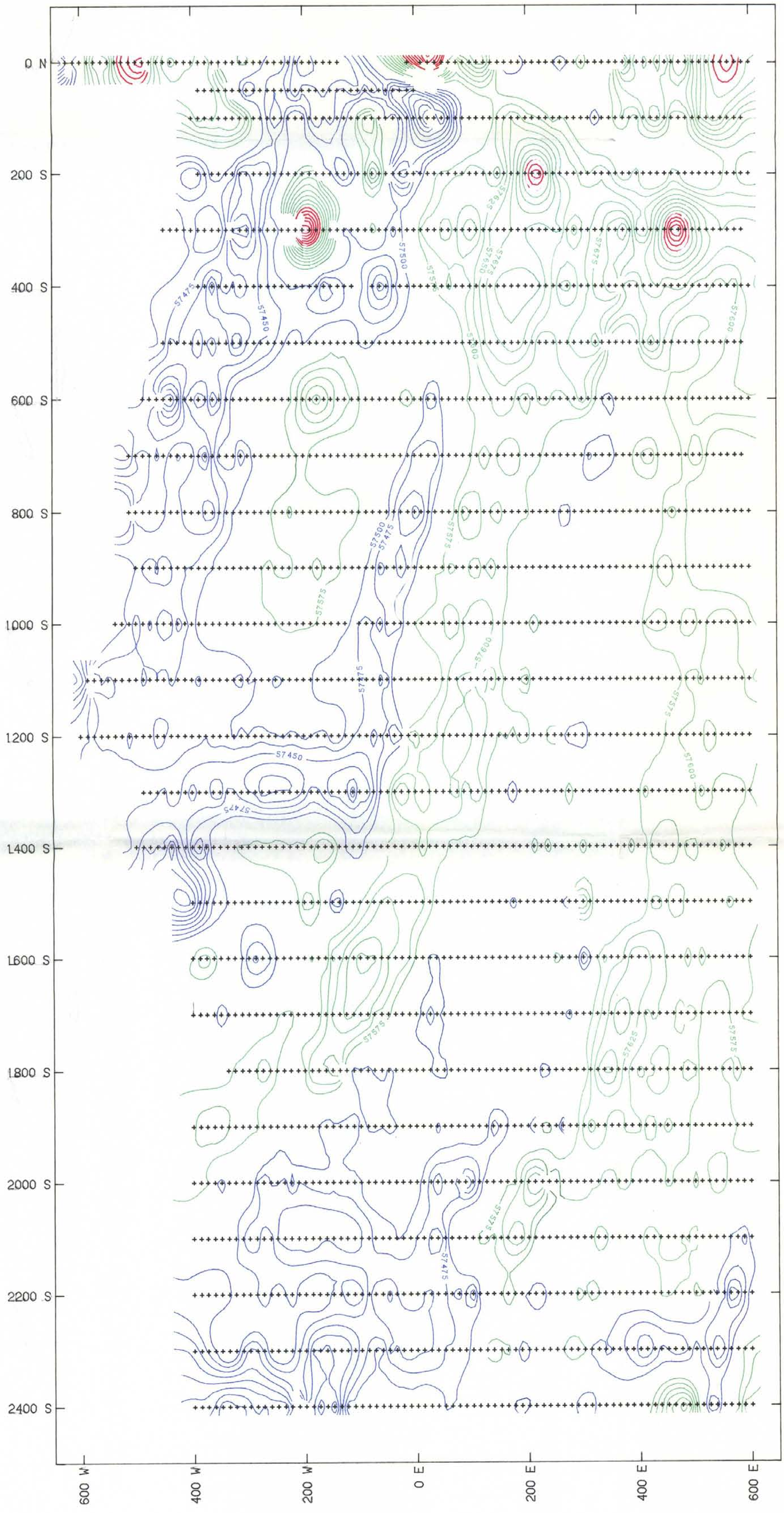
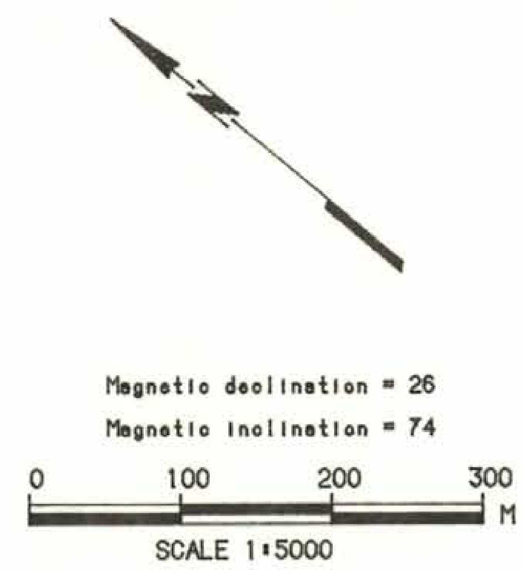
8074
8075
8076
8077
8078
8079
8080
8081
8082
8083
8084
8085
33960
33459
33460
34172, 34173
34170
34171
33785
34277 to
34274
34243
34278
33488
33961
34177-179
34174-176
34180-34185
34160-163
34186, 187
34279
33489
34168
34164-167
17825
33971, 972
34169
33968-33970
33962
33963
33964-
33967
LEGEND
34280 Rock sample number
8023 Soil sample number
Rock sample location
Soil sample location
Fault
Trench location
Outcrop area
Area of residual rock/subcrop
MARSHY AREA
L2100S Grid line (marked off in 25 metre intervals)
All grid lines surveyed in by chain and compass method
SCALE
0 12.5 25 50m
NEWMONT EXPLORATION OF CANADA LIMITED
WHITE PROPERTY
SAMPLE LOCATIONS
GUS SHOWING AREA 18,191
OMINECA MINING DIVISION
SCALE: 1:500
LOCATION: 93F/11E
DATE: NOV. 5/88
SURVEY BY: DB/AC
DRAWN BY: DB/AC
NUMBER: MAP 7





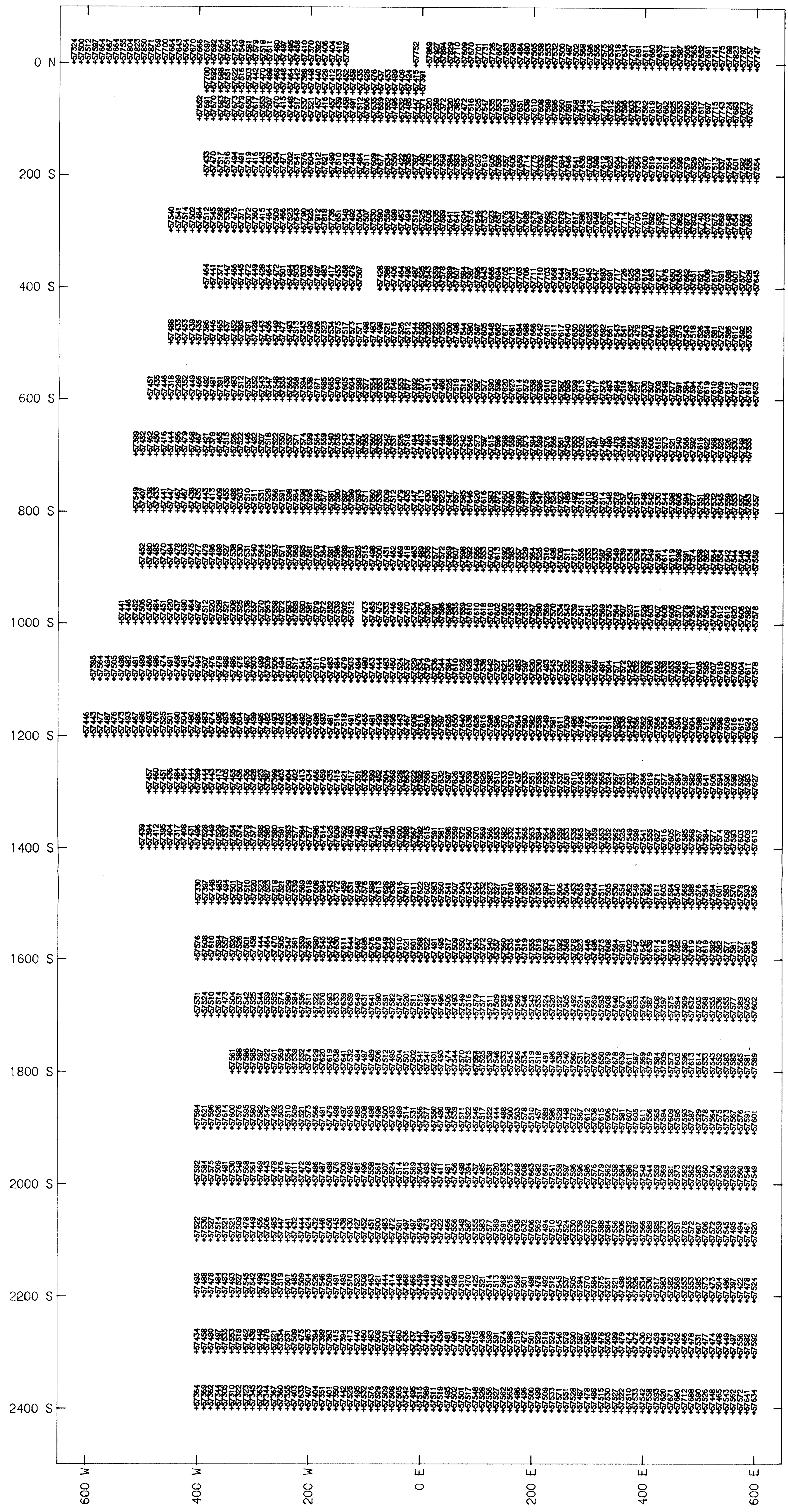
18,191

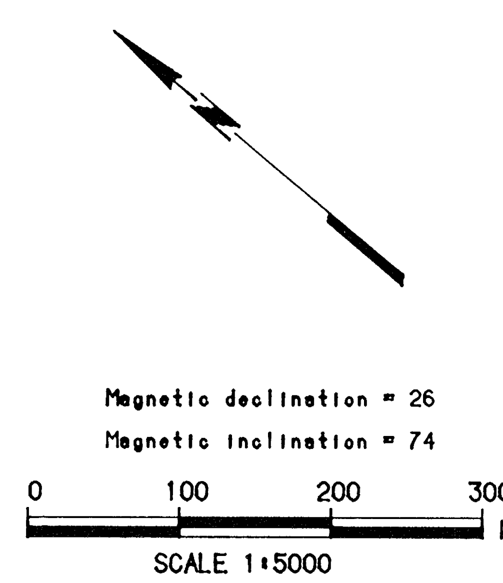
NEWMONT EXPLORATION CANADA LTD

MAGNETIC SURVEY CONTOURS

OOTSA PROJECT WHITE GRID NTS 93F11
EDA OMNI IV MAG CORRECTED TO BASE STATION
CONTOURS AT 50 GAMMAS
FIELD SURVEY BY KEN READ - JUNE 14-19,1988

HL JULY 88





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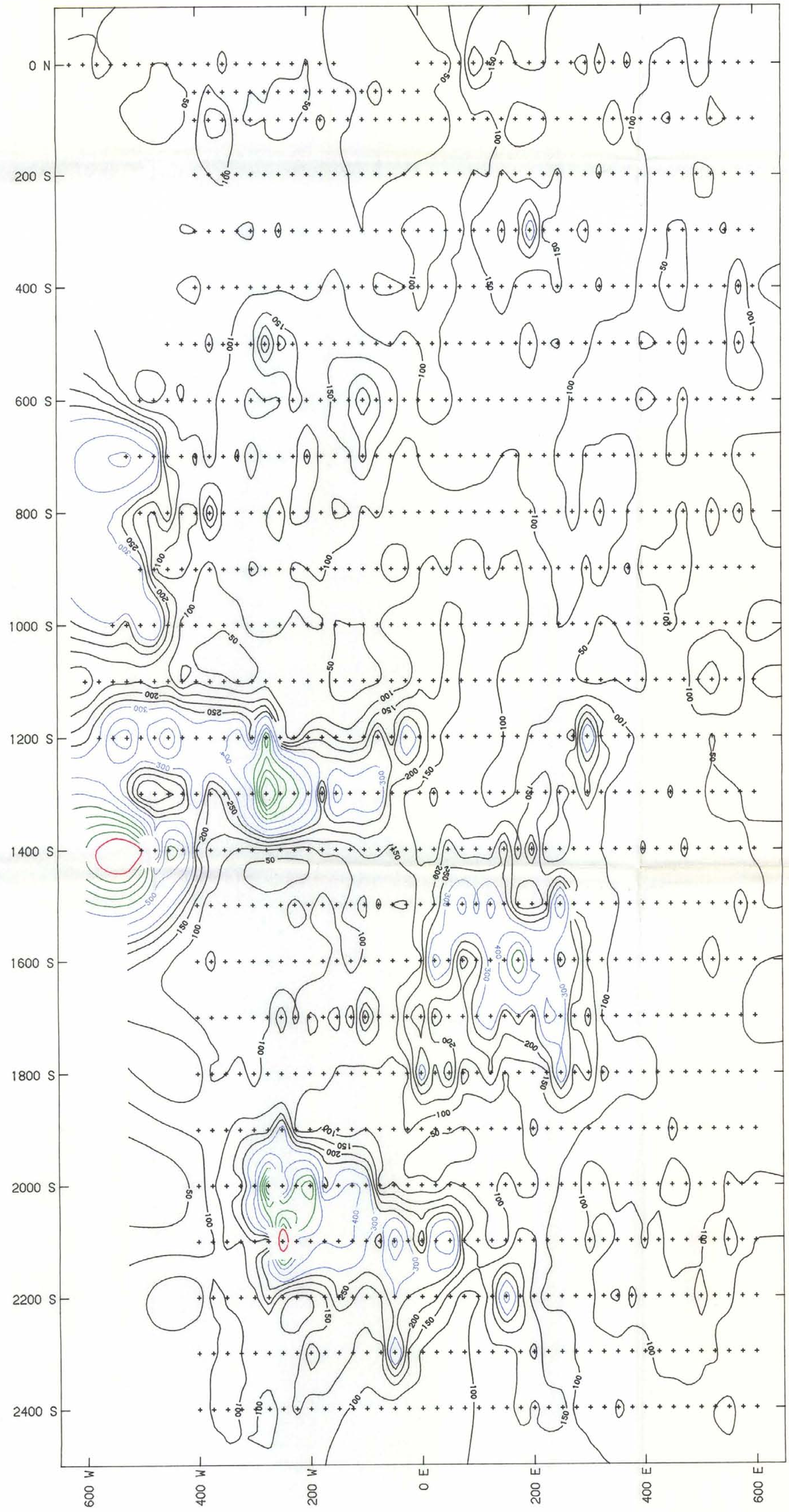
NEWMONT EXPLORATION CANADA LTD

MAGNETIC SURVEY VALUES

OOTSA PROJECT WHITE GRID NTS 93F11
EDA OMNI IV MAG CORRECTED TO BASE STATION
VALUES IN GAMMAS
FIELD SURVEY BY KEN READ - JUNE 14-19, 1988

HL NOV 88



PROCESSING AND DISPLAY

Gridding : MINCGRID
Contouring: PLCNTS
Units : ohm-m

Contour Intervals
Black : 50 to 250 every 50
Blue : 300 to 500 every 100
Green : 600 to 900 every 100
Red : 1000 to 3500 every 250

Magnetic declination = 26
Magnetic inclination = 74

0 100 200 300 M
SCALE 1:5000

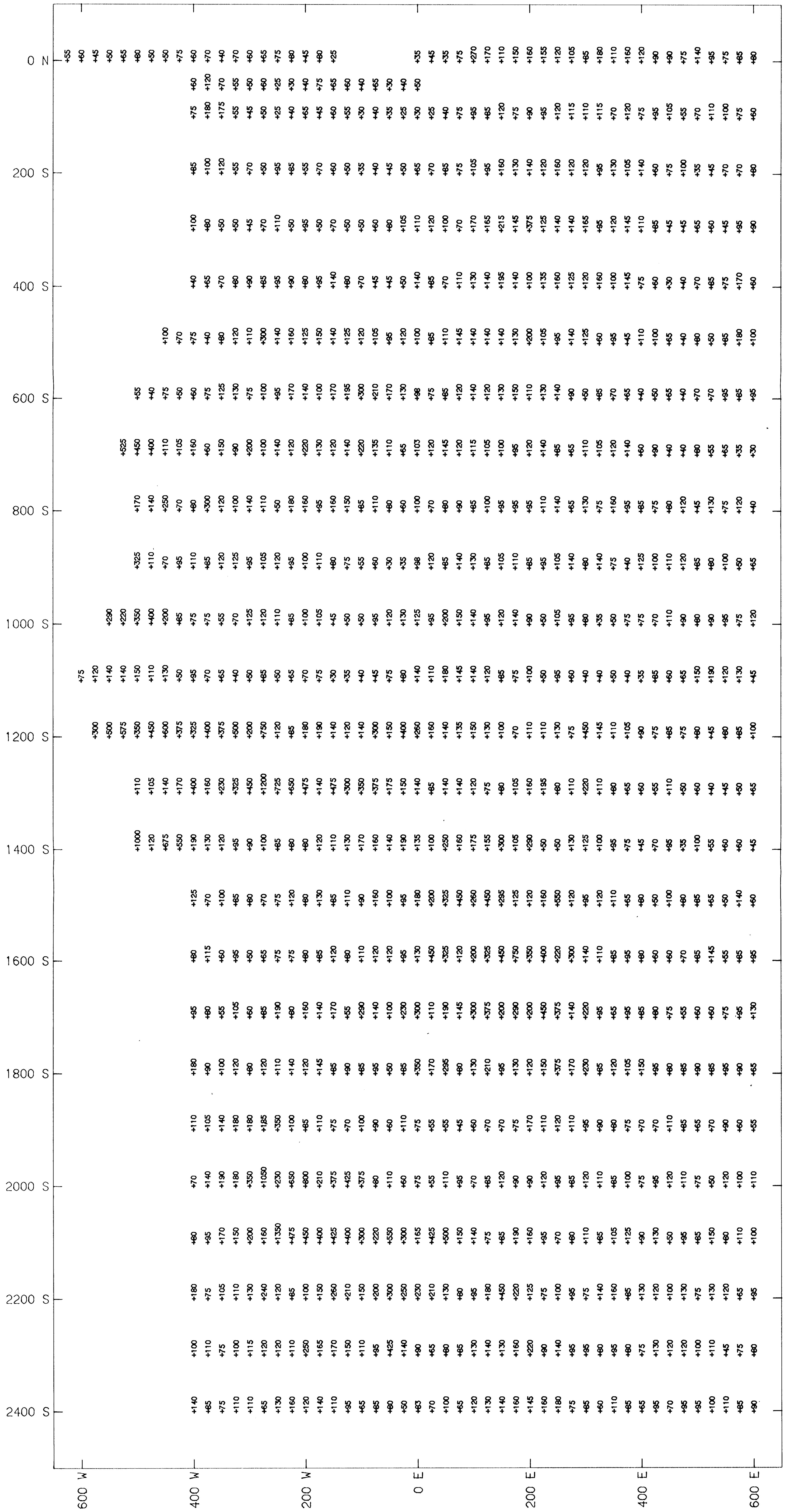
18,191

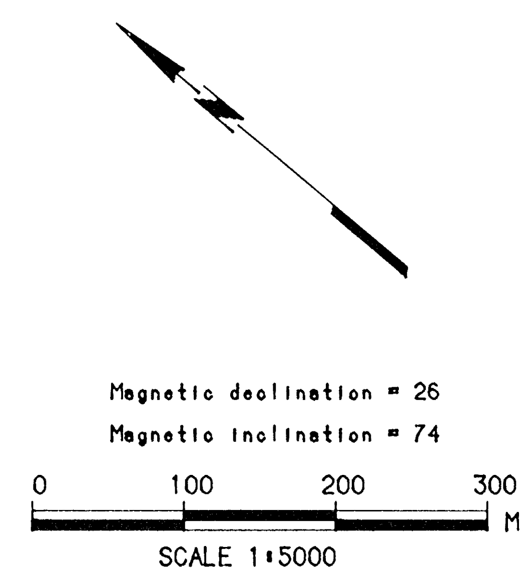
NEWMONT EXPLORATION CANADA LTD

VLF RESISTIVITY CONTOURS

OOTSA PROJECT WHITE GRID NTS 93F11
GEONICS EM 16R 10 M.ELECTRIC DIPOLE
TRANSMITER NSS AT ANNAPOLIS MD 21.4 KHZ

FIELD SURVEY BY N. SINGH. JULY 10 - 16,1988
HL AUG 88





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NEWMONT EXPLORATION CANADA LTD

VLF RESISTIVITY VALUES

OOTSA PROJECT WHITE GRID NTS 93F11
GEONICS EM 16R 10 M ELECTRIC DIPOLE
TRANSMITTER NSS AT ANNAPOLIS MD 21.4 KHZ
VALUES IN OHM-M
FIELD SURVEY BY N. SINGH. JULY 10 - 16, 1988
HL NOV 88