84- 1120 — 13499
9/85

13,499

ASSESSMMENT REPORT ON A

SOIL GEOCHEMICAL SAMPLING SURVEY

AND

ORTHOPHOTO SURVEY

ON THE

MAJ MINERAL

CLAIM GROUP FOR

COLUMBIAN NORTHLAND EXPLORATION LTD.
AQUARIUS RESOURCES LTD., RUPERTSLAND RESOURCES LTD.,
FLAMINGO OILS LTD. and OCELOT INDUSTRIES LTD.

NEW WESTMINSTER MINING DIVISION

BRITISH COLUMBIA

NTS 92H/II (WEST)

LATITUDE 49°41'North LONGITUDE 121°22'West

Vancouver, B.C.

October 30, 1984

Diane Howe, Project Geologist

OreQuest Consultants Ltd.

TABLE of CONTENTS

LIST of FIGURES

1.0 INTRODUCTION

This report is a summary report on the orthophoto and geochemical surveys conducted in 1984 on the Maj mineral claim groups to fulfill assessment requirements.

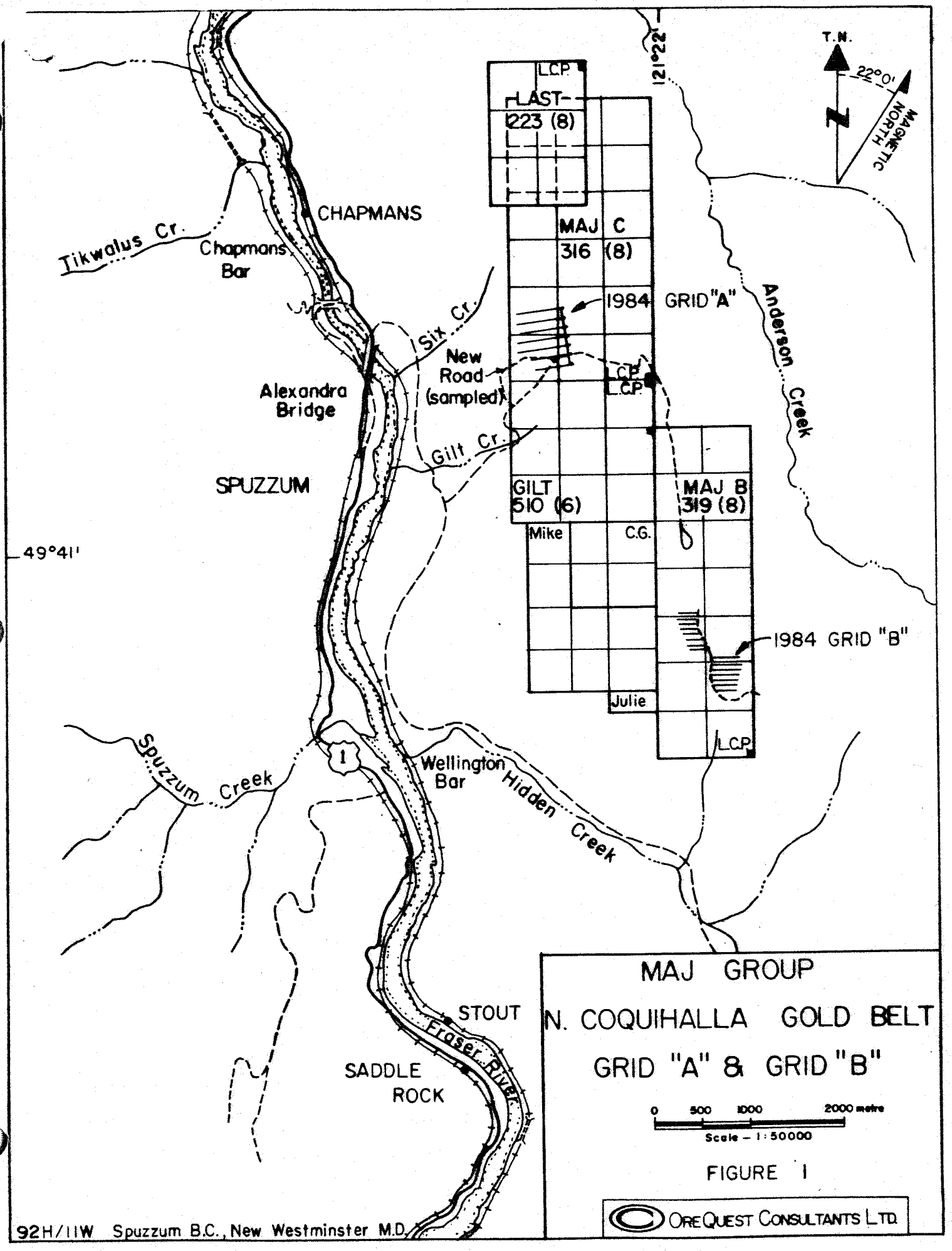
The Maj mineral claim group consists of 63 units located approximately 4 kilometers due east of Spuzzum, B.C. and make up the northern portion of the "Coquihalla Gold Belt" exploration project of Columbian Northland Explorations Ltd., Aquarius Resources Ltd., Ocelot Petroleum Ltd., Ruperstland Resources Ltd. and Flamingo Oils Ltd.

1.1 LOCATION and ACCESS

The Maj mineral claim group is located some 4 kilometers east of the town of Spuzzum. The claim group is situated between Hidden and Gilt creeks, and is centred at 49°41'North Latitude and 121°22'West Longitude on NTS map sheet 92H/11W.

Easy access is provided to the claims via the Gilt creek hydro road which exits off the Hidden creek logging road some 2 kilometers south of the Hidden creek-Highway #1 intersection. Cattermole Logging Co. presently uses and maintains the logging road while B.C. Hydro maintains road access to the powerlines which conveniently transect the entire Maj group.

The majority of the claims area is accessible by road.


T.N.
22°01'
MAGNETIC NORTH
121°22'
LCP
LAST-
223 (8)
MAJ C
316 (8)
1984 GRID "A"
LCP
LCP
MAJ B
319 (8)
GILT
510 (6)
Mike
C.G.
Julie
LCP
1984 GRID "B"
CHAPMANS
Tikwalus Cr.
Chapmans Bar
Alexandra Bridge
Sit Cr.
New Road (sampled)
Gilt Cr.
SPUZZUM
Anderson Creek
49°41'
Spuzzum Creek
1
Wellington Bar
Hidden Creek
STOUT
Fraser River
SADDLE ROCK
MAJ GROUP
N. COQUIHALLA GOLD BELT
GRID "A" & GRID "B"
0 500 1000 2000 metre
Scale - 1:50000
FIGURE 1
ORE QUEST CONSULTANTS LTD.
92H/11W Spuzzum B.C., New Westminster M.D.

1.2 CLAIM INFORMATION

The Maj mineral claim group consists of 7 claim blocks of 63 units which encompass an area of 1,575 hectares (3,892.14 acres) and are located in the New Westminster Mining Division. The claim groups are owned jointly by Columbia Northland Explorations Ltd., Aquarius Resources Ltd., Rupertsland Resources Ltd., Flamingo Oils Ltd. and Ocelot Industries Ltd.

Pertinent claim information is as follows:

(Regrouped 1984)

Group	Claim	# Units	Rec. #	Anniversary Date	Year*
MAJ	Last	6	223	August 22	86
	Maj C	18	316	August 11	86
	Mike 1-8	8	593-600	September 20	86
	Julie	4	723	November 27	86
	CG1-4	4	601-604	September 20	86
	Gilt	9	510	June 25	86
	Maj B	14	319	August 11	86

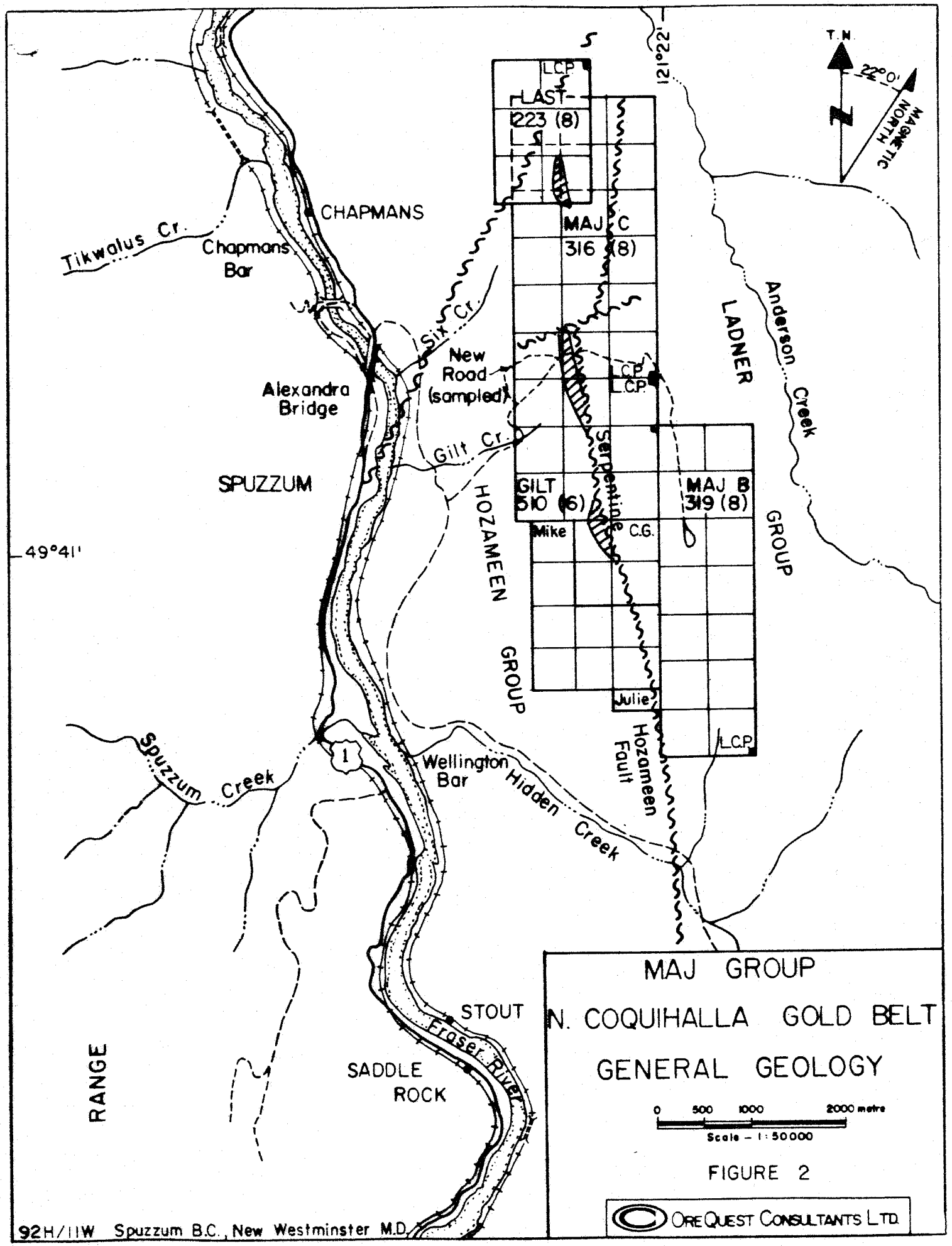
*Pending approval of assessment credit.

1.3 PHYSIOGRAPHY

The Maj claim group is located in the northern tip of the Cascade Mountain range, a physiographic province of which only a small area lies in British Columbia. Steep ridges and heavily vegetated valley floors typify this area in that annual precipitation is heavy and temperatures relatively mild.

1.4 HISTORY

"Historically the Coquihalla gold belt has developed small former lode gold producers and several gold occurrences. More recently the belt has given birth


T.N.
22° 0'
MAGNETIC NORTH
121°22'
LCP
LAST
223 (8)
MAJ C
316 (8)
CHAPMANS
Tikwalus Cr.
Chapmans Bar
Six Cr.
New Road (sampled)
Alexandra Bridge
Gilt Cr.
SPUZZUM
LADNER
Anderson Creek
GROUP
HOZAMEEN
GROUP
GILT
510 (6)
MAJ B
319 (8)
Mike
C.G.
Serpentine
Julie
LCP
49°41'
Spuzzum Creek
1
Wellington Bar
Hidden Creek
Hozameen Fault
STOUT
Fraser River
SADDLE ROCK
RANGE
MAJ GROUP
N. COQUIHALLA GOLD BELT
GENERAL GEOLOGY
0 500 1000 2000 metre
Scale - 1:50000
FIGURE 2
ORE QUEST CONSULTANTS LTD.
92H/11W Spuzzum B.C., New Westminster M.D.

to a major gold discovery, the Carolin Mine. All of these auriferous findings have been spatially related to the Hozameen fault". (D.G. Cardinal 1981).

The Maj mineral claim groups were staked in 1978 by Aquarius Resources Ltd. to cover the geologically favourable Hozameen fault in the northern half of the Coquihalla gold belt.

The area between Spider Peak and Gilt Creek which includes part of the Maj group has been actively prospected over the last 90 years with a number of gold occurrences being located. The old Ward Mine located at the fork of Siwash Creek reportedly produced 128 oz/ton gold in 1905. Gold was found within quartz veins cutting felsic intrusions at both the Emmigrant and Majestic showings.

Another series of adits reported as the Emmigrant property was located on the south fork of Siwash Creek. A collapsed adit believed to be the Majestic showing is found on the top part of Hidden Creek. Again it is felt gold was also probably won from quartz veins cutting felsic intrusions.

The Monument gold occurrence is located approximately 4 kilometers north of the old Ward Mine. Visible gold was reported within vuggy quartz and as shear surface coatings in slaty argillites of the Ladner group.

There are numerous other minor gold showings known as the Spuz occurrences which have also been located along this gold belt and are represented by narrow quartz veins hosted in Ladner sediments.

Most, if not all, of the work done on the claims by Cochrane Consultants and Aquarius Resources Ltd. between 1979 and 1983 has consisted of reconnaissance and follow up geological and soil sampling programs.

2.0 1984 ASSESSMENT WORK PROGRAMS

Field work conducted in 1984 was done to supplement the orthophoto survey contracted to McElhanny surveying to fulfill assessment requirements for the Maj claim group.

2.1 SOIL and ROCK GEOCHEMICAL SURVEY

Two areas whithin the Maj group were geochemically sampled or tested.

Grid A or the northern grid was designed to test an area outlined by Aquarius in 1980 as being geochemically interesting.

A total of 95 soil and 17 rock samples were collected along a small flagged line grid and newly exposed road cut.

Soil samples collected along the grid were collected from the B horizon where possible at 50 metre intervals on lines 100 metres apart which were spaced between 1980 soil grid lines.

Rocks were collected every 25 metres along a newly exposed road cut which conveniently crosscuts the area of interest.

Grid B is located some 3 kilometers southeast of Grid A. Grid B is a small

grid which samples an area not previously sampled and its location was based primarily on road access.

A total of 160 soil samples were collected every 25 metres along lines 50 metres apart. Samples of the B horizon were collected where possible using a heavy grubhoe. Samples generally were collected between 30-40 centimeters in depth. All samples were sent to Chemex Labs in Vancouver for anaylsis in gold, arsenic, mercury, zinc, copper and lead (plus/minus silver and molybdenum) sample preparation and anaylsis techniques are detailed in Appendix A.

Results from Grid A are encouraging. Anomalous values in all elements were recorded.

Anomalous gold values range between 35 to 50 ppb with one rock sample assaying 110 ppb. Areas outlined are coincident with the soil anomalies outlined in 1980.

There does not appear to be any direct correlation between any of the elements, however, there is the odd sample location which may coincide with be one other element.

A general overview of the grid shows gold to be primarily concentrated in the north half of the grid and most of the other elements in the southern half.

Grid B appears to be located in an area with varying thickness of glacial till. Anomalous gold values received range between 25 to 60 ppb and it is felt

that these scattered anomalies are a function of the overburden composition.

Located on the southeast corner of Grid B is a cliff consisting of shales and siltstone belonging to the Ladner group of rocks. Not surprisingly this area has outlined elevated values in silver, arsenic, mercury, copper and zinc. It is felt these elevated (anomalous) values may be a reflection of the bedrock that is noticeably absent from the rest of the grid.

2.2 ORTHOPHOTO SURVEY

In early August of 1984 it was decided to produce an orthophoto base of the Maj claim group partly to fulfill assessment requirements, but mainly to provide a good, reliable working base for compilation and future field work.

The orthophoto survey was contracted to McElhenny Surveying of Vancouver. The base maps are at a scale of 1:5000 with 20 metre contours, also a clear contour overlay scribed at 10 metre intervals is included.

For this project, the B.C. Government 1:54,000 aerial photography flown in 1980 and 1982 and a 1:50,000 NTS map sheet were utilized for control purposes. The control was then transferred to 1:20,000 I.R.P. photography flown in 1979 for Aquarius Resources Ltd. The 10 and 20 metre contours were drawn directly from the 1:54,000 B.C. Government aerial photography. The contours were scribed and a clear contour overlay produced. At the same time orthophoto negatives were produced from the IRP 1:20,000 aerial photography. From the orthophoto negatives, positive enlargements were produced and scaled to the aerotriangulated control points. The positive enlargements were formed into a

mosaic and the final orthophoto negatives were produced. The orthophoto negatives were registered to the contour overlay, and one cronaflex positive and one photographic print with superimposed contours at the 1:5,000 scale were developed. Also provided were one positive cronar showing the 10 metre contours at the 1:5,000 scale.

CONCLUSIONS and RECOMMENDATIONS

Based on the geologically favourable location and encouraging assay values (1979 to 1984 field work), further work is definitely warranted on the Maj claim groups.

Using the orthophoto for ground control, a complete program of linecutting, soil sampling, detailed geological mapping and geophysics should be conducted over the claim areas, with greater detail in areas outlined by Cochrane (1979 to 1981).

ITEMIZED COST STATEMENT

DATES: July 31-August2, September 11, 12 (15.5 Days) — Maj Group

WAGES

B. Helgason - 5.5 days @ $200/day	$ 1,100.00
D. Howe - 5.5 days @ $200/day	1,100.00
G. Cavey (Supervision) - 1 day @ $400/day	400.00
Truck Rental - 5.5 days @ $75/day	412.50
	$ 3,012.50

DISBURSEMENTS

Gas	55.00
Accommodation	117.70
Meals	175.38
Geochem Assays	4,968.90
Field Consumables	150.00
Miscellaneous	49.40
	$ 5,516.38
Contingencies @ 15%	827.45
	$ 6,343.83
Report, Drafting and Supervision	2,000.00
TOTAL	**$11,356.33**

Cost of Orthophoto	$ 5,313.00
Withdraw from P.A.C.	2,810.92
TOTAL SPENT	**$19,479.45**

QUALIFICATIONS

I, Diane Howe, of 21394-126th Avenue, Maple Ridge, 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. I am a member of the Canadian Institute of Mining.
5. The information contained in this report was obtained from data personally collected during the field program in July, August and September of 1984 and from the reports and files listed in the Bibliography.
6. Neither OreQuest Consultants Ltd. nor myself have direct or indirect interest in the property described.

D. Howe.

Diane Howe
Project Geologist

DATED at Vancouver, British Columbia, this 30th day of October, 1984.

BIBLIOGRAPHY

CAIRNES, C.E.
1929: The Serpentine Belt of the Coquihalla Region, Yale District, B.C., G.S.C. Summary Report No. 1929-A.

CAIRNES, C.E.
1924: Coquihalla Area, B.C., G.S.C. Memoir 139.

CARDINAL, D.G.
1983: Geological Assessment Report on portions of the Hidden Creek Group.

CARDINAL, D.G. and FOWLER, B.P.
1981: Geological and Geochemical Assessment Report on portions of the Hidden Creek Group.

COCHRANE, D.R.
1980: Geochemical Assessment Report on portions of the Last Group and Hidden Creek Group.

COCHRANE, D.R.
1979: Geochemical Assessment Report on portions of the Last Group and Gilt Claims.

LITTLEJOHN, A.L.
1977: Reconnaissance Geological and Geochemical Survey of the Northern Section, Coquihalla Serpentine Belt, B.C. Assessment Report.

APPENDIX A

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 Pemberton Ave.
North Vancouver B.C. V7P 2S3
(604)986-5211 Telex: 04-352578

BRANCH OFFICE
1630 Pandora St.
Vancouver B.C. V5L 1L6
(604)251-5656

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: OREQUEST CONSULTANTS LTD. DATE: August 13 1984
ADDRESS: 404 - 595 Howe Street
: Vancouver, B.C. **REPORT#: 84-66-073**
: V6C 2T5 JOB#: 84331

PROJECT#: COQUIHALLA GRP-1 INVOICE#: 8124
SAMPLES ARRIVED: August 3 1984 TOTAL SAMPLES: 80
REPORT COMPLETED: August 13 1984 SAMPLE TYPE: 80 SOIL
ANALYSED FOR: Mo Cu Pb Zn As Au Hg REJECTS: DISCARDED
SAMPLES FROM: OREQUEST CONSULTANTS - VANCOUVER
COPY SENT TO: OREQUEST CONSULTANTS - VANCOUVER

PREPARED FOR: D. HOWE, G. CAVEY

ANALYSED BY: VGC Staff

SIGNED:

GENERAL REMARK: None

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: DREQUEST CONSULTANTS LTD.

NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-66-073 JOB NUMBER: 84331

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Au ppb	Hg ppb
CQ 18401	4	24	20	257	15	45	125
CQ 18402	37	80	17	970	2	10	450
CQ 18403	4	730	29	135	40	15	35
CQ 18404	2	324	24	170	30	10	60
CQ 18405	2	19	25	55	20	15	80
CQ 18406	2	10	25	52	2	15	25
CQ 18407	2	69	26	106	80	5	35
CQ 18408	2	590	24	142	30	20	55
CQ 18409	3	17	14	156	4	nd	30
CQ 18410	2	5	12	85	2	nd	25
CQ 18411	1	6	11	84	4	nd	35
CQ 18412	2	14	12	78	2	20	30
CQ 18413	1	8	13	108	2	5	30
CQ 18414	1	9	11	85	10	10	25
CQ 18415	2	10	17	240	4	nd	40
CQ 18416	2	180	27	123	30	15	45
CQ 18417	16	103	35	300	15	5	30
CQ 18418	6	42	20	232	20	10	75
CQ 18419	2	23	15	232	15	5	35
CQ 18420	2	10	13	210	10	5	30
CQ 18421	1	21	15	105	25	15	25
CQ 18422	2	36	24	74	25	20	35
CQ 18423	2	26	22	205	60	15	40
CQ 18424	3	85	22	288	20	15	50
CQ 18425	3	74	23	190	30	10	25
CQ 18426	3	85	24	203	40	20	75
CQ 18427	4	157	26	280	35	15	60
CQ 18428	7	90	32	276	30	15	35
CQ 18429	2	60	16	125	35	10	25
CQ 18430	3	186	19	83	60	nd	85
CQ 18431	2	30	15	173	30	5	30
CQ 18432	3	38	18	255	80	15	25
CQ 18433	2	21	15	129	15	5	45
CQ 18434	1	65	25	75	45	15	55
CQ 18435	2	94	25	135	80	nd	30
CQ 18436	3	67	23	105	60	5	75
CQ 18437	7	28	21	165	10	5	75
CQ 18438	3	35	15	108	20	5	70
CQ 18451	4	304	27	157	30	15	30
DETECTION LIMIT	1	1	2	1	2	5	5

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: OREQUEST CONSULTANTS LTD.
NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-66-073 JOB NUMBER: 84331

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Au ppb	Hg ppb
CQ 18453	3	23	19	92	15	10	35
CQ 18454	2	54	27	70	20	5	55
CQ 18455	2	26	15	70	10	10	25
CQ 18456	2	6	13	72	4	nd	10
CQ 18458	2	57	24	130	10	15	35
CQ 18459	3	53	21	140	15	10	25
CQ 18460	1	85	21	185	30	35	35
CQ 18461	2	24	25	175	10	5	65
CQ 18462	2	75	20	174	20	10	35
CQ 18463	2	51	22	130	20	10	30
CQ 18464	3	31	19	150	15	10	30
CQ 18465	3	59	20	101	60	15	35
CQ 18466	1	31	19	111	20	15	35
CQ 18467	2	85	29	114	15	15	40
CQ 18468	2	22	30	87	2	10	30
CQ 18469	3	18	21	106	15	15	30
CQ 18470	2	14	17	84	20	5	25
CQ 18471	2	25	19	100	40	10	20
CQ 18472	2	20	20	72	30	15	30
CQ 18473	2	20	17	141	25	10	25
CQ 18474	1	10	20	71	30	10	25
CQ 18475	2	31	22	160	35	10	30
CQ 18476	2	30	24	166	25	20	55
CQ 18477	2	10	21	110	30	nd	25
CQ 18478	2	18	22	77	2	5	20
CQ 18479	2	30	28	145	15	nd	45
CQ 18480	2	31	26	136	20	10	50
CQ 18481	2	25	19	144	50	50	20
CQ 18482	2	32	17	130	40	5	25
CQ 18483	2	30	20	147	20	10	25
CQ 18484	2	90	24	159	30	15	75
CQ 18485	2	69	22	186	40	10	30
CQ 18486	2	80	23	198	20	5	35
CQ 18487	2	43	23	225	25	10	50
CQ 18488	3	32	21	160	45	10	35
CQ 18489	2	35	20	155	45	20	25
CQ 18490	2	15	23	105	20	15	45
CQ 18491	2	14	17	62	40	10	40
CQ 18492	2	9	14	100	15	5	20
DETECTION LIMIT	1	1	2	1	2	5	5

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: DREQUEST CONSULTANTS LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-66-073 JOB NUMBER: 84331

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Au ppb	Hg ppb
CQ 18493	2	13	15	150	20	40	20
CQ 18494	4	51	20	224	80	10	55
DETECTION LIMIT	1	1	2	1	2	5	5

Chemex Labs Ltd.

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Telephone:(604) 984-0221
Telex: 043-52597

Analytical Chemists • Geochemists • Registered Assayers

CERTIFICATE OF ANALYSIS

TO : OreQuest Consultants Ltd.

404 - 595 HOWE ST.
VANCOUVER, B.C.
V6C 2T5

CERT. # : A8416231-001-
INVOICE # : I8416231
DATE : 30-SEP-84
P.O. # : NONE
CNE2

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	Hg ppb
DCNE2-01	201	28	2	108	0.2	9	40
DCNE2-02	201	23	3	132	0.1	7	30
DCNE2-03	201	54	1	138	0.4	16	30
DCNE2-04	201	31	1	120	0.1	9	20
DCNE2-05	201	32	2	125	0.2	11	20
DCNE2-06	201	37	2	145	0.2	11	30
DCNE2-07	201	29	1	125	0.2	9	20
DCNE2-08	201	30	4	193	0.2	7	30
DCNE2-09	201	35	1	71	0.1	7	20
DCNE2-10	201	24	1	93	0.1	6	20
DCNE2-11	201	33	2	73	0.1	7	10
DCNE2-12	201	29	2	73	0.1	7	20
DCNE2-13	201	26	1	76	0.1	5	10
DCNE2-14	201	35	4	220	0.3	10	40
DCNE2-15	201	90	3	135	0.3	10	30
DCNE2-16	201	30	1	110	0.2	7	20
DCNE2-17	201	28	1	113	0.1	7	20
DCNE2-18	201	30	1	112	0.2	9	30
DCNE2-19	201	28	2	158	0.2	6	30
DCNE2-20	201	30	1	100	0.2	9	30
DCNE2-21	201	34	3	105	0.3	10	40
DCNE2-22	201	40	4	183	0.4	10	40
DCNE2-23	201	28	3	93	0.2	6	40
DCNE2-24	201	52	5	140	0.4	15	40
DCNE2-25	201	24	3	158	0.1	10	30
DCNE2-26	201	25	3	97	0.1	6	20
DCNE2-27	201	25	3	122	0.1	10	20
DCNE2-28	201	24	3	90	0.1	7	20
DCNE2-29	201	29	4	110	0.2	10	30
DCNE2-30	201	42	3	84	0.2	11	30
DCNE2-31	201	35	2	82	0.2	11	20
DCNE2-32	201	30	1	140	0.1	7	20
DCNE2-33	201	21	5	220	0.2	4	20
DCNE2-34	201	37	3	100	0.2	9	20
DCNE2-35	201	41	4	177	0.3	9	30
DCNE2-36	201	29	6	223	0.4	10	40
DCNE2-37	201	26	3	190	0.3	6	20
DCNE2-38	201	23	1	200	0.2	9	30
DCNE2-39	201	37	1	102	0.2	14	20
DCNE2-40	201	27	3	215	0.3	12	30

CTA

Certified by Hart Bichler

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : OreQuest Consultants Ltd.

404 - 595 HOWE ST.
VANCOUVER, B.C.
V6C 2T5

CERT. # : A8416231-001-
INVOICE # : I8416231
DATE : 30-SEP-84
P.O. # : NONE
CNE2

Sample description	Prep code	Au ppb FA+AA					
DCNE2-01	201	<5	--	--	--	--	--
DCNE2-02	201	<5	--	--	--	--	--
DCNE2-03	201	<5	--	--	--	--	--
DCNE2-04	201	<5	--	--	--	--	--
DCNE2-05	201	<5	--	--	--	--	--
DCNE2-06	201	<5	--	--	--	--	--
DCNE2-07	201	<5	--	--	--	--	--
DCNE2-08	201	<5	--	--	--	--	--
DCNE2-09	201	<5	--	--	--	--	--
DCNE2-10	201	<5	--	--	--	--	--
DCNE2-11	201	5	--	--	--	--	--
DCNE2-12	201	<5	--	--	--	--	--
DCNE2-13	201	<5	--	--	--	--	--
DCNE2-14	201	<5	--	--	--	--	--
DCNE2-15	201	<5	--	--	--	--	--
DCNE2-16	201	<5	--	--	--	--	--
DCNE2-17	201	<5	--	--	--	--	--
DCNE2-18	201	<5	--	--	--	--	--
DCNE2-19	201	5	--	--	--	--	--
DCNE2-20	201	<5	--	--	--	--	--
DCNE2-21	201	<5	--	--	--	--	--
DCNE2-22	201	<5	--	--	--	--	--
DCNE2-23	201	<5	--	--	--	--	--
DCNE2-24	201	5	--	--	--	--	--
DCNE2-25	201	<5	--	--	--	--	--
DCNE2-26	201	<5	--	--	--	--	--
DCNE2-27	201	<5	--	--	--	--	--
DCNE2-28	201	<5	--	--	--	--	--
DCNE2-29	201	<5	--	--	--	--	--
DCNE2-30	201	<5	--	--	--	--	--
DCNE2-31	201	<5	--	--	--	--	--
DCNE2-32	201	<5	--	--	--	--	--
DCNE2-33	201	<5	--	--	--	--	--
DCNE2-34	201	5	--	--	--	--	--
DCNE2-35	201	<5	--	--	--	--	--
DCNE2-36	201	<5	--	--	--	--	--
DCNE2-37	201	<5	--	--	--	--	--
DCNE2-38	201	5	--	--	--	--	--
DCNE2-39	201	<5	--	--	--	--	--
DCNE2-40	201	<5	--	--	--	--	--

Certified by ..... Hart Bichler

CTA

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : OreQuest Consultants Ltd.

404 - 595 HOWE ST.
VANCOUVER, B.C.
V6C 2T5

CERT. # : A8416231-002-A
INVOICE # : I8416231
DATE : 30-SEP-84
P.O. # : NONE
CNE2

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	Hg ppb
DCNE2-41	201	26	2	118	0.1	5	90
DCNE2-42	201	29	3	140	0.1	7	40
DCNE2-43	201	33	1	125	0.2	11	30
DCNE2-44	201	49	1	72	0.2	23	30
DCNE2-45	201	47	3	117	0.1	10	40
DCNE2-46	201	31	2	135	0.2	10	30
DCNE2-47	201	24	4	173	0.2	9	30
DCNE2-48	201	27	4	105	0.2	16	30
DCNE2-49	201	24	1	75	0.1	6	30
DCNE2-50	201	16	3	200	0.2	3	20
DCNE2-51	201	25	3	62	0.1	5	40
DCNE2-52	201	46	3	68	0.2	10	90
DCNE2-53	201	30	4	140	0.2	9	40
DCNE2-54	201	27	5	140	0.2	10	60
DCNE2-55	201	35	4	106	0.4	10	60
DCNE2-56	201	16	4	155	0.1	5	30
DCNE2-57	201	30	2	105	0.2	10	40
DCNE2-58	201	19	5	120	0.1	6	20
DCNE2-59	201	45	5	150	0.3	14	50
DCNE2-60	201	24	5	215	0.3	10	30
DCNE2-61	201	35	6	163	0.5	11	60
DCNE2-62	201	49	6	157	0.7	23	70
DCNE2-63	201	25	4	265	0.5	4	40
DCNE2-64	201	25	3	112	0.2	11	30
DCNE2-65	201	34	6	242	0.3	10	30
DCNE2-66	201	32	2	62	0.1	10	90
DCNE2-67	201	25	4	125	0.2	7	50
DCNE2-68	201	29	4	112	0.3	5	30
DCNE2-69	201	25	4	148	0.2	9	50
DCNE2-70	201	29	2	122	0.1	11	40
DCNE2-71	201	26	5	130	0.3	10	50
DCNE2-72	201	24	4	138	0.1	12	50
DCNE2-73	201	23	6	190	0.3	7	40
DCNE2-74	201	50	4	87	0.1	19	70
DCNE2-75	201	43	5	92	0.1	11	60
DCNE2-76	201	42	5	95	0.2	10	60
DCNE2-77	201	28	4	122	0.2	16	30
DCNE2-78	201	28	3	135	0.2	10	40
DCNE2-79	201	20	3	95	0.1	6	30
DCNE2-80	201	21	4	105	0.2	9	30

Certified by Hart Bichler

CTA

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

O : DreQuest Consultants Ltd.

404 - 595 HOWE ST.
VANCOUVER, B.C.
V6C 2T5

CERT. # : A8416231-002-E
INVOICE # : I8416231
DATE : 30-SEP-84
P.O. # : NONE
CNE2

Sample description	Prep code	Au ppb FA+AA					
DCNE2-41	201	5	--	--	--	--	--
DCNE2-42	201	<5	--	--	--	--	--
DCNE2-43	201	<5	--	--	--	--	--
DCNE2-44	201	<5	--	--	--	--	--
DCNE2-45	201	<5	--	--	--	--	--
DCNE2-46	201	<5	--	--	--	--	--
DCNE2-47	201	15	--	--	--	--	--
DCNE2-48	201	30	--	--	--	--	--
DCNE2-49	201	25	--	--	--	--	--
DCNE2-50	201	10	--	--	--	--	--
DCNE2-51	201	<5	--	--	--	--	--
DCNE2-52	201	<5	--	--	--	--	--
DCNE2-53	201	<5	--	--	--	--	--
DCNE2-54	201	<5	--	--	--	--	--
DCNE2-55	201	<5	--	--	--	--	--
DCNE2-56	201	<5	--	--	--	--	--
DCNE2-57	201	60	--	--	--	--	--
DCNE2-58	201	<5	--	--	--	--	--
DCNE2-59	201	<5	--	--	--	--	--
DCNE2-60	201	<5	--	--	--	--	--
DCNE2-61	201	<5	--	--	--	--	--
DCNE2-62	201	<5	--	--	--	--	--
DCNE2-63	201	<5	--	--	--	--	--
DCNE2-64	201	<5	--	--	--	--	--
DCNE2-65	201	<5	--	--	--	--	--
DCNE2-66	201	5	--	--	--	--	--
DCNE2-67	201	5	--	--	--	--	--
DCNE2-68	201	<5	--	--	--	--	--
DCNE2-69	201	<5	--	--	--	--	--
DCNE2-70	201	5	--	--	--	--	--
DCNE2-71	201	<5	--	--	--	--	--
DCNE2-72	201	5	--	--	--	--	--
DCNE2-73	201	20	--	--	--	--	--
DCNE2-74	201	15	--	--	--	--	--
DCNE2-75	201	10	--	--	--	--	--
DCNE2-76	201	25	--	--	--	--	--
DCNE2-77	201	<5	--	--	--	--	--
DCNE2-78	201	10	--	--	--	--	--
DCNE2-79	201	10	--	--	--	--	--
DCNE2-80	201	15	--	--	--	--	--

Certified by ..... Hart Bichler

CTA

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : OreQuest Consultants Ltd.

404 - 595 HOWE ST.
VANCOUVER, B.C.
V6C 2T5

CERT. # : A8416231-003-
INVOICE # : I8416231
DATE : 30-SEP-84
P.O. # : NONE
CNE2

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	Hg ppb
DCNE2-81	201	34	3	158	0.2	9	50
DCNE2-82	201	30	4	128	0.2	7	40
DCNE2-101	201	28	4	120	0.2	7	30
DCNE2-102	201	22	4	155	0.2	5	30
DCNE2-103	201	38	3	125	0.2	12	30
DCNE2-104	201	26	3	135	0.2	7	30
DCNE2-105	201	33	5	207	0.3	6	30
DCNE2-106	201	40	4	78	0.1	9	20
DCNE2-107	201	24	3	175	0.2	6	30
DCNE2-108	201	16	3	183	0.2	2	20
DCNE2-109	201	26	2	66	0.1	6	20
DCNE2-110	201	25	2	90	0.1	3	20
DCNE2-111	201	34	3	83	0.3	6	30
DCNE2-112	201	32	3	80	0.2	7	30
DCNE2-113	201	112	10	273	1.1	24	60
DCNE2-114	201	24	2	100	0.1	4	20
DCNE2-115	201	45	4	165	0.3	9	30
DCNE2-116	201	165	18	395	0.9	16	130
DCNE2-117	201	50	6	160	0.3	9	40
DCNE2-118	201	26	3	160	0.1	5	30
DCNE2-119	201	18	4	190	0.1	4	20
DCNE2-120	201	40	4	88	0.1	16	20
DCNE2-121	201	30	2	112	0.1	7	20
DCNE2-122	201	26	1	98	0.2	6	20
DCNE2-123	201	22	3	160	0.3	7	20
DCNE2-124	201	25	6	195	0.2	6	20
DCNE2-125	201	28	4	138	0.2	5	30
DCNE2-126	201	40	2	73	0.1	9	30
DCNE2-128	201	36	3	105	0.3	9	30
DCNE2-129	201	19	3	123	0.1	4	20
DCNE2-130	201	27	3	105	0.2	7	20
DCNE2-131	201	30	3	123	0.1	7	20
DCNE2-132	201	32	3	80	0.2	11	50
DCNE2-133	201	33	2	105	0.2	10	20
DCNE2-134	201	60	6	152	0.4	15	40
DCNE2-135	201	60	7	165	0.5	15	40
DCNE2-136	201	67	6	155	0.4	16	40
DCNE2-137	201	45	6	115	0.3	15	30
DCNE2-138	201	55	9	125	0.7	10	40
DCNE2-139	201	35	3	170	0.5	14	20

CTA

Certified by .Hart Bichler...

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : OreQuest Consultants Ltd.

404 - 595 HOWE ST.
VANCOUVER, B.C.
V6C 2T5

CERT. # : A8416231-003-I
INVOICE # : I8416231
DATE : 30-SEP-84
P.O. # : NONE
CNE2

Sample description	Prep code	Au ppb FA+AA					
DCNE2-81	201	<5	--	--	--	--	--
DCNE2-82	201	<5	--	--	--	--	--
DCNE2-101	201	<5	--	--	--	--	--
DCNE2-102	201	<5	--	--	--	--	--
DCNE2-103	201	<5	--	--	--	--	--
DCNE2-104	201	<5	--	--	--	--	--
DCNE2-105	201	<5	--	--	--	--	--
DCNE2-106	201	<5	--	--	--	--	--
DCNE2-107	201	<5	--	--	--	--	--
DCNE2-108	201	<5	--	--	--	--	--
DCNE2-109	201	5	--	--	--	--	--
DCNE2-110	201	<5	--	--	--	--	--
DCNE2-111	201	<5	--	--	--	--	--
DCNE2-112	201	5	--	--	--	--	--
DCNE2-113	201	<5	--	--	--	--	--
DCNE2-114	201	<5	--	--	--	--	--
DCNE2-115	201	<5	--	--	--	--	--
DCNE2-116	201	<5	--	--	--	--	--
DCNE2-117	201	<5	--	--	--	--	--
DCNE2-118	201	<5	--	--	--	--	--
DCNE2-119	201	<5	--	--	--	--	--
DCNE2-120	201	<5	--	--	--	--	--
DCNE2-121	201	<5	--	--	--	--	--
DCNE2-122	201	<5	--	--	--	--	--
DCNE2-123	201	<5	--	--	--	--	--
DCNE2-124	201	<5	--	--	--	--	--
DCNE2-125	201	<5	--	--	--	--	--
DCNE2-126	201	5	--	--	--	--	--
DCNE2-128	201	<5	--	--	--	--	--
DCNE2-129	201	<5	--	--	--	--	--
DCNE2-130	201	<5	--	--	--	--	--
DCNE2-131	201	<5	--	--	--	--	--
DCNE2-132	201	5	--	--	--	--	--
DCNE2-133	201	<5	--	--	--	--	--
DCNE2-134	201	<5	--	--	--	--	--
DCNE2-135	201	<5	--	--	--	--	--
DCNE2-136	201	<5	--	--	--	--	--
DCNE2-137	201	5	--	--	--	--	--
DCNE2-138	201	<5	--	--	--	--	--
DCNE2-139	201	<5	--	--	--	--	--

Certified by Hart Bichler

CTA

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : OreQuest Consultants Ltd.

404 - 595 HOWE ST.
VANCOUVER, B.C.
V6C 2T5

CERT. # : A8416231-004-1
INVOICE # : I8416231
DATE : 30-SEP-84
P.O. # : NONE
CNE2

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	Hg ppb
DCNE2-140	201	24	3	210	0.3	7	20
DCNE2-141	201	25	4	155	0.2	6	30
DCNE2-142	201	31	4	118	0.3	9	30
DCNE2-143	201	31	4	95	0.1	9	30
DCNE2-144A	201	49	4	148	0.4	14	30
DCNE2-163	201	21	6	165	0.2	9	30
DCNE2-164	201	27	5	178	0.2	9	30
DCNE2-165	201	32	4	190	0.4	17	30
DCNE2-166	201	27	7	240	0.2	11	30
DCNE2-167	201	20	6	183	0.2	9	30
DCNE2-168	201	21	4	182	0.1	9	30
DCNE2-169	201	31	3	138	0.2	10	30
DCNE2-170	201	24	4	170	0.3	19	40
DCNE2-171	201	24	4	173	0.2	30	30
DCNE2-172	201	37	4	213	0.2	14	30
DCNE2-173	201	32	5	217	0.3	15	30
DCNE2-174	201	38	6	160	0.3	14	40
DCNE2-175	201	28	3	237	0.3	17	40
DCNE2-176	201	22	2	148	0.1	9	20
DCNE2-177	201	26	6	237	0.1	11	40
DCNE2-178	201	32	4	183	0.3	11	30
DCNE2-179	201	48	6	145	0.4	16	80
DCNE2-180	201	47	4	100	0.3	14	60
DCNE2-181	201	30	3	107	0.2	11	40
DCNE2-182	201	43	5	82	0.2	15	60
DCNE2-183	201	19	4	150	0.1	7	30
DCNE2-184	201	23	7	143	0.1	10	40
DCNE2-185	201	36	4	81	0.1	11	50
DCNE2-186	201	41	10	190	0.2	14	50
DCNE2-187	201	37	4	85	0.1	11	50
DCNE2-188	201	35	6	155	0.1	11	40
DCNE2-189	201	40	7	130	0.4	16	40
DCNE2-190	203	28	12	120	0.2	9	60
DCNE2-191	201	32	4	178	0.2	7	30
DCNE2-192	201	33	7	190	0.2	12	50
DCNE2-193	201	34	5	73	0.1	10	60
DCNE2-194	201	22	5	180	0.1	5	20
DCNE2-195	201	28	5	138	0.1	9	30
DCNE2-196	201	31	4	203	0.3	11	40
DCNE2-197	201	20	7	205	0.3	9	50

Certified by ..Ian Bichler...

CTA

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : OreQuest Consultants Ltd.

404 - 595 HOWE ST.
VANCOUVER, B.C.
V6C 2T5

CERT. # : A8416231-004-
INVOICE # : I8416231
DATE : 30-SEP-84
P.O. # : NONE
CNE2

Sample description	Prep code	Au ppb FA+AA					
DCNE2-140	201	<5	--	--	--	--	--
DCNE2-141	201	<5	--	--	--	--	--
DCNE2-142	201	5	--	--	--	--	--
DCNE2-143	201	30	--	--	--	--	--
DCNE2-144A	201	35	--	--	--	--	--
DCNE2-163	201	10	--	--	--	--	--
DCNE2-164	201	<5	--	--	--	--	--
DCNE2-165	201	10	--	--	--	--	--
DCNE2-166	201	<5	--	--	--	--	--
DCNE2-167	201	<5	--	--	--	--	--
DCNE2-168	201	10	--	--	--	--	--
DCNE2-169	201	<5	--	--	--	--	--
DCNE2-170	201	<5	--	--	--	--	--
DCNE2-171	201	<5	--	--	--	--	--
DCNE2-172	201	<5	--	--	--	--	--
DCNE2-173	201	<5	--	--	--	--	--
DCNE2-174	201	<5	--	--	--	--	--
DCNE2-175	201	<5	--	--	--	--	--
DCNE2-176	201	<5	--	--	--	--	--
DCNE2-177	201	<5	--	--	--	--	--
DCNE2-178	201	<5	--	--	--	--	--
DCNE2-179	201	5	--	--	--	--	--
DCNE2-180	201	<5	--	--	--	--	--
DCNE2-181	201	<5	--	--	--	--	--
DCNE2-182	201	<5	--	--	--	--	--
DCNE2-183	201	<5	--	--	--	--	--
DCNE2-184	201	5	--	--	--	--	--
DCNE2-185	201	5	--	--	--	--	--
DCNE2-186	201	<5	--	--	--	--	--
DCNE2-187	201	<5	--	--	--	--	--
DCNE2-188	201	<5	--	--	--	--	--
DCNE2-189	201	<5	--	--	--	--	--
DCNE2-190	203	<5	--	--	--	--	--
DCNE2-191	201	5	--	--	--	--	--
DCNE2-192	201	<5	--	--	--	--	--
DCNE2-193	201	<5	--	--	--	--	--
DCNE2-194	201	5	--	--	--	--	--
DCNE2-195	201	<5	--	--	--	--	--
DCNE2-196	201	<5	--	--	--	--	--
DCNE2-197	201	<5	--	--	--	--	--

CTA

Certified by Hart Bichler

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : OreQuest Consultants Ltd.

404 - 595 HOWE ST.
VANCOUVER, B.C.
V6C 2T5

CERT. # : A8416231-005-
INVOICE # : I8416231
DATE : 30-SEP-84
P.O. # : NONE
CNE2

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	Hg ppb
DCNE2-198	201	20	10	26	0.5	9	40

Certified by Hart Richler

CTA

Chemex Labs Ltd.

Analytical Chemists · Geochemists · Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : OreQuest Consultants Ltd.

404 - 595 HOWE ST.
VANCOUVER, B.C.
V6C 2T5

CERT. # : A8416231-005-
INVOICE # : I8416231
DATE : 30-SEP-84
P.O. # : NONE
CNE2

Sample description	Prep code	Au ppb FA+AA					
DCNE2-198	201	<5	--	--	--	--	--

Certified by ..Hart Bichler...

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : OreQuest Consultants Ltd.

404 - 595 HOWE ST.
VANCOUVER, B.C.
V6C 2T5

CERT. # : A8416233-001-
INVOICE # : 18416233
DATE : 30-SEP-84
P.O. # : NONE
CNE2-TRENCH

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	Hg ppb
RCNE2-01	205	16	1	32	0.1	2	20
RCNE2-02	205	17	1	24	0.1	7	20
RCNE2-03	205	110	1	45	0.1	1	230
RCNE2-04	205	28	1	40	0.1	3	60
RCNE2-05	205	29	1	48	0.1	11	230
RCNE2-06	205	34	1	45	0.1	2	50
RCNE2-07	205	25	1	22	0.1	22	30
RCNE2-08	205	148	1	105	0.1	53	20
RCNE2-09	205	74	1	66	0.1	200	70
RCNE2-10	205	44	1	28	0.1	24	90
RCNE2-11	205	48	6	47	0.1	240	50
RCNE2-12	205	14	5	50	0.1	340	290
RCNE2-158	205	51	4	60	0.1	7	70
RCNE2-160	205	70	42	115	0.3	92	160
RCNE2-161	205	72	5	104	0.1	390	40
RCNE2-162	205	178	7	48	0.1	9	70

Certified by Hart Bichler

CTA

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : OreQuest Consultants Ltd.

404 - 595 HOWE ST.
VANCOUVER, B.C.
V6C 2T5

CERT. # : A8416233-001-
INVOICE # : I8416233
DATE : 30-SEP-84
P.O. # : NONE
CNE2-TRENCH

Sample description	Prep code	Au ppb FA+AA					
RCNE2-01	205	<5	--	--	--	--	--
RCNE2-02	205	<5	--	--	--	--	--
RCNE2-03	205	<5	--	--	--	--	--
RCNE2-04	205	<5	--	--	--	--	--
RCNE2-05	205	<5	--	--	--	--	--
RCNE2-06	205	5	--	--	--	--	--
RCNE2-07	205	<5	--	--	--	--	--
RCNE2-08	205	<5	--	--	--	--	--
RCNE2-09	205	5	--	--	--	--	--
RCNE2-10	205	<5	--	--	--	--	--
RCNE2-11	205	<5	--	--	--	--	--
RCNE2-12	205	10	--	--	--	--	--
RCNE2-158	205	<5	--	--	--	--	--
RCNE2-160	205	35	--	--	--	--	--
RCNE2-161	205	15	--	--	--	--	--
RCNE2-162	205	<5	--	--	--	--	--

Certified by ..... Hartt Bichler

CTA

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : OreQuest Consultants Ltd.

404 - 595 HOWE ST.
VANCOUVER, B.C.
V6C 2T5

CERT. # : A8416232-001-
INVOICE # : I8416232
DATE : 1-OCT-84
P.O. # : NONE
CNE2-TRENCH

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	Hg ppb
DCNE2-144B	201	78	7	95	0.2	92	130
DCNE2-145	201	20	1	98	0.1	12	30
DCNE2-146	201	20	2	210	0.1	14	40
DCNE2-147	201	23	2	133	0.1	11	30
DCNE2-148	201	17	1	175	0.1	15	30
DCNE2-149	201	15	4	185	0.1	11	50
DCNE2-150	201	22	2	190	0.1	12	50
DCNE2-151	201	28	1	170	0.1	16	60
DCNE2-152	201	19	6	275	0.1	27	30
DCNE2-153	201	18	5	205	0.1	19	30
DCNE2-154	201	21	1	195	0.1	22	30
DCNE2-155	201	18	4	265	0.1	16	40
DCNE2-156	201	27	3	172	0.1	17	30
DCNE2-157	201	26	2	105	0.1	11	50
DCNE2-159	201	43	2	73	0.1	11	60

Certified by Hart Bichler

Chemex Labs Ltd.

Analytical Chemists · Geochemists · Registered Assayers

212 Brooksbank Ave
North Vancouver, B.C
Canada V7J 2C

Telephone:(604) 984-022
Telex: 043-5259

CERTIFICATE OF ANALYSIS

TO : OreQuest Consultants Ltd.

404 - 595 HOWE ST.
VANCOUVER, B.C.
V6C 2T5

CERT. # : A8416232-001
INVOICE # : I8416232
DATE : 1-OCT-84
P.O. # : NONE
CNE2-TRENCH

Sample description	Prep code	Au ppb FA+AA					
DCNE2-144B	201	10	--	--	--	--	--
DCNE2-145	201	<5	--	--	--	--	--
DCNE2-146	201	<5	--	--	--	--	--
DCNE2-147	201	<5	--	--	--	--	--
DCNE2-148	201	<5	--	--	--	--	--
DCNE2-149	201	5	--	--	--	--	--
DCNE2-150	201	<5	--	--	--	--	--
DCNE2-151	201	<5	--	--	--	--	--
DCNE2-152	201	10	--	--	--	--	--
DCNE2-153	201	5	--	--	--	--	--
DCNE2-154	201	<5	--	--	--	--	--
DCNE2-155	201	<5	--	--	--	--	--
DCNE2-156	201	<5	--	--	--	--	--
DCNE2-157	201	<5	--	--	--	--	--
DCNE2-159	201	<5	--	--	--	--	--

Certified by .....

CTA

GEOCHEMICAL PREPARATION AND ANALYTICAL PROCEDURES

1. Geochemical samples (soils, silts) are dried at 80°C for a period of 12 to 24 hours. The dried sample is sieved to -80 mesh fraction through a nylon and stainless steel sieve. Rock geochemical materials are crushed, dried and pulverized to -100 mesh.

2. A 1.00 gram portion of the sample is weighed into a calibrated test tube. The sample is digested using hot 70% $HClO_4$ and concentrated HNO_3. Digestion time = 2 hours.

3. Sample volume is adjusted to 25 mls. using demineralized water. Sample solutions are homogenized and allowed to settle before being analyzed by atomic absorption procedures.

4. Detection limits using Techtron A.A.5 atomic absorption unit:

Copper	- 1 ppm
Zinc	- 1 ppm
*Silver	- 0.2 ppm
*Lead	- 2 ppm

5. *Ag & Pb are corrected for background absorption.

6. Elements present in concentrations below the detection limits are reported as one half the detection limit, ie Ag - 0.1 ppm.

F.A. - A.A. GOLD COMBO METHOD

For low grade samples and geochemical materials, 10 gram samples are fused in litharge, carbonate and siliceous flux with the addition of 10 mg of Au-free Ag metal and cupelled. The silver bead is parted with dilute HNO_3 and then treated with aqua regia. The salts are dissolved in dilute HCl and analyzed for Au on an atomic absorption spectrophotometer to a detection of 5 ppb.

ASSAY PREPARATION

1.) Samples are sorted, then listed on assay sheets.
2.) The entire sample is crushed first in a primary jaw crusher, then in a secondary cone crusher.
3.) The crushed sample is reduced to a 200-400 gram sub-sample in a Jones Riffler, then dried.
4.) The dried material is pulverized to pass a 100 mesh screen, then rolled to homogenize.

ASSAY ANALYTICAL METHODS

1.) **Cu, Mo, Ni (%)**
A 2 gram sub-sample is digested in a hot perchloric-nitric acid mixture for two hours, cooled, then transfered into a 250 ml. volumetric flask. Aluminum Chloride is added as an ionization suppressant for Mo. The solutions are then analyzed on an atomic absorption instrument.

2.) **Pb, Zn (%)**
These elements are analyzed as above with the addition of nitric acid to the final sample and standard solutions.

3.) **WO_3**
Tungstens are analyzed by a colourimetric thiocyanate procedure after dissolution with a phosphoric-hydrofluoric-hydrochloric acid mixture.

4.) **Ag, Au (oz/ton)**
Silver and gold analyses are done by standard fire assay techniques. In the sample preparation stage the screens are checked for metallics which, if present, are assayed separately and calculated into the results obtained from the pulp assay.

CCRMP standards provided by the Department of Energy, Mines and Resources are analyzed along with each group of fourty samples for quality control. Fire assay standards are used less frequently because of the large quantity of pulp required for the analysis.

PPM Antimony:

A 2.0 gm sample digested with conc. HCl in hot water bath. The iron is reduced to Fe^{+2} state and the Sb complexed with I^-. The complex is extracted with TOPO-MIBK and analyzed via A.A. Correcting for background absorption 0.2 ppm $\pm$ 0.2

Detection limit: 0.2 ppm

PPM Arsenic:

A 1.0 gram sample is digested with a mixture of perchloric and nitric acid to strong fumes of perchloric acid. The digested solution is diluted to volume and mixed. An aliquot of the digest is acidified, reduced with Kl and mixed. A portion of the reduced solution is converted to arsine with $NaBH_4$ and the arsenic content determined using flameless atomic absorption.

Detection limit: 1 ppm

PPB Gold:

5 gm samples ashed @ 800°C for one hour, digested with aqua regia - twice to dryness - taken up in 25% HCl^-, the gold then extracted as the bromide complex into MIBK and analyzed via A.A.

Detection limit: 10 ppb

PPM Uranium

1.0 gms sample is digested with $HClO_4$ - HNO_3 acid for approximately 2 hours. An aliquot extracted with MIBK after the addition of $Al(NO_3)_3$ - TPAN solution and analyzed via conventional fluormetric procedure.

Detection limit: 0.5 ppm

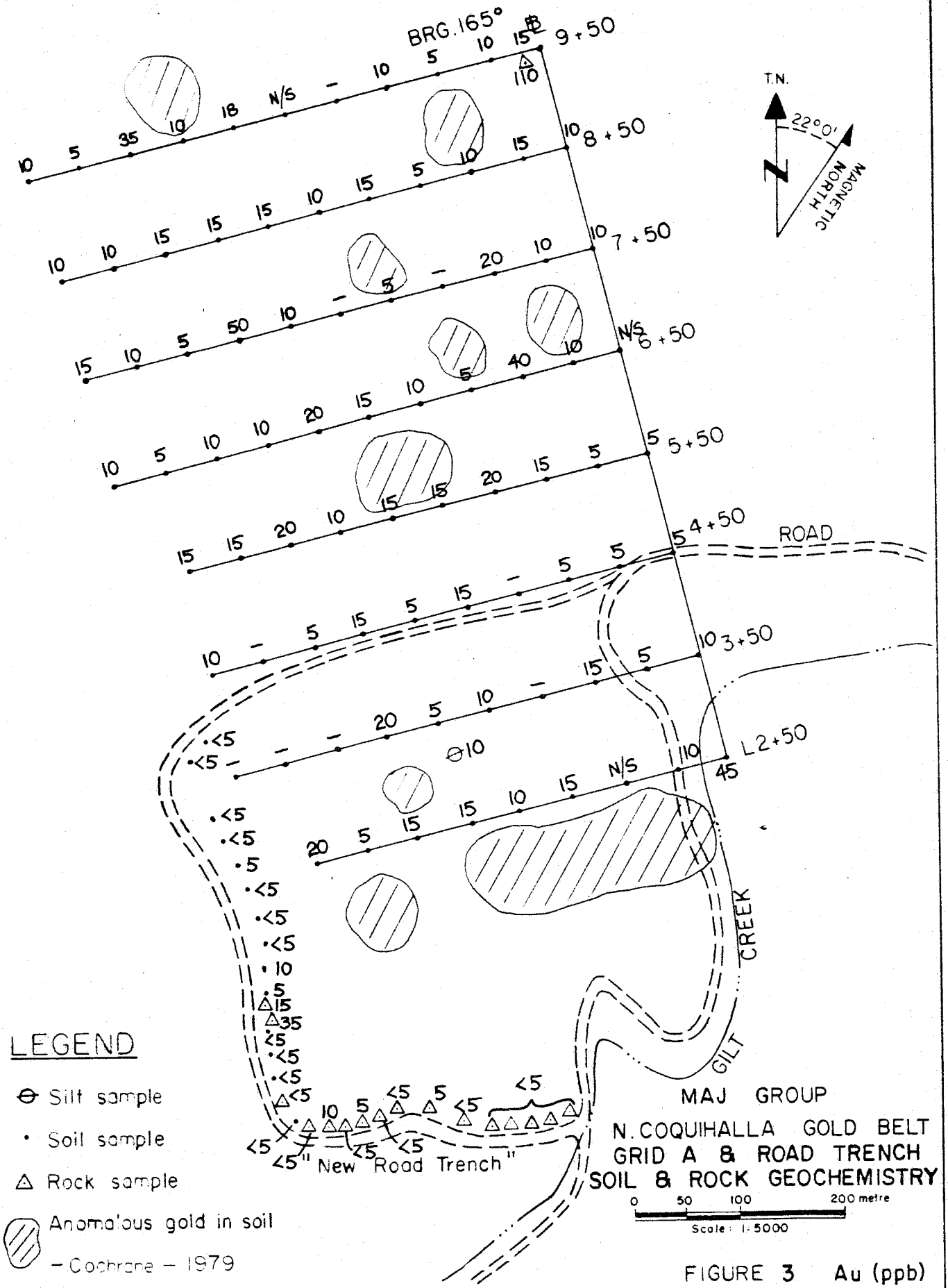


FIGURE 3 Au (ppb)

OREQUEST CONSULTANTS LTD

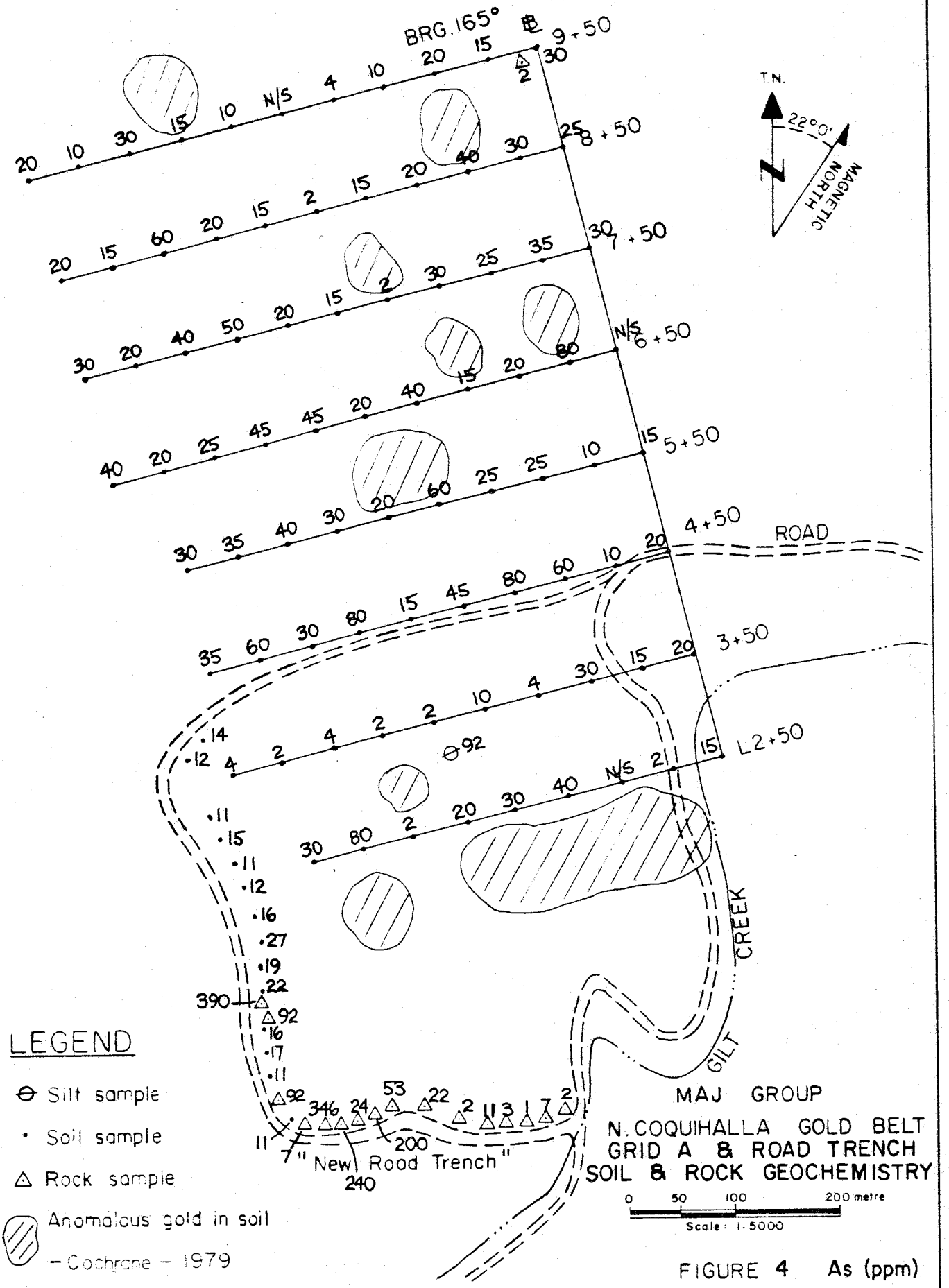


FIGURE 4 As (ppm)

OREQUEST CONSULTANTS LTD

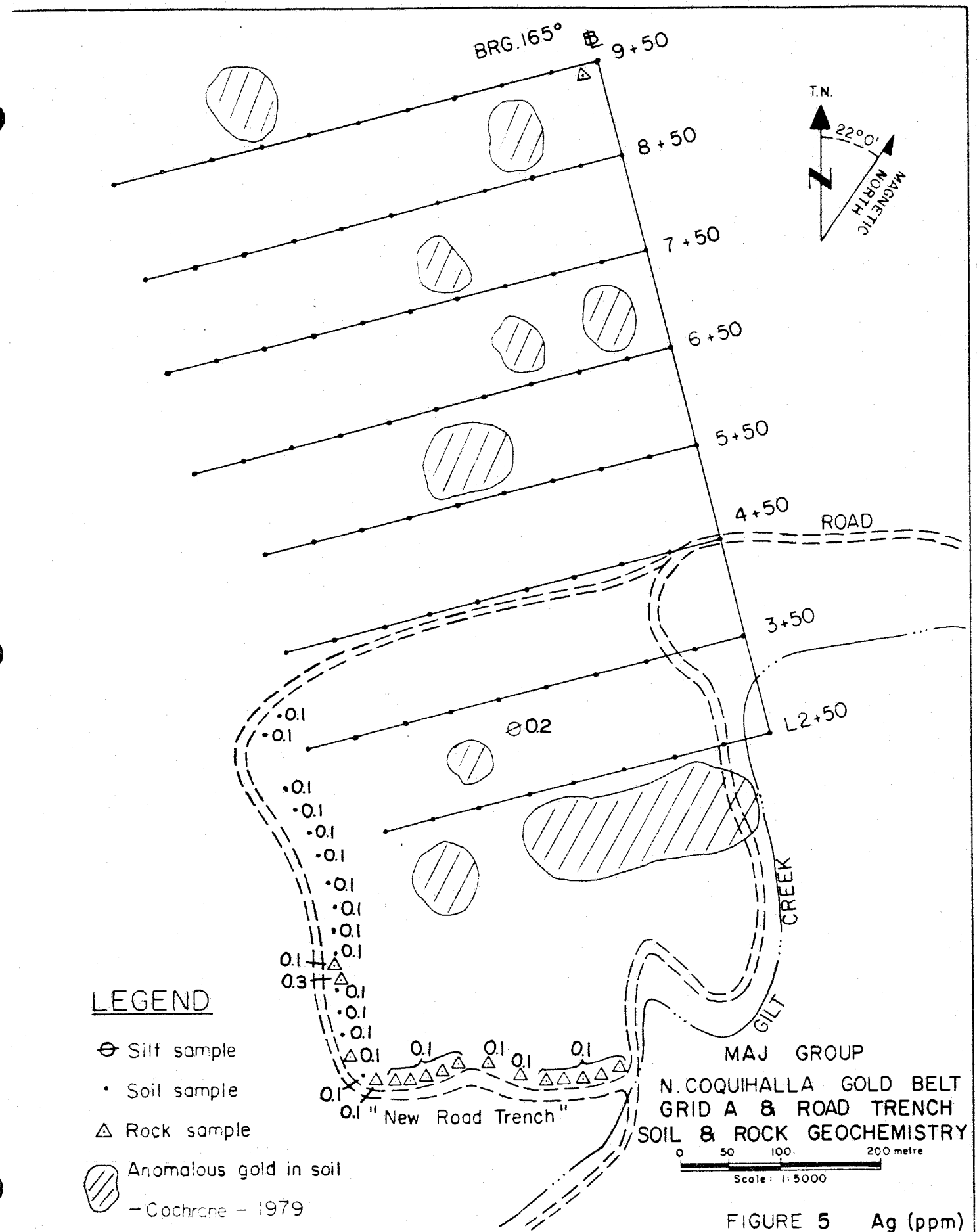


FIGURE 5 Ag (ppm)

ORE QUEST CONSULTANTS LTD

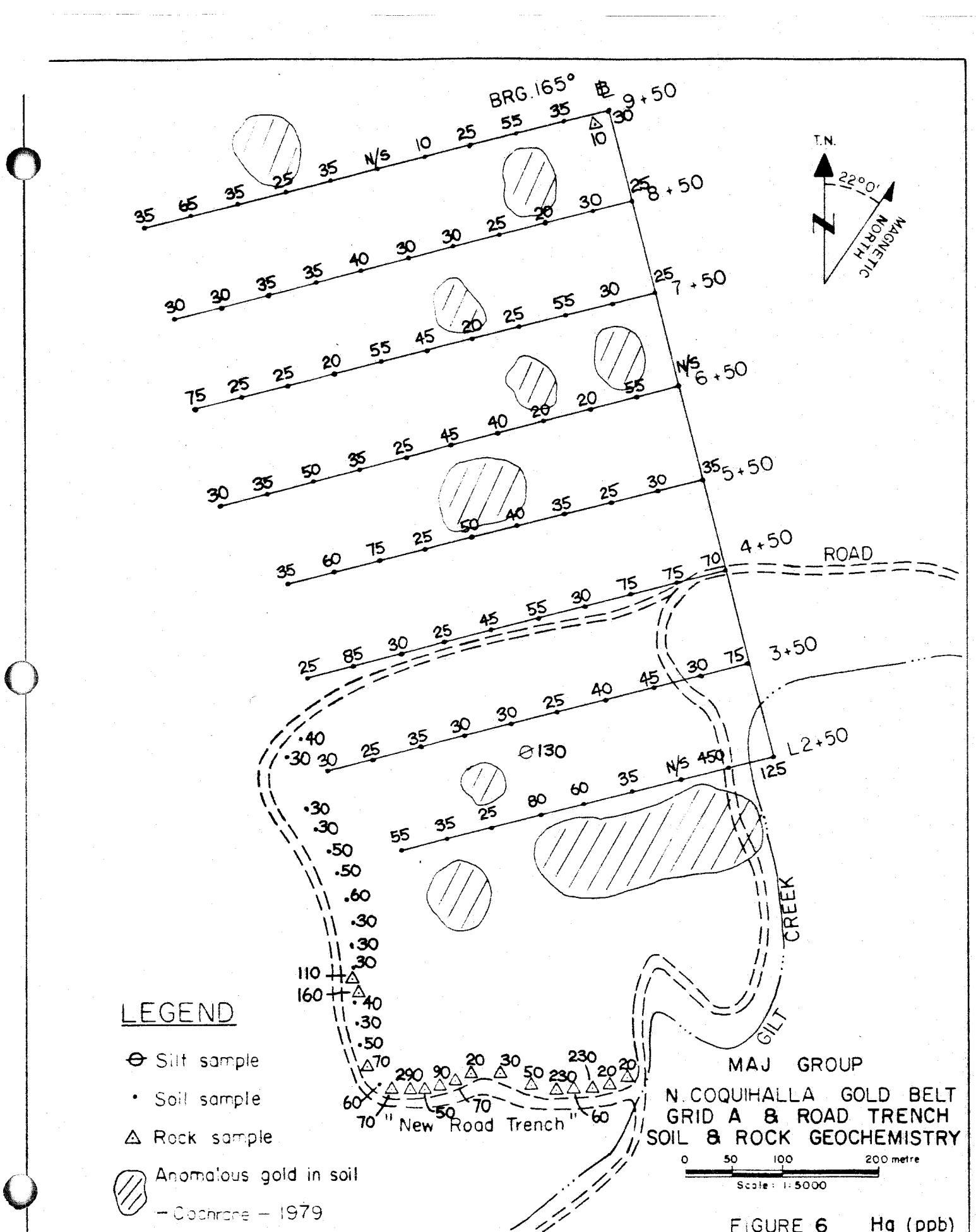


FIGURE 6 Hg (ppb)

ORE QUEST CONSULTANTS LTD

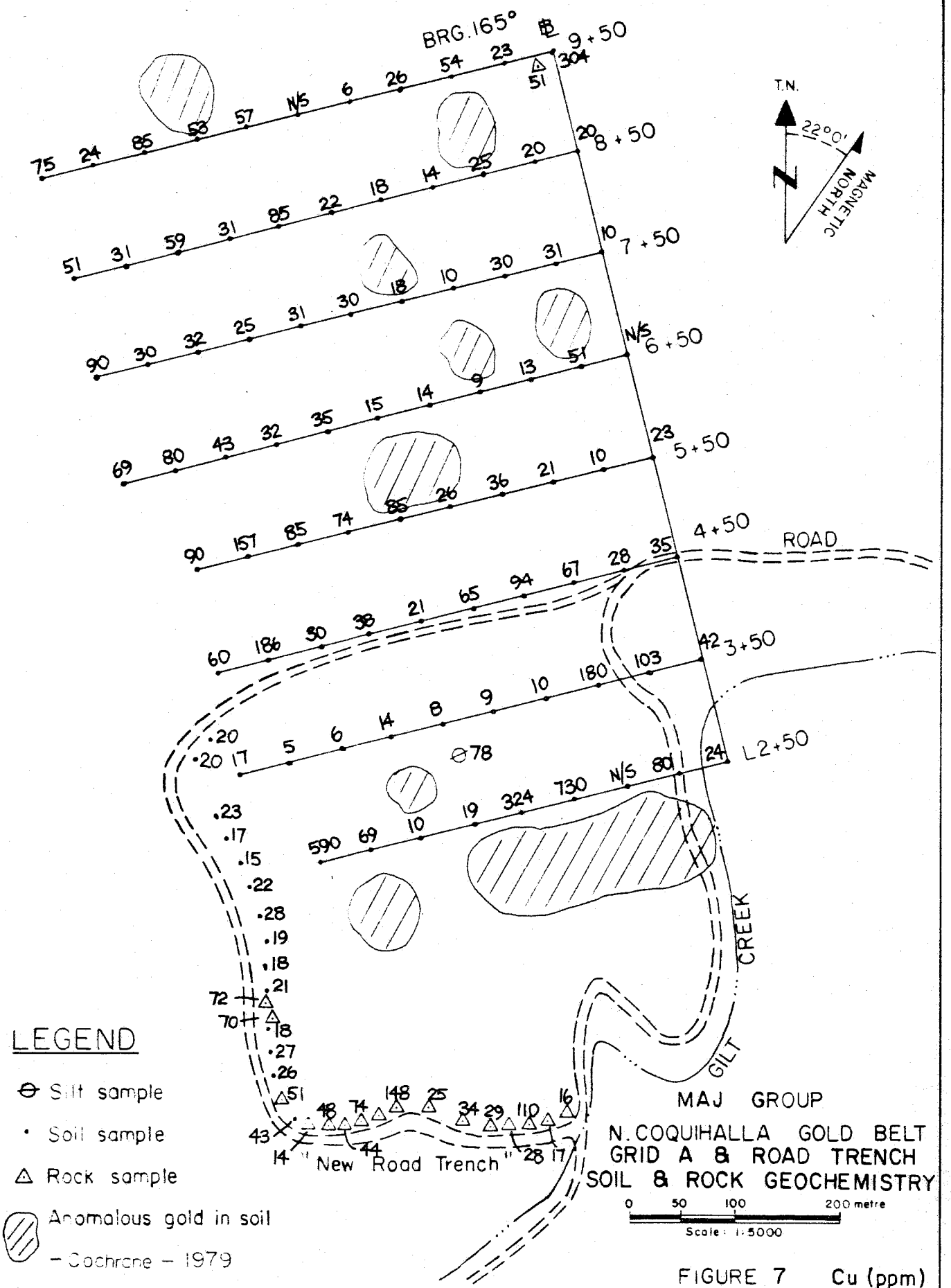


FIGURE 7 Cu (ppm)

OREQUEST CONSULTANTS LTD

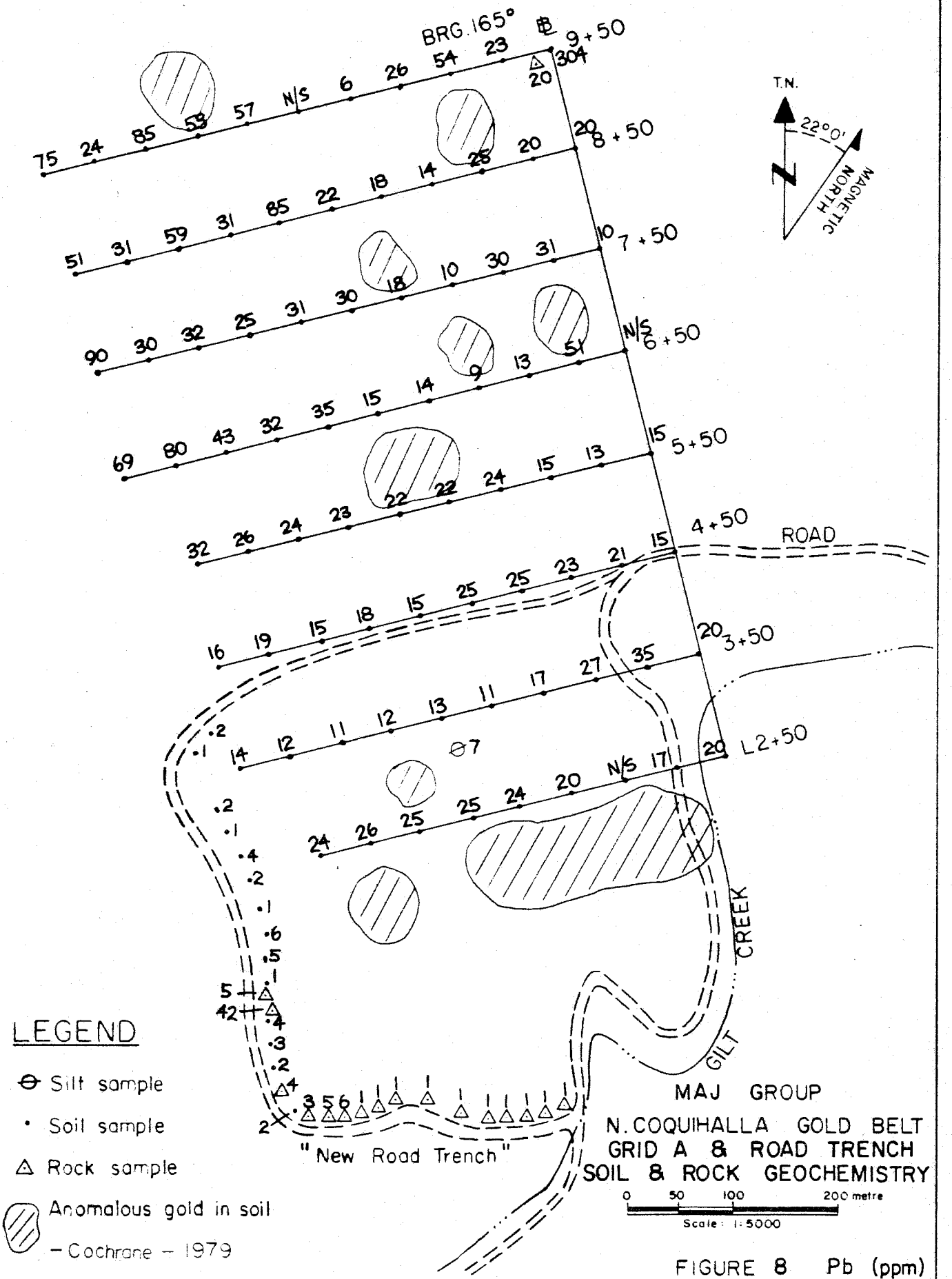


FIGURE 8 Pb (ppm)

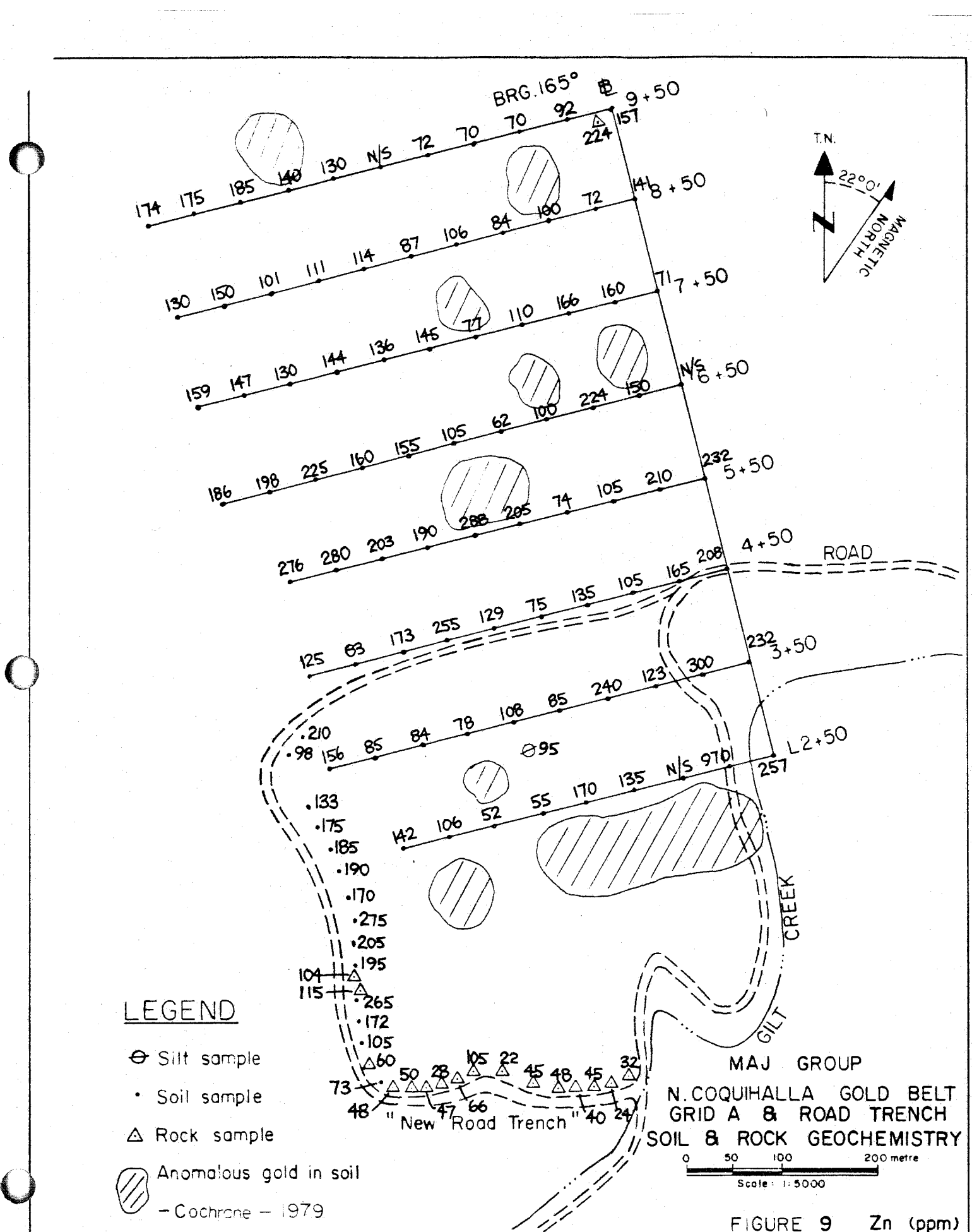
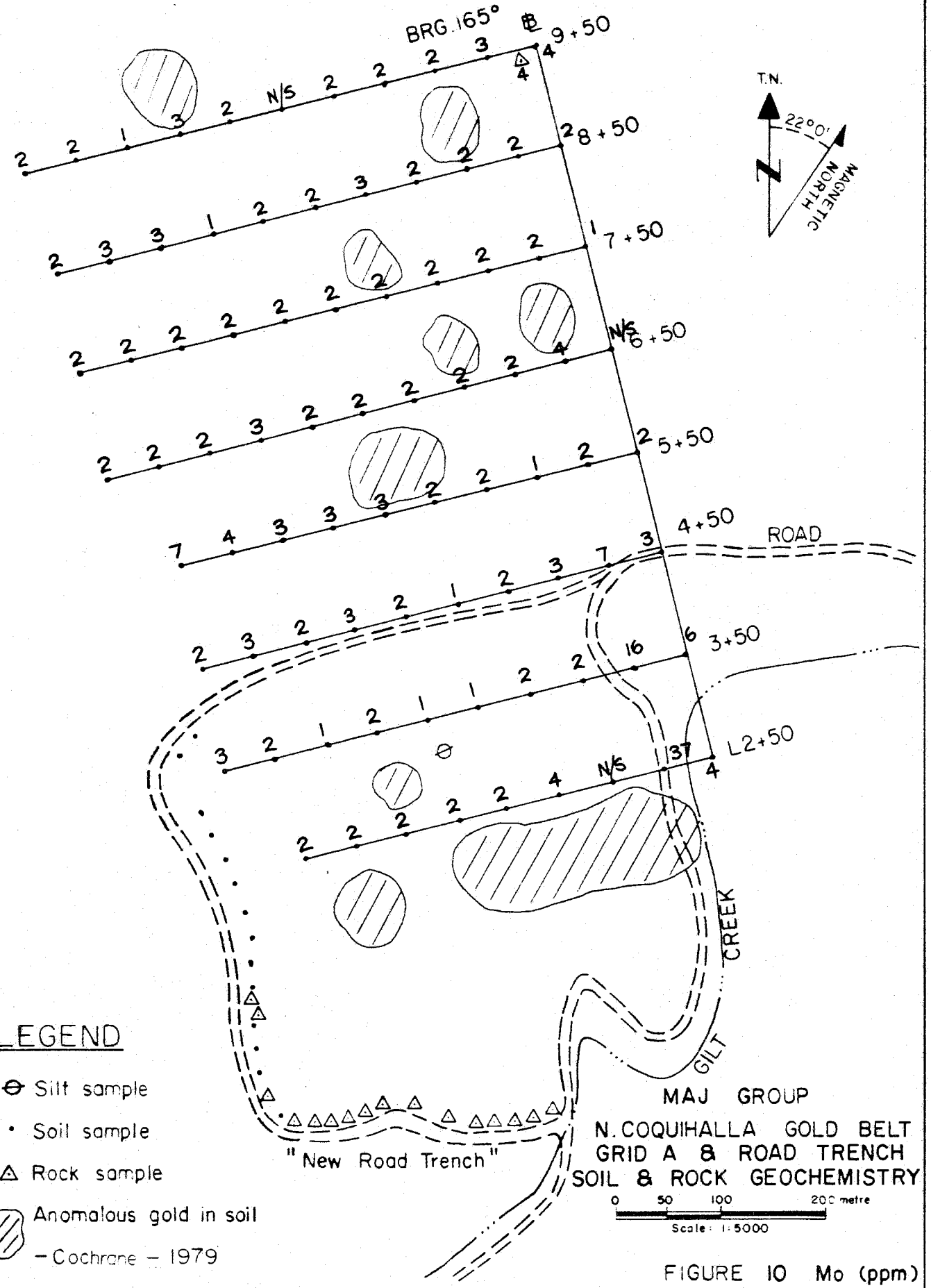


FIGURE 9 Zn (ppm)



LEGEND

- Silt sample
- Soil sample
- Rock sample
- Anomalous gold in soil – Cochrane – 1979

MAJ GROUP

N. COQUIHALLA GOLD BELT

GRID A & ROAD TRENCH

SOIL & ROCK GEOCHEMISTRY

0 50 100 200 metre

Scale: 1:5000

FIGURE 10 Mo (ppm)

OREQUEST CONSULTANTS LTD

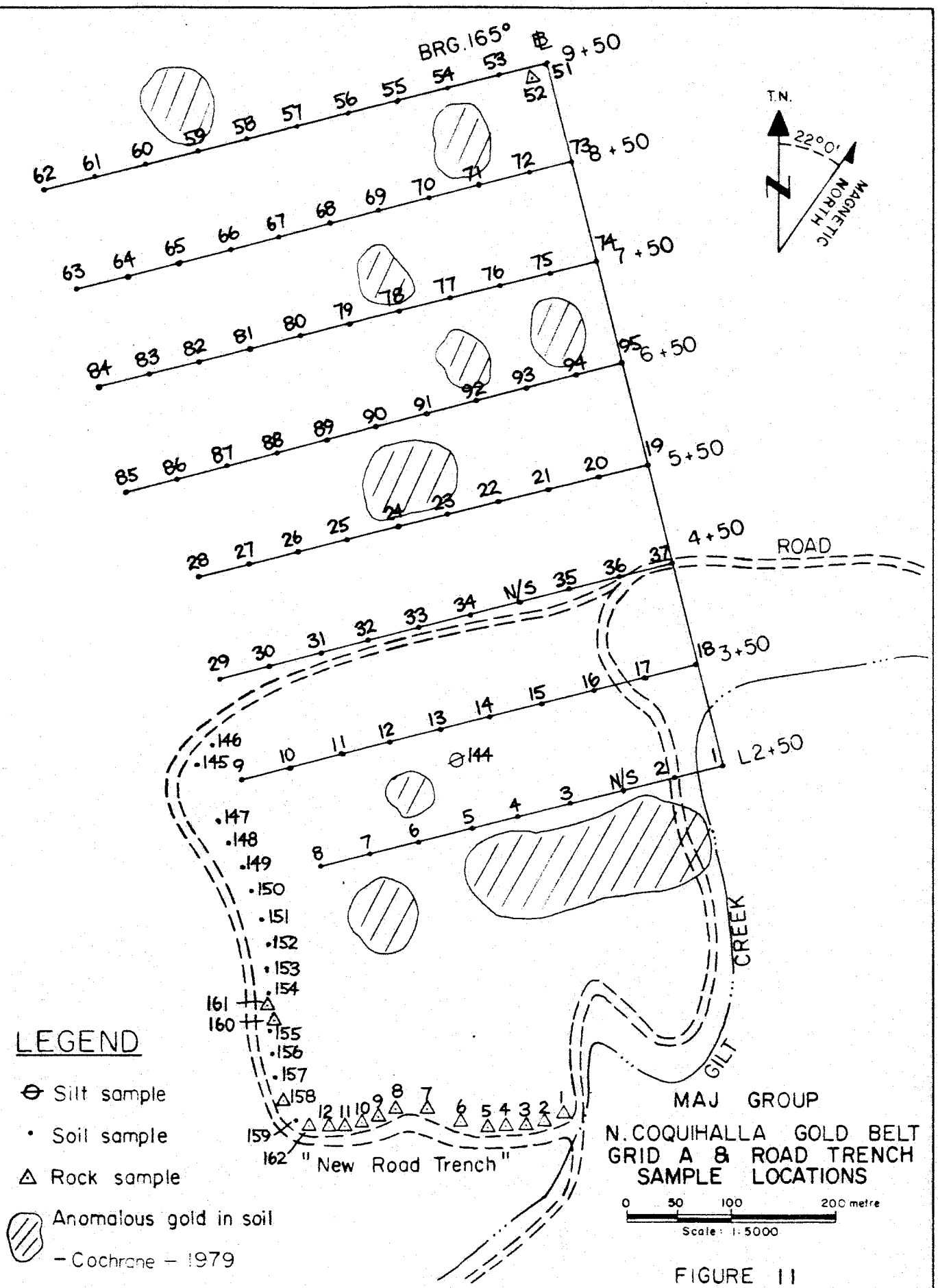
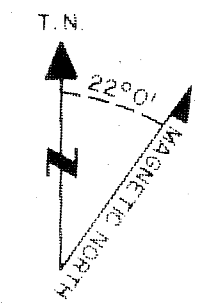


FIGURE 11



LEGEND

- • Soil sample (DCNE 2)
- —·— Creek
- ⌒X⌒ Logged Boundary
- N/S No Sample Taken
- — < 5 ppm

GEOLOGICAL BRANCH ASSESSMENT REPORT

13,499

MAJ GROUP

N. COQUIHALLA GOLD BELT

GRID "B"

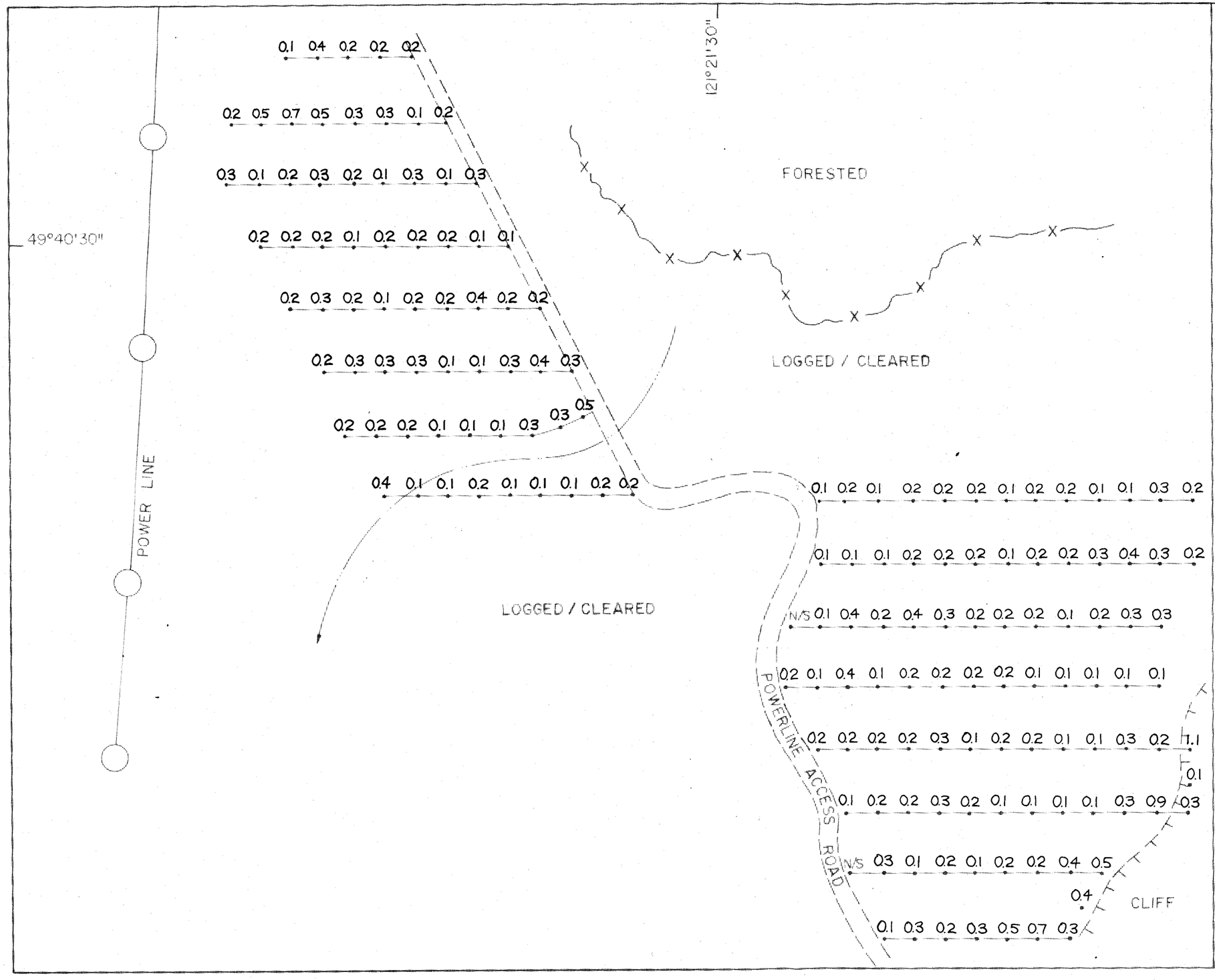
SOIL GEOCHEMISTRY - Au (ppb)

0 50 100 200 metre

Scale : 1:3000

FIGURE 12

OREQUEST CONSULTANTS LTD



T.N.

22°0'

MAGNETIC NORTH

LEGEND

- Soil sample (DCNE 2)
- Creek
- X Logged Boundary
- N/S No Sample Taken

GEOLOGICAL BRANCH ASSESSMENT REPORT

13,499

MAJ GROUP

N. COQUIHALLA GOLD BELT

GRID "B"

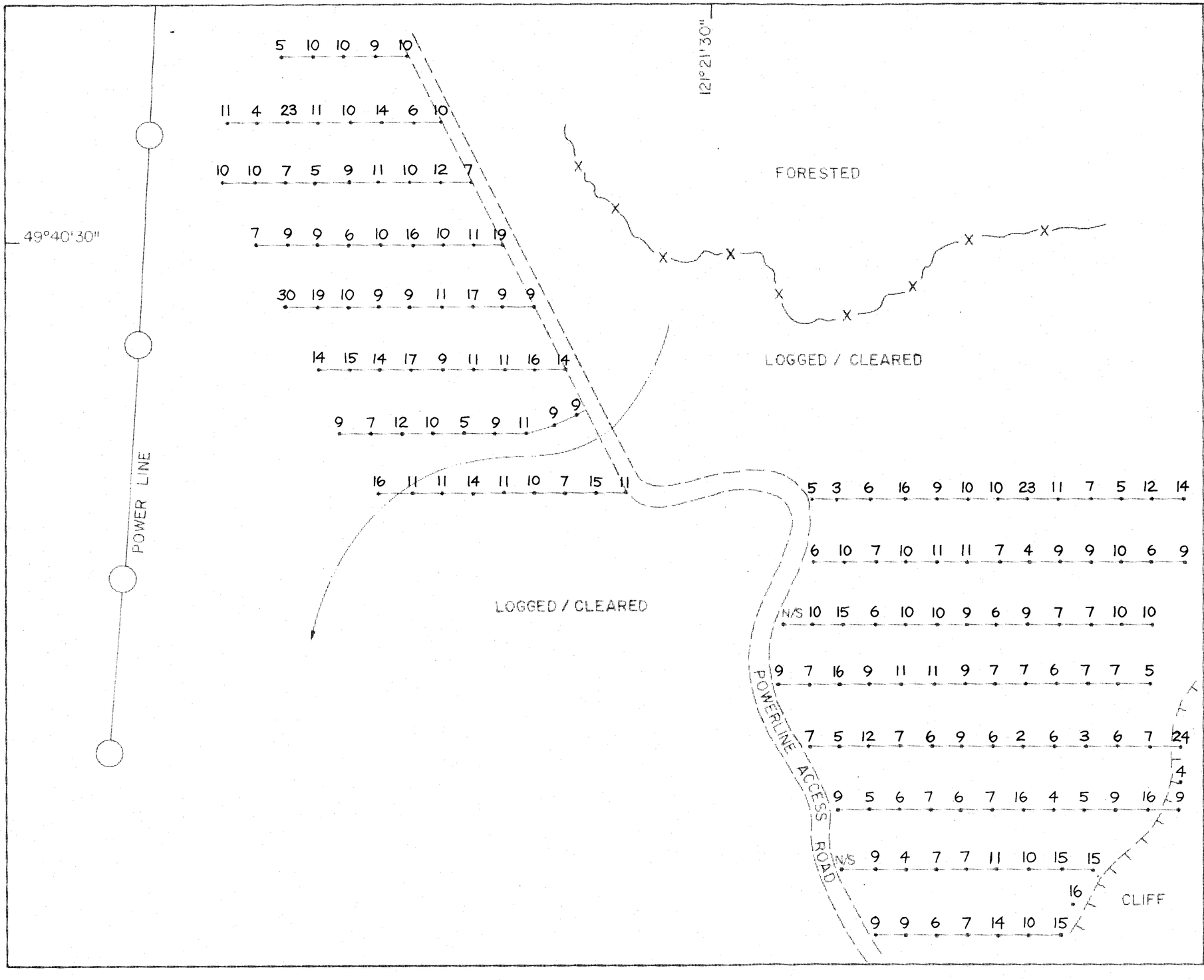
SOIL GEOCHEMISTRY - Ag (ppm)

0 50 100 200 metre

Scale : 1:3000

FIGURE 13

ORE QUEST CONSULTANTS LTD



T.N.

22°01'

MAGNETIC NORTH

LEGEND

- Soil sample (DCNE 2)
- Creek
- X Logged Boundary
- N/S No Sample Taken

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,499

MAJ GROUP

N. COQUIHALLA GOLD BELT

GRID "B"

SOIL GEOCHEMISTRY - As (ppm)

0 50 100 200 metre

Scale : 1:3000

FIGURE 14

ORE QUEST CONSULTANTS LTD

T.N.

22°0'

MAGNETIC NORTH

LEGEND

- Soil sample (DCNE 2)
- Creek
- X Logged Boundary
- N/S No Sample Taken

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,499

MAJ GROUP

N. COQUIHALLA GOLD BELT

GRID "B"

SOIL GEOCHEMISTRY - Hg (ppb)

0 50 100 200 metre

Scale : 1:3000

FIGURE 15

OreQuest Consultants Ltd.

121°21'30"

49°40'30"

POWER LINE

POWERLINE ACCESS ROAD

FORESTED

LOGGED / CLEARED

LOGGED / CLEARED

CLIFF

16 35 27 30 46

25 25 49 35 24 45 19 30

34 32 25 29 25 29 26 24 23

30 34 21 20 28 28 42 43 50

24 24 31 21 20 27 32 27 21

37 32 38 28 22 26 32 48 42

28 32 33 34 22 28 31 20 20

40 35 37 41 36 23 19 43 30

25 16 24 27 24 31 47 49 33 29 26 27 37

25 25 24 29 42 35 30 21 37 41 29 26 23

N/S 24 52 28 40 34 30 28 30 28 30 90 35

28 23 54 31 32 37 29 30 35 24 33 29 26

28 22 38 26 33 40 24 16 26 25 34 32 112

24

40 28 25 22 26 30 40 18 26 50 165 45

N/S 36 19 27 30 32 33 60 60

67

31 31 25 24 35 55 45

T.N.

22°01'

MAGNETIC NORTH

LEGEND

- Soil sample (DCNE 2)
- Creek
- X Logged Boundary
- N/S No Sample Taken

GEOLOGICAL BRANCH ASSESSMENT REPORT

13,499

MAJ GROUP

N. COQUIHALLA GOLD BELT

GRID "B"

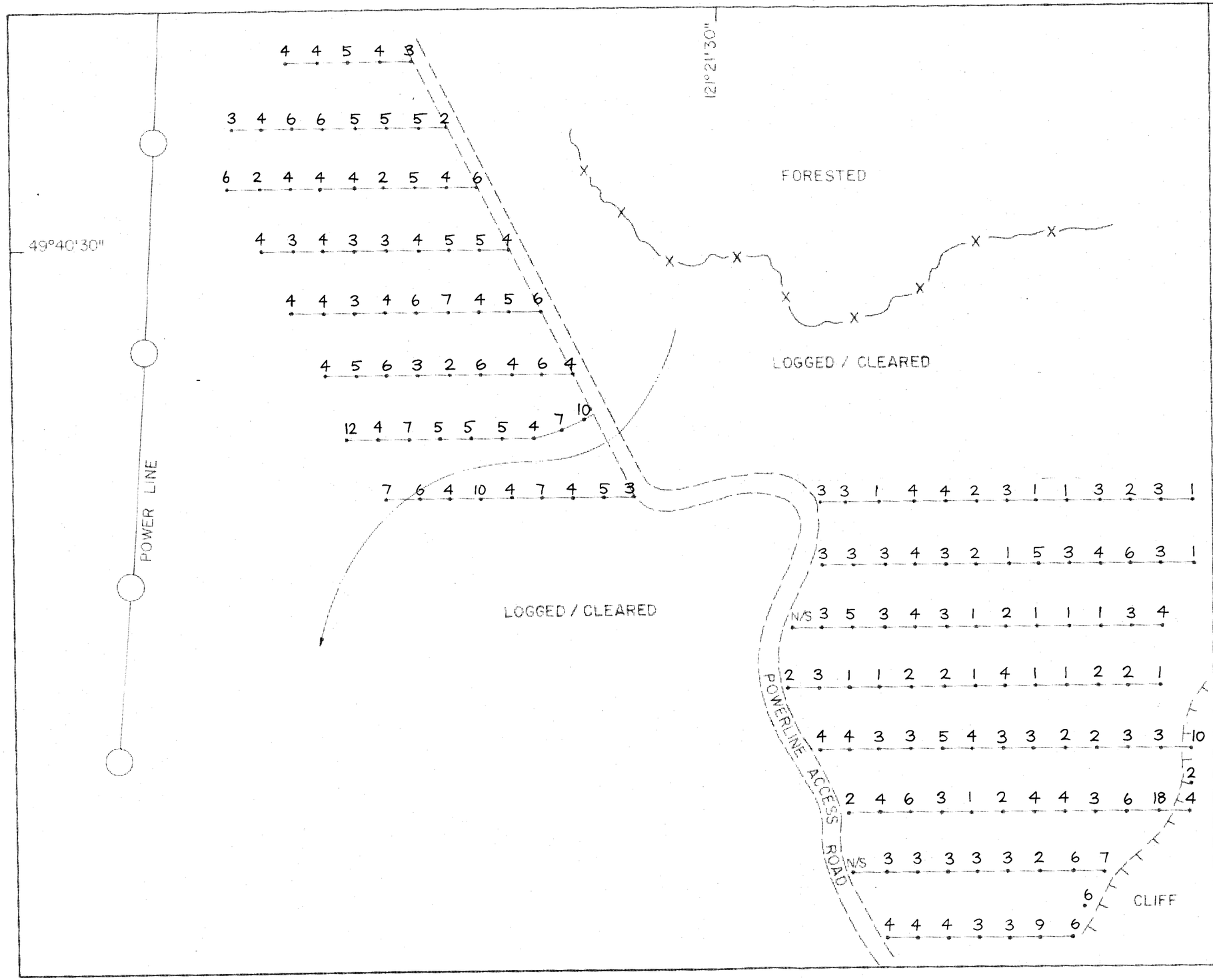
SOIL GEOCHEMISTRY - Cu (ppm)

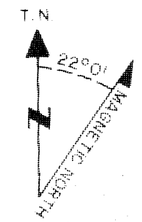
0 50 100 200 metre

Scale: 1:3000

FIGURE 16

OreQuest Consultants Ltd





LEGEND

- Soil sample (DCNE 2)
- Creek
- X Logged Boundary
- N/S No Sample Taken

GEOLOGICAL BRANCH ASSESSMENT REPORT

13,499

MAJ GROUP

N. COQUIHALLA GOLD BELT

GRID "B"

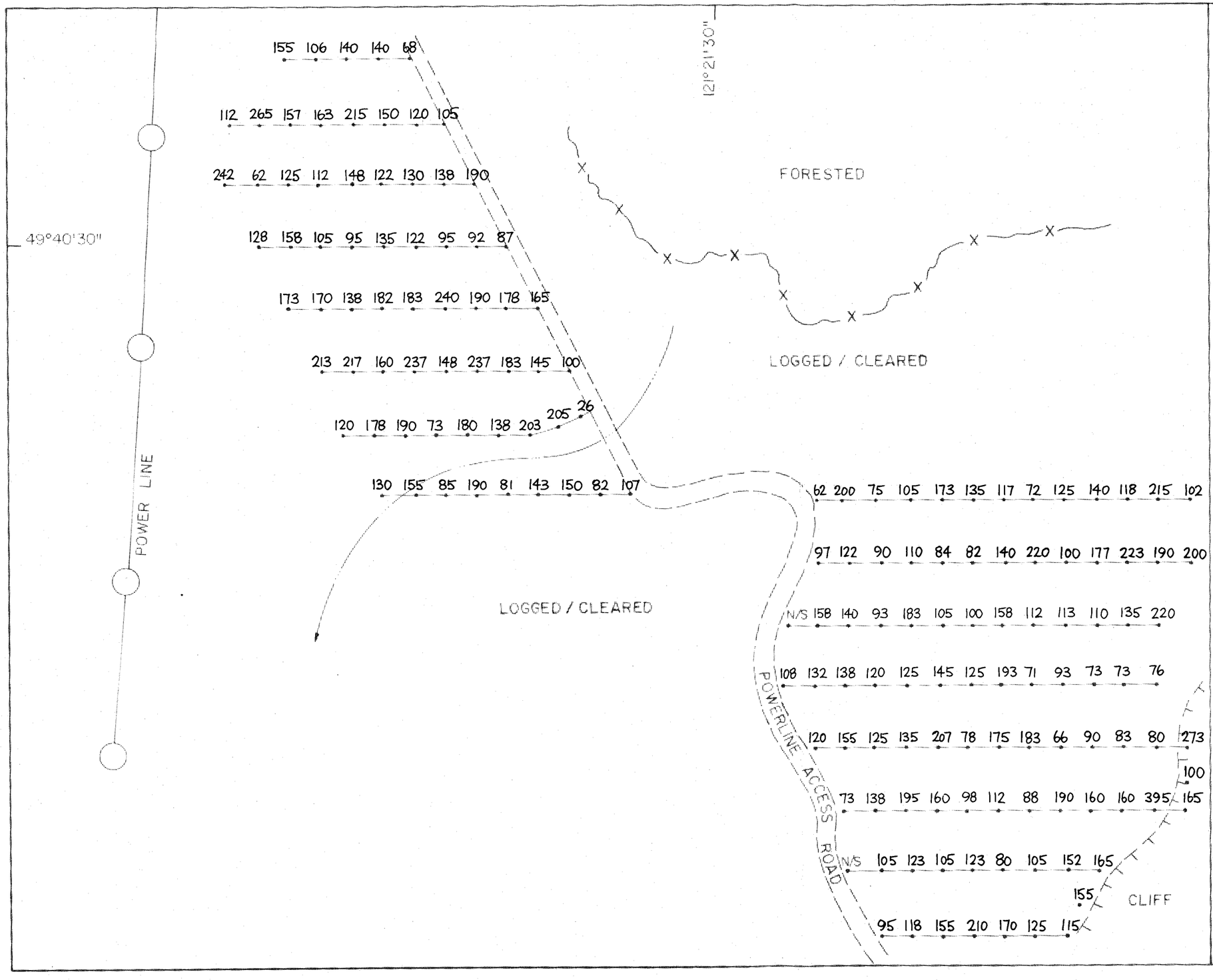
SOIL GEOCHEMISTRY - Pb (ppm)

0 50 100 200 metre

Scale : 1:3000

FIGURE 17

OreQuest Consultants Ltd



T.N.

22°0'

MAGNETIC NORTH

LEGEND

- Soil sample (DCNE 2)
- Creek
- X Logged Boundary
- N/S No Sample Taken

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,499

MAJ GROUP

N. COQUIHALLA GOLD BELT

GRID "B"

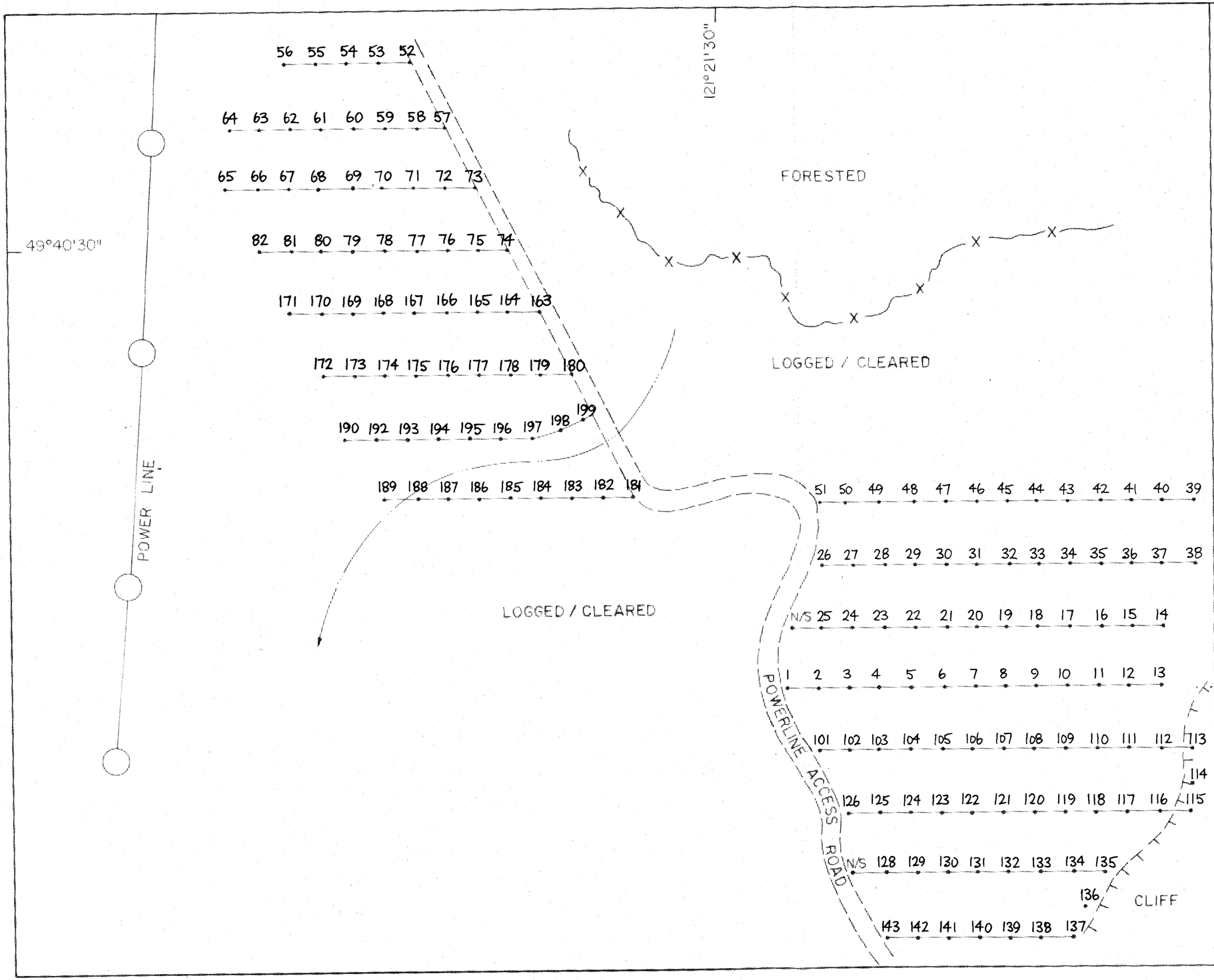
SOIL GEOCHEMISTRY - Zn (ppm)

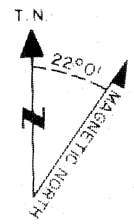
0 50 100 200 metre

Scale : 1:3000

FIGURE 18

OreQuest Consultants Ltd





LEGEND

- Soil sample (DCNE 2)
- Creek
- X Logged Boundary
- N/S No Sample Taken

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,499

MAJ GROUP

N. COQUIHALLA GOLD BELT

GRID "B"

SAMPLE LOCATION

0 50 100 200 metre
Scale : 1:3000

FIGURE 19

OREQUEST CONSULTANTS LTD