

2/86

MQ Report #86
Ref: RM1403

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EQUESIS CREEK CLAIMS

GEOCHEMISTRY, PROSPECTING AND ROCK SAMPLING

Vernon Mining Division

N.T.S. 82 L/6

Latitude 50°21'N Longitude 119°25'W

UTM 329000E, 5583000N

By

D. Brown and A.W. Gourlay

of

MineQuest Exploration Associates Limited

<u>Claim Name</u>	<u>Record No.</u>	<u>Units</u>	<u>Date Recorded</u>
Peak I	1476	20	March 04, 1983
Peak II	1433	20	February 10, 1983
Peak III	1434	20	February 10, 1983
Peak IV	1477	20	March 04, 1983
Lake III	1427	20	February 10, 1983
Lake IV	1428	20	February 10, 1983
Irish I	1497	18	March 25, 1983
Irish II	1498	18	March 25, 1983

February, 1985

85-500-13749

MQ Report #86
Ref: Rm1403

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,749

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TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	1
2.0 LOCATION, ACCESS AND TOPOGRAPHY	2
3.0 OWNERSHIP AND CLAIM STATUS	3
4.0 HISTORY AND PREVIOUS WORK	4
5.0 WORK CARRIED OUT IN 1984	6
5.1 Grid Layout	6
5.2 Soil Sampling	6
5.2.1 Irish II Grid	6
5.2.2 Peak II Grid	6
5.3 Geological Mapping, Prospecting, and Rock Sampling	7
5.4 Laboratory Methods	7
5.5 Personnel	8
6.0 GEOLOGY	9
6.1 Regional Geology	9
6.2 Property Geology	10
7.0 RESULTS	16
7.1 Soil Sampling	16
7.1.1 Irish II Grid	16
7.1.2 Peak II Grid	16
7.2 Geological Mapping, Rock Sampling, and Prospecting	16
7.2.1 Irish II Grid	16
7.2.2 Peak II Grid	16
8.0 CONCLUSIONS	17
9.0 REFERENCES	18

LIST OF TABLES

<u>Table</u>		<u>Page</u>
I	Claim Status	3
II	Rock Units	11

LIST OF APPENDICES

Appendix	Ia	Soil Composite Sample Results Irish II Grid
Appendix	Ib	Soil Composite Sample Results Peak II Grid
Appendix	Ic	Rock Sample Results - Irish II Grid
Appendix	II	Statement of Qualifications
Appendix	III	Cost Statement
Appendix	IV	Statement of Exploration and Development

LIST OF ILLUSTRATIONS

<u>Figure</u>		<u>Location in Report</u>
1	Location Map (Plan #754)	after page 2
2	Grid Locations (Plan #755)	after page 6
3	Geology (Plan #756)	in pocket
4a	Irish II Grid Lead in Soil (Plan #757)	in pocket
4b	Irish II Grid Arsenic in Soil (Plan #758)	in pocket
4c	Irish II Grid Antimony in Soil (Plan #759)	in pocket
4d	Irish II Grid Silver in Soil (Plan #760)	in pocket
4e	Irish II Grid Gold in Soil (Plan #761)	in pocket
4f	Irish II Grid Geology (Plan #767)	in pocket
4g	Irish II Grid Rock Sample Locations and Results (Plan #768)	in pocket
5a	Peak II Grid Lead in Soil (Plan #762)	in pocket
5b	Peak II Grid Arsenic in Soil (Plan #763)	in pocket
5c	Peak II Grid Antimony in Soil (Plan #764)	in pocket
5d	Peak II Grid Silver in Soil (Plan 765)	in pocket
5e	Peak II Grid Gold in Soil (Plan 766)	in pocket

1.0

INTRODUCTION

The Equisis Creek claims were staked on the basis of gold associated with anomalous quantities of arsenic in heavy mineral samples taken from stream sediments. In 1983 follow-up silt sampling, contour soil sampling, prospecting and preliminary rock sampling identified geochemically anomalous areas that warranted further exploration effort.

This report describes the 1984 program, which was directed at locating the source of the anomalies outlined by contour soil sampling. Work consisted of property-scale geological mapping and prospecting, together with soil sampling, geological mapping, and rock chip sampling on two grids.

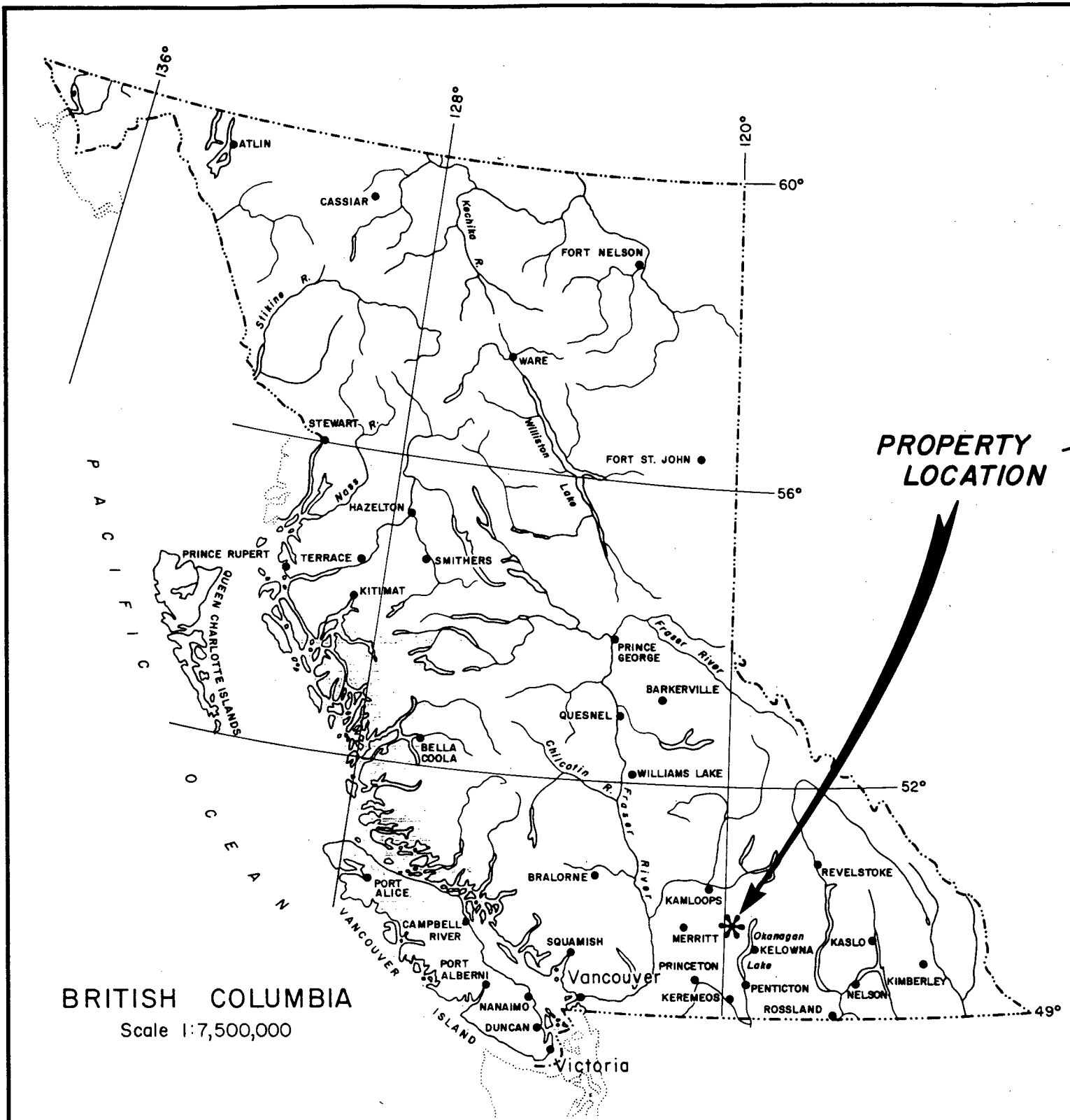
2.0

LOCATION, ACCESS AND TOPOGRAPHY

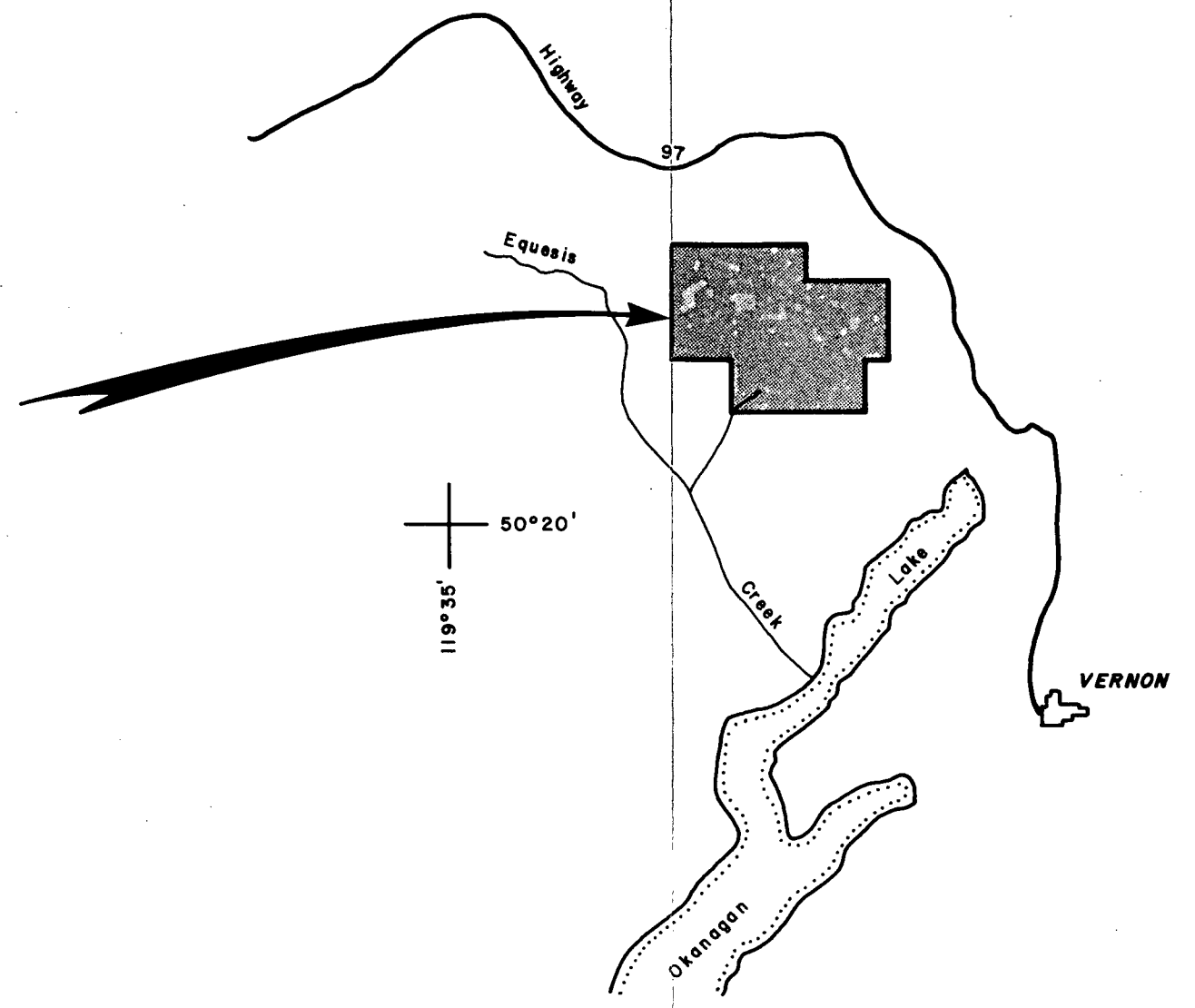
The Equesis Creek claims are situated 15km northwest of Vernon, above the northeast bank of Equesis Creek (Figure 1).

Access is provided by paved and unpaved roads from Vernon. A gravel road along Equesis Creek provides access to the west side of the claims and logging roads cross the claims from Bradley and Newport Creeks in the south to Moffat Creek in the north. Access to both the Irish and Peak grids is provided by old logging roads that are accessible by motorcycle.

The claims cover a rolling plateau with steep slopes down to Equesis Creek and Okanagan Lake. Vegetation varies from dense stands of young growth to older, open forest.



PROPERTY LOCATION



GOLDQUEST I LTD. PARTNERSHIP			
EQUESIS CLAIMS			
LOCATION MAP			
PLAN No. 754	DRAWN	DATE MAR. 1985	FIGURE 1
Revised		N.T.S. 82 L / 6	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

3.0

OWNERSHIP AND CLAIM STATUS

The claims listed below are held by MineQuest Exploration Associates Limited on behalf of GoldQuest I, a General Limited Partnership.

TABLE I
CLAIM STATUS

<u>Claim Name</u>	<u>Record Number</u>	<u>No. of Units</u>	<u>Due Date before Submission of this Report</u>	<u>Registered Owner</u>
Peak I	1476	20	March 4, 1986	MineQuest
Peak II	1433	20	February 10, 1986	MineQuest
Peak III	1434	20	February 10, 1986	MineQuest
Peak IV	1477	20	March 4, 1986	MineQuest
Lake III	1427	20	February 10, 1986	MineQuest
Lake IV	1428	20	February 10, 1986	MineQuest
Irish I	1497	18	March 25, 1986	MineQuest
Irish II	1498	18	March 25, 1986	MineQuest

4.0

HISTORY AND PREVIOUS WORK

The following mineral occurrences are reported on or adjacent to the Equisis Creek claims.

Minfile Number: 82LSW007

Previous Name(s): Black Hawk
Peoitch
BJ
Au

Commodities Present: Au, Ag, Cu, Pb, Zn

Capsule Geological Comment:

"Claims are underlain by argillite and chloritized andesite of the Cache Creek Group. A strong, highly oxidized shear zone impregnated with quartz, calcite, and 20-75% sulphides, consisting of fine-grained pyrite, arsenopyrite, and sphalerite with minor chalcopyrite, and galena, occur in altered andesite. Gold is associated with the sulphides."

Bibliography:

- 1) BCDM MMAR 1899 p747, 1900 p887, 1902 p189, 1919 p184, 1922 p144, 1934 pD34
- 2) BCDM GEM 1969 p239, 1973 p100, 1976 pE55, 1977 pE81
- 3) BCDM EXPL IN BC 1979 p104
- 4) BCDM ASS RPT 2516, 4797, 5863, 6197, 6732, 7837
- 5) BCDM OPEN FILE (RPT - G. Gutrath, 1976)
- 6) GSC SUM RPT. 1931A p80
- 7) GSC MEM 296 p141
- 8) GSC MAP 1059, 48-4A
- 9) BCDM OPEN FILE

Minfile Number: 82LSW076
Previous Name(s): Moffat Creek

Commodities Present: Au`

Capsule Geological Comment:
None given

Bibliography:

- 1) BCDM MMAR 1932 pl44
- 2) GSC OPEN FILE MAP 637

In the 1983 field program MineQuest Exploration Associates Ltd. performed silt sampling (125 samples analysed for lead, silver, arsenic and gold), contour soil sampling (397 composite samples analysed for lead, silver, antimony, arsenic and gold), prospecting and rock chip sampling (83 samples analysed for gold) and heavy mineral sampling. This work identified two areas for follow-up grid soil sampling on the IRISH II and PEAK II claims.

5.0

WORK CARRIED OUT IN 1984

The Equisis Creek claims were mapped and prospected at a scale of 1:10,000. On the basis of the 1983 results, two areas were selected for grid soil sampling, and prospecting. These grids, the Irish II and Peak II, are located in Figure 2.

5.1

Grid Layout

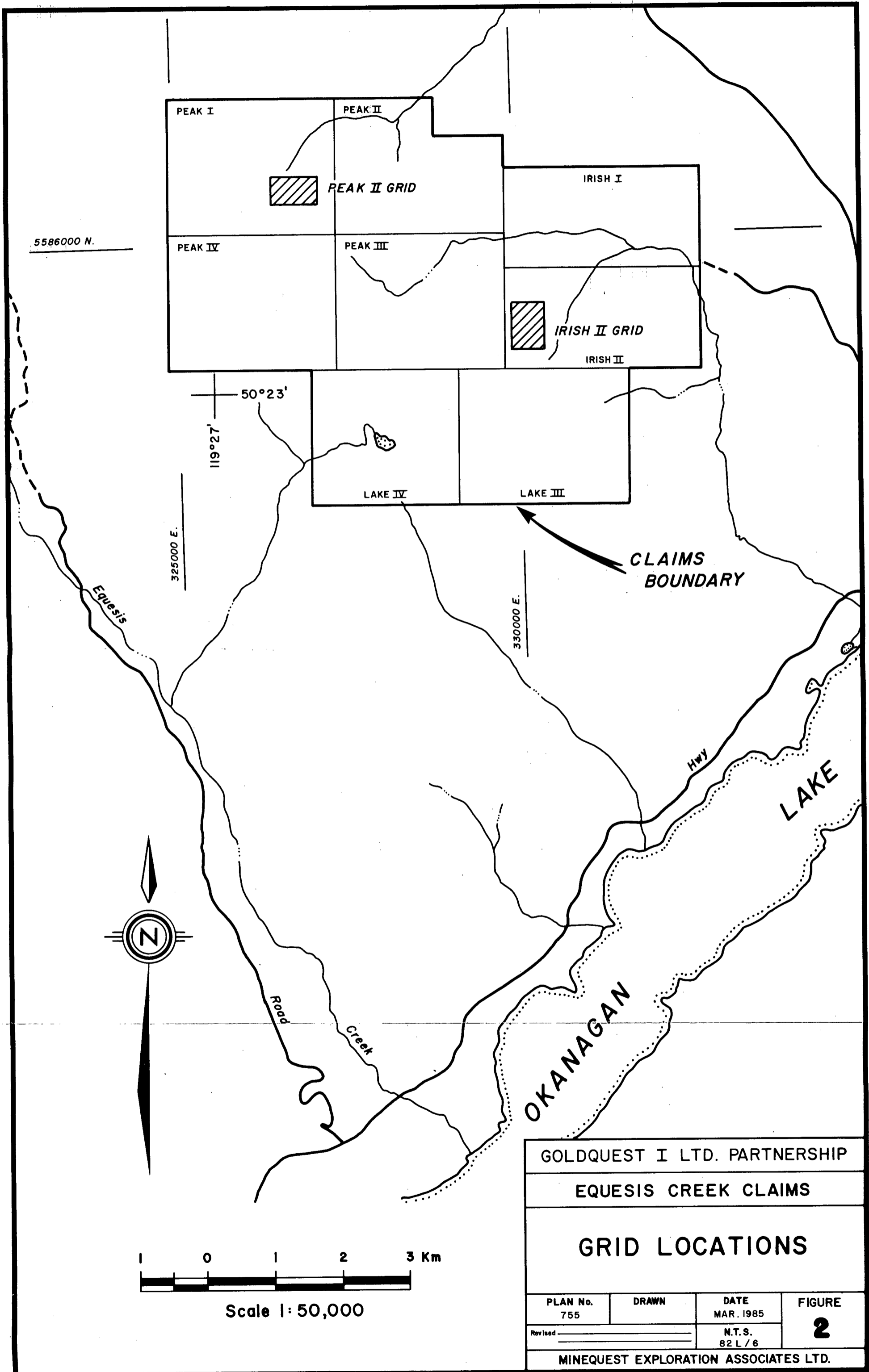
4.2 line km of baseline and grid were established on the Irish II claim. 3.65 line km of baseline and grid were laid out on the Peak II claim. Grid lines were spaced at 100m intervals.

5.2

Soil Sampling

5.2.1 Irish II Grid: 426 soil samples were collected from the B horizon at 10m intervals along the grid lines. The samples were composited in groups of 10 with each composite overlapping by five samples. Eighty four composite samples were analysed for arsenic, antimony, silver, gold and lead.

5.2.2 Peak II Grid: 419 samples were collected at 10m intervals along the grid lines. The samples were composited in the same manner as those from the Irish II grid. Sixty eight composite samples were analysed for arsenic, antimony, silver, gold and lead.



GOLDQUEST I LTD. PARTNERSHIP			
EQUESIS CREEK CLAIMS			
GRID LOCATIONS			
PLAN No. 755	DRAWN	DATE MAR. 1985	FIGURE 2
Revised		N.T.S. 82 L / 6	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

5.3 Geological Mapping, Prospecting and Rock Sampling

E. Grill and D. Brown spent 20 man days mapping the Equesis Creek claims at a scale of 1:10,000. A.W. Gourlay and M.G. Hadley spent five man days mapping the Irish I grid at a scale of 1:2,500.

Twenty six man days were spent prospecting the Equesis claim block and 24 rock chip and grab samples were collected on the Irish II grid and analysed for silver, arsenic, and gold.

5.4 Laboratory Methods

Soil composite samples were sent to Bondar-Clegg and Company, Vancouver, where they were dried and sieved to -80 mesh.

An aqua regia digestion (a 1:3 ratio of nitric and hydrochloric acid) followed by an atomic absorption determination is used to analyse lead and silver. Arsenic is determined with a nitric-perchloric acid digestion and a colourmetric determination. Gold extraction is accomplished through fire assay, followed by aqua regia digestion of the dore bead. Extraction is followed by an atomic absorption determination.

In the soil samples antimony is extracted through a process using a hydrochloric solution and a TOPO-MIBK mixture. The extraction is followed by an atomic absorption determination.

Rock samples were crushed and pulverized to -100 mesh. Fire assay and aqua regia extraction followed by atomic absorption were used to determine gold content. Arsenic is extracted with nitric-perchloric acid followed by colourmetric determination. Silver extraction is by Lefort aqua regia and determined by atomic absorption.

Pulps are stored by MineQuest Exploration.

5.5 Personnel

Two grids were established by L. Allen, R. Bilquist, D. Brown, E. Grill, B. Griffiths, P. McCarthy, P. Martin, and A. Zuk. Soil Sampling was carried out by E. Grill, P. Martin, and A. Zuk. Prospecting was done by L. Allen, R. Bilquist, P. Martin, A. Gourlay, and M. Hadley. Geological mapping was undertaken by D. Brown, E. Grill, A. Gourlay, and M. Hadley. The program proceeded under the direction of R.V. Longe.

6.0

GEOLOGY

6.1 Regional Geology

Jones (1952) mapped the Vernon area at 1:253,440 scale. In 1979, Okulitch et al produced a 1:250,000 scale map of the Thompson - Shuswap - Okanagan region. The two maps present very different interpretations of the ages of many of the Mesozoic-Paleozoic units.

In the Equisis area, Jones mapped fault bounded slices of Carboniferous and Permian Cache Creek Group argillite and andesite lava and tuff, conformably overlain in the southwest by Cache Creek limestones. West of Equisis Creek the section is capped by basaltic lava and flow breccia of the Tertiary Kamloops Group.

Okulitch, et al interpreted slices of Triassic and Jurassic Nicola Group andesite and basalt flows with associated pyroclastics, Triassic Slocan Group shale, argillite and siltstone, and slivers of Slocan Group conglomerate. This sequence is intruded by plugs of the Cretaceous Salmon Arm Pluton with granodiorite, granite, and quartz monzonite compositions. The sedimentary and volcanic strata are underlain in the southwest by the Carboniferous and Permian Thompson Assemblage made up of a greenstone-tuff unit, limestone, and a sequence of siliceous argillite, volcanoclastic sandstone, quartzite and siltstone. An outlier of Kamloops Group volcanics is located at the source of Banks and Moffat Creeks.

6.2 Property Geology

Figure 3 shows the geology of the claim area, determined by field mapping and prospecting. The principle rock units are summarized in Table II.

Most of the claim block is underlain by sedimentary and volcanic rocks correlated with the Triassic Nicola and Slocan Groups. Both groups have similar lithologies and differentiation in the field is both difficult and uncertain. The Nicola Group consists of both volcanic and sedimentary lithologies whereas the Slocan Group is dominantly a sedimentary sequence.

TRIASSIC - SLOCAN GROUP (?)

Map Unit 1: LIMEY PHYLLITE - PHYLLITIC LIMESTONE

There are a few outcrops of this unit on the Irish II claim. The phyllitic limestone weathers grey with a grey-green fresh surface. Grain size varies from fine to coarse with <1% pyrite disseminated throughout. This rock is cut by a network of milky white quartz veins with thicknesses up to 10cm. Both fractures and quartz veins are ironed stained. Calcite is restricted to fractures in silicified outcrops.

Map Unit 2: SANDSTONE-SILTSTONE

Finely laminated to massive sandstone and siltstone is located 1400m east of the Peak Legal Corner Post. It is well-indurated, siliceous and weathers pale greenish grey to limonitic brown. The fresh surface is dark grey to grey. White feldspar crystals and euhedral pyrite crystals are common.

TABLE II - ROCK UNITS

Recent:		
Map Unit 11		Calcrete
Tertiary: Kamloops Group		
Map Unit 10		Basalt, columnar jointed, vesicular
Tertiary (?) and Cretaceous		
Map Unit 9		Hornblende - feldspar porphyritic monzonite
Triassic: Nicola Group		
Map Unit 8		Augite porphyry breccia
Map Unit 7		Augite porphyry
Map Unit 6		Microdiorite
Map Unit 5		Crystal - lithic tuff
Triassic: Slocan Group (?)		
Map Unit 4		Black siltite
Map Unit 3		Phyllite shale, shaley phyllite, graphitic phyllite
Map Unit 2		Sandstone, siltstone
Map Unit 1		Limey phyllite, phyllitic limestone

Map Unit 3: PHYLLITE

Graphitic phyllite and phyllitic shale (Unit 3) is probably a more strained equivalent of Unit 4. This rock is soft, dark grey to black and fissile, and finely laminated silty phyllite is common.

Map Unit 4: BLACK SILTITE

Siltite and argillite are locally interbedded with the crystal - lithic tuff (Unit 5). Outcrop of this recessive unit is restricted to depressions and creek beds. The argillite is massive, and the siltite is fissile and weathers rusty brown.

TRIASSIC - NICOLA GROUP

Map Unit 5: LITHIC TUFF

The crystal - lithic tuff is widespread, commonly forming topographic highs. There are large exposures of this unit in the vicinity of the Peak Legal Corner Post.

The distinctive characteristics of the crystal - lithic tuff are ubiquitous siltite - argillite fragments, and augite crystals. Hornblende and feldspar crystals occur locally. The rock is pale green to greenish grey. The shale fragments are angular and vary in size up to several centimetres long. Some outcrops have subparallel fragments suggesting a waterlain origin.

Map Unit 6: MICRODIORITE

The "micro-diorite" unit is found near the augite porphyry. It is pale green, massive and fine grained. Hornblende phenocrysts are less than 2mm long. This unit is either a fine-grained diorite or a weakly metamorphosed crystal tuff.

Map Unit 7: AUGITE PORPHYRY

Rocks of this unit weather pale green to dark green. Augite phenocrysts vary in size up to 8mm long. Hornblende crystals are present, and the rock has an andesitic composition.

Map Unit 8: AUGITE PORPHYRY BRECCIA

Augite porphyry breccia is related to the homogeneous augite porphyry. Jones (1959) suggests this is a flow breccia. It may also be an intrusive breccia.

The fragments consist of augite porphyry, fine grained dioritic material, and minor siltite - argillite and siltstone. The groundmass is aphanitic to fine grained andesite. The sedimentary fragments could be "rip-up" clasts in a flow breccia or fragments torn from the country rock during intrusion of the augite porphyry. Since the siltite-argillite is essentially unmetamorphosed the flow - breccia classification is more probable. Generally the augite porphyry fragments are more rounded than the angular shale fragments.

TERTIARY OR JURASSIC - CRETACEOUS

Map Unit 9: HORNBLende - FELDSPAR PORPHYRY:

Hornblende feldspar porphyry is exposed on the road 1500m northwest of the Peak Legal Corner Post.

It is medium grained, with phenocrysts up to 4mm long. Hornblende is essentially unaltered, however the feldspar is clay altered as indicated by the chalky white weathered surface. In the field the porphyry was tentatively classified as a monzonite to diorite.

The outcrop distribution suggests that the porphyry is probably a large dyke. It appears to intrude the Nicola augite porphyry.

A similar porphyry 400m southeast of the "Skookum mine" illustrates a good intrusive contact with biotite hornfels meta-sedimentary rocks at the contact. The porphyry has a narrow (<5cm wide) chilled margin. White quartz veins within the meta-sediments are also truncated by the porphyry.

TERTIARY

Map Unit 10: KAMLOOPS GROUP

The highest ground on Peak I and II, above approximately 1500m elevation, is covered by columnar jointed basalt. Cliff faces over 25 meters high weather dark grey and brown. Olivine phenocrysts are visible in a vesicular, aphanatic groundmass.

The isolated outcrop is an outlier of Kamloops Group basalt flows or a volcanic plug.

7.0

RESULTS

7.1 Soil Sampling

- 7.1.1 Irish II Grid: Compositated soil samples were analysed for lead, arsenic, antimony, silver and gold. Results are presented in Figures 4a to 4e and Appendix Ia.

The sampling outlined a northwesterly trending zone, some 50-100m wide, of mostly coincident arsenic, antimony and gold anomalies. Lead shows little variation and the results (Figure 4a) are not contoured.

- 7.1.2 Peak II Grid: Compositated soil samples were analysed for lead, arsenic, antimony, silver and gold. Results are presented in Figures 5a to 5e and Appendix Ib.

The results show largely coincident anomalies of arsenic, antimony, and silver that trend along the baseline in a north-south direction. The distribution of more scattered gold anomalies suggest northwesterly trends or alignment.

7.2 Geological Mapping, Rock Sampling and Prospecting

- 7.2.1 Irish II Grid: Figures 4f and 4g show the geology and rock sampling results on the grid.

- 7.2.2 Peak II Grid: Outcrop appears to be absent.

8.0

CONCLUSIONS

1. The claims cover a sequence of Triassic rocks with soil geochemical anomalies of gold, arsenic, antimony, and silver.
2. The basement is composed of sedimentary and volcanic rocks of the Triassic Slocan and Nicola Groups which have been intruded by Cretaceous to Tertiary monzonite dykes. Erosional remnants of Tertiary basalt cap the higher elevations.
3. Grid soil sampling has outlined linear anomalies of gold, silver, arsenic, and antimony that are coincident with inferred regional breaks.
4. Rock sampling on the Irish Grid has produced geochemically anomalous gold and arsenic values associated with quartz veining in a limey sedimentary rock adjacent to a diorite intrusive.

9.0

REFERENCES

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Assessment Report on the Super and Nova Claims
(Goodenough property)
Assessment Report No. 6404
- Jones, A.G., 1959
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Ltd. (N.P.L.), 1976 and 1973
Geochemical and Geologic Report on the Au
Claims, Kamloops Mining Division
Assessment Report No's. 6197 and 4797
- Okulitch, A.V. and Campbell, R.B., 1979
Thompson - Shuswap - Okanagan, British
Columbia
GSC Open File 637, Maps A, B, C and D
- Primac Exploration Services Ltd. for Brown -
Overton Mines Ltd. (N.P.L.), 1970
Geological Report, May and Red Hawk Claims,
Vernon Area
Assessment Report 2552
- Ridley, S.L., 1984
Equesis Creek Claims
MineQuest Exploration Associates Ltd.
Report Number 52 (Submitted as Assessment
Report)

APPENDIX Ia

Soil Composite Sample Results - Irish II Grid

REPORT: 124-1619

PROJECT: GG/PLP PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Ag PPM	As PPM	Sb PPM	Au PPB	NOTES
S GQC 5210		6	0.6	18	0.8	<5	
S GQC 5211		8	0.5	22	1.7	<5	
S GQC 5212		5	0.4	22	1.2	5	
S GQC 5213		8	0.4	21	1.2	5	
S GQC 5214		6	0.4	15	0.5	<5	
S GQC 5215		6	0.4	12	0.5	<5	
S GQC 5216		6	0.5	14	0.6	<5	
S GQC 5217		5	0.4	14	0.3	<5	
S GQC 5218		5	0.3	18	0.4	<5	
S GQC 5219		6	0.4	28	0.8	10	
S GQC 5220		5	0.4	24	0.7	10	
S GQC 5221		5	0.4	21	0.8	5	
S GQC 5222		5	0.4	58	1.5	5	
S GQC 5223		4	0.3	58	1.8	<5	
S GQC 5224		6	0.4	24	1.0	10	
S GQC 5225		5	0.5	18	0.7	5	
S GQC 5226		4	0.4	11	0.2	<5	
S GQC 5227		5	0.5	12	0.3	5	
S GQC 5228		5	0.4	17	0.8	<5	
S GQC 5229		5	0.3	18	1.1	<5	
S GQC 5230		5	0.3	21	1.3	<5	
S GQC 5231		6	0.2	31	1.2	<5	
S GQC 5232		4	<0.2	27	0.8	10	
S GQC 5233		6	0.3	6	0.7	<5	
S GQC 5234		5	1.0	11	0.7	<5	
S GQC 5235		5	1.9	29	1.8	30	
S GQC 5236		6	1.6	38	1.3	35	
S GQC 5237		7	0.6	19	0.2	<5	

APPENDIX Ib

Soil Composite Sample Results - Peak II Grid

APPENDIX Ic

Rock Sample Results - Irish II Grid



BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-352667

BCC Report No. 124-2546

In your recent sample submission, received Aug 22/84,
the following samples were listed as included with the
shipment. However, we note that they are missing:

The following were not listed, but included:

GQH 1026W

BONDAR-CLEGG & COMPANY LTD.

Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 Canada V7P 2R5
 Phone: (604) 985-0681
 Telex: 04-352667



BONDAR-CLEGG

**Geochemical
 Lab Report**

REPORT: 224-2546

PROJECT: G07PLP PAGE: 1

SAMPLE NUMBER	ELEMENT UNITS	AM PPB	NOTES
---------------	---------------	--------	-------

GGH PREFIX			
R 1027	✓	150	} 62000 in calculation
R 1027 2NDSPLIT	✓	170	
R 1028	✓	20	} selected @ 2000
R 1028 2NDSPLIT	✓	25	

R 1029	✓	15	} selected @ 2000
R 1029 2NDSPLIT	✓	15	

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APPENDIX II

Statement of Qualifications

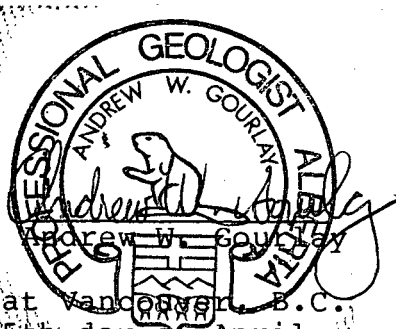
Andrew W. Gourlay
Derek A. Brown

STATEMENT OF QUALIFICATIONS

I, Andrew W. Gourlay, hereby certify that:

1. I am presently employed by MineQuest Exploration Associates Ltd. as Senior Geologist.
2. I am a graduate of the University of British Columbia (B.Sc. Hons., 1977, in geology).
3. I am a Professional Geologist in good standing with the Association of Professional Engineers, Geologists and Geophysicists of Alberta, and an Associate of the Geological Association of Canada.
4. I have practised my profession as geologist for 7 years.
5. The information used in this report is based on personal execution of the grid geological mapping, and notes and discussions with Derek Brown who mapped the property.

Signed



Dated at Vancouver, B.C.
this 15th day of April,
1985

STATEMENT OF QUALIFICATIONS

I, Derek A. Brown hereby certify that:

1. I am a graduate of Carleton University (B.Sc. Honours, 1981).
2. I have practiced my profession as a Geologist for three years.
3. I carried out the geological mapping described in this report.

Signed Derek A. Brown
Derek A. Brown

Dated at Vancouver, B.C.
this 15th day of April,
1985

APPENDIX III

Cost Statement

COST STATEMENT
PLP CLAIM
APRIL 1 TO DECEMBER 31, 1984

Fees and Wages

R.V. Longe	1.29 days at \$485.00	\$ 625.65	
A.W. Gourlay	.17 days at \$385.00	65.45	
A.W. Gourlay	3.72 days at \$285.00	1,060.20	
S. Ridley	.85 days at \$225.00	191.25	
A. Davidson	10.19 days at \$120.00	1,222.80	
L. Allen	16.00 days at \$185.00	2,960.00	
R. Bilquist	14.00 days at \$185.00	2,590.00	
D. Brown	13.20 days at \$285.00	3,762.00	
B. Griffiths	1.00 days at \$120.00	120.00	
E. Grill	17.40 days at \$120.00	2,088.00	
M. Hadley	2.00 days at \$120.00	240.00	
P. Martin	22.00 days at \$185.00	4,070.00	
P. McCarthy	1.00 days at \$185.00	185.00	
A. Zuk	14.00 days at \$120.00	<u>1,680.00</u>	\$ 20,860.35

Consultants External 110.40

Casual Staff 366.55

Disbursements - (See Schedule I) 20,871.12

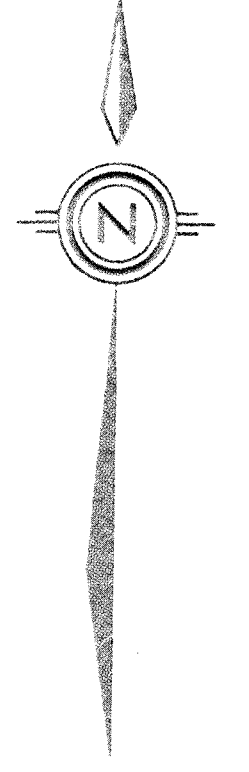
\$42,208.42

SCHEDULE I

Air Fares, Scheduled	\$ 27.00
Rental Vehicles, Casual	261.20
Rental Vehicles, Term	849.57
M.Q. Rental Vehicle Charges	1,746.00
Vehicle Repairs and Maintenance	29.99
Fuels and Lubricants, Vehicle	433.32
Taxis, Parking, Fares	9.48
Freight	532.47
Radio Rentals	413.13
M.Q. Equipment Charges, Field	848.00
M.Q. Equipment Charges, Camp	190.00
Equipment Rentals	389.00
Groceries, Kitchen Supplies	436.91
Food and Accommodation	3,970.73
General Supplies	471.80
Field Office Supplies	5.28
Geochemical Analyses	5,585.61
Other	31.50
Telephone, Telex	155.17
Courier, Air Express	166.79
Drafting	644.00
Reprographics	115.21
Xerox - In House	123.35
Maps, Reports, Publications	11.24
Drafting Supplies	1,350.80
Report Preparation, Outside Services	7.00
Report Preparation, M.Q. Word Processing	203.00
Disbursement Over-Ride	1,863.57
	<hr/>
	\$20,871.12
	<hr/> <hr/>

APPENDIX IV

Statement of Exploration and Development

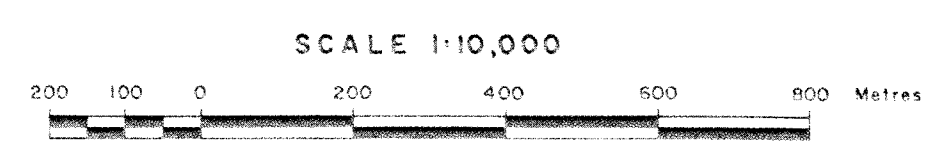


LEGEND

- RECENT**
- 11 Colcrete
- TERTIARY**
Kamloops Group
- 10 Basalt, columnar jointed, vesicular
 - 9 Hornblende - feldspar, porphyry, monzonite composition
- TRIASSIC**
Nicola & Stocan Groups
- 8 Augite porphyry breccia (Flow or intrusive breccia)
 - 7 Augite porphyry
 - 6 "Microdiorite"
 - 5 "Crystal Lithic Tuff" - Local augite crystals, ubiquitous shale - (argillite) fragments
- Stocan Group*
- 4 Black siltite
 - 3 Phyllitic shale, shaley phyllite, graphitic phyllite
 - 2 Sandstone, siltstone, local limonite staining and euhedral pyrite
 - 1 Limy phyllite, phyllitic limestone

SYMBOLS

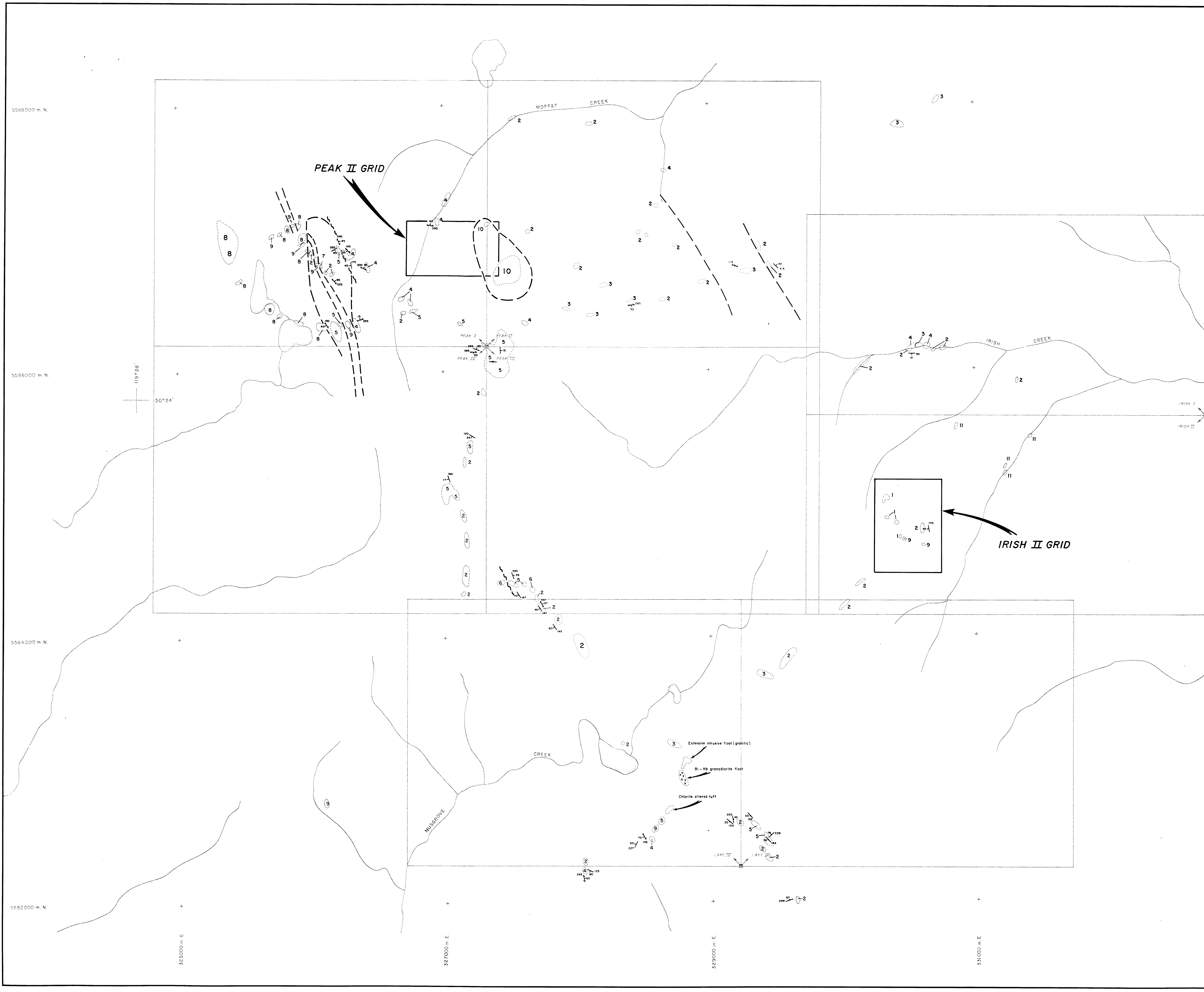
- Geological contact
- Outcrop
- ⊥ Bedding
- ⊥ Foliation
- Joints

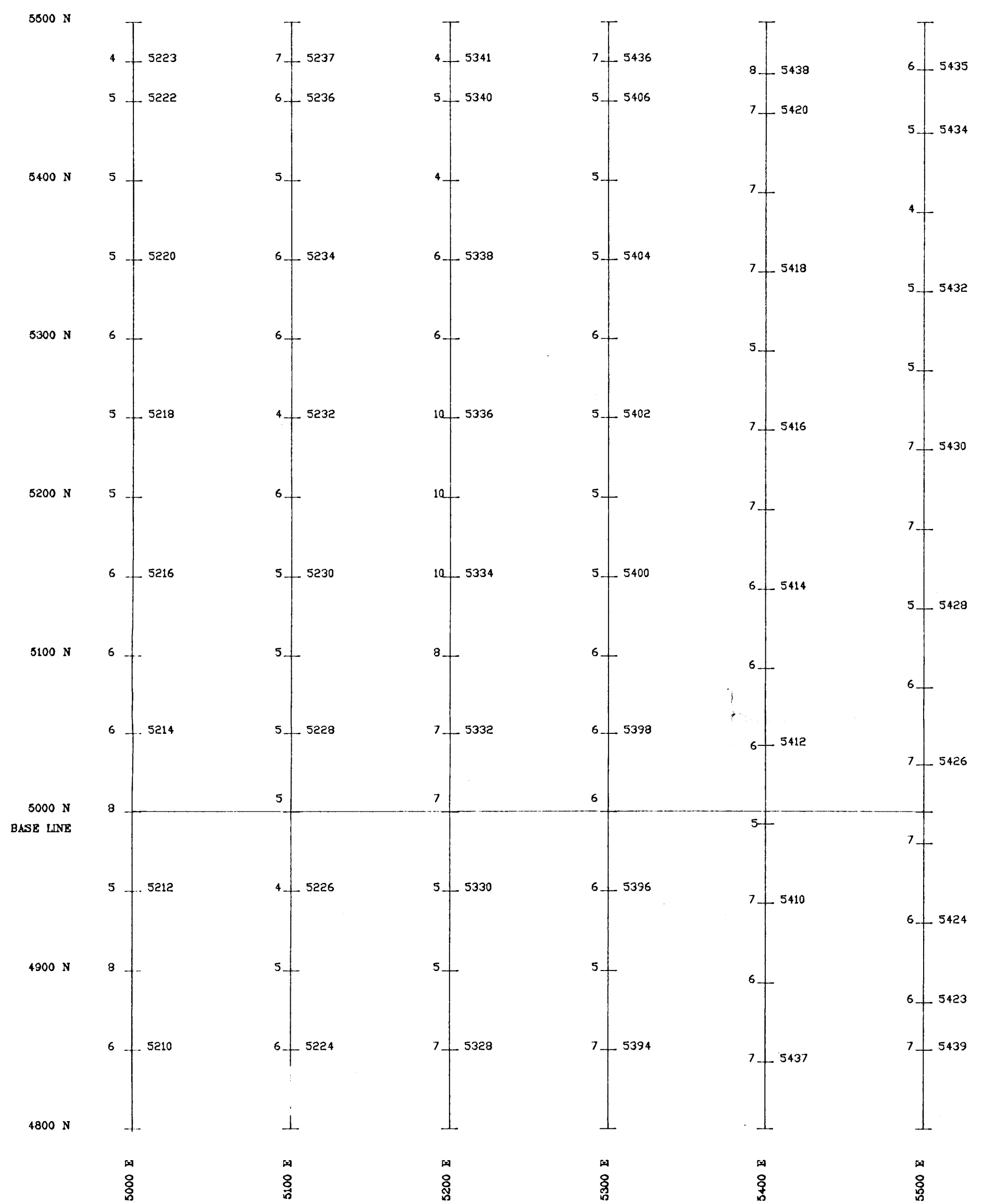


GOLDQUEST I LTD. PARTNERSHIP
EQUESIS CLAIMS NORTH SHEET

GEOLOGY

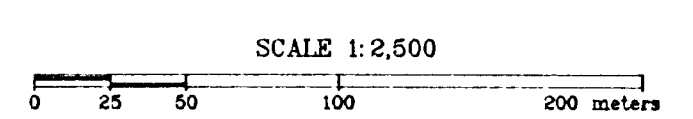
PLAN No. 756	DRAWN	DATE MARCH 1985	FIGURE 3
REVISED		N.T.S. 82 L / S	
MINEQUEST EXPLORATION ASSOCIATES LTD.			



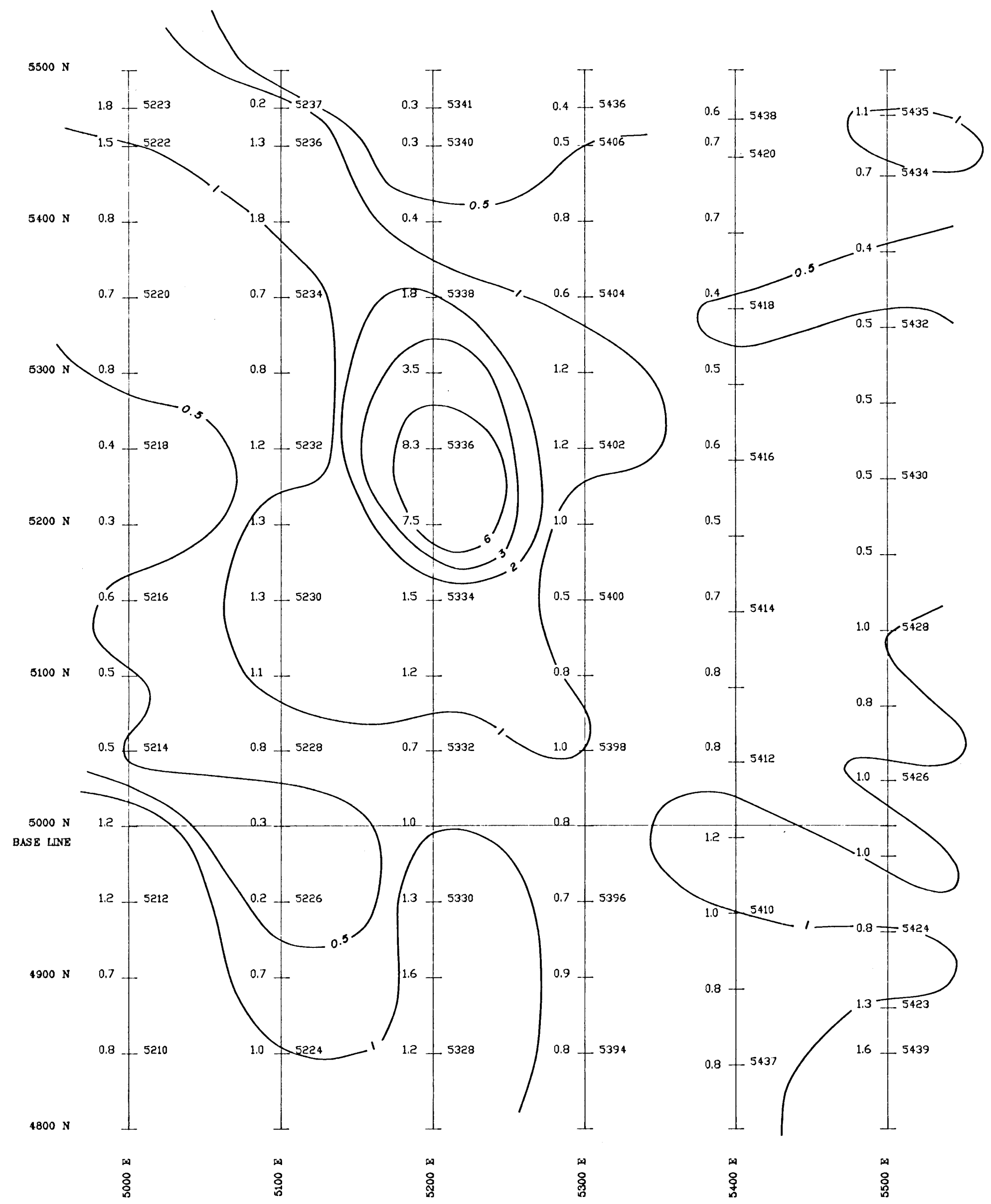


GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,749



GOLDQUEST I LIMITED PARTNERSHIP			
EQUESIS CREEK CLAIMS			
IRISH II GRID			
LEAD IN SOIL			
(ppm)			
PLAN No. 757	DRAWN GEO-COMP	DATE FEB. 1985	FIGURE
Revised		N.T.S. 82L/8	4a
MINEQUEST EXPLORATION ASSOCIATES LTD.			

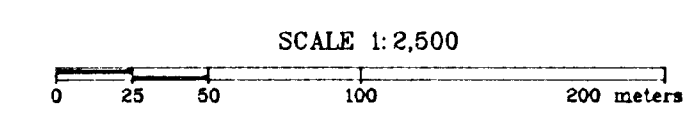


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ASSESSMENT REPORT**

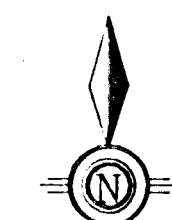
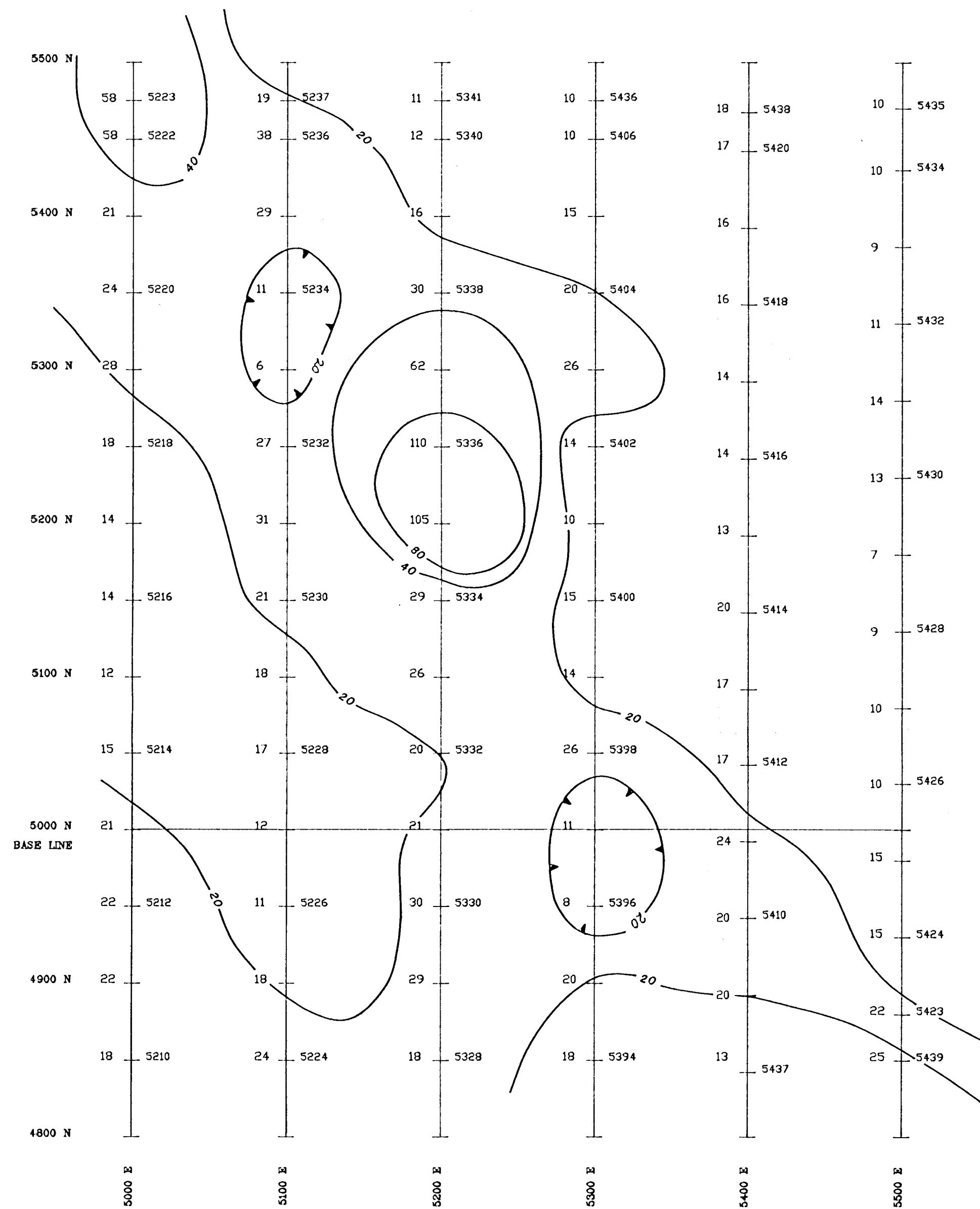
13,749

LEGEND

- 6 ppm Sb
- 3 ppm Sb
- 2 ppm Sb
- 1 ppm Sb



GOLDQUEST I LIMITED PARTNERSHIP			
EQUESIS CREEK CLAIMS			
IRISH II GRID			
ANTIMONY IN SOIL (ppm)			
PLAN No. 759	DRAWN GEO-COMP	DATE FEB. 1985	FIGURE
Revised		N.T.S. 821/8	4c
MINEQUEST EXPLORATION ASSOCIATES LTD.			

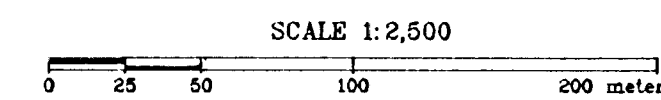


GEOLOGICAL BRANCH
ASSESSMENT REPORT

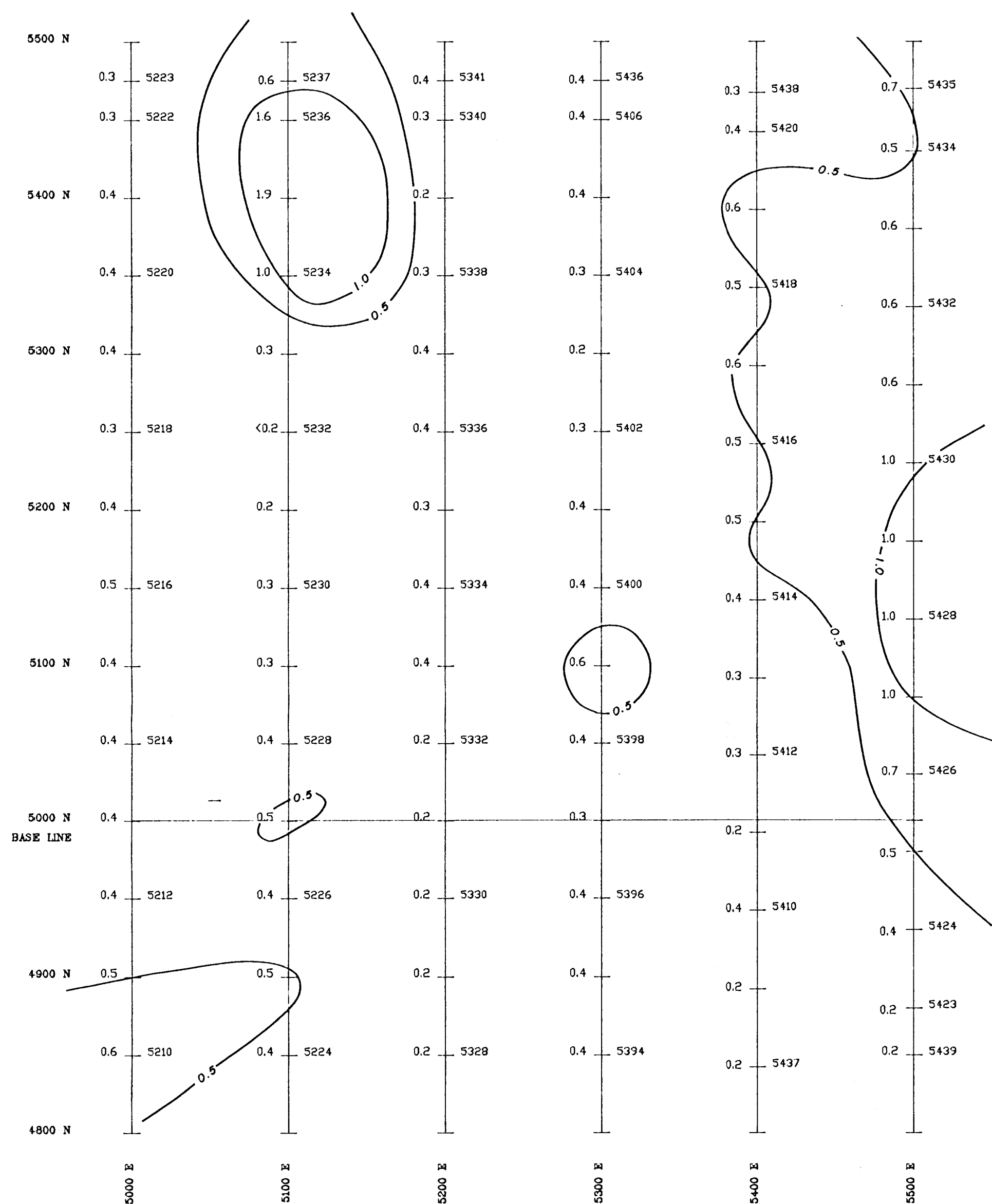
13,749

LEGEND

- ppm As
- ppm As
- ppm As



GOLDQUEST I LIMITED PARTNERSHIP			
EQUESIS CREEK CLAIMS			
IRISH II GRID			
<i>ARSENIC IN SOIL</i>			
<i>(ppm)</i>			
PLAN No. 758	DRAWN GEO-COMP	DATE FEB. 1985	FIGURE
Revised		N.T.S. 82L/g	4b
MINEQUEST EXPLORATION ASSOCIATES LTD.			

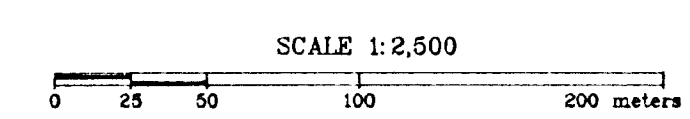


LEGEND

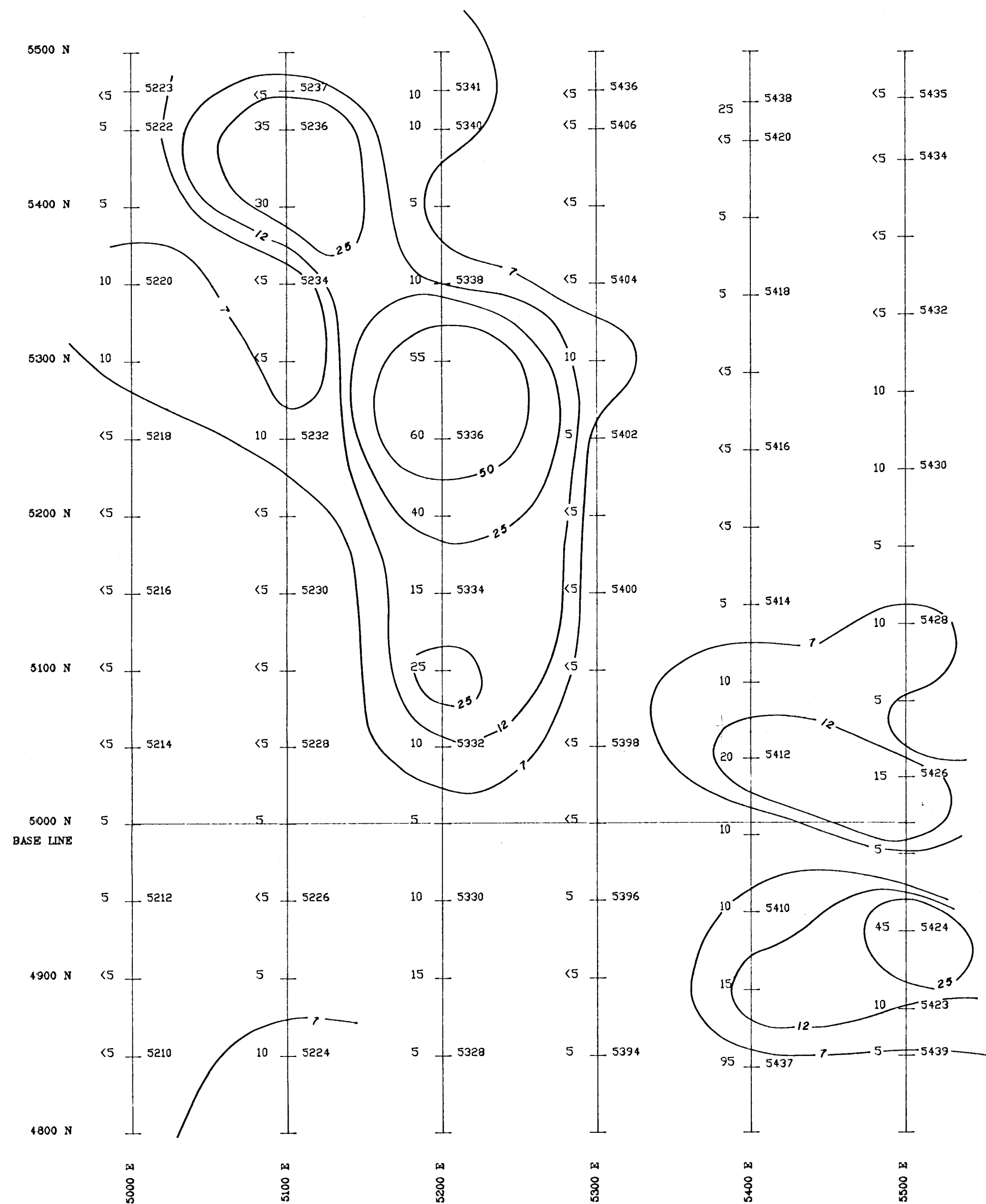
- 1.0 ppm Ag
- 0.5 ppm Ag

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,749



GOLDQUEST I LIMITED PARTNERSHIP			
EQUESIS CREEK CLAIMS			
IRISH II GRID			
SILVER IN SOIL			
(ppm)			
PLAN No. 760	DRAWN GEO-COMP	DATE FEB. 1985	FIGURE
Revised		N.T.S. 821/8	4d
MINEQUEST EXPLORATION ASSOCIATES LTD.			



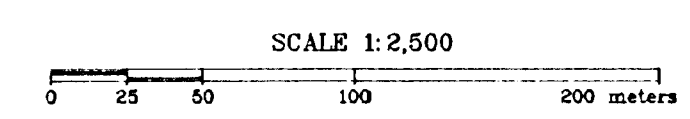
LEGEND

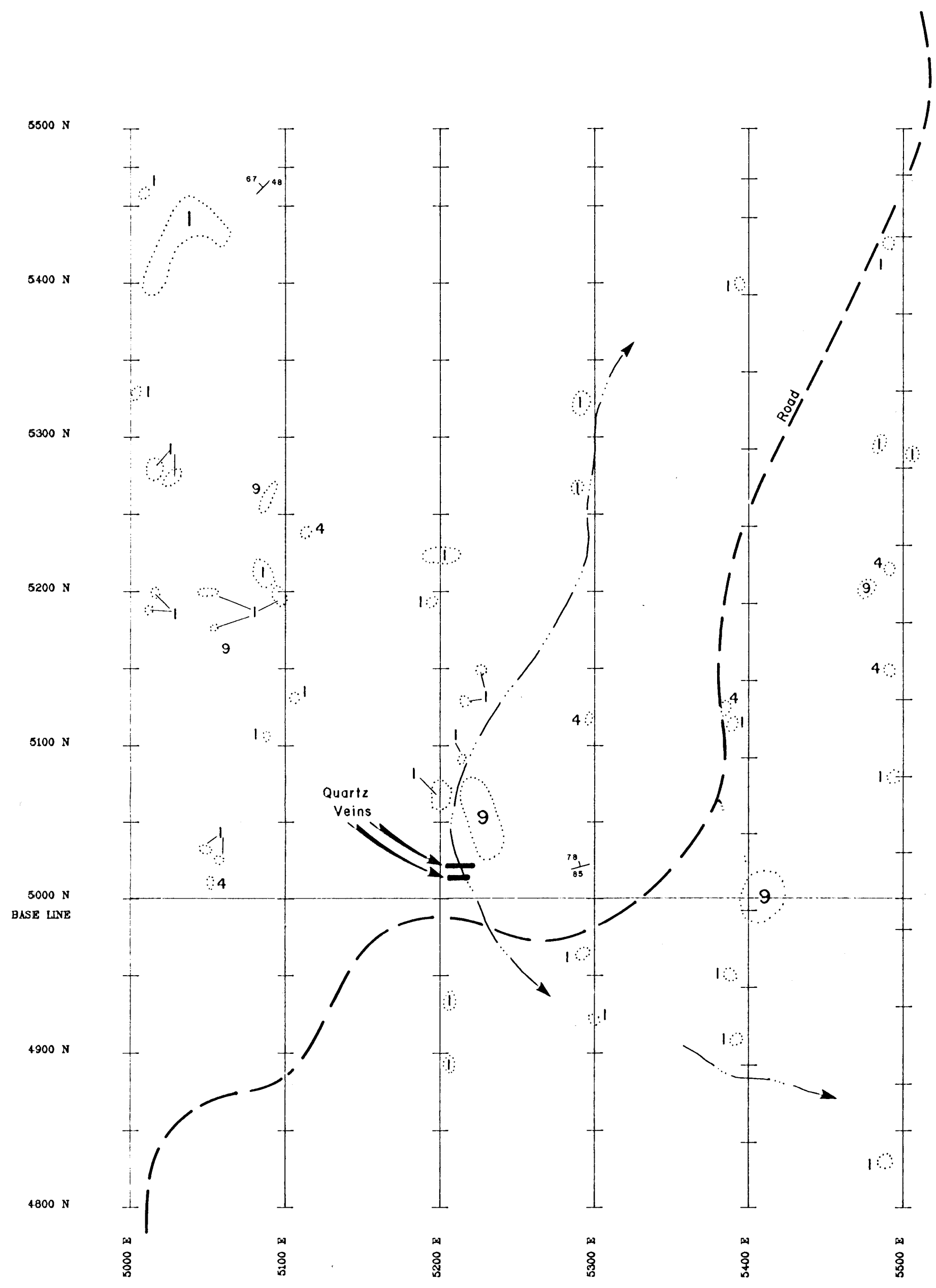
- ppb Au
- ppb Au
- ppb Au
- ppb Au

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,749

GOLDQUEST I LIMITED PARTNERSHIP			
EQUESIS CREEK CLAIMS			
IRISH II GRID			
<i>GOLD IN SOIL</i>			
<i>(ppb)</i>			
PLAN No. 761	DRAWN GEO-COMP	DATE FEB. 1985	FIGURE
Revised		N.T.S. 82L/9	4e
MINEQUEST EXPLORATION ASSOCIATES LTD.			





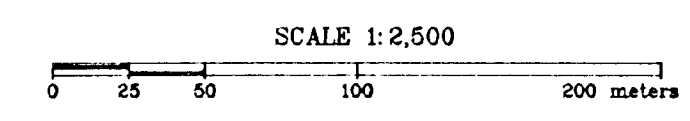
GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,749

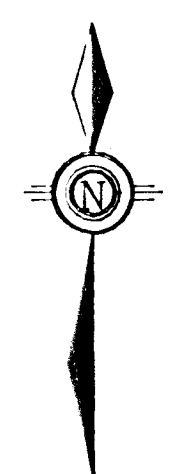
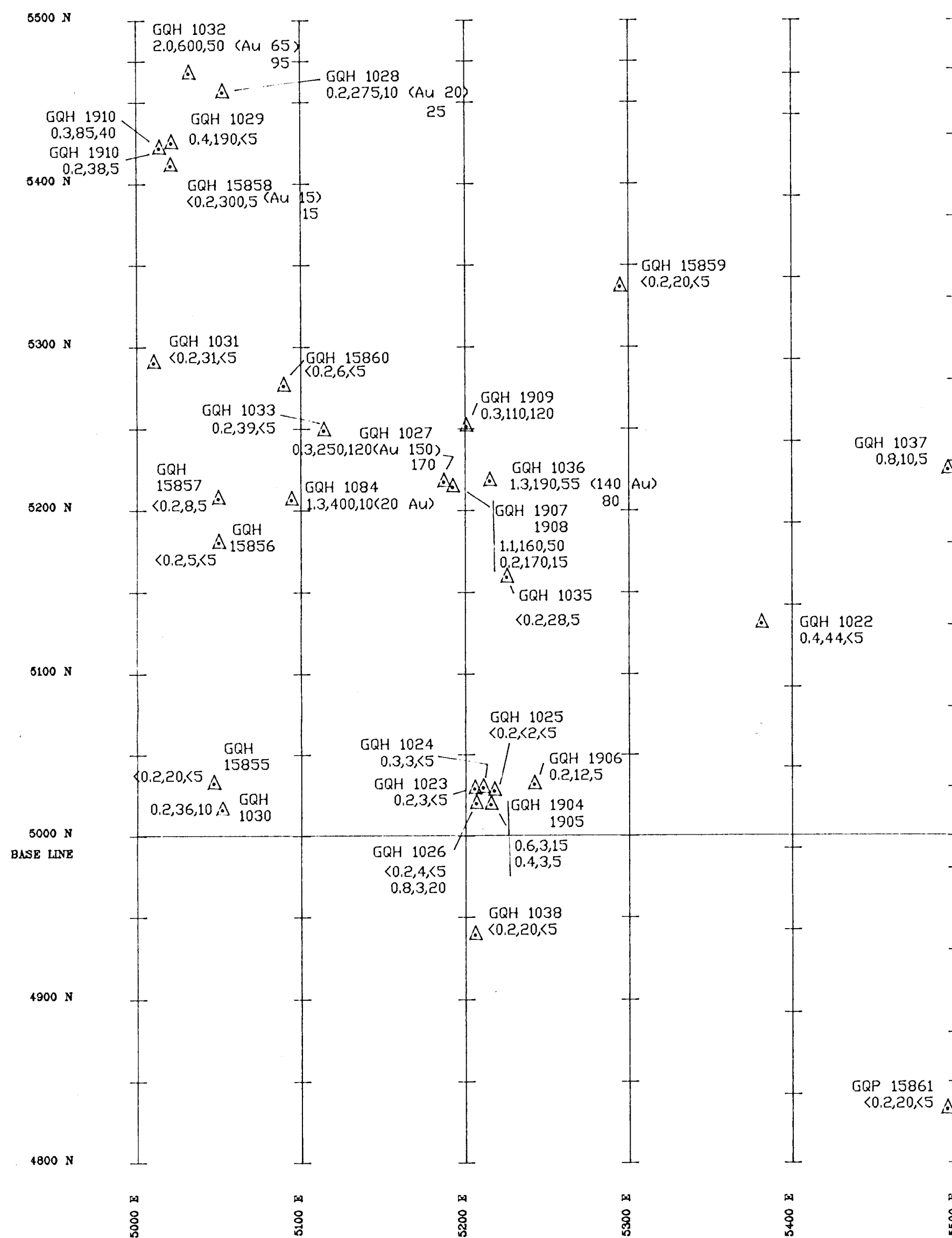
LEGEND

- 9 Hornblende - feldspar porphyry
- 4 Black siltite
- 1 Limey sediment

- + Bedding
- Outcrop
- Drainage



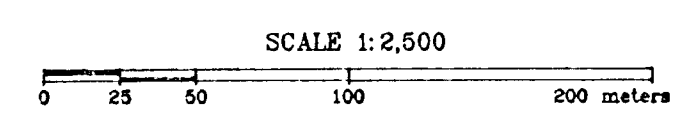
GOLDQUEST I LIMITED PARTNERSHIP			
EQUESIS CREEK CLAIMS			
IRISH II GRID			
<i>GEOLOGY</i>			
PLAN No. 767	DRAWN GEO-COMP	DATE FEB. 1985	FIGURE
Revised		N.T.S. 92L/9	4f
MINEQUEST EXPLORATION ASSOCIATES LTD.			



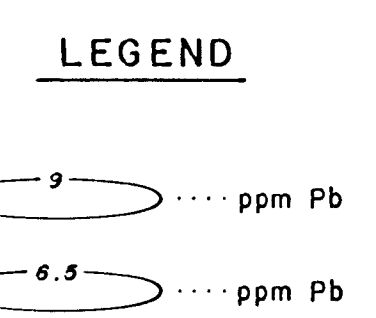
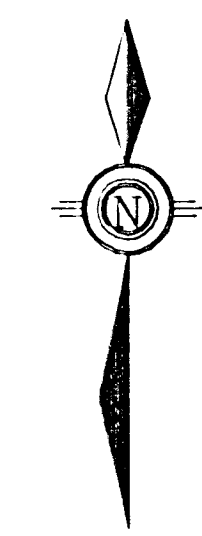
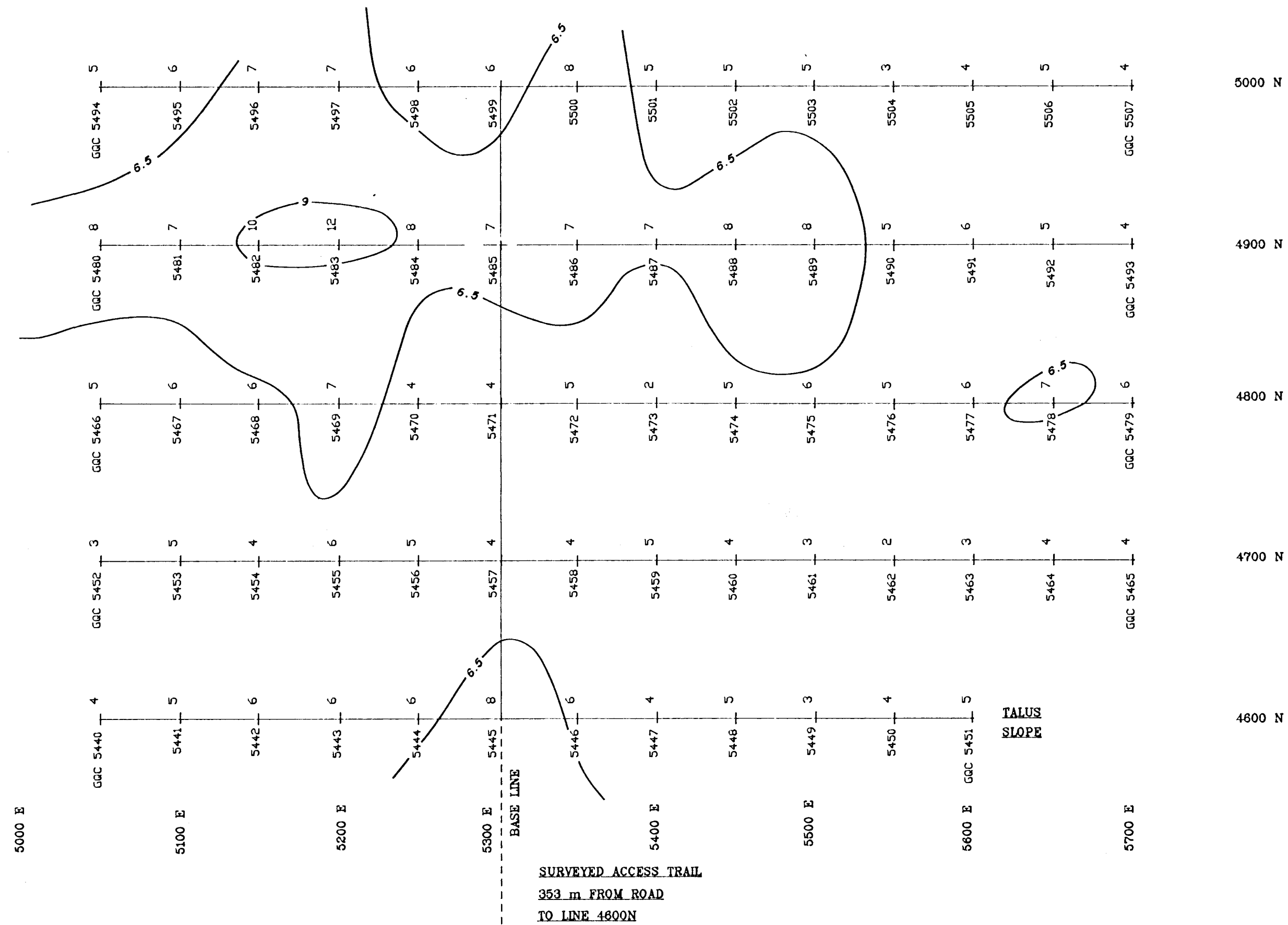
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ASSESSMENT REPORT**

13,749

△ GQH xxx - ROCK SAMPLE No.
0.3, 190, 55 (140 Au)
Ag(ppm),As(ppm),Au(ppb), Au(ppb) rerun

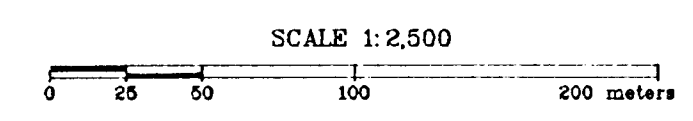


GOLDQUEST I LIMITED PARTNERSHIP			
EQUESIS CREEK CLAIMS			
IRISH II GRID			
ROCK SAMPLE LOCATIONS AND RESULTS			
PLAN No. 768	DRAWN GEO-COMP	DATE FEB. 1985	FIGURE
Revised		N.T.S. 82L/8	4g
MINEQUEST EXPLORATION ASSOCIATES LTD.			

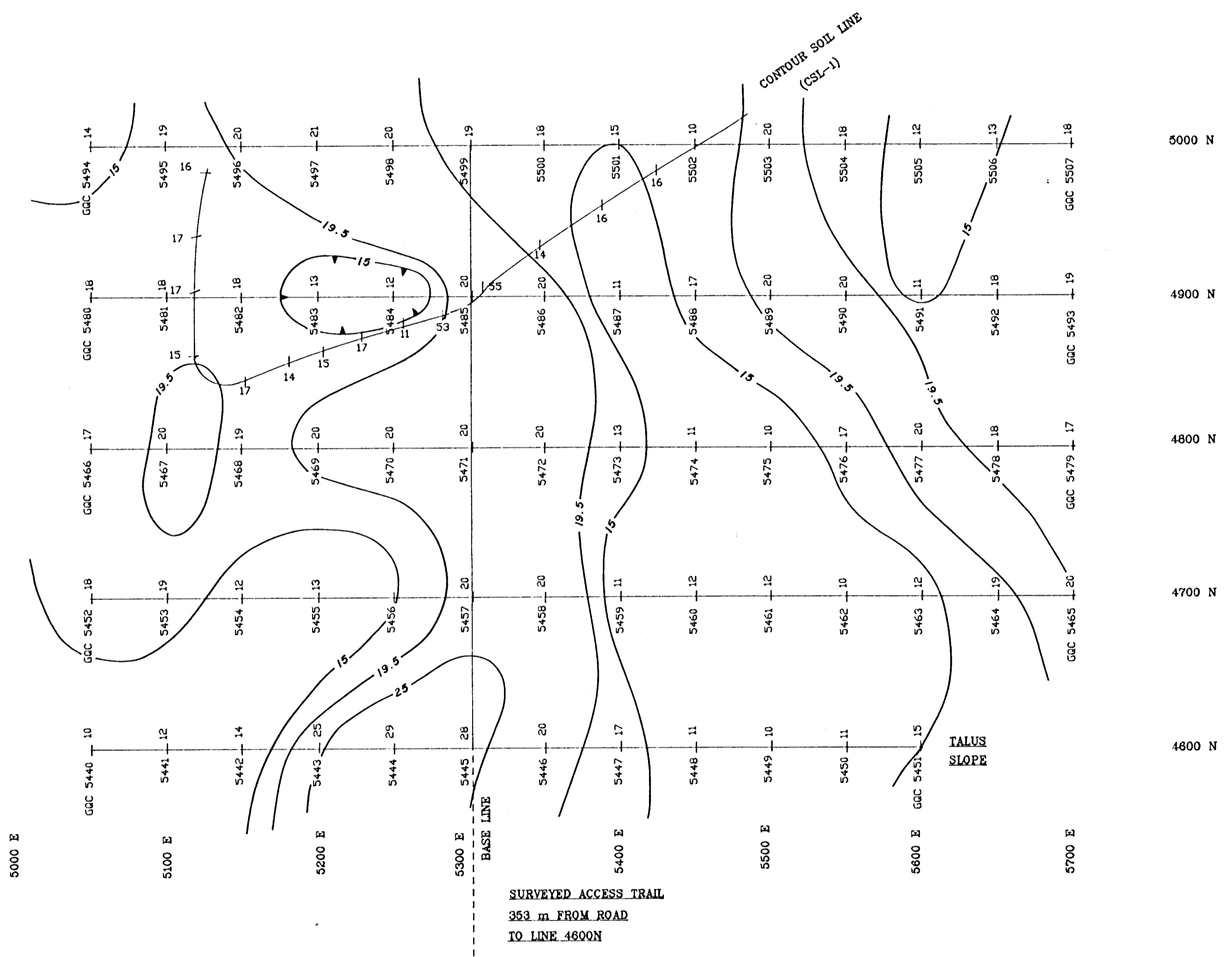


**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,749



GOLDQUEST I LIMITED PARTNERSHIP			
EQUESIS CREEK CLAIMS			
PEAK II GRID			
LEAD IN SOIL			
(ppm)			
PLAN No. 762	DRAWN GEO-COMP	DATE FEB. 1985	FIGURE
Revised		N.T.S. 82L/8	5a
MINEQUEST EXPLORATION ASSOCIATES LTD.			



5000 N
4900 N
4800 N
4700 N
4600 N



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

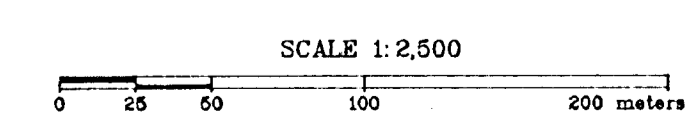
13,749

LEGEND

- 25 ppm As
- 19.5 ppm As
- 15 ppm As

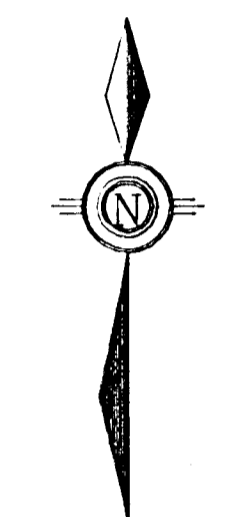
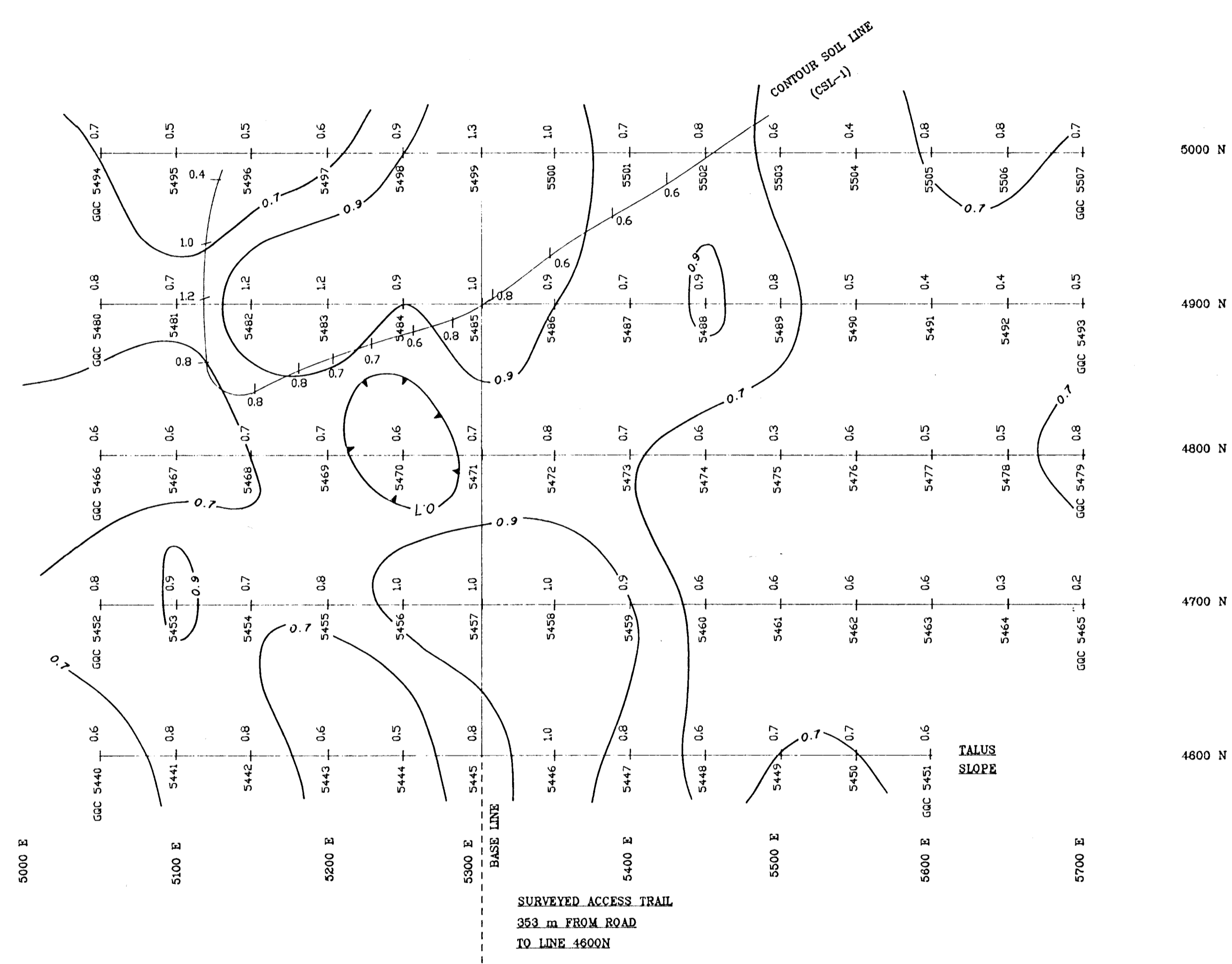
**SURVEYED ACCESS TRAIL
353 m FROM ROAD
TO LINE 4600N**

**TALUS
SLOPE**



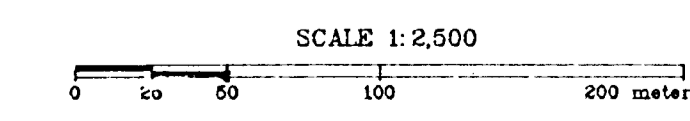
GOLDQUEST I LIMITED PARTNERSHIP			
EQUESIS CREEK CLAIMS			
PEAK II GRID			
ARSENIC IN SOIL (ppm)			
PLAN No. 763	DRAWN GEO-COMP	DATE FEB. 1985	FIGURE
Revised		N.T.S. 82L/8	5b
MINEQUEST EXPLORATION ASSOCIATES LTD.			

GEOLOGICAL BRANCH
ASSESSMENT REPORT
13,749

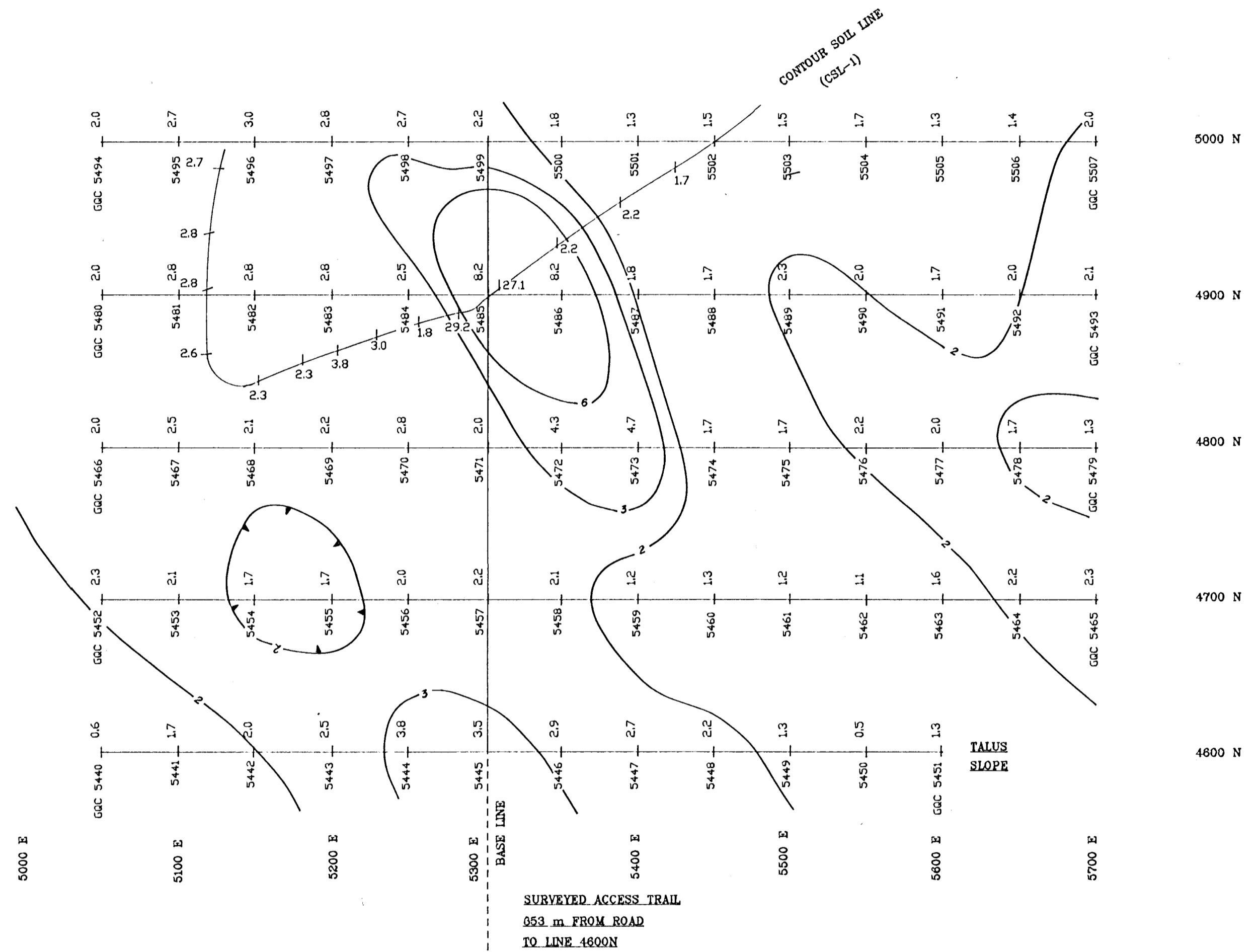


LEGEND

- 0.9 ppm Ag
- 0.7 ppm Ag



GOLDQUEST I LIMITED PARTNERSHIP			
EQUESIS CREEK CLAIMS			
PEAK II GRID			
SILVER IN SOIL			
(ppm)			
PLAN No. 765	DRAWN GEO-COMP	DATE FEB. 1985	FIGURE
Revised		N.T.S. 82L/6	5d
MINEQUEST EXPLORATION ASSOCIATES LTD.			

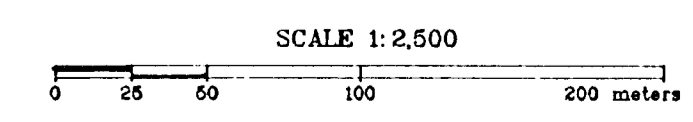


LEGEND

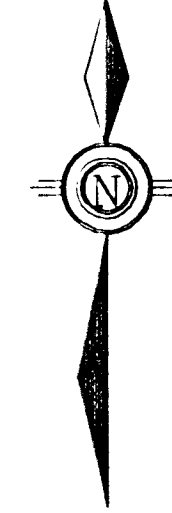
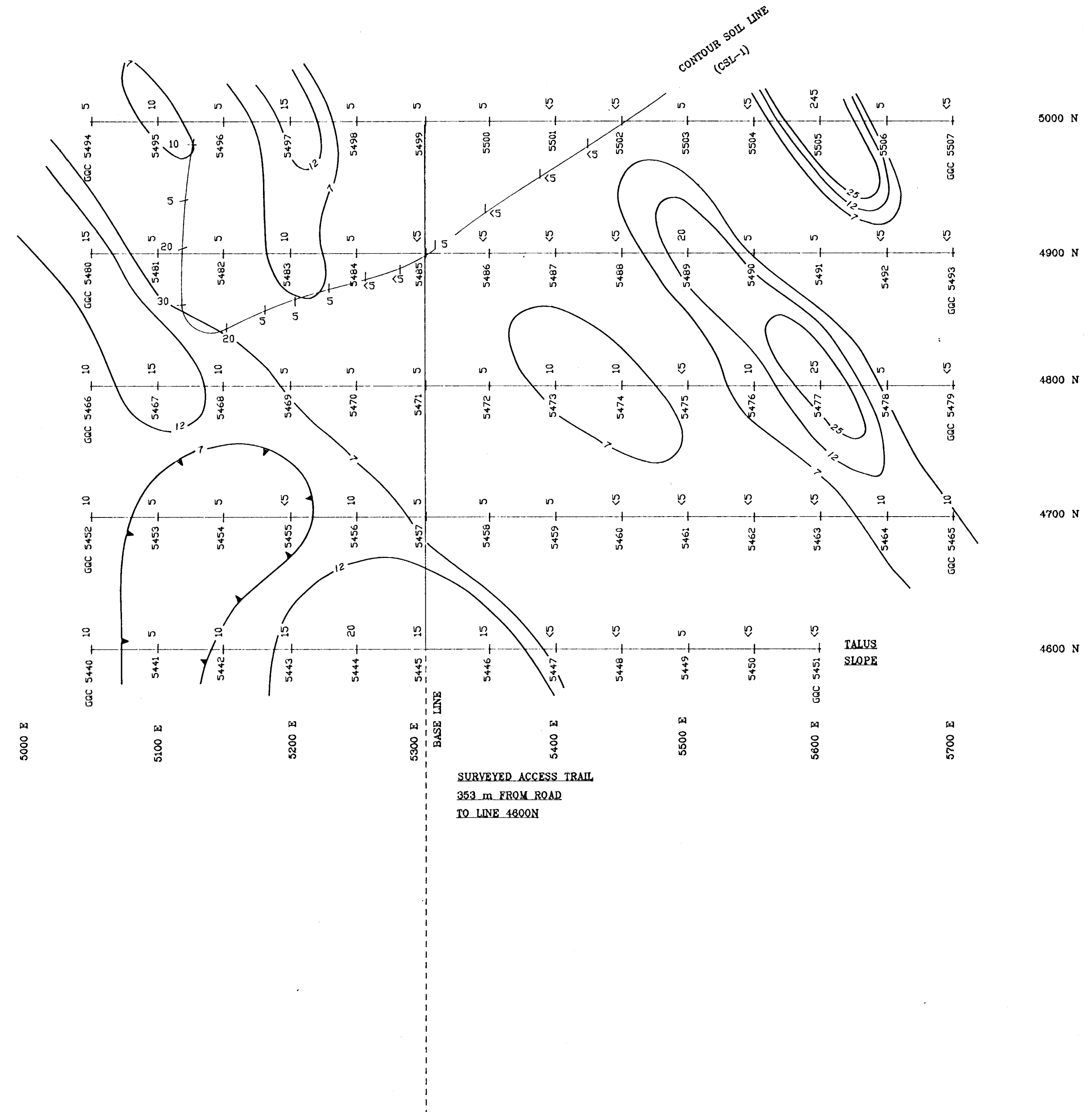
- ppm Sb
- ppm Sb
- ppm Sb

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,749



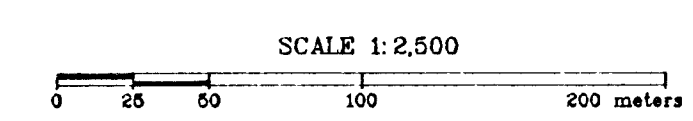
GOLDQUEST I LIMITED PARTNERSHIP			
EQUESIS CREEK CLAIMS			
PEAK II GRID			
ANTIMONY IN SOIL			
(ppm)			
PLAN No. 764	DRAWN GEO-COMP	DATE FEB. 1985	FIGURE
Revised		N.T.S. 82L/8	5c
MINEQUEST EXPLORATION ASSOCIATES LTD.			



GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,749 LEGEND

- ppb Au
- ppb Au
- ppb Au



GOLDQUEST I LIMITED PARTNERSHIP			
EQUESIS CREEK CLAIMS			
PEAK II GRID			
GOLD IN SOIL			
(ppb)			
PLAN No. 766	DRAWN GEO-COMP	DATE FEB. 1985	FIGURE
Revised		N.T.S. 82L/8	5e
MINEQUEST EXPLORATION ASSOCIATES LTD.			