

86-29-14436
01/87

GEOCHEMICAL ~~REPORT~~ REPORT
ON THE
GRAVY II and IV CLAIMS FOR
Owner/Operator: HEMLO EXPLORATIONS LTD.
OMINECA MINING DIVISION
BRITISH COLUMBIA

NTS 94E/7W
LATITUDE: ~~57°22.5'~~ 57°22.5'
LONGITUDE ~~126°56.5'~~ 126°56.5'

FILMED

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,436

By:

Anthony Floyd
Robert Helgason
November 4, 1985

OREQUEST



SUMMARY

A Phase I program has been completed on the Gravy II and IV claims which are owned 100% by Hemlo Explorations Ltd. The work program consisted of soil sampling, prospecting and geological mapping.

The claims, located in the Toodoggone region of north central British Columbia, are underlain by subaerial volcanics of Jurassic age. These volcanics are known to host several significant precious metal deposits in the Toodoggone region. Epithermal gold and silver mineralization occurs principally in fissure veins, quartz stockworks, breccia zones and areas of pervasive silicification.

Several zones of pyritic alteration and one zone of anomalous soil and rock samples were outlined. Both the gossans and anomalies are associated with intrusive feldspar porphyry dikes that crosscut the host Toodoggone volcanics in a north-south direction. Further work is needed to determine the nature and extent of mineralization on the property.

A Phase II program should include trenching combined with systematic sampling and alteration mapping. The budget for Phase II is \$22,445.

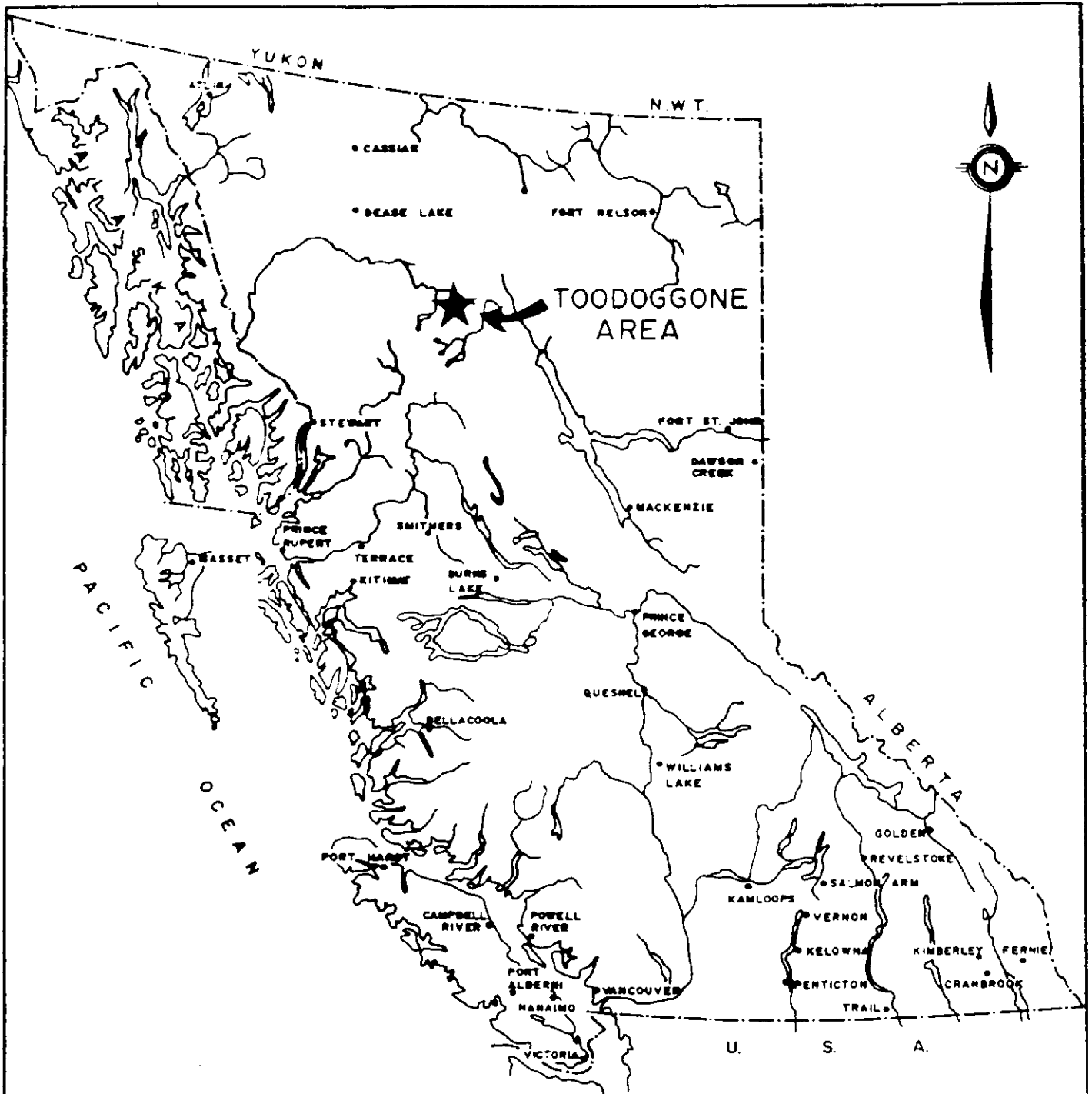


Figure 1
 LOCATION MAP
OREQUEST



TABLE of CONTENTS

Summary	
Table of Contents	
List of Figures	
Introduction	1
Location and Access	1
Physiography and Vegetation	2
Claim Status	3
History and Previous Work	3
Regional Geological Setting and Mineral Deposits	4
1985 Exploration Field Work	6
Property Geology	6
Soil Geochemistry	7
Conclusions and Recommendations	9
Budget	10
Itemized Cost Statement	
Certificate of Qualifications	
Anthony Floyd, Consulting Geologist	
Robert Helgason, Project Geologist	
Bibliography	

LIST of FIGURES

Figure 1	Property Location	Following Summary
Figure 2	Claim Location	Following Page 1
Figure 3	Regional Geology	Following Page 5
Figure 4	Geochemistry - Au	In Pocket
Figure 5	Geochemistry - Ag	In Pocket
Figure 6	Geochemistry - Cu	In Pocket
Figure 7	Geochemistry - As	In Pocket
Figure 8	Geochemistry - Ba	In Pocket
Figure 9	Rock and Soil Sample Locations	In Pocket
Appendix A	Analytical Techniques and Results	

INTRODUCTION

This report details the results of Phase I field work conducted on the Gravy II and IV claims in August, 1985. Work consisted of soil sampling, prospecting and geological mapping.

The Gravy II and IV claims consist of 30 units located in the Toodoggone area of north central British Columbia. The claims are owned 100% by Hemlo Explorations Ltd.

LOCATION and ACCESS

The claim block is situated 300 kilometers north of the city of Smithers and is centered at 57°23' North Latitude and 126°57' West Longitude on NTS map sheet 94E/7W, (Figures 1 and 2).

Access to the property is by fixed wing aircraft from Smithers to a 1,600 metre long gravel airstrip on the Sturdee River, a distance of 280 kilometers and from Sturdee airstrip north-east to the property by helicopter, a distance of 23 kilometers. An extension of the Omineca mining road which now terminates at Johanson Lake some 65 kilometers to the southwest is planned. This road would provide convenient road access from the Toodoggone area to Prince George and points south at a future date.

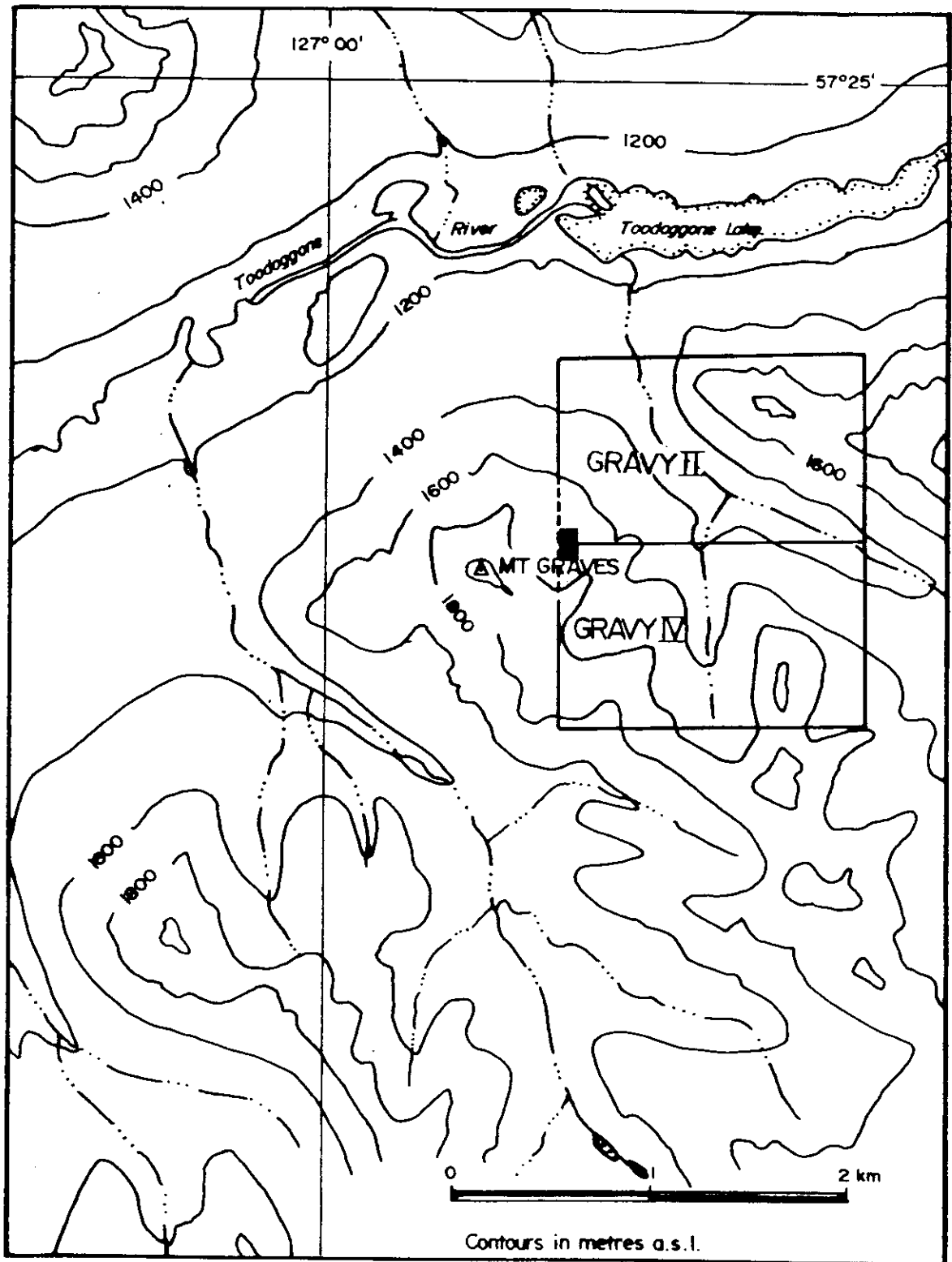


FIGURE 3 GRAVY II, IV MINERAL CLAIMS

PHYSIOGRAPHY and VEGETATION

The claims are located in the Omineca Mountains of north central British Columbia near the eastern edge of the Spatsizi Plateau. The area in the vicinity of the Gravy claims is characterized by rugged peaks and steep, narrow valleys.

Most of the claim block is rugged mountainous terrain with few level areas. Three cirques on the west part of the claims offer the most gentle terrain. A deep unnamed creek valley cuts northwest through the centre of the claims. East of this creek the valley rises steeply in a series of cliffs. Elevation on the property range from 1,300 metres to 2,100 metres.

Vegetation type is controlled by elevation. Below 1,600 metres it is predominantly fir whilst above 1,600 metres the vegetation is sparse and typical of alpine terrain.

Snowfall is heavy during the winter and lasts into June. Summers are short and temperatures can vary greatly from day to day. Frost can occur any day of the year while snowfall in July and August are not uncommon. Usually the area is snow free until early October.

CLAIM STATUS

The claims are located in the Omineca Mining Division, B.C. Pertinent data is as follows:

Name	Size	Record Number	Expiry Date
Gravy II	15 units	6908	March 26, 1986*
Gravy IV	15 units	6910	March 26, 1986*

*Assessment credit will be applied to extend this date

HISTORY and PREVIOUS WORK

The Toodoggone area was investigated for placer gold in the 1920's and 1930's. A public company, Two Brothers Valley Gold Mines Ltd., undertook considerable test work, including drilling in 1934. Most of this work was directed to extensive gravel deposits principally near the junction of McClair Creek and the Toodoggone River.

Gold-silver mineralization was discovered on the Chappelle (Baker Mine) property by Kennco Explorations (Western) Ltd. in 1969. DuPont of Canada Exploration Ltd. acquired the property in 1974 and began production at a milling rate of 90 tonnes per day in 1980.

Numerous other gold-silver discoveries were made in the 1970's and 1980's, including the Lawyers deposit which was discovered by Kennco in 1973 and optioned by SEREM Ltd. in 1979. Work on this property to date has included considerable trenching, drilling and underground development and a feasibility study is currently underway.

The Toodoggone area has been the scene of intense exploration activity during the past four years with numerous companies exploring over 3,000 mineral

claim units. Exploration and development expenditures to date are estimated to be in the order of \$33 million.

Immediately west of the Gravy II and IV claims lies the "Mount Graves" property of Great Western Petroleum Ltd. where gold and silver mineralization is reported associated with an orange quartz eye feldspar porphyry dike (Eccles, 1981). The eastern portion of the Gravy claims contain ground previously staked by SEREM Ltd. as the Duke 1 and 2 claims. Soil, silt and rock sampling did not delineate any areas of interest and the claims were allowed to lapse (Carne, 1981).

REGIONAL GEOLOGICAL SETTING and MINERAL DEPOSITS

The Toodoggone River area is situated near the eastern margin of the Intermontaine tectonic belt. Oldest rocks in the area are late Paleozoic limestones in the vicinity of Baker Mine where they are in fault contact with late Triassic Takla Group volcanic rocks.

A distinctive lithologic volcanic unit of early Jurassic age, called the Toodoggone volcanics, is a subaerial pyroclastic assemblage of predominantly andesitic composition. These unconformably overlie, or are in fault contact with older rocks, principally Takla Group volcanic rocks and undivided Hazelton Group feldspar porphyry flows and fragmental rocks.

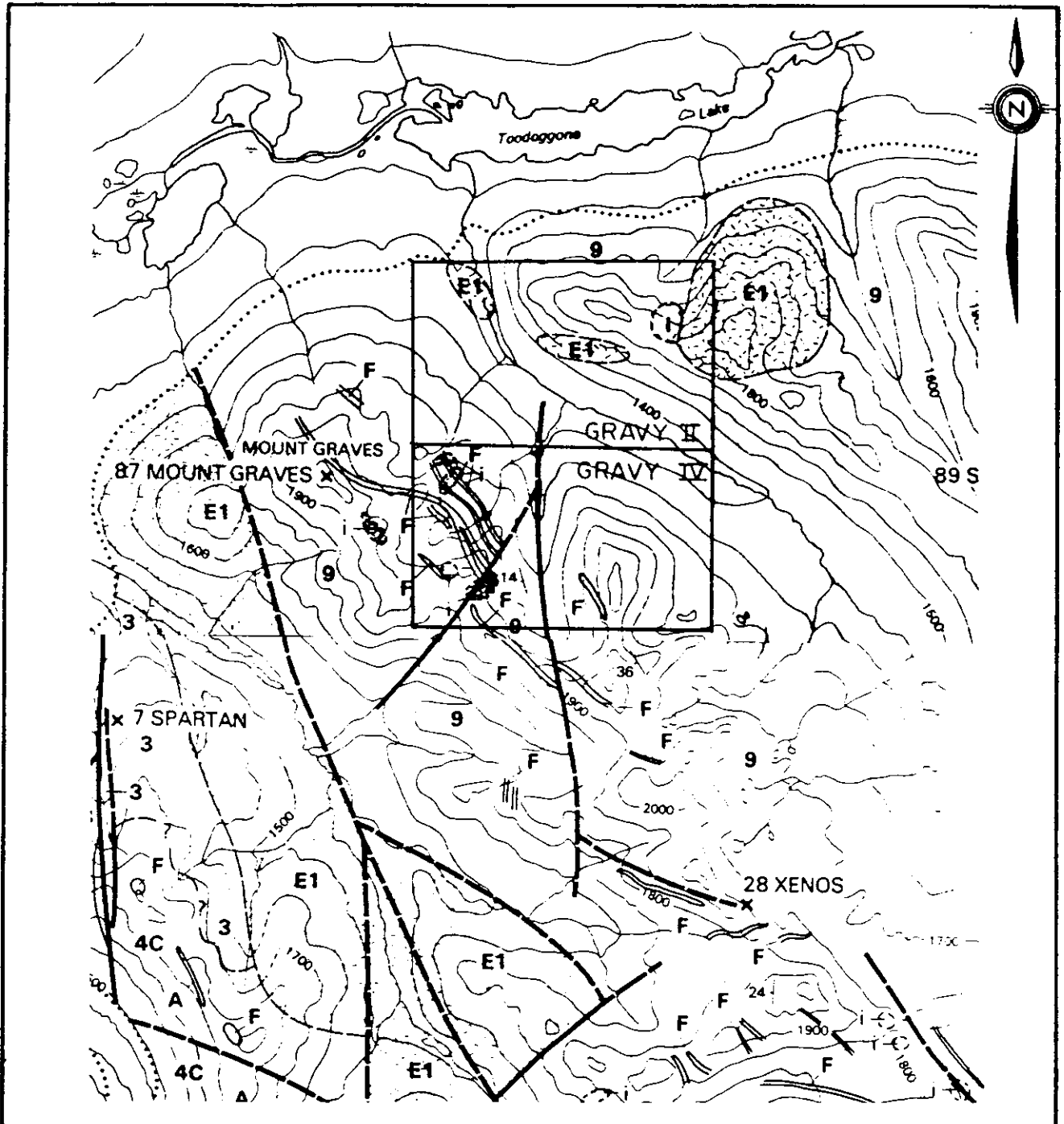
Toodoggone volcanic rocks are contained in a 100 by 25 kilometer northwest-trending belt extending from Thutade Lake in the south to Stikine River in the north.

Several major stratigraphic subdivisions of Toodoggone volcanics have been identified. These and older layered rocks of the Takla and Hazelton Groups are cut by Omineca granitic rocks of Early Jurassic Age, which commonly occur along the eastern margin of the Toodoggone volcanic belt, and by subvolcanic intrusions related to Toodoggone volcanics.

Clastic sedimentary rocks of the Cretaceous-Tertiary Sustut Group overlie older layered rocks near the Stikine River and form the southwestern exposed margin of the Toodoggone volcanic belt.

Several styles of economic mineralization have been identified of which the most important are epithermal precious and base metal deposits hosted principally by lower and middle units of Toodoggone volcanics and related to Toodoggone volcanic processes. Gold-silver mineralization occurs principally in fissure veins, quartz stockworks, breccia zones and areas of silicification in which ore minerals are fine-grained argentite, electrum, native gold and silver and lesser chalcopyrite, galena and sphalerite. Alteration mineral assemblages are typical of epithermal deposits with internal silicification, clay minerals and locally alunite, grading outward to sericite and clay minerals, chlorite, epidote and pyrite.

Examples include Baker Mine, a fissure vein system developed in Takla volcanic rocks, but spatially related to dikes believed to be associated with Toodoggone volcanic rocks. Pre-mining indicated reserves were 90,000 tonnes grading 30 grams/tonne gold and 600 grams/tonne silver. Recovered grades during the three year mine life were about half the indicated grades due to initial mill recovery problems and greater than expected dilution during mining.



LEGEND

- 9 Plagioclase porphyry andesite flows, tuffs, breccia
Some lahar, conglomerate, greywacke, siltstone
- 4C Pyroxene biotite hornblende flows. Equivalent to unit 6
- 3 Quartzose pyroxene biotite hornblende plagioclase porphyry flows and tuffs
- A Basalt
- E1 Granodiorite, quartz diorite
- F Feldspar porphyry dikes and plugs
- i Gossan, limonitic zone
- Main outcrop areas
- × Mineral occurrence
- Fault (observed, inferred)
- Contact (defined, assumed)

FIGURE 3

REGIONAL GEOLOGY
HEMLO EXPLORATIONS LTD. GRAVY II & IV CLAIMS

OREQUEST



The Lawyers deposit has gold-silver mineralization in banded chalcedony-quartz stockwork veins and breccia zones developed in Toodoggone volcanic rocks. Three potential ore zones have been defined to date and recently announced reserves are 1 million tonnes grading 7.27 grams/tonne gold and 254 grams/tonne silver. Numerous other epithermal gold-silver deposits in the area are hosted by lower and middle units of the Toodoggone volcanic sequence. These include the Sha, Saunders, Graves, Moosehore, Mets, Metasantan, A1, JD and Golden Lion prospects.

1985 EXPLORATION FIELD WORK

Field work was carried out in August 1985 under the direction of R. Helgason, Geologist with overall supervision by A. Floyd, Consulting Geologist, OreQuest Consultants Ltd., Vancouver, B.C. Support personnel from Hi-Tec Resource Management Ltd. were used for the soil survey and base camp operations.

Field work consisted of contour soil sampling, prospecting and geological mapping.

PROPERTY GEOLOGY

Outcrop on the claim block is plentiful due to the steep topography. The principal rock type exposed on the property is a varicoloured feldspar porphyry flow of andesitic composition probably belonging to the "Toodoggone Volcanics". Coeval and interfingered with these flows are andesitic breccia units. In the western portion of the claims feldspar porphyry dikes crosscut both of these units, while in the eastern portion of the Gravy II claim three quartz diorite intrusive plugs are found.

Alteration on the property appears to be related to the intrusives. Four gossanous areas were identified on the claims. Three of these are pyritic, limonitic gossans associated with feldspar porphyry dike swarms on the Gravy IV claim. Minor silicification near the dike margins was noted along with barite and calcite veining. The fourth alteration zone is found at the margin of a large diorite intrusion at the eastern edge of the Gravy II claim. Mineralization is limited to the introduction of pyrite.

SOIL GEOCHEMISTRY

Research into the mode of discovery of the known deposits in the Toodoggone area, revealed that silt, soil and rock geochemistry have proven to be the most useful tools in the search for epithermal precious metal deposits. Gold and silver give diagnostic signatures, but analyses for copper, barium and arsenic are also helpful.

Rock and soil samples collected during the course of the 1985 program were "prepared" by Min-En Labs. at their set up on the Sturdee airstrip, then shipped to their laboratory in North Vancouver for analysis. All rocks samples were analyzed for gold by fire assay with an atomic absorption finish while the soils were analyzed by atomic absorption for gold (aqua regia digestion) and by I.C.P. for silver, barium, copper, lead, zinc, molybdenum, arsenic, antimony, vanadium and cadmium.

A total of 388 soil samples and 45 rock samples were collected from the property. Soil samples were collected along selected contour levels. Samples were taken from the "B" horizon whenever possible, however, in areas where no

soil was present rock chips or talus fines were collected. In one area where the terrain was more subdued, a small soil grid was laid out.

Statistical analysis of the results for gold, silver, barium, arsenic and copper revealed that the following values were considered anomalous.

Au	Ag	Ba	As	Cu
50 ppb	4.9 ppm	917 ppm	31 ppm	185 ppm

Examination of the soil geochemical results reveals that the principal anomalous area lies in the vicinity of the detailed sampling on the Gravy II claim (inset area on Figure 9). It contains several samples anomalous in various elements. Gold values range up to 720 ppb and silver values are as high as 56.9 ppm. Barium is also enriched in this area with values up to 1,328 ppm. This concentration of anomalies likely reflects mineralization in bedrock. Possible sources of mineralization are several feldspar porphyry dikes that crosscut the host andesite. Extensive introduction of pyrite also accompanies the emplacement of these dikes. It is pertinent to observe that base metals are not anomalous in this area.

Another feature of interest are the two samples (#278 and 282) found in the southwest region of Gravy II. These samples (65 ppb Au and 60 ppb Au respectively) are found downslope of a large gossanous area associated with feldspar porphyry dikes and might reflect a possible continuation of mineralization along the dikes south from the principal anomalous zone.

With the exception of a group of four anomalous copper values in the centre of Gravy II, there was no other concentration of anomalies on the claim block.

CONCLUSIONS and RECOMMENDATIONS

A Phase I program of exploration has been completed on the Gravy II and IV claims. The work, consisting of prospecting, contour soil sampling and geological mapping has lead to the following conclusions:

- (a) A zone enriched in gold, silver and barium has been outlined;
- (b) Several gossans have been noted at the margins of feldspar porphyry dikes;
- (c) These dikes likely are the source of the mineralization discovered by sampling.

Therefore, further exploration is warranted. A Phase II program should include trenching combined with systematic sampling and alteration mapping.

If the trenching program is successful in locating significant precious metal mineralization, a Phase III program of diamond drilling would be warranted.

BUDGET

PHASE II

Geologist - 7 days @ \$300/day	\$ 2,100
Trenching Crew - 7 days @ \$600/day	4,200
Analysis - 150 samples @ \$10/sample	1,500
Camp Costs - 21 man days @ \$45/day	945
Helicopter Support	3,000
Fixed Wing Support	850
Mobilization and Demobilization	3,000
Material, Expediting and Radio Rental	1,150
Supervision	1,200
Report	<u>2,500</u>
	SUB-TOTAL
	\$20,445
	CONTINGENCY @ 10%
	<u>2,000</u>
	TOTAL
	<u>\$22,445</u>

ITEMIZED COST STATEMENT

Gravy Claim Group: August 1-7, 1985

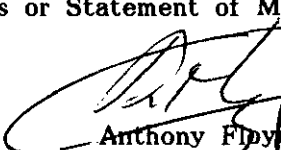
Field Exploration Expenses: Hi-Tec Resources/Ashworth Explorations/OreQuest

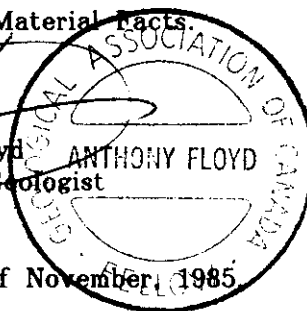
Project Geologist, R. Helgason - 8 man days @ \$280/day	\$ 2,240.00
Party Chief - 11 man days @ \$200/day	2,200.00
Technical Staff - 14 man days @ \$190/day	2,660.00
T. Floyd, Consultant - 2 man days @ \$400/day	800.00
Orientation	1,206.90
Mobilization and Demobilization	4,800.00
Materials	1,262.90
Expediting - Smithers	275.00
- Sturdee	950.00
Fixed Wing Support	2,780.00
Meals and Accommodation - 33 man days @ \$50/day	1,650.00
Camp Costs - 33 man days @ \$25/day	825.00
Helicopter	3,091.50
Assays	5,004.35
Supervision - Hi-Tec	<u>1,700.00</u>
SUB-TOTAL	\$31,445.65
Report Writing, Maps, Compilation and Supervision (OreQuest)	<u>2,617.00</u>
	<u>\$34,062.65</u>

CERTIFICATE of QUALIFICATIONS

I, Anthony Floyd, of 3400 West 2nd Avenue, Vancouver, British Columbia
hereby certify that:

1. I am a 1971 graduate of Nottingham University, England, with a BSc. Honours degree in geology.
2. I am a 1972 graduate of Leicester University, England, with a M.Sc degree in Mineral Exploration and Mining Geology.
3. I have practised my profession for the past twelve years in Canada, United States and Europe. For the past twelve years I have been a resident in British Columbia.
4. I am a Fellow of the Geological Association of Canada.
5. The information contained in this report is based on my personal examination of the property and on various government publications and company reports listed in the Bibliography.
6. I have not received, nor do I expect to receive, any interest direct or indirect in the properties or securities of Hemlo Explorations Ltd.
7. Hemlo Explorations Ltd. is hereby authorized to use this report in, or in conjunction with any Prospectus or Statement of Material Facts.


Anthony Floyd
Consulting Geologist



DATED at Vancouver, British Columbia, this 4th day of November, 1985.

CERTIFICATE of QUALIFICATIONS

I, Robert Helgason, of #4-1306 Bidwell Street, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1980) and hold a BSc. degree in geology.
2. I am presently employed as a project geologist with OreQuest Consultants Ltd. of 404-595 Howe Street, Vancouver, British Columbia.
3. I have been employed in my profession by various mining companies for the past five years.
4. The information contained in this report was obtained from an onsite property examination and supervision of the field work program conducted by OreQuest Consultants Ltd. in 1985.
5. I have not received, nor do I expect to receive, any interest direct or indirect in the properties or securities of Hemlo Explorations Ltd..
5. This report may be used by Hemlo Explorations Ltd. for all corporate purposes and including any public financing.



Robert Helgason
Project Geologist

DATED at Vancouver, British Columbia, this 4th day of November, 1985.

BIBLIOGRAPHY

CAIRA, N.M.

1982: Geology and Geochemistry Report Graves 1-8 Claims, Omineca Mining Division, British Columbia, BCMEMPR Assessment Report 10050.

CARNE, J.

1981: Geology and Soil Geochemistry, Duke 1 and 2 Claims (28 Units), Omineca Mining Division, BCMEMPR Assessment Report 9502.

CARTER, N.C.

1972: Toodoggone River Area, B.C.D.M., GEM 1971 pp 63-70.

DIAKOW, L.J.

1983: A Comparison of Volcanic Stratigraphy, Structure and Hydrothermal Alteration of the Silver Pond and Wrich-Awesome Claim Groups, Toodoggone River, B.C. B.C.D.M. Geological Fieldwork, 1982. Paper 1982-1, pp 134-141.

DIAKOW, L.J., PANTELEYEV, A. and SCHROETER, T.G.

1985: Geology of the Toodoggone River Area, BCMEMPR Preliminary Map #61.

ECCLES, L.

1981: Geological and Geochemical Report on GWP 1-9 Claims, Omineca Mining Division, B.C., BCMEMPR Assessment Report 9644.

ECCLES, L.

1982: Geological and Geochemical Report on GWP 19, 20, 41, 43 Claims (GWP III Group), Omineca Mining Division, B.C., BCMEMPR Assessment Report 10034.

ECCLES, L.

1981: Geological Report on the SNAFU Claim, Omineca Mining Division, British Columbia, BCMEMPR Assessment Report 11217.

HARRON, G.A.

1981: Geological and Geochemistry of the TO 2 Claim, Omineca Mining Division, British Columbia, BCMEMPR Assessment Report 9297.

PANTELEYEV, A.

1983: Geology between the Toodoggone and Sturdee Rivers, B.C.D.M., Geological Fieldwork, 1982. Paper 1983-1, pp 142-148.

SCHROETER, T.G.

1984: Toodoggone River (94E) B.C.D.M. Geological Fieldwork 1983. Paper 1984-1, pp 291-298.

1983: Toodoggone River (94E) B.C.D.M. Geological Fieldwork 1982. Paper 1983-1, pp 134-135.

1982: Toodoggone River (94E) B.C.D.M. Geological Fieldwork 1981. Paper 1982-1, pp 125-133.

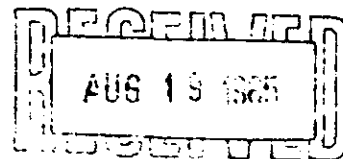
1981: Toodoggone River (94E) B.C.D.M. Geological Fieldwork 1980. Paper 1981-1, pp 122-123.

1980: Toodoggone River (94E) Geological Fieldwork 1979. Paper 1980-1, pp 124-130.

APPENDIX A

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814



ANALYTICAL REPORT

Project HE 85 Hemlo EX Date of report August 17/85.
File No. 51-13 Date samples received August 12/85.
Samples submitted by: _____
Company: Orequest Consultants
Report on: 344 soils, 38 rocks Geochem samples
Assay samples
Copies sent to:
1. Orequest Consultants, Vancouver, B.C.
2. Hi-Tec Resources, Vancouver, BC
3. _____
Samples: Sieved to mesh -80 soil Ground to mesh -80 rock
Prepared samples stored discarded
rejects stored discarded
Methods of analysis: Soils - 10 element ICP. Aqua regia.A.A.,
Rocks Cu,Pb,Zn,Ag-nitric,perchloric digestion.A.A., Au-fire.
Ba-fusion.A.A.
Remarks: _____

MIN-EN Laboratories Ltd.
 Specialists in Mineral Environments
 705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352020

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: OREQUEST CONSULTANTS
 PROJECT: HE 85
 ATTENTION: TONY FLOYD

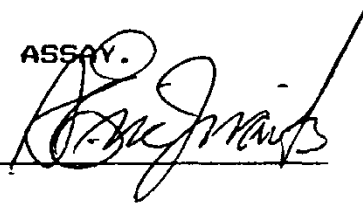
FILE: 51-13/P1
 DATE: AUGUST 15/85.
 TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PFB	BA PPM
HE85-R001				1.8	3	
R002	14	67	168	2.0	17	
R030				5.8	35	
R031				2.8	4	
R034				2.2	20	
R054				1.6	1	
R064				0.9	1	
JAR200				1.4	2	
JAR203 22000		940	160	1750.0	1	
R243				1.5	1	
R244				6.8	2	
R400	260	3600	410	7.9	98	
R401				1.8	1	
R402	4300	2100	260	96.0	182	
R403				1.2	1	260000
R404				1.6	1	
R405				2.4	2	
R406				1.4	2	
R407				1.0	1	
R408				2.0	2	
R409				1.5	1	
R410				3.0	2	
R411				0.6	1	
R412				2.0	2	
R413				1.2	1	
R414				0.8	1	
R415				1.2	2	
R416				1.9	2	
R417				1.0	3	
HE85-R418				0.8	1	

IF ANY OF THESE SAMPLES SHOULD HAVE BEEN REQUESTED FOR ASSAY.

Certified by _____



MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: OREQUEST CONSULTANTS
PROJECT: HE 85
ATTENTION: TONY FLOYD

FILE: 51-13/P2
DATE: AUGUST 14/85.
TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 8 samples submitted.

SAMPLE NUMBER	AG PPM	AU-FIRE PPB
HE-85-R-419	1.8	9
420	0.6	5
421	0.7	6
422	0.6	8
423	4.0	7
424	0.8	25
425	1.6	36
HE-85-R-426	1.4	5

Certified by



PROJECT NO: HE 85

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 51-139/P1+2

ATTENTION: ION: FLOYD/MALCOLM BELL

(604) 980-5814 DR (604) 988-4524

* TYPE SOIL GEOCHEM *

DATE: AUGUST 17, 1985

(VALUES IN PPM)	AG	AS	BA	CD	CU	MO	PB	SB	V	ZN	AU-PPB
HE85 003	1.0	3	158	1.9	14	9	53	7	57.0	173	80
HE85 004	.9	1	240	5.2	27	11	96	7	66.2	152	10
HE85 005	.7	2	220	2.2	17	11	68	8	74.0	117	5
HE85 006	.7	1	107	.4	10	10	38	7	54.5	55	5
HE85 007	.8	29	171	.7	12	9	41	8	50.0	48	5
HE85 008	.8	5	233	.7	5	8	25	6	55.2	53	10
HE85 009	.6	3	226	1.4	6	7	24	6	57.8	65	5
HE85 010	.6	2	149	.3	11	7	39	7	56.4	55	5
HE85 011	.1	2	73	.4	9	4	20	3	45.5	34	10
HE85 012	2.2	4	532	4.7	10	8	194	6	57.4	112	5
HE85 013	.8	2	372	2.0	12	7	86	5	52.9	84	15
HE85 014	.7	2	126	.8	15	7	41	6	47.4	101	5
HE85 015	2.5	20	265	1.3	16	6	38	4	46.1	69	5
HE85 016	2.1	1	115	.2	23	8	44	7	74.5	103	5
HE85 017	1.8	1	107	.6	20	7	38	6	64.8	91	10
HE85 018	2.1	4	342	.7	11	7	41	5	45.4	76	5
HE85 019	1.3	11	136	.5	11	6	28	5	47.9	65	5
HE85 020	1.0	1	362	.8	11	8	55	6	50.8	91	5
HE85 021	1.9	16	282	1.8	11	8	68	5	35.8	75	10
HE85 022	.9	18	212	.9	10	6	36	5	40.1	85	5
HE85 023	N/S										
HE85 024	1.5	1	145	1.3	15	8	45	6	48.7	132	10
HE85 025	1.6	9	337	1.8	13	7	96	7	62.3	164	5
HE85 026	5.6	42	577	4.4	39	13	233	9	43.3	362	15
HE85 027	1.6	13	305	1.1	9	9	57	6	25.0	97	5
HE85 028	2.4	10	972	4.1	26	9	116	7	19.8	251	50
HE85 029	1.2	6	722	1.4	11	7	56	6	28.0	149	5
HE85 032	1.9	9	605	1.3	21	9	86	7	27.9	170	5
HE85 033	1.7	1	292	1.3	25	10	97	9	42.6	186	10
HE85 035	.6	1	341	.2	1	7	22	7	24.0	37	5
HE85 036	.7	1	448	.5	11	9	41	6	41.3	104	5
HE85 037	.6	2	189	1.2	1	4	23	3	9.0	121	5
HE85 038	.8	1	181	.4	10	7	29	7	40.1	78	5
HE85 039	.3	1	164	1.4	11	9	105	8	36.4	115	5
HE85 040	.7	1	328	.1	7	10	42	11	10.9	37	10
HE85 041	.3	1	192	1.1	12	11	67	7	33.8	120	20
HE85 042	.3	7	407	.8	11	7	62	6	38.2	81	5
HE85 043	.6	9	143	.9	10	7	44	5	48.9	70	10
HE85 044	.7	7	258	.8	13	9	53	7	69.4	111	5
HE85 045	.7	15	210	.9	13	11	68	7	56.8	132	5
HE85 046	.6	15	98	.1	10	8	33	6	63.8	74	5
HE85 047	.6	2	140	1.2	11	10	101	8	62.6	171	45
HE85 048	.8	11	146	.5	9	6	35	5	48.0	55	20
HE85 049	.8	1	145	.1	13	12	59	11	62.6	150	5
HE85 ST050	1.6	1	273	2.7	42	11	83	8	94.9	303	40
HE85 ST051 40M	1.7	1	276	3.2	34	11	69	9	91.3	298	15
HE85 ST052	1.9	1	154	3.6	56	11	138	9	122.1	430	30
HE85 ST053 40M	2.0	1	405	2.7	40	11	65	9	80.6	242	15
HE85 055	1.3	1	213	2.7	18	11	71	9	108.8	204	10
HE85 056	.9	1	245	.4	21	8	30	7	102.3	125	5
HE85 057	2.0	1	130	.8	42	9	47	8	97.5	179	5
HE85 058	1.0	1	147	1.1	37	9	53	6	87.5	124	5
HE85 059	.8	15	183	2.3	41	7	55	5	66.8	79	5
HE85 060	1.7	9	101	3.4	64	10	189	8	112.2	237	10
HE85 061	1.4	2	111	1.0	51	9	75	8	113.0	152	15
HE85 062 40M	2.0	7	121	1.6	58	10	103	8	104.3	203	5
HE85 063	1.2	5	135	1.1	45	10	80	8	96.0	159	10
HE85 065	1.2	6	95	1.6	38	13	80	6	94.5	152	5
HE85 066	1.5	11	89	2.4	36	10	84	6	88.9	163	5
HE85 067	1.4	20	215	2.1	60	11	141	8	105.7	194	5

PROJECT NO: HE 85

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 51-135/P5+6

ATTENTION: TONY FLOYD/MALCOLM BELL

(604) 980-5814 OR (604) 988-4524

* TYPE SOIL GEOCHEM *

DATE: AUGUST 17, 1985

(VALUES IN PPM)	AG	AS	BA	CD	CU	MO	PB	SB	V	ZN	AU-PPB
HE85 212	.8	8	238	.8	7	6	33	5	17.7	46	25
HE85 213 40M	1.0	6	218	2.5	16	8	47	6	28.5	98	10
HE85 214	2.0	9	186	2.5	29	15	137	9	41.4	174	40
HE85 215	1.4	1	352	1.7	24	16	162	10	34.0	135	15
HE85 216 40M	3.6	5	401	11.0	28	14	113	10	27.7	277	5
HE85 217	.8	1	268	.4	4	9	35	6	12.1	33	3
HE85 218	1.3	3	436	1.5	13	12	56	10	69.7	196	35
HE85 219	1.1	1	245	.8	15	14	256	11	18.8	88	5
HE85 220	2.1	1	274	3.7	16	12	120	11	45.3	242	10
HE85 221	1.7	2	580	1.9	13	10	40	8	56.7	160	10
HE85 222	1.7	5	456	4.9	18	11	94	8	23.4	241	5
HE85 223	1.8	16	402	2.7	31	14	134	11	50.9	321	5
HE85 224	2.5	20	370	5.6	57	19	338	11	39.3	302	20
HE85 225	1.8	3	355	11.7	19	15	201	9	38.4	547	20
HE85 226	1.9	1	290	4.6	18	12	134	9	28.1	201	15
HE85 227	3.3	1	429	10.0	23	17	152	13	32.4	489	5
HE85 228	1.4	5	312	3.4	29	10	66	7	27.0	240	5
HE85 229	2.0	4	222	12.4	73	13	758	9	72.1	240	5
HE85 230 20M	4.7	4	105	8.4	34	10	114	8	61.8	178	5
HE85 231	2.0	4	358	6.9	32	9	248	7	42.0	247	20
HE85 232	1.3	6	302	2.2	14	9	93	6	19.1	136	5
HE85 233	2.8	9	665	4.9	39	9	147	7	45.4	160	50
HE85 234	1.1	6	483	1.3	16	8	46	6	49.0	136	35
HE85 235	1.0	12	408	1.8	18	9	80	6	42.2	162	15
HE85 236	1.9	14	516	4.4	36	10	210	8	59.3	268	20
HE85 237	1.2	10	277	1.6	23	9	113	8	59.8	146	10
HE85 238	1.0	6	264	1.3	14	9	94	7	46.0	121	5
HE85 239	1.6	4	768	1.6	12	9	85	8	33.8	129	30
HE85 240 40M	1.9	2	434	4.9	26	9	195	8	26.3	286	15
HE85 241	.8	6	399	1.0	15	8	59	7	43.6	95	5
HE85 242	.9	9	252	.1	9	6	34	3	33.9	65	5
HE85 245	.8	9	170	.8	4	7	45	5	26.7	123	5
HE85 246	1.4	2	209	.9	4	7	17	5	26.6	94	3
HE85 247	1.3	6	464	.7	5	8	77	6	20.8	140	5
HE85 248	6.2	1	390	.6	10	8	208	6	26.4	141	20
HE85 249	1.8	7	272	1.3	10	8	77	6	24.7	174	5
HE85 250	2.0	1	719	5.3	12	8	274	6	35.8	164	5
HE85 251	2.0	1	360	2.8	13	9	71	7	13.8	218	10
HE85 252	3.2	7	1076	3.7	24	10	133	7	20.2	290	5
HE85 253 40M	1.7	1	373	1.7	14	9	80	7	30.2	186	5
HE85 254 40M	1.9	1	304	1.1	6	7	23	6	17.7	120	5
HE85 255	3.0	1	451	5.6	21	10	172	7	17.5	331	10
HE85 256 40M	2.8	1	483	4.0	22	10	129	7	22.9	275	5
HE85 257	1.8	1	379	1.5	7	6	69	5	17.6	170	80
HE85 258 40M	1.9	2	591	2.1	10	5	53	4	9.5	137	15
HE85 259	3.9	1	683	2.1	18	6	106	4	12.9	167	15
HE85 260	5.8	1	482	2.3	25	7	146	6	20.6	197	25
HE85 261	2.7	1	458	2.4	82	9	84	7	36.3	242	455
HE85 262	3.3	9	467	1.1	20	10	125	7	33.2	161	35
HE85 263	5.2	1	663	19.6	64	13	1337	9	21.4	1303	20
HE85 264	46.9	2	1184	5.3	24	10	402	7	23.6	315	35
HE85 265	1.8	3	796	2.4	30	6	83	5	18.6	178	25
HE85 266 40M	2.7	1	842	6.0	21	11	307	6	15.8	373	15
HE85 267	1.1	7	390	1.8	11	9	93	7	37.0	166	10
HE85 268	.9	10	176	1.0	13	10	66	7	48.8	121	5
HE85 269	1.1	3	375	1.7	11	9	42	5	40.3	121	5
HE85 270	1.3	7	518	5.3	8	6	52	4	24.8	147	80
HE85 271	3.6	6	1639	10.3	29	8	378	6	23.2	388	60
HE85 272	1.9	1	205	1.2	19	10	245	9	42.6	306	5
HE85 273	1.4	17	210	1.7	6	10	48	6	47.5	148	3

PROJECT NO: HE 85

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 51-13S/P7+8

ATTENTION: TONY FLOYD/MALCOLM BELL

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: AUGUST 17, 1985

(VALUES IN PPM)	AG	AS	BA	CD	CU	MO	PB	SB	V	ZN	AU-PPB
HE85 274	2.2	13	426	.8	6	9	54	6	52.2	105	15
HE85 275 40M	9.9	12	1184	10.5	32	13	714	7	26.1	360	30
HE85 276	2.3	6	714	6.8	16	11	325	6	22.7	230	10
HE85 277	1.5	6	450	2.1	9	11	103	6	25.1	139	10
HE85 278	2.1	10	470	3.1	15	9	75	7	31.0	188	65
HE85 279	3.2	1	194	2.4	15	15	71	8	16.7	135	15
HE85 280	1.2	1	384	1.0	12	14	47	9	15.6	107	5
HE85 281	1.9	1	365	6.3	15	15	84	9	11.4	593	10
HE85 282 40M	1.1	6	346	1.6	15	11	124	8	20.9	173	60
HE85 283	1.0	11	507	1.3	8	7	75	4	22.4	79	5
HE85 284	1.1	2	613	2.6	11	11	109	7	13.8	154	5
HE85 285	1.6	9	662	2.0	30	10	106	7	47.6	186	10
HE85 286 40M	2.1	10	370	2.1	18	8	68	6	40.8	303	5
HE85 287 40M	2.7	1	303	.3	41	10	34	8	106.0	99	15
HE85 288 40M	1.1	10	114	1.2	31	6	27	4	44.9	75	10
HE85 289	1.0	13	114	.2	30	9	51	5	84.7	80	10
HE85 290	1.2	16	73	.6	29	8	47	5	69.3	149	5
HE85 291	2.0	1	118	.3	45	9	78	5	98.0	147	5
HE85 292 40M	1.9	1	122	1.0	55	9	105	5	91.6	189	3
HE85 293	1.7	9	143	3.1	84	9	245	5	74.6	256	5
HE85 294	1.0	3	156	2.7	37	9	168	7	107.5	215	5
HE85 295	1.8	14	98	2.0	61	8	158	5	77.0	215	10
HE85 296	1.1	15	139	3.0	27	7	155	5	67.8	125	5
HE85 297	1.6	16	134	2.9	50	10	137	7	92.0	278	5
HE85 298	1.3	13	150	4.5	47	10	151	8	95.4	377	5
HE85 299	1.4	1	159	3.2	74	13	182	9	121.9	558	3
HE85 300	2.3	1	161	7.2	78	24	248	8	128.1	536	15
HE85 301	1.9	10	104	3.3	54	12	198	8	98.3	269	5
HE85 302	1.6	1	128	2.6	53	11	163	8	138.8	320	5
HE85 303	2.2	6	967	14.9	68	9	596	7	112.1	778	15
HE85 304	2.5	2	166	5.9	97	10	394	8	125.9	556	20
HE85 305	2.6	3	119	6.5	141	10	228	8	116.7	422	15
HE85 306	4.1	1	221	5.2	195	10	463	7	109.0	553	10
HE85 307	2.4	1	117	2.0	87	10	178	7	114.0	254	15
HE85 308	3.0	10	127	2.6	91	10	176	7	106.4	264	15
HE85 309	1.7	4	120	.6	133	10	50	7	107.0	119	10
HE85 310	2.1	1	132	1.1	118	11	83	7	172.0	138	5
HE85 311	2.3	1	127	2.2	95	10	132	6	126.6	216	5
HE85 312	2.4	1	225	3.9	75	10	294	7	122.1	390	5
HE85 313	3.0	8	132	2.4	93	10	240	6	95.7	326	5
HE85 314	1.4	5	98	1.0	39	9	138	6	86.7	174	5
HE85 315	1.5	2	268	2.0	45	9	237	6	98.5	289	10
HE85 316	1.7	1	161	4.0	37	14	140	6	92.3	276	5
HE85 317	2.0	3	194	1.7	53	9	138	7	108.4	282	5
HE85 318	1.5	1	144	.8	30	10	129	7	108.2	151	5
HE85 319	2.0	5	140	1.3	46	10	91	7	102.9	179	15
HE85 320	1.3	4	124	1.8	38	9	98	6	86.0	197	10
HE85 321	1.5	1	92	.1	17	9	33	5	101.9	77	5
HE85 322	2.2	1	138	2.1	42	10	70	7	96.6	222	10
HE85 323	1.9	1	103	.4	37	9	52	6	92.6	175	5
HE85 324	1.4	36	98	.9	16	8	32	5	71.1	87	10
HE85 325	1.4	11	96	.6	29	8	46	5	85.8	102	5
HE85 326	1.5	5	93	.4	18	9	53	6	70.8	121	5
HE85 327	2.8	23	212	1.0	54	10	73	7	92.1	268	5
HE85 328	1.7	11	153	.1	46	8	63	6	82.6	148	5
HE85 329	2.1	1	194	1.4	32	9	128	6	115.4	136	5
HE85 330	1.7	1	112	.5	38	8	72	6	95.8	169	5
HE85 331	1.1	18	231	1.2	31	8	67	5	79.6	107	5
HE85 332	1.7	1	125	1.1	31	10	68	7	97.4	148	5
HE85 333	1.4	10	137	1.1	33	10	87	6	90.0	170	5

PROJECT NO: HE 85

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 51-135/P9+10

ATTENTION: TONY FLOYD/MALCOLM BELL

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: AUGUST 17, 1985

(VALUES IN PPM)	AG	AS	BA	CD	CU	MO	PB	SE	V	ZN	AU-PPB
HE85 334 40M	.9	1	124	.3	31	11	70	7	115.3	121	5
HE85 335	1.1	1	63	.1	23	9	23	5	107.5	30	5
HE85 336	1.7	7	78	.7	17	6	26	4	75.4	43	10
HE85 337	1.3	1	96	.4	27	12	54	9	121.8	93	10
HE85 338	1.6	1	70	.1	18	9	32	6	89.3	68	5
HE85 339	1.6	1	78	.6	25	9	39	6	97.5	133	20
HE85 340	1.6	1	76	1.0	32	9	59	6	96.3	112	35
HE85 341	1.3	7	83	.9	43	8	51	5	82.3	132	20
HE85 342	1.5	1	123	2.1	40	9	91	7	88.8	229	10
HE85 343	1.3	1	131	.1	27	9	36	7	129.1	53	20
HE85 344	1.2	1	83	2.6	23	9	82	5	83.1	84	5
HE85 345 40M	1.3	5	73	1.7	22	7	86	5	65.7	76	5
HE85 346	1.5	7	115	3.3	37	7	75	5	61.9	155	10
HE85 347	1.6	1	69	.1	17	10	71	7	94.9	128	10
HE85 348	1.7	1	124	1.3	41	10	148	7	109.1	275	5
HE85 349	1.4	1	140	1.2	20	8	75	6	103.4	119	30
HE85 350	1.5	6	200	2.1	37	9	204	7	100.5	288	25
HE85 351	1.4	13	215	2.4	31	7	181	5	72.0	167	10
HE85 352	1.7	12	158	3.6	65	9	211	6	72.9	231	30
HE85 353	2.7	6	135	4.7	92	9	264	7	100.6	305	40
HE85 354	1.6	1	156	2.3	45	14	72	9	124.6	144	30
HE85 355	2.0	1	114	1.4	89	11	104	8	116.1	196	40
HE85 356	1.4	1	114	.9	30	8	45	5	85.6	104	5
HE85 357	1.5	1	87	.1	20	9	30	6	111.7	103	10
HE85 358	1.4	8	122	.2	28	9	33	6	78.0	107	5
HE85 359	1.6	1	111	.1	20	9	45	6	94.9	107	5
HE85 360	1.7	9	153	.6	26	10	53	7	96.9	172	20
HE85 361	1.5	2	108	1.0	16	9	34	6	102.6	85	10
HE85 362	1.4	1	167	.5	26	11	62	7	107.0	115	5
HE85 363	2.7	1	136	1.3	51	9	50	8	147.1	118	10
HE85 364	1.0	1	75	1.3	41	9	50	5	67.1	105	5
HE85 365	1.9	1	436	9.0	47	8	174	6	90.7	242	15
HE85 366	2.4	18	78	3.7	59	10	188	5	70.7	377	15
HE85 367	3.3	1	110	5.5	112	11	360	8	121.1	675	20
HE85 368	3.6	1	124	9.0	103	11	473	10	150.7	713	25
HE84 369	2.9	1	116	5.6	59	13	156	11	190.7	411	20
HE85 370	2.3	4	136	8.5	76	9	234	6	90.3	243	15
HE85 371	2.4	1	152	3.3	48	10	223	8	116.0	320	10
HE85 372 40M	3.4	1	117	5.1	53	11	168	8	95.5	414	15
HE85 373	1.4	14	135	4.2	26	9	104	6	62.9	185	10
HE85 374	1.6	8	102	4.0	38	8	128	6	69.7	183	5
HE85 375	2.0	6	95	4.2	83	9	282	7	89.3	489	10
HE85 2500E4900M	1.3	7	164	1.3	18	7	50	6	33.4	163	10
HE85 2500E4950M	1.1	7	195	.9	12	8	63	6	35.5	130	10
HE85 2500E5000M	1.2	5	274	1.7	6	11	136	7	31.1	217	10
HE85 2550E4850M	2.4	4	472	2.7	27	8	316	6	43.6	273	295
HE85 2550E4900M	1.3	11	196	1.6	11	7	40	6	35.4	123	15
HE85 2550E4950M	1.1	15	292	1.8	8	7	39	6	34.8	142	5
HE85 2550E5000M	1.0	10	275	.8	12	6	32	5	45.8	71	10
HE85 2600E4600M	1.5	12	825	.9	8	3	11	2	14.3	48	10
HE85 2600E4650M	1.3	3	184	.1	13	8	22	6	81.6	67	5
HE85 2600E4700M	1.4	1	177	.1	11	9	17	6	83.2	72	5
HE85 2600E4750M	2.9	28	1379	.8	20	7	22	4	39.6	70	5
HE85 2600E4800M	1.0	14	172	.7	12	6	17	5	53.4	63	10
HE85 2600E4850M	1.1	12	268	1.2	10	9	38	7	43.4	120	15
HE85 2600E4900M	1.5	18	439	1.3	6	5	41	3	45.8	68	5
HE85 2600E4950M	1.1	8	290	1.1	12	8	38	5	40.4	98	5
HE85 2600E5000M	1.3	1	240	.9	10	9	46	7	33.6	137	5
HE85 2650E4600M	1.1	7	359	.7	12	7	16	5	55.0	74	10

PROJECT NO: HE 85

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 51-135/P11+12

ATTENTION: TONY FLOYD/MALCOLM BELL

(604)980-5814 OR (604)980-4524

* TYPE SOIL GEOCHEM *

DATE: AUGUST 17, 1985

(VALUES IN PPM)	AS	AS	BA	CD	CU	MO	PB	SB	V	ZN	AU-PPB
HE85 2650E4700N	1.0	1	101	.6	10	7	12	4	57.6	42	10
HE85 2650E4750N	1.3	1	261	1.3	21	7	30	5	61.6	117	20
HE85 2650E4800N	1.1	6	183	1.4	12	7	27	5	42.0	114	5
HE85 2650E4850N	2.2	18	394	1.5	8	4	20	3	21.4	112	5
HE85 2650E4900N	1.1	10	317	1.2	11	6	34	5	30.2	135	5
HE85 2650E4950N	.8	11	248	.8	11	6	26	4	28.4	82	10
HE85 2650E5000N	1.2	1	247	1.1	12	9	29	7	41.8	114	10
HE85 2700E4650N	.9	1	132	.9	14	7	26	5	58.0	83	20
HE85 2700E4700N	.9	1	95	.1	13	7	17	5	52.7	73	5
HE85 2700E4750N	1.0	12	354	1.5	11	5	21	3	38.2	76	5
HE85 2700E4800N	1.1	18	318	1.0	9	4	16	2	28.4	60	5
HE85 2700E4850N	1.4	1	142	1.0	16	7	23	6	72.0	93	70
HE85 2700E4900N	.9	3	170	.7	10	6	40	4	31.3	101	10
HE85 2700E4950N	2.0	9	269	2.6	11	6	40	5	30.2	127	20
HE85 2700E5000N	1.7	1	206	.8	14	9	109	5	21.5	115	15
HE85 2750E4650N	1.7	10	299	2.1	12	7	21	4	27.2	87	20
HE85 2750E4700N	1.0	6	234	1.5	11	6	19	5	46.6	77	10
HE85 2750E4750N	1.7	5	823	1.8	10	7	23	4	35.5	136	15
HE85 2750E4800N	1.0	13	316	1.4	12	6	20	3	27.9	69	5
HE85 2750E4850N	.4	19	143	.6	10	5	15	3	35.4	45	5
HE85 2750E4900N	.6	6	112	.8	12	7	20	5	53.6	74	3
HE85 2750E4950N	1.1	7	187	.7	12	6	109	4	25.6	95	5
HE85 2750E5000N	.9	4	273	.5	9	6	24	5	37.9	103	5
HE85 2800E4550N	1.2	6	479	3.4	10	6	30	4	19.5	94	10
HE85 2800E4600N	1.4	12	1029	.7	17	6	22	3	44.7	55	5
HE85 2800E4650N	1.2	19	321	.9	7	3	12	2	18.3	35	5
HE85 2800E4700N	.9	2	352	.8	13	7	25	6	33.6	87	20
HE85 2800E4750N	1.6	25	702	1.6	10	5	18	3	20.3	64	5
HE85 2800E4800N	1.0	4	169	.6	13	8	19	6	47.1	92	5
HE85 2800E4850N	1.1	8	210	1.2	11	6	19	4	41.0	82	10
HE85 2800E4900N	.8	1	154	1.1	12	7	21	5	53.0	65	15
HE85 2800E4950N	1.0	17	219	.2	7	6	14	4	30.1	71	5
HE85 2800E5000N	1.1	1	193	.6	10	7	24	6	43.6	101	5
HE85 2800E5050N	1.5	4	384	.3	12	6	39	6	57.6	108	10
HE85 2850E4550N	1.4	7	325	1.1	8	7	23	6	33.1	82	25
HE85 2850E4600N	1.5	1	225	.1	17	8	28	7	59.1	122	5
HE85 2850E4650N	2.2	1	462	1.7	17	12	59	9	39.2	171	15
HE85 2850E4700N	1.4	13	316	1.0	9	6	22	5	26.1	57	5
HE85 2850E4750N	1.6	24	102	1.6	10	6	28	5	22.3	59	5
HE85 2850E4800N	1.5	9	207	1.0	13	10	41	8	36.5	145	5
HE85 2850E4850N	1.4	8	188	.9	9	8	28	6	38.8	97	10
HE85 2850E4900N	1.5	14	314	.2	9	6	24	6	34.1	63	5
HE85 2850E4950N	1.7	1	282	.1	9	8	21	7	45.7	105	5
HE85 2850E5000N	1.4	1	244	.3	12	9	23	8	48.3	116	10
HE85 2850E5050N	2.5	1	255	1.0	13	9	37	10	52.8	220	5

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project **HE 85** Date of report **Oct. 7/85.**

File No. **5-734** Date samples received

Samples submitted by: **Malcolm Bell**

Company: **Hi-Tec Resource Management**

Report on: **21 soils** Geochem samples

Assay samples

Copies sent to:

1. **Hi-Tec Resource Management, Vancouver, B.C.**

2.

3.

Samples: Sieved to mesh **-80** Ground to mesh

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: **10 element ICP. Au-aqua regia.A.A.**

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

PROJECT NO: HE 85

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 5-734

ATTENTION: MALCOLM BELI

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: OCT 7, 1985

(VALUES IN PPM)	AG	AS	BA	CD	CU	MO	PB	SB	V	ZN	AU-PPB
S604 40M	2.8	1	442	2.8	28	5	199	4	11.5	173	5
S607	2.0	1	431	3.3	51	8	104	6	24.7	211	165
B02	3.6	4	588	1.6	17	7	185	6	28.9	150	20
B03	2.5	3	381	2.3	20	7	109	7	15.7	159	15
B04	4.2	2	475	2.7	22	7	109	7	16.9	150	10
B05 40M	3.4	3	603	2.7	49	10	154	8	30.0	210	10
B06	56.9	18	341	25.3	234	8	2111	8	14.6	1039	10
B07	4.1	1	741	.9	16	7	98	6	24.5	114	40
B08	5.9	3	1260	2.8	131	8	299	7	25.6	110	10
B09	.9	4	794	1.0	15	9	83	6	25.3	109	5
B11	1.2	1	372	2.5	13	6	101	6	18.7	186	95
B12	2.6	1	366	1.6	21	6	130	6	14.4	142	5
B13	1.8	1	381	2.6	45	7	91	6	24.8	193	230
B14	2.7	1	502	2.2	11	8	83	7	29.4	118	5
B15	1.9	4	684	2.3	21	10	137	8	24.3	126	10
B16	6.3	1	1025	13.6	55	8	1142	7	19.4	932	100
B17	4.0	5	396	4.3	20	10	168	8	12.1	242	90
B18	.9	7	589	2.1	34	10	137	6	21.7	180	5
B19	.7	5	1054	2.2	24	10	93	6	22.7	136	5
B20	.2	1	851	1.1	11	7	64	4	15.0	93	5
B22	.6	7	182	1.0	13	9	76	7	20.4	121	5

PROJECT NO: NERS

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T3

FILE NO: 51-278/F3+4

ATTENTION: MALCOLM BELL

16041980-5814 OR 16041988-4524

* TYPE ROD: GEOWEN *

DATE: SEPT 25, 1985

VALUES IN PPM	AB	AS	EA	ED	EU	MO	PB	SB	V	7N	QU-PPB
810	18.1	1	1440	113.3	9132	7	6876	16	29.3	3230	170
821	2.5	1	3505	45.4	60	11	1155	13	9.4	2150	10
601	2.1	5	323	8.2	19	7	554	5	29.5	258	190
602	1.2	9	68	1.2	21	6	335	5	26.2	123	30
603	38.2	10	96	26.6	1896	10	2202	9	78.1	765	187
800	18.6	64	857	4.1	78	30	475	8	32.2	253	150
801 <i>He 10</i>	8.8	13	840	558.2	171	14	4417	10	25.6	19541	65

ATTENTION: MALCOLM BELL

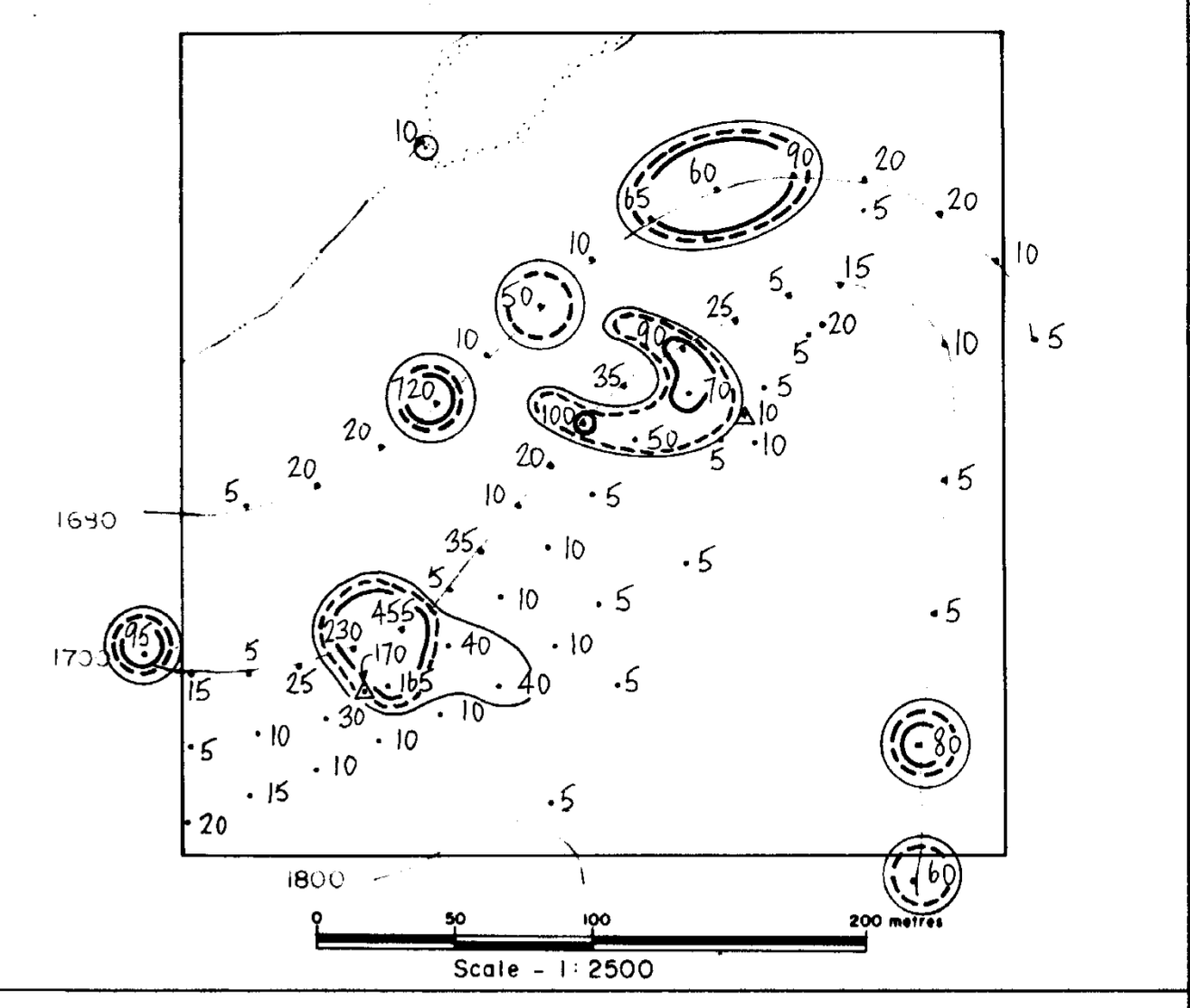
1604 981-5514 OF 1604 986-1724

FILE NO: 51-2706

DATE: SEPT 27, 1965

VALUES IN PPM	AS	AS	BA	CO	CO	MO	FR	SI	NI	ZN	40-PPM
S605	3.1	1	345	3.0	17	7	115	6	22.5	187	10
S606	7.0	1	508	2.3	27	6	127	6	21.1	163	30
S608	7.3	4	598	5.3	41	10	509	7	21.0	255	40
S609	6.6	1	489	2.0	31	10	94	6	24.5	172	10
S610	1.4	1	347	1.4	16	7	66	6	27.0	121	10
S611	3.3	6	526	3.5	35	10	140	6	26.9	168	5
S612	1.6	1	715	1.6	17	7	111	6	31.0	94	50
S613	6.0	4	797	4.6	33	6	401	6	15.7	292	70
S614	3.3	1	383	2.7	22	7	138	5	24.3	173	5
S615	3.0	1	356	2.7	18	7	112	6	20.5	185	20
S616	4.2	1	465	4.4	67	7	174	7	25.0	402	20
S617	2.1	1	348	2.7	35	8	85	7	26.4	215	20
S618	4.0	2	621	2.3	14	9	99	7	35.8	157	10
S619 40M	2.9	6	554	4.4	26	9	162	7	21.2	217	50
S620	3.0	6	454	2.9	19	11	178	9	25.0	191	10
S621	5.9	5	1328	3.7	19	8	454	7	25.8	316	65
S622	5.1	6	700	4.3	20	10	200	8	18.4	274	60
S623	2.7	2	774	4.4	19	7	186	6	15.1	251	90
S624	1.1	6	996	2.5	17	8	109	5	25.5	175	20
S625	.9	1	793	4.4	13	5	104	3	12.7	173	20
S626	.6	2	195	1.8	8	4	42	4	25.4	107	10
S627	.9	5	428	5.1	19	3	35	2	32.1	144	5
S628	2.4	6	631	3.0	31	8	96	6	27.3	210	10

Hemo.



LEGEND

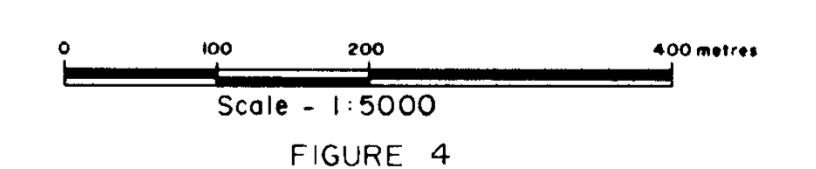
- Gold (ppb)
- Background < 36
 - Threshold 36 to 49
 - Anomalous 50 to 60
 - Very Anomalous > 60

SYMBOLS

- claim post and boundaries
- lake
- creek
- soil sample
- rock sample
- silt sample
- grid lines

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,436



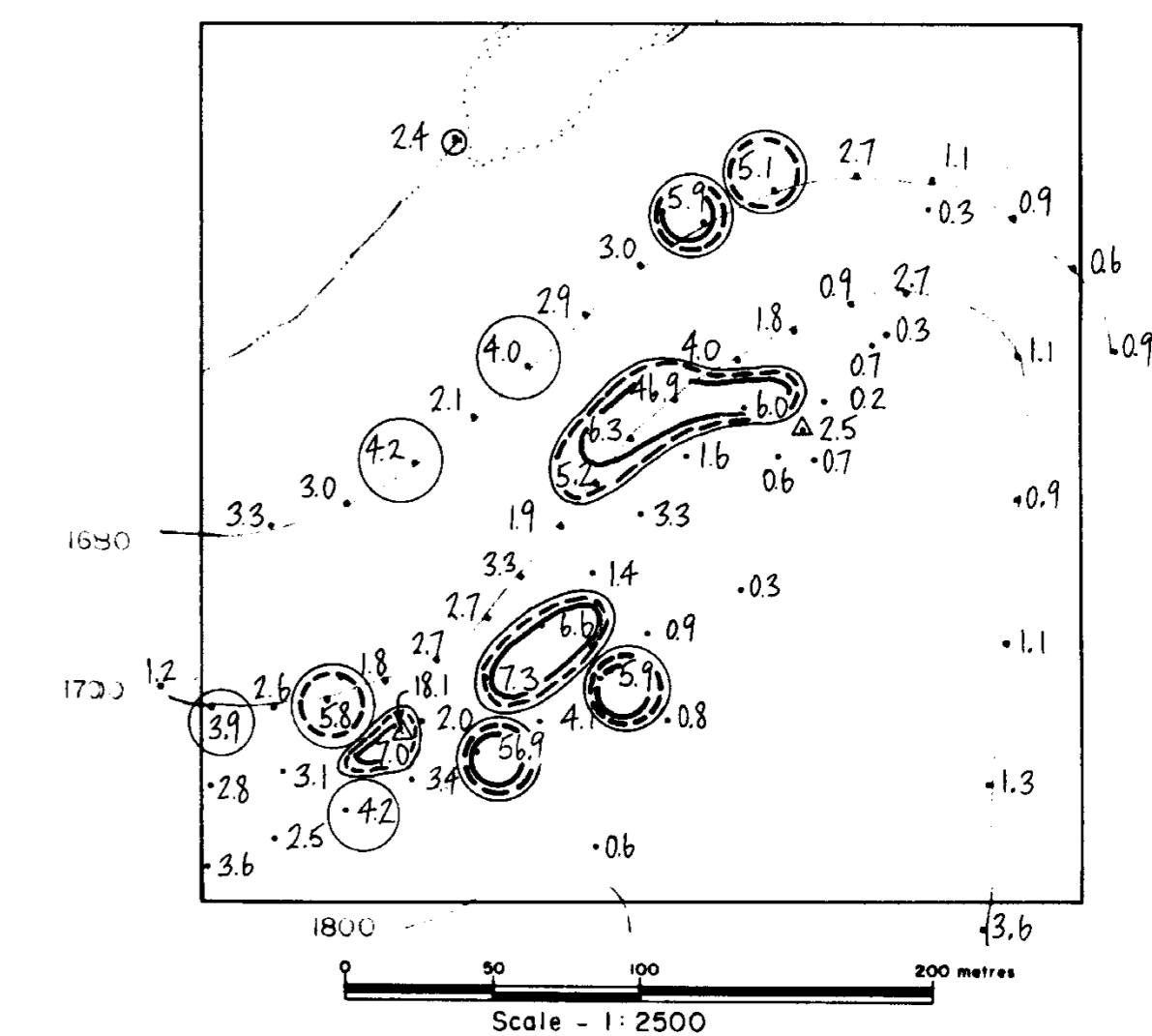
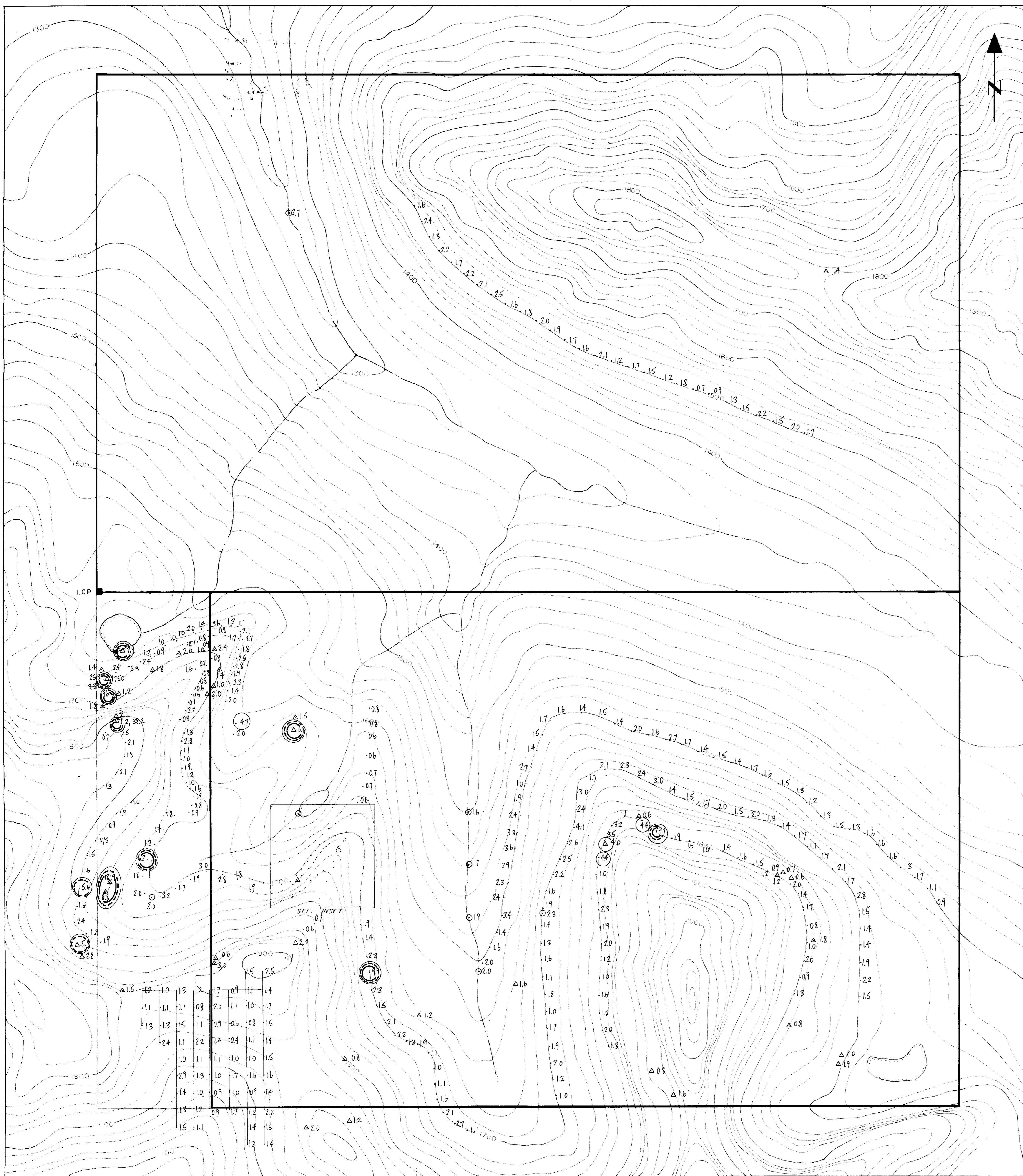
SOIL GEOCHEMISTRY
GOLD
HEMLO EXPLORATION LTD.
GRAVY II and IV CLAIMS

OMENICA MINING DIVISION B.C. N.T.S. 94E/7W

OREQUEST



P.Y.
OCT, 1985



LEGEND

Silver (ppm)

- Background < 3.9
- Threshold 3.9 to 4.8
- Anomalous 4.9 to 5.9
- Very Anomalous > 5.9

SYMBOLS

- claim post and boundaries
- lake
- creek
- soil sample
- rock sample
- silt sample
- grid lines

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,436

Scale - 1:5000
FIGURE 5

SOIL GEOCHEMISTRY
SILVER

HEMLO EXPLORATION LTD.

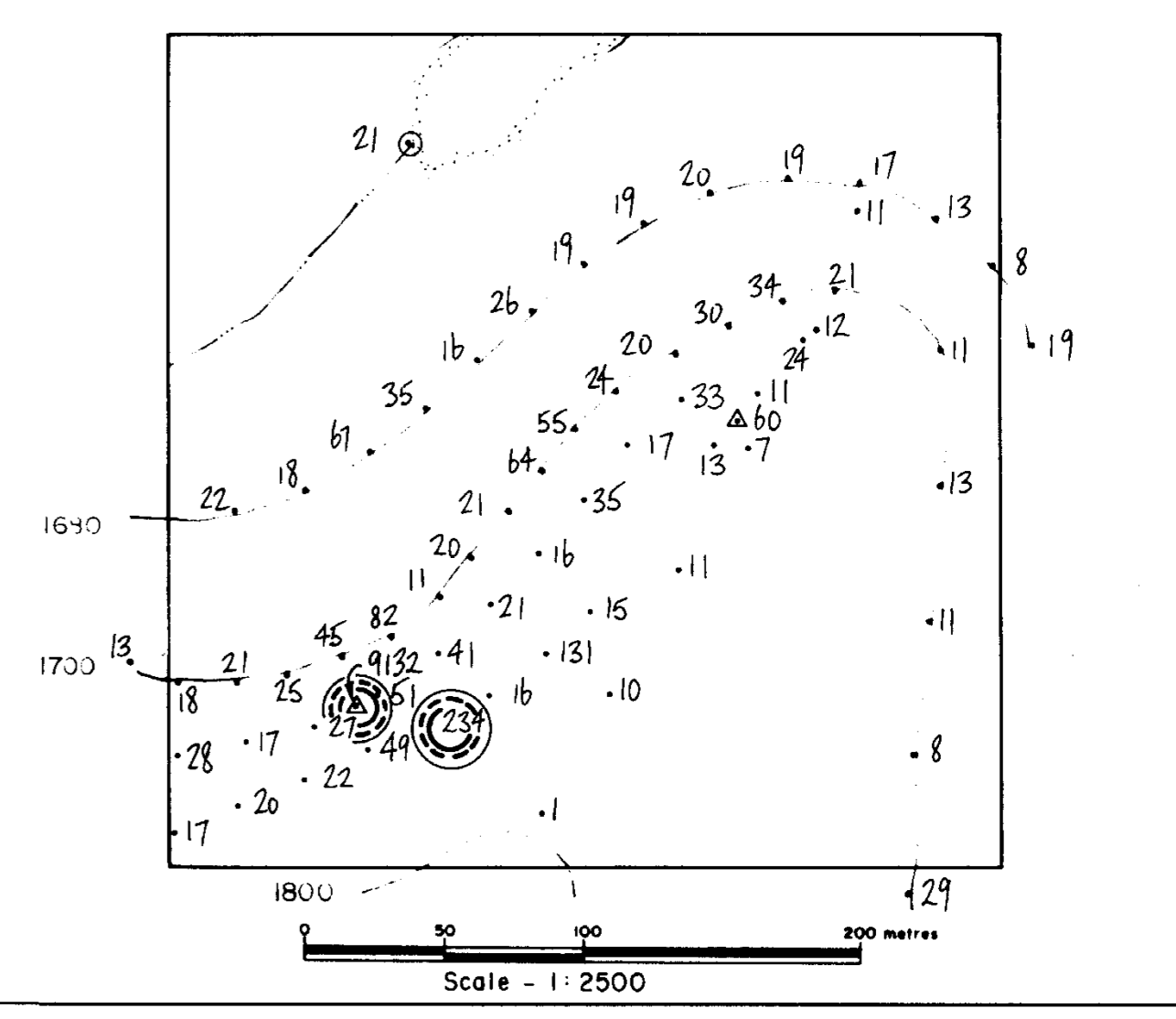
GRAVY II and IV CLAIMS

OMENICA MINING DIVISION B.C. NTS 94E/7W

OREQUEST



P.Y.
OCT, 1985



LEGEND

Copper (ppm)

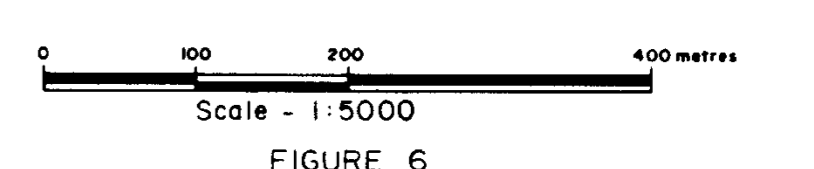
Background	< 136
Threshold	136 to 184
Anomalous	185 to 233
Very Anomalous	> 233

SYMBOLS

- claim post and boundaries
- lake
- creek
- soil sample
- rock sample
- silt sample
- grid lines

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,436



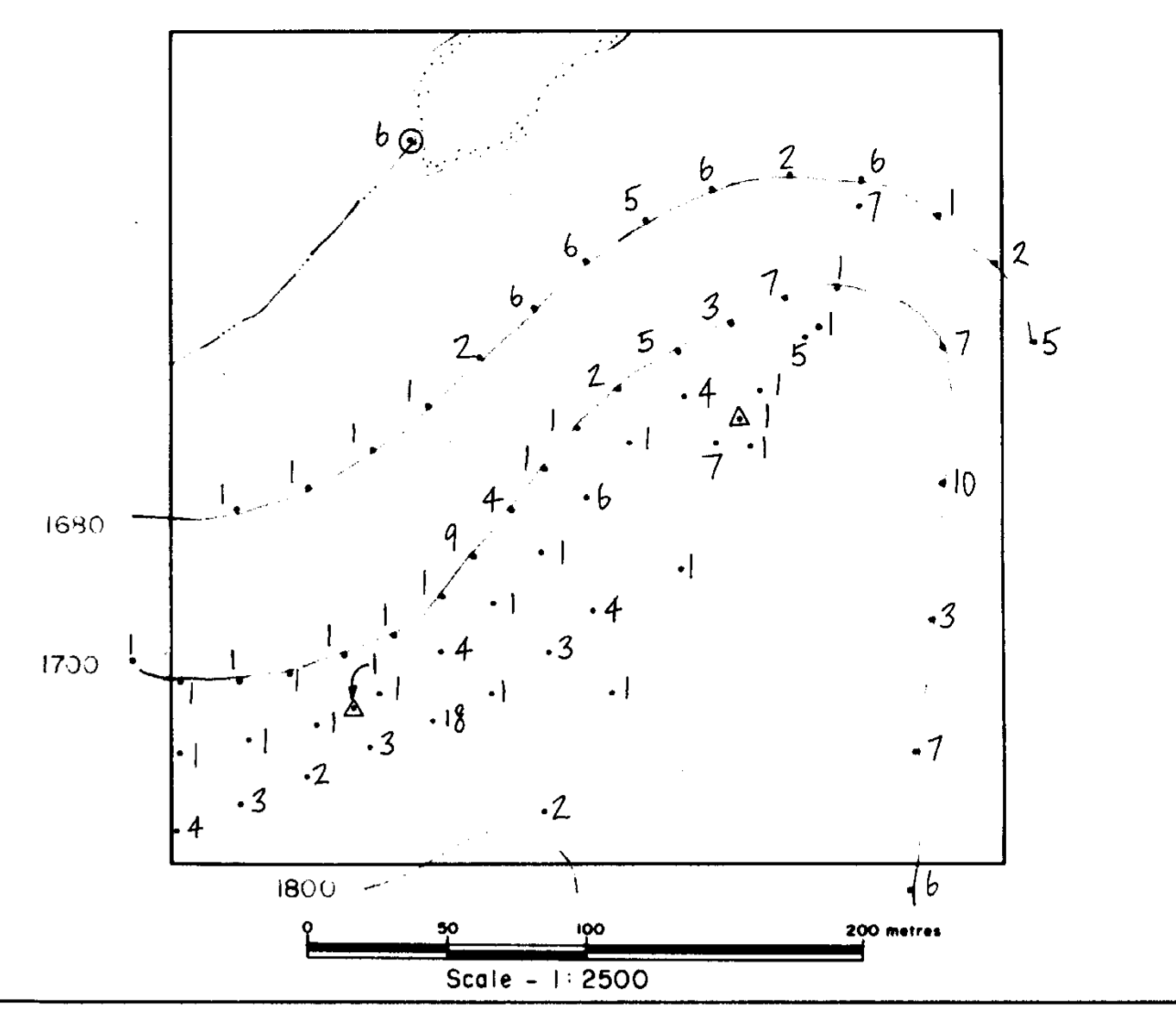
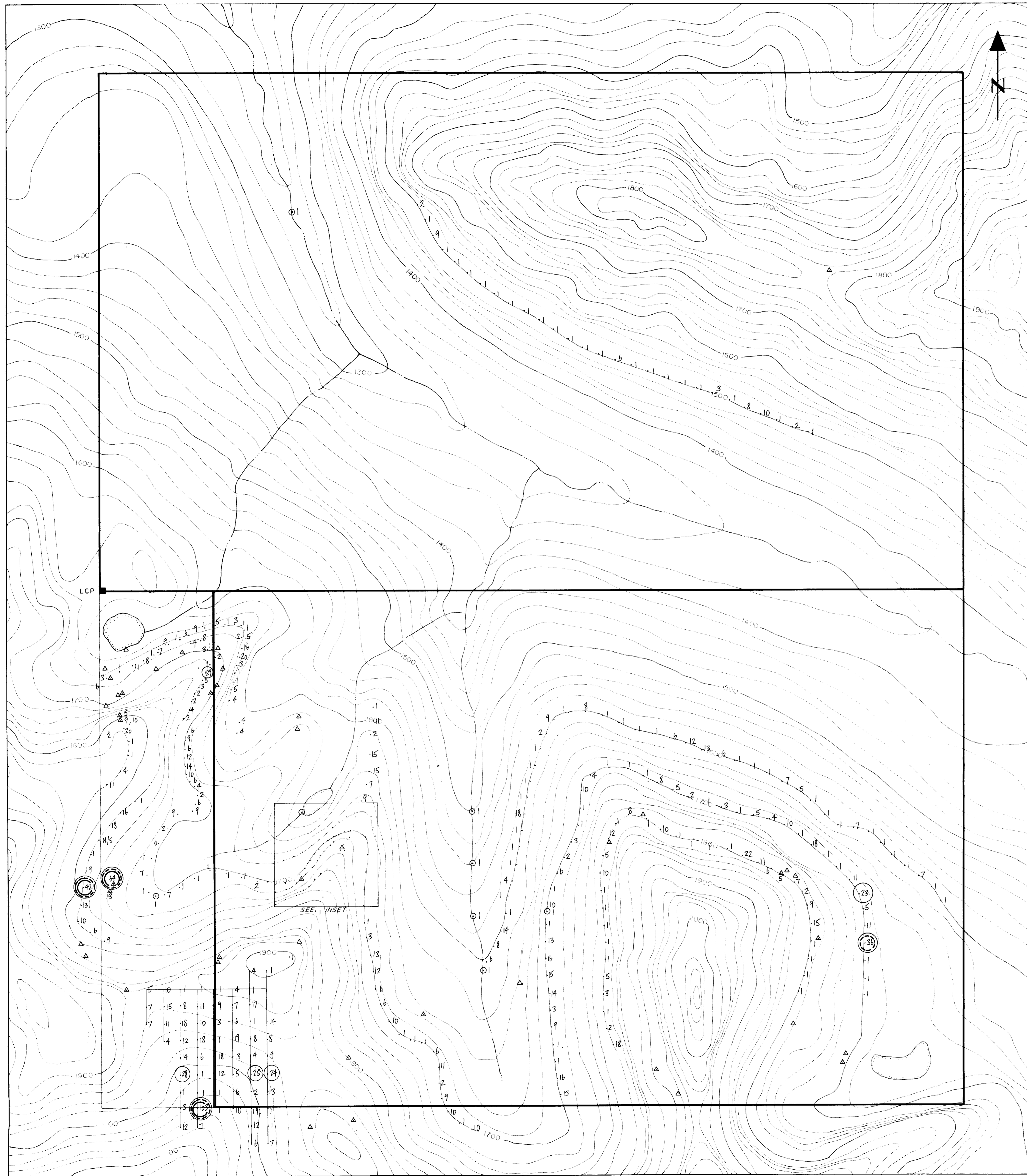
**SOIL GEOCHEMISTRY
COPPER**
HEMLO EXPLORATION LTD.
GRAVY II and IV CLAIMS

OMENICA MINING DIVISION B.C. NTS 94E/7W

OREQUEST



P.Y.
OCT, 1985



LEGEND

Arsenic (ppm)

- Background < 23
- Threshold 23 to 30
- Anomalous 31 to 38
- Very Anomalous > 38

SYMBOLS

- claim post and boundaries
- lake
- creek
- soil sample
- rock sample
- silt sample
- grid lines

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,436

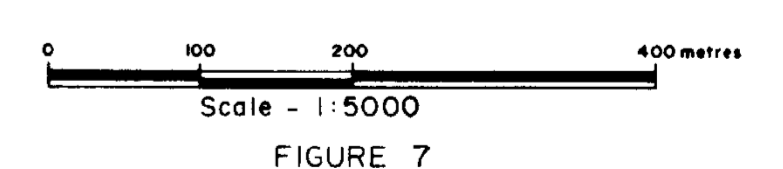


FIGURE 7

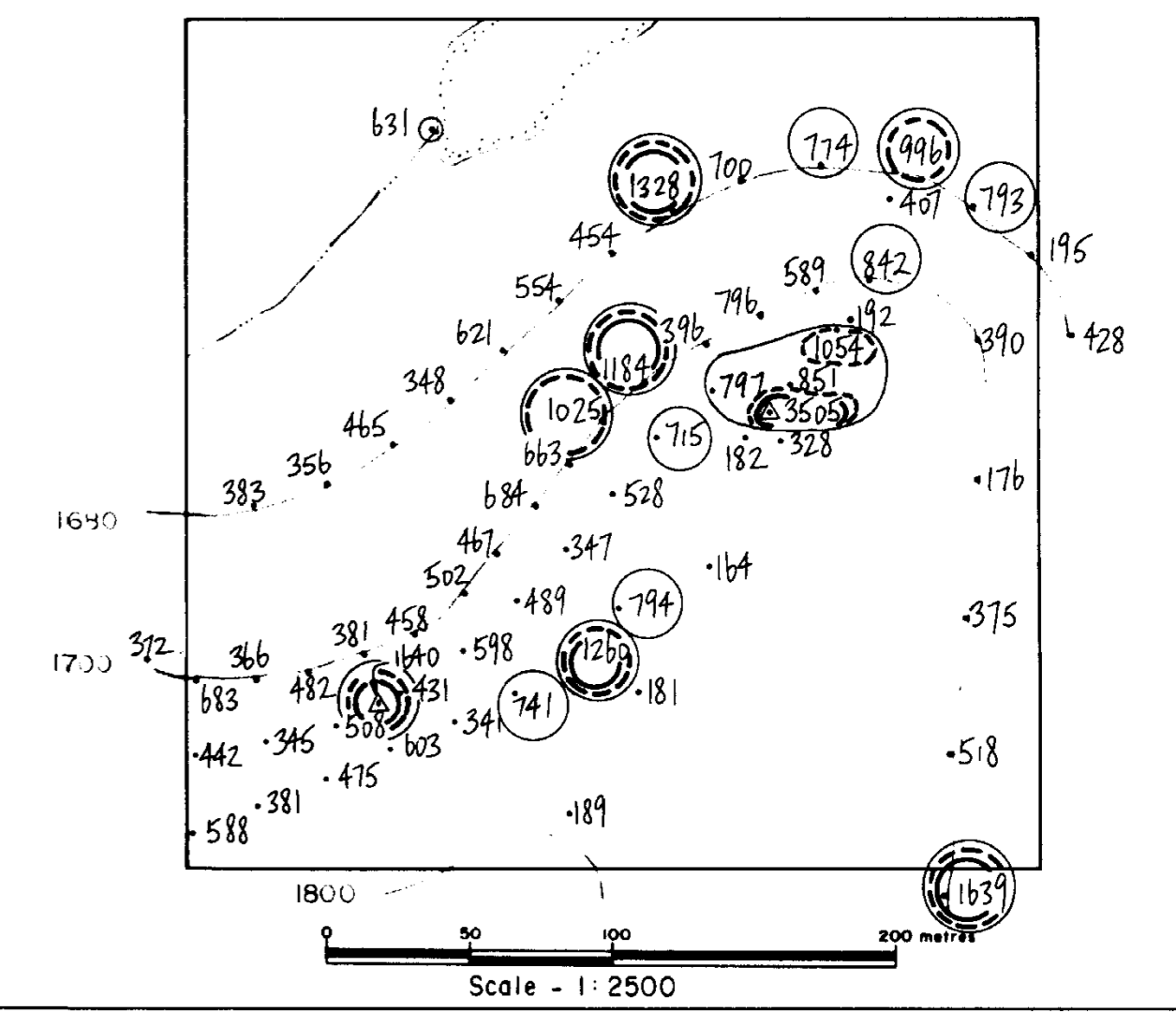
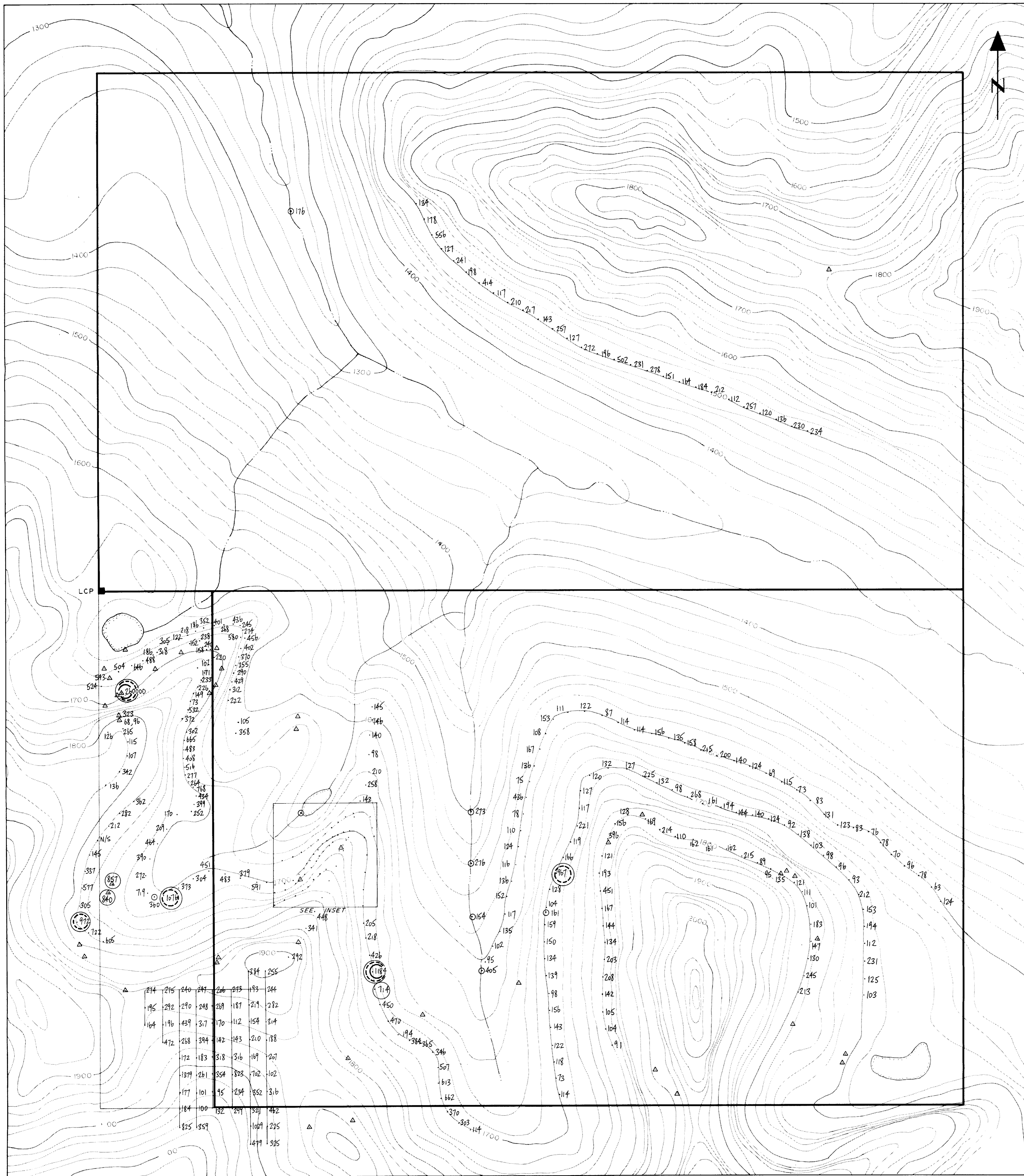
SOIL GEOCHEMISTRY
ARSENIC
HEMLO EXPLORATION LTD.
GRAVY II and IV CLAIMS

OMENICA MINING DIVISION B.C. NTS 94E/7W

OREQUEST



P.Y.
OCT, 1985



LEGEND

Barium (ppm)

- Background < 702
- Threshold 702 to 916
- Anomalous 917 to 1132
- Very Anomalous > 1132

SYMBOLS

- claim post and boundaries
- lake
- creek
- soil sample
- rock sample
- silt sample
- grid lines

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,436

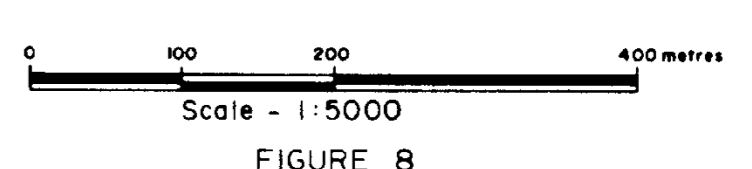


FIGURE 8

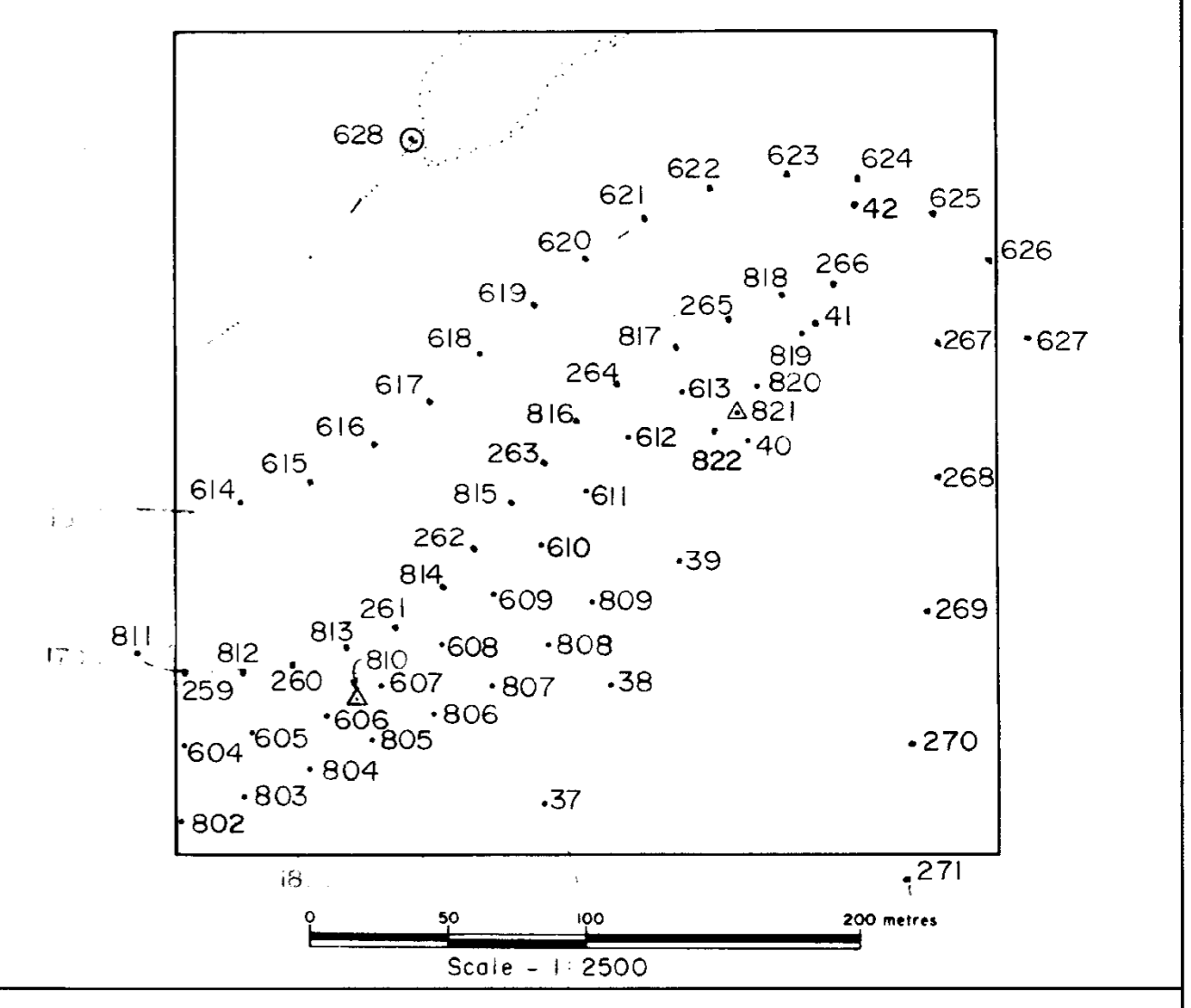
SOIL GEOCHEMISTRY
BARIUM
HEMLO EXPLORATION LTD.
GRAVY II and IV CLAIMS

OMENICA MINING DIVISION B.C. NTS. 94E/7W

OREQUEST



P.Y.
OCT, 1985



LEGEND
All sample numbers preceded by HE 85

- SYMBOLS**
- ⊕ claim post and boundaries
 - lake
 - creek
 - △ soil sample
 - ⊕ rock sample
 - silt sample
 - grid lines

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,436

Scale - 1:5000
FIGURE 9

SOIL SAMPLE LOCATION

HEMLO EXPLORATION LTD.

GRAVY II and IV CLAIMS

OMENICA MINING DIVISION B.C. N.T.S. 94E/7W

OREQUEST



P.Y.
OCT, 1985