

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 89.06.07

ASSESSMENT REPORT 17653

MINING DIVISION: Clinton

PROPERTY: Roderick Creek  
LOCATION: LAT 51 09 00 LONG 122 17 00  
UTM 10 5666531 550127  
NTS 092001W

CLAIM(S): Rod, Rod 2  
OPERATOR(S): Levelland Energy Res.  
AUTHOR(S): Cavey, G.; Friz, P.C.  
REPORT YEAR: 1988, 45 Pages

COMMODITIES

SEARCHED FOR: Gold

GEOLOGICAL  
SUMMARY:

The property is underlain by Lower Cretaceous greywacke of the Jackass Mountain Group. Minor disseminated pyrite, and iron oxides are present.

WORK  
DONE:

Geochemical  
ROCK 30 sample(s) ;ME  
Map(s) - 1; Scale(s) - 1:10 000  
SILT 5 sample(s) ;ME  
SOIL 197 sample(s) ;ME  
Map(s) - 1; Scale(s) - 1:10 000

LOG NO: 1221	RD. 1
ACTION: Date received report back from amendments.	
FILE NO:	

LOG NO: 0818	RD.
ACTION:	
FILE NO:	

ASSESSMENT REPORT  
ON THE  
RODERICK CREEK PROJECT  
FOR  
LEVELLAND ENERGY RESOURCES LTD.

FILMED

NTS 920/1W  
LATITUDE 51° 9'N  
LONGITUDE 122° 19'W  
17

OWNER/OPERATOR  
LEVELLAND ENERGY RESOURCES LTD.

7583 Vantage Place  
Delta, B.C.

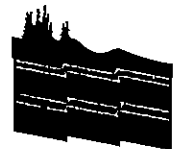
V46 CASE GEOLOGICAL BRANCH  
ASSESSMENT REPORT

17,653

G. Cavey, Geologist  
P.C. Friz, Geologist

July 25, 1988

OREQUEST



SUMMARY

In June 1988, a soil, rock and stream sediment geochemistry program was conducted on Levelland Energy Resources Ltd.'s Roderick Creek property, located 100 km west of Clinton, B.C. The program was carried out by OreQuest Consultants Ltd. for Levelland Energy Resources Ltd.

The objectives of the program were to locate gold bearing quartz veins that were reported to occur in the vicinity of Treasure Creek, and to carry out reconnaissance, geochemical and geological work along Roderick Creek.

On the east side of Roderick Creek, outside the claim boundary, a talus sample assayed 0.061 oz/t gold. More detailed prospecting of the area east of the Rod and Rod 2 claims is required to further assess the potential for a gold occurrence. No further work is recommended on the Rod and Rod 2 claims.

TABLE OF CONTENTS

Summary	1
Introduction	1
General Information	1
Location and Access	1
Physiography	1
Property Status	2
History and Previous Work	2
Geology	3
Regional Geology	3
Property Geology	3
Results	4
Rock Geochemistry	4
Soil Geochemistry	4
Stream Sediment Geochemistry	5
Conclusions and Recommendations	5
Cost Statement	
Certificate of Qualification	
George Cavey, Geologist	
Peter Friz, Geologist	
Bibliography	

MINISTRY OF ENERGY, MINES  
AND PETROLEUM RESOURCES  
Rec'd AUG 15 1988  
SUBJECT \_\_\_\_\_  
FILE \_\_\_\_\_  
VANCOUVER, B.C.

LIST of FIGURES

Figure 1	Location Map	Following Page 1
Figure 2	Claim Map	Following Page 2
Figure 3	Rock and Stream Sediment Samples	In Pocket
Figure 4	Soil Samples	In Pocket

LIST of TABLES

Table 1	Schedule of Claims	Page 2
---------	--------------------	--------

LIST of APPENDICES

Appendix 1	Brief Description of Rock Samples
Appendix 2	Rock Sample Results
Appendix 3	Soil Sample Results
Appendix 4	Stream Sediment Sample Results

## INTRODUCTION

A soil, rock and stream sediment geochemistry program was carried out on the Rod and Rod 2 claims from June 1 to June 13, 1988 under the supervision of OreQuest Consultants Ltd.

The objectives of the program were twofold, one to locate gold bearing quartz veins thought to be located in an old cave in Treasure Creek. To accomplish this, the west facing slope overlooking the creek was soil and rock sampled the creek was silt sampled. Secondly, to sample Roderick Creek and the east facing slope above it, in the area of a number of old workings.

A total of 30 rock, 10 stream sediment and 197 soil samples were taken.

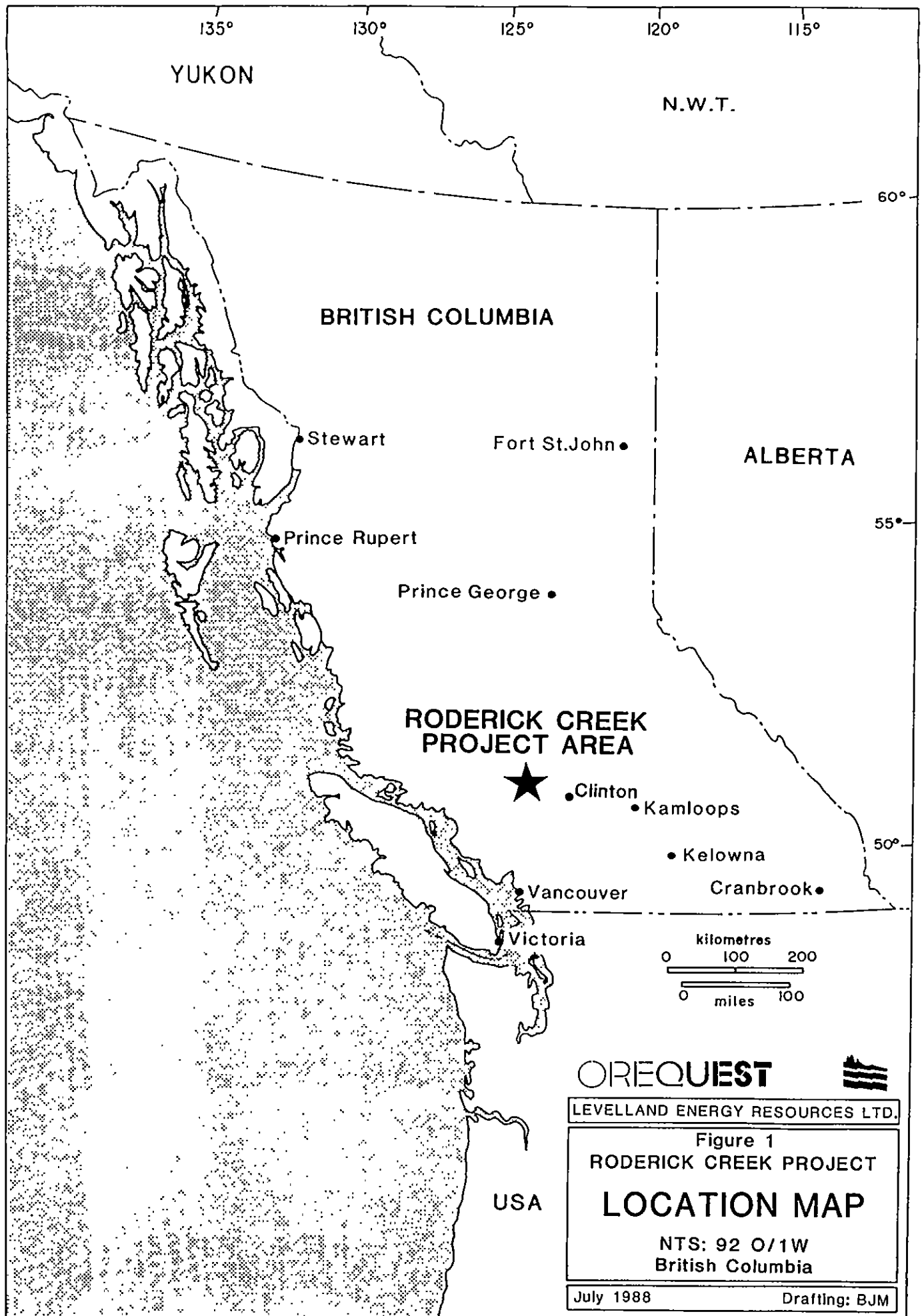
## GENERAL INFORMATION

### Location and Access

The property lies approximately 100 km from Clinton, west of the Fraser River. The site is reached by driving 70 kmm on a gravel road to the Big Bar Ferry and once across the Fraser River, 30 km on a dirt road heading towards China Head Mountain.

### Physiography

The area is mountainous, the slopes are vegetated and moderate to heavily forested up to an elevation of approximately 6500 feet. The elevations on the claims vary from 4500 feet above sea level to 7100 feet above sea level. Outcrop exposure is less than one percent.



Property Status

In June 1987, the Rod and Rod 2 claims were staked by Bruce Jordan for M.R. Hajek, in February 1988, Levelland Energy acquired a 100% interest in the Roderick Creek property. The property is located in the Clinton Mining Division and totals 36 claim units as outlined in Table 1.

TABLE 1

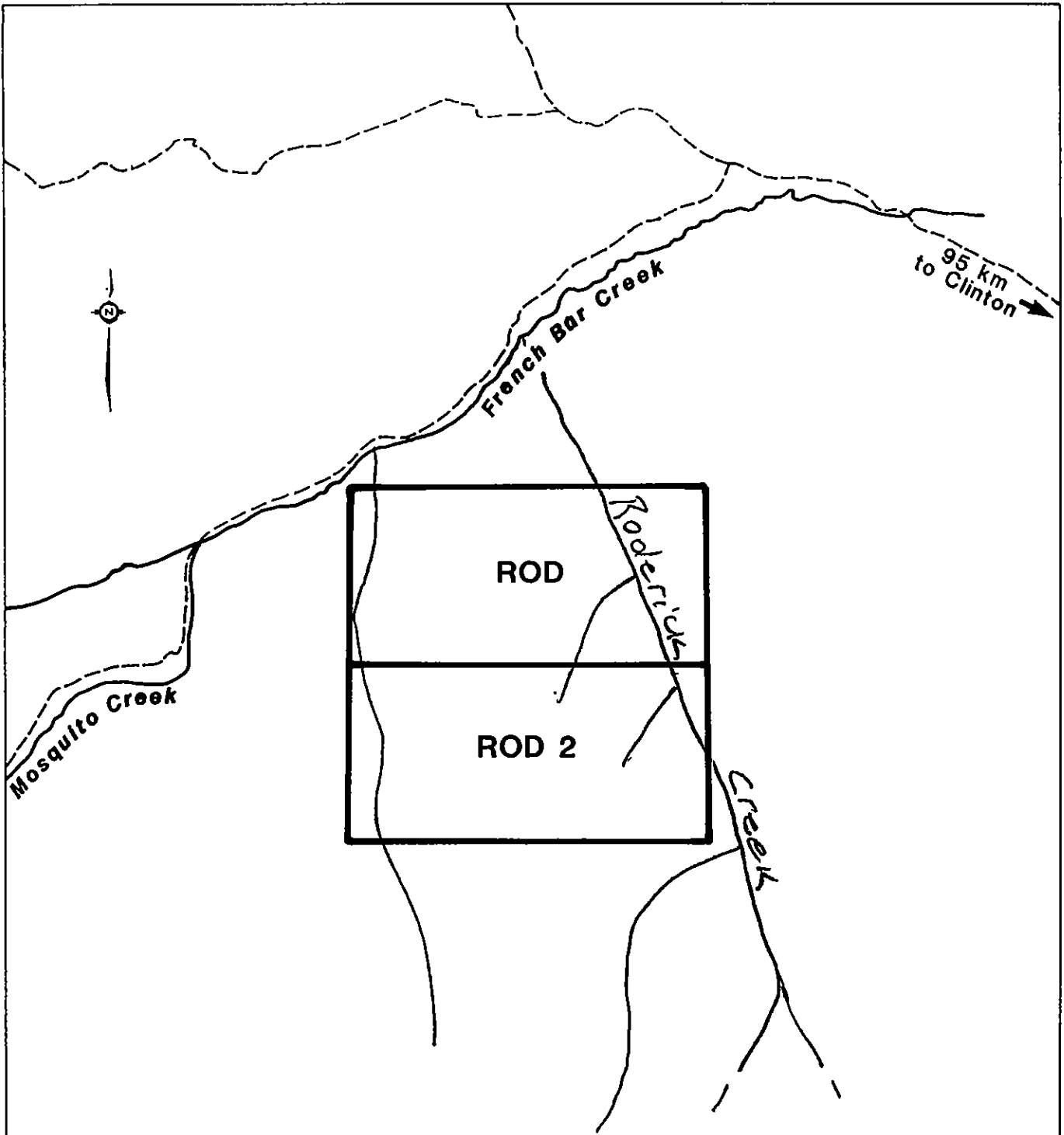
Claim No.	Record No.	No. of Units	Expiry Date
Rod	2281	18	July 15, 1989
Rod 2	2282	18	July 15, 1989

History and Previous Work

In the 1870's a British surveying party located a property which is thought to be covered by the present day Roderick Creek claims. Old records indicate that the British party were told of a cave discovered by the local Indians that contain gold bearing veins. Unable to work on the property with the men and equipment available, they attempted to return the following year, but were unable to find their way back.

There are no records of any further exploration on the property until 1984, when Canadian Placer Assessment and Development Ltd. and Celtica Development Enterprises Ltd. staked the claim blocks CCP and CCP 2. The companies carried out a physical assessment of the property, in addition, numerous test pits and a 60m long channel running directly from the bank of Roderick Creek in a southeasterly direction were completed. An attempt was made to carry out a drill program, but the weather closed in, the drill broke down and thus, the work was not completed.





**OREQUEST**



LEVELLAND ENERGY RESOURCES LTD.

Figure 2  
RODERICK CREEK PROJECT

**CLAIM MAP**

NTS: 92 O/1W  
British Columbia

July 1988

Drafting: BJM

## GEOLOGY

### Regional Geology

The Roderick Creek property lies within an extensive northwest trending belt of Middle Triassic to Upper Cretaceous sedimentary and volcanic rocks along the northeast margin of the Coast Plutonic Complex. Middle Jurassic to Upper Cretaceous strata in this belt have possibly been deposited within the Tyaughton Trough (Tipper and Jeletzky, 1968). This basin evolved from marine to nonmarine conditions in Mid-Cretaceous time during uplift of the Coast Mountain Suprastructure to the southwest (Kleinspehn, 1985). The Mesozoic Strata of the Tyaughton Trough are intruded by mid-Cretaceous quartz-diorite to quartz-monzonite of the Coast Plutonic Complex (McMillan, 1976).

Extensive faulting has occurred in the area, with 70 km of right lateral strike-slip movement along the north-trending Fraser-Straight Creek fault system during late Cretaceous (?) - early Tertiary time (Monger, 1985).

### Property Geology

The dominant unit found on the property is the Lower Cretaceous greywacke of the Jackass Mountain Group. The unit is poorly sorted and massive. It contains little or no mineralization with the exception of minor disseminated pyrite present in a few samples from a talus slope. Minor iron and manganese oxidation is present on weathered surfaces. On the west side of the property a shear zone found within the greywackes was oriented at 320/72° NE.

A quartz diorite intrusive approximately 500m wide was located along the east facing ridge above Roderick Creek. The exact width cannot be determined as the

contact is not exposed. A 40 metre band of quartz monzonite intrusive was found in a talus pile along the east facing slope above Roderick Creek. No mineralization was found within the intrusive, but minor iron and manganese oxides coat the surfaces.

## RESULTS

### Rock Geochemistry

A total of 30 rock samples were taken, of which only a few were anomalous with respect to gold. The sample locations are shown on Figure 3, the sample descriptions are located in Appendix 1 and the results are found in Appendix 2. Sample #16655 was taken from a talus slope on the east side of Roderick Creek, outside the claim boundary and contained 0.06 oz/t Au. The rock type sampled was a greywacke containing minor disseminated pyrite, cut by a 3-5mm wide quartz vein. Fifty metres away, another sample of the greywacke, #16653, contained 445 ppb Au. The only slightly anomalous rock sample from the Rod and Rod 2 claims was PCF 3 which contained 170 ppb Au. The rock type was a slightly gossanous quartz monzonite containing minor pyrite.

### Soil Geochemistry

A total of 197 soil samples were taken along the east bank of Treasure Creek, the west side of the ridge above it on the 5300', 5500' and 5700' contour intervals, the east and west banks of Roderick Creek and the 5000' contour on the east facing slope above it. The sample locations are shown in Figure 4, the results are found in Appendix 3. Sample interval was 100 metres.

The soil samples were predominantly samples of the B horizon, the depth at which the sample was taken varied from 15 to 30 cm. The soil profile was more developed

along the banks of the creeks as opposed to along the slopes where the B horizon was thinner and contained more angular rock fragments.

The soils were analyzed by Vangeochem Lab Ltd. of Vancouver, B.C., by ICP and AA methods. It was hoped that positive results would assist in locating the gold bearing quartz veins thought to be in the Treasure Creek drainage. Due to the numerous test pits near Roderick Creek, reconnaissance sampling was carried out in that area. No soil anomalies were discovered in either base or precious metals in the areas sampled. Gold content varies from 5 to 35 ppb Au.

#### Stream Sediment Geochemistry

Samples RR1 to RR5 were taken from Treasure Creek. The sediments were sieved to 8 mesh from an original sample size of approximately two kilograms. The sediments were analyzed by ICP as well as AA. None of the samples were anomalous in precious or base metals. The gold content ranged from 5 to 35 ppb Au. Stream sediment sample locations are shown in Figure 3, the results are found in Appendix 4.

Samples RR5 - RR10 were taken from Roderick Creek. The sampling and analytical procedures are described above. Again, none of the samples were anomalous in precious or base metals. Gold content ranged from nil to 15 ppb Au.

#### CONCLUSIONS AND RECOMMENDATIONS

Based on the results received from the soil, rock and stream sediment samples, it is unlikely that gold bearing quartz veins are located on the west facing slope above Treasure Creek. As for Roderick Creek, no anomalies, soil or stream sediment, were present by the banks or on the east facing slope above it, despite the evidence

of old workings in the area. Slightly anomalous values were found in talus slopes within the quartz monzonite intrusive on the east facing slope above Roderick Creek. The anomalous values may be caused by mineralizing fluids with a low concentration of gold injected along the contact of the quartz monzonite and the greywacke in the later stages of the intrusive event.

The same event probably caused the anomalous values found within talus samples of the greywackes on the east side of Roderick Creek, off the Rod and Rod 2 claims. More detailed prospecting of that area would give a better indication as to the extent of gold mineralization. Due to the lack of any anomalous results in soil, rock or stream sediment samples it is recommended that no further work be done on the Rod and Rod 2 claims.

COST STATEMENT

ROD and ROD 2 CLAIMS

Wages

P. Friz, May 30-June 13, 14, 16, 17 (1/2)	
- 17.5 days @ \$180/day	\$ 3,150.00
R. Riedel, May 31-June 13 (1/2)	
- 13.5 days @ \$190/day	\$ 2,565.00
G. Cavey, May 30, July 15	
- 2 days @ \$400/day	\$ 800.00

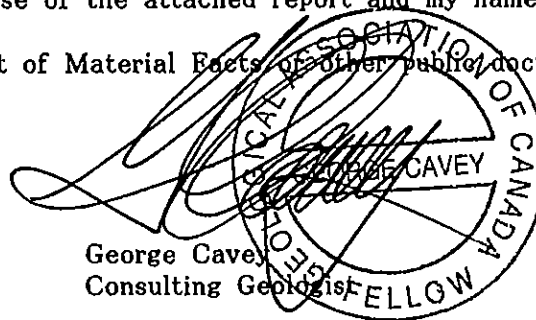
Field Expenses:

Support Costs	\$ 1,719.07
Communication	35.99
Analysis	3,248.35
Report Costs	455.49
Truck Rental	900.00
Camp Rental	200.00
Typing	280.00
Administration	760.34
Total	<u>\$14,114.24</u>

CERTIFICATE of QUALIFICATIONS

I, George Cavey, of 6891 Wiltshire Street, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1976) and hold a BSc. degree in geology.
2. I am presently employed as a consulting 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 since graduation.
4. I am a Fellow of the Geological Association of Canada.
5. I am a member of the Canadian Institute of Mining and Metallurgy.
6. The information contained in this report was obtained by supervision of the work done on the property by OreQuest Consultants Ltd. and a review of all data listed in the Bibliography.
7. Neither OreQuest Consultants Ltd. nor myself have or expect to receive direct or indirect interest in the property nor in the securities of Levelland Energy Resources Ltd.
8. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts, or other public document.

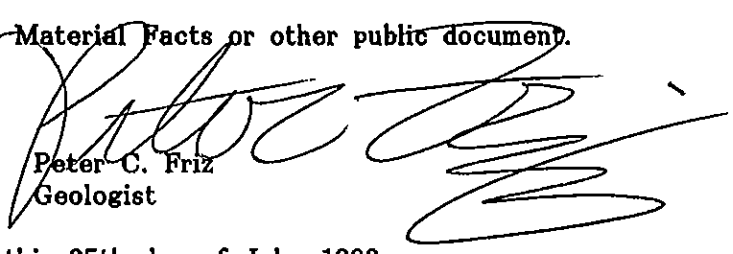
  
George Cavey  
Consulting Geologist

DATED at Vancouver, British Columbia, this 25th day of July, 1988.

CERTIFICATE of QUALIFICATIONS

I, Peter C. Friz of 4528 West 12th Ave., Vancouver, British Columbia, hereby certify:

1. I am a graduate of the University of British Columbia (1987) and hold a BSc. (Geology) degree.
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 as an exploration geologist on a full time basis since 1987.
4. The information contained in this report was obtained during an onsite property examination by myself and OreQuest Consultants Ltd. in 1988.
5. I own no direct, indirect or expect to receive any contingent interests in the subject property or shares or securities of Levelland Energy Resources Ltd.
6. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.

  
Peter C. Friz  
Geologist

DATED at Vancouver, British Columbia, this 25th day of July, 1988.



## BIBLIOGRAPHY

CLARK, R.

1987: Personal Communication.

ELFORD, R.

1984: Report on Inspection Trip, September 17-21, 1984.

JELETZKY, J.A. and TIPPER, H.W.

1968: Upper Jurassic and Cretaceous Rocks of Taseko Lakes Map Area and Their Bearing on the Geologic History of Southwestern B.C., Geologic Survey of Canada, Paper 67-54.

KLEINSPHEN, K.L.

1985: Cretaceous Sedimentation and Tectonics, Tyaughton-Methow Basin, Southwestern B.C., Canadian Journal of Earth Sciences, Volume 22, pages 154-174.

McMILLIAN, W.J.

1976: Granite Creek Property, 92 0/3W, B.C. Ministry of Energy, Mines and Petroleum Resources, Geology in British Columbia, pages 76-84.

MONGER, J.W.H.

1985: Structural Evolution of the Southwestern Intermountain Belt, Ashcroft and Hope Map Areas, B.C. in Current Research, Part A, Geological Survey of Canada, Paper 85-1A, pages 349-358.

APPENDIX 1  
ROCK SAMPLE DESCRIPTIONS

APPENDIX 1

Rock Type	Sample No.	Location	Description
Talus	16601	E. side of Roderick Crk.	Lithic wacke, massive
Talus	16602	E. side of Roderick Crk.	Greywacke, poorly sorted, massive
Talus	16603	E. side of Roderick Crk.	Greywacke, poorly sorted, massive
Outcrop	16604	Roderick Crk.	Greywacke, massive, poorly sorted
Outcrop	16605	E. side of Roderick Crk.	Lithic wacke, massive
Outcrop	16606	W. slope above Roderick Crk.	Silicified lithic wacke
Subcrop	16607	E. slope above Treasure Crk.	Greywacke, moderately well sorted
Outcrop	16608	E. slope above Treasure Crk.	Greywacke, shear fracture at 320/72° NE, massive
Outcrop	16609	N. slope above tributary of Treasure Crk.	as 16608
Outcrop	16610	E. slope above Treasure Crk.	as 16608
Outcrop	16611	E. slope above Treasure Crk.	as 16608
Outcrop	16612	On ridge between Treasure Crk. and Roderick Crk.	as 16608
Outcrop	16613	Ridge west of Roderick Crk.	Greywacke, iron oxidized
Outcrop	16614	Ridge west of Roderick Crk.	Quartz diorite, minor iron oxidation
Outcrop	16615	Ridge west of Roderick Crk.	Quartz diorite, minor disseminated pyrite
Outcrop	16616	Ridge west of Roderick Crk.	Greywacke, poorly sorted, moderately silicified
Talus	16651	Slope east of Roderick Crk.	Greywacke, slightly gossanous
Talus	16652	Slope east of Roderick Crk.	Greywacke
Talus	16653	Slope east of Roderick Crk.	Greywacke, minor disseminated pyrite
Talus	16654	Slope east of Roderick Crk.	Greywacke, minor disseminated pyrite, gossanous
Talus	16655	Slope east of Roderick Crk.	Greywacke, gossanous, minor disseminated pyrite, 3-5mm, quartz vein

APPENDIX 2  
ROCK SAMPLE RESULTS



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY :  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5 |  
(604) 251-5656 FAX: 254-5717 |

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

## ===== GEOCHEMICAL ANALYTICAL REPORT =====

CLIENT: OREQUEST CONSULTANTS LTD.  
ADDRESS: 404-595 Howe St.  
: Vancouver, B.C.  
: V6C 2T5

DATE: June 16 1988

REPORT#: 880544 GA  
JOB#: 880544

PROJECT#: LEVELLAND  
SAMPLES ARRIVED: June 09 1988  
REPORT COMPLETED: June 16 1988  
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 880544 NA  
TOTAL SAMPLES: 18  
SAMPLE TYPE: 18 Rock  
REJECTS: SAVED

SAMPLES FROM: Vancouver office.  
COPY SENT TO: All copies sent to Vancouver office.

PREPARED FOR: Mr. Peter Friz

ANALYSED BY: VGC Staff

SIGNED: \_\_\_\_\_  


GENERAL REMARK: Invoice sent to Vancouver office.



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604)251-5656 FAX:254-5717

BRANCH OFFICE  
1630 PANDORA ST  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

REPORT NUMBER: 880544 6A

JOB NUMBER: 880544

OREQUEST CONSULTANTS LTD.

PAGE 1 OF 1

SAMPLE #	Au
16601	30
16602	140
16603	10
16604	nd
16605	30
16606	10
16607	nd
16608	20
16609	10
16610	10
16611	10
16612	10
16651	30
16652	nd
16653	445
16654	190
16655	2400
16656	20

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

**VANGEOCHEM LAB LIMITED**

MAIN OFFICE: 1521 PEMBERTON AVE. N. VANCOUVER B.C. V7P 2S3 PH: (604) 986-5211 TELEX: 04-352578  
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH: (604) 251-5656

**ICAP GEOCHEMICAL ANALYSIS**

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR SN, MN, FE, CA, P, CR, Ni, CO, Ni, Cd, Pb, AL, Mg, K, Na, Pt AND SR. NI AND PD DETECTION IS 3 PPM.  
 IS= INSUFFICIENT SAMPLE. ND= NOT DETECTED. -- NOT ANALYZED

*[Handwritten Signature]*  
 ANALYST

REPORT#: 880544 PA  
 JOB#: 880544  
 INVOICE#: 880544 NA

DATE RECEIVED: 88/06/09  
 DATE COMPLETED: 88/06/17  
 COPY SENT TO:

PAGE 1 OF 1

COMPANY: OREGON CONSULTANTS  
 ATTENTION: P FRIZ  
 PROJECT: LEVELLAND

SAMPLE NAME	AG	AL	AS	AU	BA	BI	CA	CD	CO	CR	CU	FE	K	Mg	MN	MO	NR	NI	P	PB	PD	PT	SB	SK	U	V	ZN
	PPM	I	PPM	PPM	PPM	PPM	I	PPM	PPM	PPM	PPM	I	I	I	PPM	PPM	I	PPM	I	PPM	PPM	PPM	PPM	PPM	PPM	PPM	
16401	.2	2.89	30	ND	69	ND	1.46	.8	15	105	43	3.07	.08	1.72	648	4	.01	39	.05	5	ND	ND	ND	6	88	ND	42
16402	.3	2.81	39	ND	78	ND	1.46	.9	21	92	110	3.92	.05	1.62	373	1	.01	37	.05	6	ND	ND	ND	7	20	ND	50
16403	.4	3.82	21	ND	79	ND	1.74	.9	20	132	73	3.76	.11	1.74	507	2	.01	41	.05	5	ND	ND	ND	7	56	ND	41
16404	.4	2.70	43	ND	130	ND	.83	.9	21	77	75	3.59	.08	1.49	806	3	.01	19	.07	9	ND	ND	ND	7	94	ND	75
16405	.1	2.35	24	ND	26	ND	1.15	.7	16	63	89	3.77	.05	1.71	811	3	.01	9	.04	7	ND	ND	ND	5	45	ND	55
16406	.1	2.59	30	ND	139	ND	.88	.5	11	83	71	2.58	.05	1.22	517	2	.01	15	.06	5	ND	ND	ND	5	62	ND	42
16407	1.1	4.02	17	ND	64	ND	2.39	.6	23	62	28	4.06	.08	2.33	784	3	.01	21	.07	6	ND	ND	ND	10	75	ND	77
16408	1.1	4.39	24	ND	41	ND	2.61	.8	23	58	27	4.00	.06	2.21	786	2	.01	13	.07	4	ND	ND	ND	9	65	ND	74
16409	1.1	3.84	20	ND	46	ND	2.05	.8	24	126	28	4.07	.06	2.53	802	2	.01	23	.04	7	ND	ND	ND	10	37	ND	75
16510	1.1	3.91	21	ND	45	ND	1.91	.8	23	65	25	4.09	.05	2.40	791	2	.01	34	.07	6	ND	ND	ND	9	103	ND	77
16511	1.1	3.82	19	ND	60	ND	1.91	1.1	23	80	26	4.17	.06	2.37	803	2	.01	29	.07	7	ND	ND	ND	10	42	ND	85
16512	.5	2.73	22	ND	32	ND	.89	1.4	17	116	31	3.15	.04	2.07	564	1	.01	70	.06	90	ND	ND	ND	8	19	ND	266
16513	.1	3.15	24	ND	34	ND	1.69	.7	17	87	34	3.35	.05	1.83	786	2	.01	35	.05	5	ND	ND	ND	6	47	ND	46
16514	.1	.90	5	ND	155	ND	1.67	.3	5	47	5	1.51	.08	.48	976	1	.01	ND	.05	5	ND	ND	ND	2	29	ND	60
16515	.1	3.14	22	ND	21	ND	7.01	.8	17	78	145	4.51	.02	1.74	1711	3	.01	37	.23	9	ND	ND	ND	4	77	ND	41
16516	.1	3.04	104	ND	26	ND	7.70	.6	17	64	177	5.01	.01	1.80	2021	3	.01	37	.21	10	ND	ND	ND	4	87	ND	46
16517	.3	2.22	164	ND	41	ND	1.18	.3	16	102	60	2.75	.06	1.09	392	1	.01	38	.05	11	ND	ND	ND	5	29	ND	31
16518	.1	2.53	18	ND	138	ND	3.10	.9	21	111	23	3.51	.10	2.38	496	3	.01	24	.07	11	ND	ND	ND	6	24	ND	55
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	1	1	5	3



**VANGEOCHEM LAB LIMITED**

MAIN OFFICE AND LABORATORY |  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5 B3  
(604) 251-5656 FAX: 254-5717/6

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

**ASSAY ANALYTICAL REPORT**

CLIENT: DREQUEST CONSULTANTS LTD.  
ADDRESS: 404-595 Howe St.  
: Vancouver, B.C.  
: V6C 2T5

DATE: June 16 1988

REPORT#: 880544 AA  
JOB#: 880544

PROJECT#: LEVELLAND  
SAMPLES ARRIVED: June 09 1988  
REPORT COMPLETED: June 16 1988  
ANALYSED FOR: Au

INVOICE#: 880544 NA  
TOTAL SAMPLES: 1  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 18 ROCKS

SAMPLES FROM: Vancouver office  
COPY SENT TO: All copies sent to Vancouver office

PREPARED FOR: Mr. Peter Friz

ANALYSED BY: David Chiu

SIGNED:

-----  
Registered Provincial Assayer

GENERAL REMARK: Fire assay recheck for Au over 1000 ppb.





# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604) 251-5656 FAX: 254-5717

BRANCH OFFICE  
1630 PANDORA ST  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

REPORT NUMBER: 880544 AA

JOB NUMBER: 880544

DREQUEST CONSULTANTS LTD.

PAGE 1 OF 1

SAMPLE #	Au oz/st
16655	.061

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: \_\_\_\_\_



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604) 251-5656 FAX: 254-5717

BRANCH OFFICE  
1630 PANDORA ST  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

## ===== GEOCHEMICAL ANALYTICAL REPORT =====

CLIENT: OREQUEST CONSULTANTS LTD.  
ADDRESS: 404-595 Howe St.  
: Vancouver, B.C.  
: V6C 2T5

DATE: June 22 1988

REPORT#: 880555 GA  
JOB#: 880555

PROJECT#: LEVELLAND  
SAMPLES ARRIVED: June 14 1988  
REPORT COMPLETED: June 22 1988  
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 880555 NA  
TOTAL SAMPLES: 12  
SAMPLE TYPE: 12 Pack  
REJECTS: 0/0

SAMPLES FROM: Vancouver office.  
COPY SENT TO: All copies sent to Vancouver office.

PREPARED FOR: Mr. George Cavey

ANALYSED BY: VGC Staff

SIGNED: \_\_\_\_\_

GENERAL REMARK: Invoice sent to Vancouver office.



# VANGEOCHEM LAB LIMITED

ANALYTICAL AND LABORATORIES  
1999 Truroch Street  
Vancouver, B.C. V6L 1L6  
Tel: 251-5656 Fax: 251-5657

BRANCH OFFICE  
1630 PANDORA ST  
VANCOUVER B.C. V5L 1L6  
(604) 251-5656

REPORT NUMBER: 880555 6A

JOB NUMBER: 880555

REQUEST CONSULTANTS LTD.

PAGE 1 OF 1

SAMPLE #	Au
	ppb
16613	nd
16614	nd
16615	5
16616	5
PCF 1	20
PCF 2	10
PCF 3	170
PCF 4	nd
PCF 5	10
PCF 6	10
PCF 7	5
PCF 8	5

DETECTION LIMIT  
nd = none detected

5  
- = not analysed

is = insufficient sample

VANBEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604)251-5656 TELEX: 04-352578  
 BRANCH OFFICE: 1630 PANDORA STREET, VANCOUVER B.C. V5L 1L6 PH: (604)251-7282 FAX: (604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 31% HCL TO HNO3 TO HClO4 AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR SA, NI, FE, CA, P, CO, Ni, PA, AL, MA, K, H, PT AND SR. NI AND Pb DETECTION IS 3 PPM.  
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: DREQUEST CONSULTANTS  
 ATTENTION: G CAVEY  
 PROJECT: LEVELLAND

REPORT#: B80555 PA  
 JOB#: B80555  
 INVOICE#: B80555 NA

DATE RECEIVED: 88/06/14  
 DATE COMPLETED: 88/06/17  
 COPY SENT TO:

ANALYST: *[Signature]*

PAGE 1 OF 1

SAMPLE NAME	AS	AL	SI	NI	CA	CO	CO	CU	FE	K	MO	NI	NA	NO	NI	P	PB	PD	PT	SB	SE	SI	SR	U	V	ZN
16613	.6	2.54	24	NI	51	ND	2.45	ND	4.02	.06	2.06	1030	ND	.01	17	.07	16	ND	ND	ND	8	46	ND	ND	ND	87
16614	.2	2.21	37	ND	67	ND	2.60	8	2.93	.07	1.50	1143	ND	.01	29	.07	10	ND	ND	ND	6	57	ND	ND	ND	81
16615	.1	3.15	22	ND	55	ND	1.21	4	7	.06	.73	341	1	.03	8	.05	3	ND	ND	ND	4	112	ND	ND	ND	35
16616	.5	2.70	28	ND	30	ND	1.44	8	17	.05	1.75	779	ND	.01	28	.07	9	ND	ND	ND	8	28	ND	ND	ND	51
PCF 1	.2	2.75	69	ND	83	ND	.50	66	362	.06	1.03	442	3	.01	8	.07	12	ND	ND	ND	7	49	ND	ND	ND	26
PCF 2	.1	.95	25	ND	63	3	.48	65	154	.05	.44	185	11	.01	3	.05	7	ND	ND	ND	4	29	ND	ND	ND	11
PCF 3	1.1	2.20	12	ND	65	ND	.43	66	1378	.04	1.19	250	29	.01	15	.06	12	ND	ND	ND	7	32	ND	ND	ND	35
PCF 4	.4	3.21	21	ND	112	ND	1.09	ND	121	.12	.96	601	4	.03	22	.06	4	ND	ND	ND	7	83	ND	ND	ND	71
PCF 5	.4	3.01	22	ND	111	ND	.89	98	97	.13	1.26	439	3	.02	42	.04	3	ND	ND	ND	8	85	ND	ND	ND	86
PCF 6	.4	2.39	19	ND	63	3	.74	85	99	.10	1.30	377	3	.01	30	.08	6	ND	ND	ND	7	55	ND	ND	ND	37
PCF 7	.4	1.82	16	ND	17	ND	.55	62	537	.04	.35	185	58	.01	6	.06	6	ND	ND	ND	4	30	ND	ND	ND	30
PCF 8	.1	.99	13	ND	30	ND	.65	48	69	.05	.34	203	3	.01	4	.08	5	ND	ND	ND	4	59	ND	ND	ND	20
DETECTION LIMIT	.1	.01	3	3	1	3	.01	1	1	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	3	1

*Anomalous Results: Further analyses by alternate methods suggested*

APPENDIX 3  
SOIL SAMPLE RESULTS



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
16041251-5656 FAX:254-5717

BRANCH OFFICE  
1630 PANDORA ST  
VANCOUVER, B.C V5L 1L6  
(604) 251-5656

## ===== GEOCHEMICAL ANALYTICAL REPORT =====

CLIENT: OREQUEST CONSULTANTS LTD.  
ADDRESS: 404-595 Howe St.  
: Vancouver, B.C.  
: V6C 2T5

DATE: June 16 1988

REPORT#: 880545 GA  
JOB#: 880545

PROJECT#: LEVELLAND  
SAMPLES ARRIVED: June 09 1988  
REPORT COMPLETED: June 16 1988  
ANALYSED FOR: Au ICP

INVOICE#: 880545 NA  
TOTAL SAMPLES: 93  
SAMPLE TYPE: 93 SOILS  
REJECTS: DISCARDED

SAMPLES FROM: Vancouver office  
COPY SENT TO: Vancouver office

PREPARED FOR: Mr. Peter Friz

ANALYSED BY: VGC Staff

SIGNED: \_\_\_\_\_

GENERAL REMARK: Invoice sent to Vancouver office.



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604) 251-5656 FAX: 254-5717

BRANCH OFFICE  
1630 PANDORA ST  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

REPORT NUMBER: 880545 6A

JOB NUMBER: 880545

REQUEST CONSULTANTS LTD.

PAGE 1 OF 3

SAMPLE #	Au
5500	10
5501	nd
5502	nd
5503	5
5504	15
5505	15
5506	nd
5507	10
5508	nd
5509	5
5510	5
5511	nd
5512	nd
5513	nd
5514	nd
5515	nd
5516	10
5517	nd
5518	25
5519	nd
5520	5
5521	nd
5522	nd
5700	nd
5701	15
5702	nd
5703	nd
5704	nd
5705	30
5706	10
5707	15
5708	nd
5709	nd
5710	nd
5711	nd
5712	15
5713	10
5714	nd
5715	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

15 = insufficient sample



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604) 251-5656 FAX: 254-5717

BRANCH OFFICE  
1630 PANDORA ST  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

REPORT NUMBER: 880545 GA

JOB NUMBER: 880545

OREQUEST CONSULTANTS LTD.

PAGE 2 OF 3

SAMPLE #	Au
	ppb
5716	10
5717	5
5718	nd
5719	5
5720	nd
5721	5
5301	nd
5302	nd
5303	15
5304	5
5305	nd
5306	nd
5307	nd
5308	5
5309	5
5310	nd
5311	10
5312	5
5313	5
5314	5
CC 0+00	5
CC 1+00	nd
CC 2+00	nd
CC 3+00	nd
CC 4+00	nd
CC 5+00	10
CC 6+00	5
CC 7+00	nd
CC 8+00	10
CC 9+00	10
CC 10+00	15
CC 11+00	5
CC 12+00	5
CC 13+00	nd
CC 14+00	10
CC 15+00	nd
CC 16+00	nd
CC 17+00	nd
CC 18+00	15

DETECTION LIMIT

5

nd = none detected

-- = not analysed

15 = insufficient sample





# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604) 251-5656 FAX: 254-5717

BRANCH OFFICE  
1630 PANDORA ST  
VANCOUVER, B.C. V5L 1L6  
(604) 251 5656

REPORT NUMBER: 880545 GA

JOB NUMBER: 880545

OREQUEST CONSULTANTS LTD.

PAGE 3 OF 3

SAMPLE #	Au
	ppb
CC 19+00	5
CC 20+00	nd
CC 21+00	nd
CC 22+00	5
CC 23+00	nd
CC 24+00	5
CC 25+00	10
CC 26+00	nd
CC 27+00	10
CC 28+00	nd
CC 29+00	5
CC 30+00	5
CC 31+00	5
CC 32+00	5
CC 33+00	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

1s = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604) 251-5656 TELEX: 04-352578  
 BRANCH OFFICE: 1630 PANDORA STREET, VANCOUVER B.C. V5L 1L6 PH: (604) 251-7282 FAX: (604) 254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR Sb, Ni, Fe, Ca, P, Cr, Mg, Ba, Pd, Al, Na, K, N, Pt AND Sr. AU AND PD DETECTION IS 3 PPM.  
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: OREGON CONSULTANTS  
 ATTENTION: P FRIZ  
 PROJECT: LEVELLAND

REPORT#: 880545 PA  
 JOB#: 880545  
 INVOICE#: 880545 NA

DATE RECEIVED: 88/06/09  
 DATE COMPLETED: 88/06/17  
 COPY SENT TO:

ANALYST: *[Signature]*

PAGE 1 OF 3

SAMPLE NAME	Ag	Al	As	Au	Ba	Be	Ca	CB	Cl	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Ni	Na	Nb	P	Pb	Pd	Pt	Sb	Se	Si	Sr	Ti	U	V	Zn
5500	.3	2.87	17	ND	91	ND	.46	.8	15	41	24	3.09	.03	1.04	435	1	.01	46	.02	.02	7	ND	ND	ND	ND	6	43	ND	ND	71		
5501	.1	2.72	24	ND	124	ND	.63	.6	15	34	39	2.95	.04	.89	430	1	.01	34	.03	.03	5	ND	ND	ND	ND	5	92	ND	ND	55		
5502	.3	3.52	24	ND	83	ND	.68	.6	18	45	36	3.41	.04	1.18	505	1	.01	51	.04	.04	5	ND	ND	ND	ND	7	106	ND	ND	57		
5503	.1	3.07	14	ND	143	ND	.65	.6	17	44	24	3.35	.05	1.11	858	1	.01	53	.06	.06	7	ND	ND	ND	ND	6	77	ND	ND	76		
5504	.1	1.31	7	ND	65	ND	.32	.4	12	17	11	2.54	.02	.46	351	ND	.01	21	.04	.04	7	ND	ND	ND	ND	5	27	ND	ND	82		
5505	.2	3.20	23	ND	116	ND	.56	.6	17	41	22	3.27	.03	.91	453	1	.01	51	.03	.03	5	ND	ND	ND	ND	6	57	ND	ND	72		
5506	.1	.89	6	ND	47	ND	.20	.2	8	8	9	1.66	.01	.22	359	ND	.01	13	.02	.02	6	ND	ND	ND	ND	3	17	ND	ND	38		
5507	.1	2.90	22	ND	132	ND	.34	.5	16	34	15	2.72	.02	.61	373	1	.01	53	.07	.07	5	ND	ND	ND	ND	5	27	ND	ND	76		
5508	.1	3.50	14	ND	149	ND	.38	.6	18	39	22	2.99	.02	.72	423	1	.01	70	.10	.10	6	ND	ND	ND	ND	6	33	ND	ND	94		
5509	.1	2.57	14	ND	104	ND	.39	.6	15	33	19	2.70	.02	.71	316	1	.01	43	.03	.03	5	ND	ND	ND	ND	5	45	ND	ND	94		
5510	.1	2.62	17	ND	136	ND	.53	.6	16	41	19	2.79	.03	.86	742	1	.01	48	.03	.03	4	ND	ND	ND	ND	5	45	ND	ND	73		
5511	.3	3.33	14	ND	106	ND	.73	.8	18	54	23	3.37	.04	1.18	815	1	.01	58	.05	.05	3	ND	ND	ND	ND	6	50	ND	ND	75		
5512	.3	3.79	15	ND	88	ND	1.10	.8	18	47	26	3.69	.05	1.33	635	1	.01	40	.04	.04	4	ND	ND	ND	ND	6	85	ND	ND	65		
5513	.1	2.42	16	ND	129	ND	.38	.5	15	28	19	2.56	.02	.60	247	1	.01	44	.05	.05	5	ND	ND	ND	ND	5	35	ND	ND	64		
5514	.1	2.27	11	ND	111	ND	.43	.5	13	24	16	2.33	.03	.56	330	ND	.01	33	.07	.07	2	ND	ND	ND	ND	5	36	ND	ND	63		
5515	.3	3.24	14	ND	122	3	.77	.6	17	41	23	3.29	.05	1.08	712	1	.01	44	.04	.04	3	ND	ND	ND	ND	7	81	ND	ND	72		
5516	.2	2.43	20	ND	108	ND	.59	.6	14	35	25	2.82	.04	.78	423	ND	.01	35	.03	.03	4	ND	ND	ND	ND	6	78	ND	ND	52		
5517	.3	3.45	24	ND	146	ND	.86	.6	17	42	26	3.29	.06	1.01	739	1	.01	45	.06	.06	5	ND	ND	ND	ND	6	92	ND	ND	55		
5518	.1	1.70	14	ND	83	ND	.24	.3	11	20	13	2.16	.02	.59	409	1	.01	28	.05	.05	7	ND	ND	ND	ND	3	25	ND	ND	57		
5519	.1	2.81	16	ND	119	ND	.34	.5	17	36	19	2.97	.02	.64	250	1	.01	48	.05	.05	4	ND	ND	ND	ND	5	33	ND	ND	64		
5520	.1	2.92	14	ND	124	ND	.38	.6	17	46	21	2.83	.02	.81	294	1	.01	67	.08	.08	4	ND	ND	ND	ND	5	29	ND	ND	83		
5521	.2	3.33	17	ND	100	ND	.63	.6	18	54	21	3.12	.03	1.04	583	1	.01	62	.08	.08	4	ND	ND	ND	ND	4	49	ND	ND	81		
5522	.1	1.41	7	ND	53	ND	.20	.5	10	22	10	2.09	.01	.44	240	ND	.01	22	.03	.03	5	ND	ND	ND	ND	4	19	ND	ND	42		
5700	.2	3.30	15	ND	87	ND	.52	.5	17	40	21	3.27	.02	.80	261	2	.01	37	.05	.05	5	ND	ND	ND	ND	6	61	ND	ND	60		
5701	.3	4.35	20	ND	68	ND	1.33	1.1	30	71	45	4.00	.05	1.54	1304	1	.01	51	.08	.08	5	ND	ND	ND	ND	7	96	ND	ND	75		
5702	.6	3.25	17	ND	114	ND	.88	.6	19	60	22	3.29	.04	1.25	743	1	.01	57	.05	.05	4	ND	ND	ND	ND	7	54	ND	ND	76		
5703	.3	3.24	14	ND	117	ND	.63	.6	19	67	19	3.34	.03	1.27	717	1	.01	77	.03	.03	5	ND	ND	ND	ND	7	42	ND	ND	64		
5704	.1	2.25	13	ND	94	ND	.32	.4	14	30	13	2.37	.01	.55	334	1	.01	38	.05	.05	5	ND	ND	ND	ND	5	29	ND	ND	56		
5705	.1	.73	4	ND	37	ND	.13	.4	8	13	7	1.86	.01	.16	171	ND	.01	11	.02	.02	8	ND	ND	ND	ND	4	14	ND	ND	37		
5706	.1	2.58	25	ND	137	ND	.34	.6	13	29	23	2.93	.02	.81	364	1	.01	37	.01	.01	5	ND	ND	ND	ND	4	56	ND	ND	56		
5707	.3	3.24	15	ND	125	ND	.91	.6	18	38	26	3.25	.05	1.14	777	1	.01	40	.04	.04	5	ND	ND	ND	ND	6	93	ND	ND	70		
5708	.1	2.66	17	ND	85	ND	.65	.5	14	34	26	2.91	.04	.85	420	1	.01	33	.05	.05	6	ND	ND	ND	ND	6	78	ND	ND	51		
5709	.1	3.50	11	ND	163	ND	.35	.5	18	40	23	3.12	.02	.76	676	2	.01	62	.06	.06	5	ND	ND	ND	ND	5	40	ND	ND	59		
5710	.1	1.27	7	ND	92	ND	.26	.5	11	15	9	2.24	.01	.52	459	ND	.01	20	.05	.05	9	ND	ND	ND	ND	4	23	ND	ND	56		
5711	.1	.70	3	ND	54	ND	.20	.1	7	4	4	1.50	.02	.16	238	ND	.01	8	.08	.08	7	ND	ND	ND	ND	3	16	ND	ND	32		
5712	.3	3.74	17	ND	74	ND	.91	.8	19	58	25	3.08	.04	1.36	673	2	.01	60	.05	.05	5	ND	ND	ND	ND	8	56	ND	ND	61		
5713	.1	3.15	11	ND	141	ND	.45	.6	18	44	18	3.08	.03	.86	897	2	.01	64	.06	.06	7	ND	ND	ND	ND	6	38	ND	ND	51		
5714	.3	3.37	12	ND	147	ND	.64	.6	19	47	20	3.50	.03	1.16	1197	1	.01	60	.05	.05	5	ND	ND	ND	ND	7	42	ND	ND	83		
5715	.1	2.92	21	ND	129	ND	.52	.6	16	37	19	3.00	.02	.83	834	2	.01	51	.05	.05	4	ND	ND	ND	ND	5	44	ND	ND	75		

CLIENT: DREQUEST CONSULTANTS JOB#: 8B0545 PROJECT: LEVELLAND REPORT: 8B0545 PA  
PAGE 2 OF 3

SAMPLE NAME	AS PPH	AL I	AS PPH	AU PPH	BA PPH	BI PPH	CA I	CD PPH	CO PPH	CR PPH	CU PPH	FE I	K I	MS I	MM PPH	MO PPH	MA I	NI PPH	P I	PB PPH	PD PPH	PT PPH	SB PPH	SK PPH	SR PPH	U PPH	V PPH	ZN PPH	
5716	.2	3.34	20	ND	119	ND	.43	.6	19	42	19	3.47	.02	.70	330	2	.01	63	.06	6	ND	ND	ND	ND	6	27	ND	ND	86
5717	.1	2.41	15	ND	113	ND	.40	.6	15	32	13	2.83	.02	.61	884	2	.01	40	.04	6	ND	ND	ND	ND	6	30	ND	ND	64
5718	.1	2.27	20	ND	67	ND	.64	.4	15	33	17	2.81	.03	.80	362	2	.01	42	.02	6	ND	ND	ND	ND	5	61	ND	ND	70
5719	.2	2.56	19	ND	106	ND	.48	.5	16	34	20	2.93	.04	.83	486	2	.01	44	.06	5	ND	ND	ND	ND	6	48	ND	ND	64
5720	.2	3.79	24	ND	77	ND	.85	1.1	19	48	31	3.70	.05	1.37	730	2	.01	58	.07	5	ND	ND	ND	ND	6	83	ND	ND	72
5721	.3	3.47	24	ND	90	ND	1.04	.8	18	31	37	4.00	.04	1.20	1017	3	.01	41	.29	6	ND	ND	ND	ND	6	244	ND	ND	75
5301	.1	1.21	8	ND	90	ND	.28	.3	12	20	11	2.61	.02	.40	550	1	.01	23	.04	9	ND	ND	ND	ND	5	25	ND	ND	62
5302	.1	1.68	11	ND	116	ND	.35	.4	13	21	13	2.72	.03	.45	908	1	.01	27	.05	7	ND	ND	ND	ND	5	36	ND	ND	57
5303	.2	3.42	18	ND	146	ND	.83	.5	17	41	24	3.29	.06	1.01	917	2	.01	46	.08	4	ND	ND	ND	ND	6	109	ND	ND	70
5304	.2	2.95	21	ND	148	ND	1.23	.8	18	34	35	3.27	.07	1.04	1047	2	.01	46	.11	7	ND	ND	ND	ND	6	101	ND	ND	75
5305	.1	2.38	16	ND	135	ND	.53	.5	14	33	18	2.75	.04	.77	770	1	.01	34	.03	4	ND	ND	ND	ND	5	54	ND	ND	56
5306	.3	2.86	18	ND	121	ND	.81	.6	18	43	25	3.37	.05	1.18	708	2	.01	53	.04	6	ND	ND	ND	ND	7	70	ND	ND	63
5307	.2	2.06	14	ND	130	ND	.34	.4	14	27	12	2.62	.03	.51	528	2	.01	33	.13	6	ND	ND	ND	ND	5	27	ND	ND	63
5308	.1	1.72	15	ND	103	ND	.29	.5	13	20	11	2.04	.03	.40	572	1	.01	30	.08	9	ND	ND	ND	ND	5	26	ND	ND	59
5309	.1	1.95	13	ND	95	ND	.30	.4	13	26	13	2.20	.03	.50	363	1	.01	36	.04	5	ND	ND	ND	ND	4	30	ND	ND	59
5310	.1	1.00	8	ND	56	ND	.15	.2	8	8	6	1.51	.02	.19	242	1	.01	12	.05	8	ND	ND	ND	ND	3	17	ND	ND	38
5311	.1	1.97	18	ND	93	ND	.44	.6	14	28	16	2.54	.04	.68	340	1	.01	29	.02	9	ND	ND	ND	ND	6	45	ND	ND	52
5312	.3	3.59	21	ND	135	ND	.80	.8	19	41	32	3.58	.05	1.18	777	2	.01	53	.07	4	ND	ND	ND	ND	6	93	ND	ND	74
5313	.1	2.17	19	ND	131	ND	.43	.5	14	30	23	2.57	.03	.65	366	1	.01	31	.02	6	ND	ND	ND	ND	5	68	ND	ND	55
5314	.1	2.75	27	ND	168	ND	.48	.3	14	30	28	2.88	.03	.75	435	1	.01	35	.03	2	ND	ND	ND	ND	5	82	ND	ND	60
CC 0+00	.2	2.70	20	ND	76	ND	1.22	.6	12	35	30	2.70	.05	.89	531	2	.01	42	.06	3	ND	ND	ND	ND	5	81	ND	ND	54
CC 1+00	.1	2.58	13	ND	123	ND	.32	.4	15	30	16	2.70	.03	.63	368	1	.01	42	.08	7	ND	ND	ND	ND	5	36	ND	ND	135
CC 2+00	.1	2.65	17	ND	129	ND	.36	.4	14	31	18	2.66	.03	.66	405	2	.01	40	.07	5	ND	ND	ND	ND	5	40	ND	ND	119
CC 3+00	.1	1.72	15	ND	71	ND	.32	.3	10	18	29	2.04	.02	.44	239	1	.01	23	.06	9	ND	ND	ND	ND	4	38	ND	ND	59
CC 4+00	.1	1.73	7	ND	93	ND	.40	.4	12	21	18	2.09	.03	.44	575	1	.01	26	.02	7	ND	ND	ND	ND	4	33	ND	ND	59
CC 5+00	.1	3.20	15	ND	116	ND	.70	.6	15	35	24	3.33	.04	.68	648	1	.01	40	.03	4	ND	ND	ND	ND	4	46	ND	ND	71
CC 6+00	.2	2.74	14	ND	117	ND	.40	.8	17	40	23	3.29	.03	.86	302	2	.01	43	.07	7	ND	ND	ND	ND	6	43	ND	ND	95
CC 7+00	.2	2.24	16	ND	94	ND	.36	.8	16	37	22	3.16	.03	.81	335	2	.01	38	.05	8	ND	ND	ND	ND	5	38	ND	ND	73
CC 8+00	.1	2.07	15	ND	146	ND	.34	.6	14	25	16	2.42	.03	.54	745	2	.01	30	.08	8	ND	ND	ND	ND	4	36	ND	ND	97
CC 9+00	.1	1.43	11	ND	113	ND	.30	.5	11	18	13	1.91	.02	.38	631	1	.01	17	.10	6	ND	ND	ND	ND	3	33	ND	ND	64
CC 10+00	.1	2.17	13	ND	84	ND	.38	.6	15	25	16	2.41	.03	.53	622	1	.01	39	.10	7	ND	ND	ND	ND	4	38	ND	ND	85
CC 11+00	.1	2.63	24	ND	89	ND	.46	.6	13	32	21	2.83	.03	.73	267	2	.01	33	.04	6	ND	ND	ND	ND	5	47	ND	ND	54
CC 12+00	.2	3.15	17	ND	95	ND	.43	.5	16	38	20	2.77	.03	.79	299	2	.01	51	.07	2	ND	ND	ND	ND	6	54	ND	ND	113
CC 13+00	.2	2.91	14	ND	137	ND	.34	.4	18	37	22	2.87	.03	.64	300	2	.01	45	.06	5	ND	ND	ND	ND	5	37	ND	ND	107
CC 14+00	.1	3.20	18	ND	151	ND	.35	.6	19	40	24	3.16	.02	.72	345	2	.01	54	.08	4	ND	ND	ND	ND	5	39	ND	ND	122
CC 15+00	.1	2.70	18	ND	50	ND	.68	.4	9	24	18	2.42	.04	.46	230	1	.01	27	.02	1	ND	ND	ND	ND	4	43	ND	ND	50
CC 16+00	.1	1.66	12	ND	100	ND	.29	.6	14	21	13	2.43	.02	.46	796	1	.01	29	.04	8	ND	ND	ND	ND	4	31	ND	ND	65
CC 17+00	.1	1.28	8	ND	82	ND	.25	.4	11	17	10	2.16	.02	.32	525	1	.01	19	.06	9	ND	ND	ND	ND	4	26	ND	ND	67
CC 18+00	.1	2.45	14	ND	115	ND	.30	.5	13	29	15	2.34	.02	.59	265	2	.01	34	.08	8	ND	ND	ND	ND	4	33	ND	ND	90
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1	





# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604) 251-5656 FAX: 254-5717

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

## =====

### GEOCHEMICAL ANALYTICAL REPORT

## =====

CLIENT: OREQUEST CONSULTANTS LTD.  
ADDRESS: 404-595 Howe St.  
: Vancouver, B.C.  
: V6C 2T5

DATE: June 22 1988

REPORT#: 880556 GA  
JOB#: 880556

PROJECT#: LEVELLAND  
SAMPLES ARRIVED: June 14 1988  
REPORT COMPLETED: June 22 1988  
ANALYSED FOR: Au ICP

INVOICE#: 880556 NA  
TOTAL SAMPLES: 104  
SAMPLE TYPE: 104 Soil  
REJECTS: DISCARDED

SAMPLES FROM: Vancouver office.  
COPY SENT TO: All copies sent to Vancouver office.

PREPARED FOR: Mr. George Cavey

ANALYSED BY: VGC Staff

SIGNED: \_\_\_\_\_  


GENERAL REMARK: Invoice sent to Vancouver office.



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604)251-5656 FAX:254-5717

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

REPORT NUMBER: 880556 GA

JOB NUMBER: 880556

OREQUEST CONSULTANTS LTD.

PAGE 1 OF 3

SAMPLE #	Au ppb
R5000	10
R5001	10
R5002	20
R5003	20
R5004	15
R5005	25
R5006	20
R5007	30
R5008	20
R5009	35
R5010	15
R5011	20
R5012	30
R5013	10
R5014	10
R5015	10
RW 0	10
RW 1	5
RW 2	5
RW 3	10
RW 4	10
RW 5	15
RW 6	15
RW 7	10
RW 8	5
RW 9	5
RW 10	15
RW 11	5
RW 12	20
RW 13	20
RW 14	15
RW 15	5
RW 16	5
RW 17	20
RW 18	20
RW 19	10
RW 20	5
RW 21	20
RW 22	10

DETECTION LIMIT 5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604)251-5656 FAX:254-5717

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

REPORT NUMBER: 880556 GA

JOB NUMBER: 880556

OREQUEST CONSULTANTS LTD.

PAGE 2 OF 3

SAMPLE #	Au ppb
RW 23	10
RW 24	10
RW 25	20
RW 26	10
RW 27	nd
RW 28	5
RW 29	5
RW 30	20
RW 31	10
RW 32	15
RW 33	20
RW 34	5
RW 35	10
RW 36	10
RW 37	5
RW 38	10
RW 39	20
RW 40	10
RW 41	5
RW 42	10
RE 0	15
RE 1	35
RE 2	20
RE 3	25
RE 4	5
RE 5	15
RE 6	10
RE 7	10
RE 8	25
RE 9	10
RE 10	5
RE 11	15
RE 12	15
RE 13	15
RE 14	10
RE 15	10
RE 16	15
RE 17	20
RE 18	15

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604) 251-5656 FAX: 254-5717

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

REPORT NUMBER: 880556 6A

JOB NUMBER: 880556

DREQUEST CONSULTANTS LTD.

PAGE 3 OF 3

SAMPLE #	Au ppb
RE 19	10
RE 20	20
RE 21	15
RE 22	20
RE 23	15
RE 24	15
RE 25	15
RE 26	20
RE 27	15
RE 28	15
RE 29	20
RE 30	10
RE 31	20
RE 32	15
RE 33	15
RE 34	20
RE 35	10
RE 36	20
RE 37	20
RE 38	20
RE 39	20
RE 40	10
RE 41	10
RE 42	20
RE 43	15
RE 44	15

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604)251-5656 TELE: 04-352578  
 BRANCH OFFICE: 1630 PANDORA STREET, VANCOUVER B.C. V5L 1L6 PH: (604)251-7282 FAX: (604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR Sr, Mn, Fe, Ca, P, Cr, Mg, Na, Po, Al, Mn, K, N, Pt AND SR. AU AND PD DETECTION IS 3 PPM.  
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, - = NOT ANALYZED

COMPANY: OREGON CONSULTANTS  
 ATTENTION: G CAVEY  
 PROJECT: LEVELLAND

REPORT#: 880556 PA  
 JOB#: 880556  
 INVOICE#: 880556 NA

DATE RECEIVED: 88/06/14  
 DATE COMPLETED: 88/06/20  
 COPY SENT TO:

ANALYST: *[Signature]*

SAMPLE NAME	AS	AL	AS	AU	BA	BI	CA	CO	CR	CU	FE	K	MG	NI	NA	NO	PD	PT	SR	SM	SR	U	W	ZK		
	PPM	%	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	%	%	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM		
R5000	.1	3.28	46	ND	137	ND	.25	1.3	37	34	3.54	.01	.58	295	4	.01	47	.10	ND	ND	5	25	ND	120		
R5001	.1	1.99	23	ND	83	ND	.13	2.4	13	20	2.28	.01	.30	293	2	.01	22	.07	ND	ND	4	16	ND	71		
R5002	.1	3.97	104	ND	180	ND	.25	2.1	23	41	3.80	.01	.70	258	5	.01	60	.03	ND	ND	6	32	ND	86		
R5003	.2	3.56	292	ND	172	ND	.29	1.3	18	42	68	.02	.50	262	5	.01	48	.02	ND	ND	6	35	ND	77		
R5004	.1	3.81	55	ND	105	ND	.29	1.4	28	35	81	4.14	.70	247	20	.01	54	.02	ND	ND	7	33	ND	106		
R5005	.2	2.57	35	ND	134	ND	.28	.9	16	30	2.91	.02	.63	232	4	.01	33	.05	ND	ND	6	35	ND	55		
R5006	.3	3.06	68	ND	178	ND	.32	1.3	21	32	3.26	.02	.65	264	6	.01	41	.06	ND	ND	6	35	ND	72		
R5007	.5	3.88	119	ND	132	ND	.30	.5	24	47	313	4.44	1.05	286	13	.01	54	.02	ND	ND	6	42	ND	65		
R5008	.3	3.40	51	ND	186	ND	.35	1.1	20	43	53	3.39	.84	229	4	.01	60	.10	ND	ND	6	39	ND	60		
R5009	.3	2.85	59	ND	142	ND	.30	.6	17	35	115	3.40	.84	235	7	.01	44	.01	ND	ND	6	35	ND	44		
R5010	.1	1.90	27	ND	115	ND	.26	.3	15	25	2.49	.02	.53	232	3	.01	38	.02	ND	ND	4	26	ND	37		
R5011	.1	2.21	18	ND	121	ND	.21	1.3	18	25	44	2.67	.01	.44	290	4	.01	39	.02	ND	ND	4	30	ND	56	
R5012	.3	3.21	47	ND	178	ND	.38	.9	19	45	92	3.31	.99	344	5	.01	56	.07	ND	ND	6	57	ND	55		
R5013	.1	2.80	23	ND	105	ND	.23	.5	17	28	93	2.92	.62	314	6	.01	42	.05	ND	ND	4	40	ND	50		
R5014	.1	1.55	16	ND	103	ND	.17	.2	12	16	13	2.15	.01	.77	247	1	.01	17	.10	ND	ND	4	22	ND	40	
R5015	.1	4.16	20	ND	170	ND	.33	.4	22	42	25	3.48	.62	295	4	.01	64	.18	ND	ND	5	31	ND	109		
RN 0	.2	3.09	33	ND	164	ND	.48	.6	17	38	35	3.33	.93	508	3	.01	39	.06	ND	ND	7	66	ND	81		
RN 1	.1	1.69	16	ND	91	ND	.22	.2	8	13	14	1.87	.01	.31	258	2	.01	19	.09	ND	ND	4	23	ND	45	
RN 2	.1	.95	5	ND	73	ND	.10	.2	8	10	7	1.62	.01	.19	374	1	.01	11	.06	ND	ND	3	14	ND	33	
RN 3	.1	1.81	12	ND	81	ND	.14	.1	8	14	9	2.07	.01	.24	183	1	.01	17	.15	ND	ND	4	18	ND	31	
RN 4	.2	2.88	27	ND	140	ND	.35	.5	16	38	24	3.28	.70	285	4	.01	43	.07	ND	ND	7	37	ND	69		
RN 5	.1	1.85	13	ND	127	ND	.25	.2	14	21	14	2.10	.39	715	2	.01	28	.08	ND	ND	5	23	ND	79		
RN 6	.2	2.53	94	ND	123	ND	.84	.3	20	35	179	3.76	1.09	674	6	.01	45	.09	ND	ND	5	55	ND	74		
RN 7	.1	1.64	23	ND	99	ND	.21	.2	16	13	16	2.08	.01	.27	404	3	.01	13	.13	ND	ND	4	20	ND	75	
RN 8	.1	2.05	35	ND	81	ND	.22	.3	13	23	27	2.50	.47	274	3	.01	26	.10	ND	ND	5	24	ND	69		
RN 9	.2	2.66	28	ND	148	ND	.35	.4	24	34	26	3.14	.62	562	6	.01	32	.06	ND	ND	5	36	ND	112		
RN 10	.3	3.01	71	ND	129	ND	.30	.4	17	40	31	3.32	.81	271	3	.01	46	.08	ND	ND	5	37	ND	104		
RN 11	.1	1.17	10	ND	59	ND	.17	.1	8	14	10	1.96	.01	.25	172	1	.01	12	.04	ND	ND	4	18	ND	38	
RN 12	.1	3.59	44	ND	134	ND	.29	.4	18	45	23	3.96	.61	80	354	4	.01	44	.07	ND	ND	5	30	ND	99	
RN 13	.1	3.81	46	ND	115	ND	.27	.4	16	43	23	4.01	.01	.75	298	3	.01	49	.17	ND	ND	5	28	ND	116	
RN 14	.1	1.69	17	ND	80	ND	.15	.1	11	15	12	1.96	.01	.25	203	2	.01	14	.08	ND	ND	4	18	ND	42	
RN 15	.1	1.07	3	ND	51	ND	.13	.1	9	6	3	1.50	.01	.12	146	1	.01	3	.11	ND	ND	3	14	ND	26	
RN 16	.1	.90	5	ND	50	ND	.15	.2	6	5	4	1.54	.01	.14	143	1	.01	1	.15	ND	ND	3	14	ND	36	
RN 17	.1	2.85	73	ND	110	ND	.35	.4	20	39	38	3.27	.02	.92	454	3	.01	45	.06	ND	ND	6	47	ND	71	
RN 18	.1	3.22	25	ND	128	ND	.21	.3	19	33	20	3.13	.01	.59	409	4	.01	42	.10	ND	ND	6	29	ND	84	
RN 19	.1	1.05	8	ND	39	ND	.19	.1	5	4	5	1.21	.01	.15	158	1	.01	6	.10	ND	ND	2	14	ND	21	
RN 20	.1	1.22	4	ND	55	ND	.10	.1	7	7	4	1.51	.01	.13	202	1	.01	4	.11	ND	ND	3	11	ND	36	
RN 21	.2	3.47	39	ND	97	ND	1.08	.5	17	80	24	3.95	.05	1.39	691	3	.01	63	.07	ND	ND	6	86	ND	69	
RN 22	.1	2.67	20	ND	56	ND	.50	.4	13	23	26	3.06	.03	.86	348	2	.01	24	.04	ND	ND	4	49	ND	49	
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	2	2	1	5	3	1

SAMPLE NAME	AS PPH	AL PPH	AS PPH	AU PPH	BA PPH	BI PPH	CA PPH	CD PPH	CO PPH	CR PPH	CU PPH	FE PPH	K PPH	MG PPH	MN PPH	MO PPH	NA PPH	NI PPH	P PPH	PB PPH	PD PPH	PT PPH	SB PPH	SK PPH	SR PPH	U PPH	V PPH	ZN PPH
RU 23	.1	3.30	24	ND	182	ND	.38	.6	23	38	21	3.32	.03	.55	858	6	-.01	56	.15	1	ND	ND	ND	5	33	ND	ND	152
RU 24	.1	2.77	47	ND	123	ND	.75	.5	17	37	67	2.92	.04	.73	855	3	-.01	53	.11	1	ND	ND	ND	5	58	ND	ND	73
RU 25	.3	2.17	27	ND	132	ND	.60	.5	16	32	34	2.74	.05	.68	678	3	-.01	42	.05	2	ND	ND	ND	5	59	ND	ND	73
RU 26	.1	2.50	20	ND	146	ND	.40	.4	16	32	25	2.87	.03	.61	465	3	-.01	41	.08	2	ND	ND	ND	3	47	ND	ND	58
RU 27	.1	2.16	11	ND	129	ND	.28	.3	13	25	15	2.40	.02	.38	400	2	-.01	30	.20	2	ND	ND	ND	3	27	ND	ND	109
RU 28	.1	1.00	4	ND	69	ND	.15	.2	9	8	5	1.37	.02	.14	326	1	-.01	8	.20	4	ND	ND	ND	2	16	ND	ND	37
RU 29	.1	1.92	20	ND	177	ND	.48	.5	14	26	22	2.34	.04	.51	1404	3	-.01	34	.08	4	ND	ND	ND	3	44	ND	ND	137
RU 30	.1	.93	23	ND	53	ND	.29	.1	9	13	12	1.79	.03	.24	511	1	-.01	20	.03	4	ND	ND	ND	3	24	ND	ND	53
RU 31	.1	.80	ND	ND	75	ND	.13	.1	8	8	6	1.54	.01	.15	506	1	-.01	10	.03	3	ND	ND	ND	2	13	ND	ND	57
RU 32	.1	.86	ND	ND	40	ND	.11	.2	9	8	6	1.72	.01	.16	253	1	-.01	9	.06	3	ND	ND	ND	2	10	ND	ND	47
RU 33	.1	2.00	17	ND	94	ND	.17	.4	14	13	13	2.45	.01	.40	437	3	-.01	26	.08	3	ND	ND	ND	5	25	ND	ND	56
RU 34	.1	.93	ND	ND	60	ND	.16	.2	8	8	7	1.60	.02	.17	404	1	-.01	10	.14	5	ND	ND	ND	3	14	ND	ND	61
RU 35	.3	2.08	28	ND	114	ND	.39	.6	16	38	26	2.99	.03	.78	273	3	-.01	41	.03	2	ND	ND	ND	6	46	ND	ND	51
RU 36	.4	2.95	44	ND	139	ND	.81	.6	21	48	58	3.91	.06	1.11	517	3	-.01	65	.07	1	ND	ND	ND	6	91	ND	ND	65
RU 37	.1	.86	ND	ND	70	ND	.20	.5	10	9	7	2.56	.02	.16	422	1	-.01	12	.17	7	ND	ND	ND	4	18	ND	ND	53
RU 38	.3	2.47	21	ND	114	ND	.73	.5	16	36	30	3.16	.04	.78	446	3	-.01	38	.04	1	ND	ND	ND	6	66	ND	ND	68
RU 39	.3	2.50	44	ND	76	ND	.97	.6	17	38	42	3.02	.05	1.14	510	3	-.01	44	.07	2	ND	ND	ND	6	86	ND	ND	60
RU 40	.3	2.52	54	ND	65	ND	.93	.6	16	41	39	2.93	.07	1.16	577	3	-.01	46	.07	2	ND	ND	ND	6	80	ND	ND	61
RU 41	.4	2.47	36	ND	76	ND	.91	.5	16	37	28	2.95	.05	1.13	417	3	-.01	44	.08	1	ND	ND	ND	6	82	ND	ND	57
RU 42	.1	2.72	44	ND	94	ND	1.37	.8	16	38	44	3.00	.05	1.16	622	4	-.01	45	.06	3	ND	ND	ND	6	100	ND	ND	60
RE 0	.1	2.22	52	ND	60	3	.81	.5	15	36	37	2.83	.05	1.12	514	4	-.01	48	.07	2	ND	ND	ND	5	71	ND	ND	59
RE 1	.1	2.83	27	ND	98	ND	.38	.5	19	40	21	3.02	.03	.71	625	4	-.01	54	.10	3	ND	ND	ND	5	37	ND	ND	87
RE 2	.1	2.16	29	ND	92	3	.48	.4	14	32	23	2.61	.03	.44	272	3	-.01	42	.04	2	ND	ND	ND	5	47	ND	ND	59
RE 3	.4	3.09	175	ND	124	ND	1.06	.1	21	48	55	3.47	.07	.96	645	7	-.01	51	.02	4	ND	ND	ND	6	99	ND	ND	66
RE 4	.1	1.29	38	ND	70	ND	.28	.3	10	16	12	1.67	.03	.26	557	3	-.01	20	.04	5	ND	ND	ND	3	27	ND	ND	41
RE 5	.1	1.58	133	ND	72	ND	.40	.1	12	19	27	2.06	.04	.35	531	3	-.01	26	.02	5	ND	ND	ND	3	42	ND	ND	34
RE 6	.1	2.54	26	ND	111	ND	.34	.3	17	36	21	2.83	.02	.64	382	3	-.01	46	.10	1	ND	ND	ND	4	36	ND	ND	72
RE 7	.1	1.60	25	ND	71	ND	.46	.4	12	20	24	2.12	.03	.44	221	2	-.01	25	.01	3	ND	ND	ND	4	46	ND	ND	40
RE 8	.3	3.04	123	ND	97	ND	.73	.4	21	51	80	3.83	.06	1.03	461	5	-.01	59	.02	1	ND	ND	ND	6	80	ND	ND	59
RE 9	.1	2.20	40	ND	60	ND	.59	.6	18	40	31	3.07	.04	1.03	461	3	-.01	52	.07	3	ND	ND	ND	5	64	ND	ND	56
RE 10	.1	1.58	115	ND	89	ND	.71	.1	9	18	22	1.58	.05	.35	750	3	-.01	27	.04	3	ND	ND	ND	10	38	ND	ND	44
RE 11	.1	1.62	59	ND	64	3	.60	.3	11	24	19	2.06	.04	.54	434	3	-.01	34	.03	2	ND	ND	ND	3	52	ND	ND	46
RE 12	.1	1.96	136	ND	63	3	.56	.1	12	28	19	2.34	.03	.64	247	3	-.01	34	.02	2	ND	ND	ND	4	60	ND	ND	42
RE 13	.3	2.88	37	ND	110	ND	.45	.4	17	38	26	3.12	.03	.81	274	3	-.01	46	.07	4	ND	ND	ND	5	50	ND	ND	74
RE 14	.1	1.43	13	ND	67	3	.20	.3	11	14	11	1.82	.02	.26	517	2	-.01	14	.15	4	ND	ND	ND	3	20	ND	ND	58
RE 15	.1	1.45	44	ND	224	3	.66	.3	12	17	22	1.63	.05	.40	908	4	-.01	30	.04	4	ND	ND	ND	3	63	ND	ND	80
RE 16	.1	2.04	36	ND	70	3	.30	.4	12	28	19	2.54	.02	.52	190	3	-.01	30	.05	5	ND	ND	ND	5	36	ND	ND	52
RE 17	.3	2.61	31	ND	62	3	1.31	.6	17	41	32	3.16	.06	1.02	800	3	-.01	46	.08	4	ND	ND	ND	5	123	ND	ND	64
RE 18	.1	2.84	26	ND	53	3	.86	.6	14	37	26	3.02	.04	1.01	301	4	-.01	38	.05	2	ND	ND	ND	6	78	ND	ND	57
DETECTION LIMIT	.1	.01	3	3	3	1	.01	.1	1	1	1	.01	.01	.01	.01	1	-.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG	AL	AS	AU	BA	BI	CA	CB	CO	CK	CU	FE	K	MG	MN	MO	MA	NI	P	PB	PD	PT	SB	SK	SR	U	M	ZK
	PPM	Z	PPM	PPM	PPM	PPM	Z	PPM	PPM	PPM	PPM	Z	Z	PPM	PPM	PPM	Z	Z	Z	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
RE 19	.1	3.38	22	ND	84	ND	.34	.5	16	37	18	3.18	.02	.64	452	3	.01	42	.16	3	ND	ND	ND	4	29	ND	ND	111
RE 20	.1	1.84	15	ND	56	ND	.63	.2	9	22	12	2.17	.02	.44	166	2	.01	22	.03	4	ND	ND	ND	3	51	ND	ND	30
RE 21	.1	.83	ND	ND	72	ND	.13	.1	6	14	10	1.59	.01	.15	395	1	.01	11	.05	5	ND	ND	ND	2	16	ND	ND	39
RE 22	.1	.99	ND	ND	70	ND	.53	.3	7	14	12	1.44	.02	.28	1109	1	.01	23	.02	4	ND	ND	ND	2	46	ND	ND	53
RE 23	.1	.85	ND	ND	83	ND	.56	.3	7	14	13	1.54	.02	.21	829	1	.01	14	.03	4	ND	ND	ND	2	49	ND	ND	54
RE 24	.1	1.58	ND	ND	94	ND	.37	.3	12	25	17	2.40	.03	.50	408	1	.01	22	.01	3	ND	ND	ND	3	53	ND	ND	32
RE 25	.1	1.43	ND	ND	79	ND	.30	.3	10	22	12	2.17	.02	.35	368	1	.01	19	.03	4	ND	ND	ND	3	33	ND	ND	42
RE 26	.2	2.03	11	ND	83	ND	.44	.3	14	41	24	3.07	.03	.71	271	2	.01	33	.01	2	ND	ND	ND	6	64	ND	ND	38
RE 27	.1	2.34	20	ND	101	ND	.59	.4	18	35	37	3.21	.05	.98	495	2	.01	50	.03	3	ND	ND	ND	5	78	ND	ND	45
RE 28	.1	1.05	ND	ND	69	ND	.16	.1	8	15	8	1.62	.01	.27	317	1	.01	13	.01	3	ND	ND	ND	2	20	ND	ND	37
RE 29	.1	2.05	12	ND	97	ND	.58	.3	15	34	25	2.96	.03	.73	385	2	.01	30	.03	2	ND	ND	ND	4	70	ND	ND	42
RE 30	.1	2.57	28	ND	114	ND	.72	.4	19	40	39	3.37	.05	1.00	563	2	.01	50	.03	3	ND	ND	ND	5	78	ND	ND	52
RE 31	.2	2.80	45	ND	125	ND	1.36	.4	20	36	55	3.57	.06	1.20	707	2	.01	52	.07	3	ND	ND	ND	5	115	ND	ND	64
RE 32	.1	2.47	35	ND	103	ND	.73	.5	17	39	46	3.52	.04	1.20	478	2	.01	54	.07	5	ND	ND	ND	5	92	ND	ND	57
RE 33	.1	2.09	9	ND	92	ND	.29	.2	13	30	17	2.55	.02	.52	262	2	.01	29	.09	1	ND	ND	ND	4	34	ND	ND	74
RE 34	.2	2.20	14	ND	106	ND	.40	.4	15	36	19	2.86	.04	.72	502	2	.01	34	.03	2	ND	ND	ND	5	49	ND	ND	70
RE 35	.1	1.45	ND	ND	104	ND	.28	.1	9	17	9	1.76	.02	.36	587	1	.01	18	.08	4	ND	ND	ND	2	31	ND	ND	75
RE 36	.1	2.21	18	ND	86	ND	.37	.3	15	38	23	2.80	.02	.76	358	2	.01	51	.04	2	ND	ND	ND	4	39	ND	ND	57
RE 37	.1	.94	ND	ND	71	ND	.13	.1	6	8	5	1.23	.01	.18	473	1	.01	10	.07	4	ND	ND	ND	1	15	ND	ND	52
RE 38	.1	1.87	14	ND	85	ND	.27	.2	11	26	16	2.25	.01	.56	689	2	.01	37	.06	1	ND	ND	ND	3	27	ND	ND	76
RE 39	.1	2.37	36	ND	81	ND	.56	.3	13	36	33	2.80	.03	.92	735	4	.01	44	.06	3	ND	ND	ND	3	51	ND	ND	75
RE 40	.1	2.61	23	ND	145	ND	.34	.1	15	34	20	2.83	.02	.61	571	3	.01	41	.17	4	ND	ND	ND	4	31	ND	ND	139
RE 41	.1	.92	ND	ND	83	ND	.15	.1	7	8	5	1.44	.01	.17	447	1	.01	11	.12	6	ND	ND	ND	1	15	ND	ND	74
RE 42	.1	2.24	29	ND	73	ND	.46	.3	16	43	30	3.17	.02	.99	327	2	.01	57	.07	2	ND	ND	ND	4	48	ND	ND	53
RE 43	.1	1.97	16	ND	79	ND	.26	.3	12	27	18	2.41	.01	.53	501	2	.01	35	.10	3	ND	ND	ND	3	27	ND	ND	74
RE 44	.1	2.78	36	ND	97	ND	.42	.4	17	38	33	3.16	.02	.83	309	3	.01	43	.07	4	ND	ND	ND	5	49	ND	ND	64
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	.01	1	.01	1	.01	2	3	5	2	2	1	5	3	1

APPENDIX 4  
STREAM SEDIMENT SAMPLE RESULTS



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604)251-5656 FAX:254-5717

BRANCH OFFICE  
1630 PANDORA ST  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

## ===== GEOCHEMICAL ANALYTICAL REPORT =====

CLIENT: DREQUEST CONSULTANTS LTD.  
ADDRESS: 404-595 Howe St.  
: Vancouver, B.C.  
: V6C 2T5

DATE: June 16 1988

REPORT#: 880554 GA  
JOB#: 880554

PROJECT#: LEVELLAND  
SAMPLES ARRIVED: June 14 1988  
REPORT COMPLETED: June 16 1988  
ANALYSED FOR: Au ICP

INVOICE#: 880554 NA  
TOTAL SAMPLES: 10  
SAMPLE TYPE: 10 STREAM SEDS.  
REJECTS: SAVED

SAMPLES FROM: Vancouver office  
COPY SENT TO: Vancouver office

PREPARED FOR: Mr. Peter Friz

ANALYSED BY: VGC Staff

SIGNED: \_\_\_\_\_  


GENERAL REMARK: Invoice sent to Vancouver office.



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1J5  
(604) 251-5656 FAX: 254-5717

BRANCH OFFICE  
1630 PANDORA ST  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

REPORT NUMBER: 880554 GA

JOB NUMBER: 880554

OREQUEST CONSULTANTS LTD.

PAGE 1 OF 1

SAMPLE #	Au ppb
RR 1	30
RR 2	20
RR 3	5
RR 4	35
RR 5	10
RR 6	10
RR 7	15
RR 8	10
RR 9	10
RR10	10

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604) 251-5656 TELE: 04-352578  
 BRANCH OFFICE: 1630 PANDORA STREET, VANCOUVER B.C. V5L 1L6 PH: (604) 251-7282 FAX: (604) 254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR SB, NI, FE, CA, P, CR, NI, RA, P, AL, NA, K, N, PT AND SR. AU AND PD DETECTION IS 3 PPM.  
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: OREGON CONSULTANTS  
 ATTENTION: B CAVEY  
 PROJECT: LEVELLAND

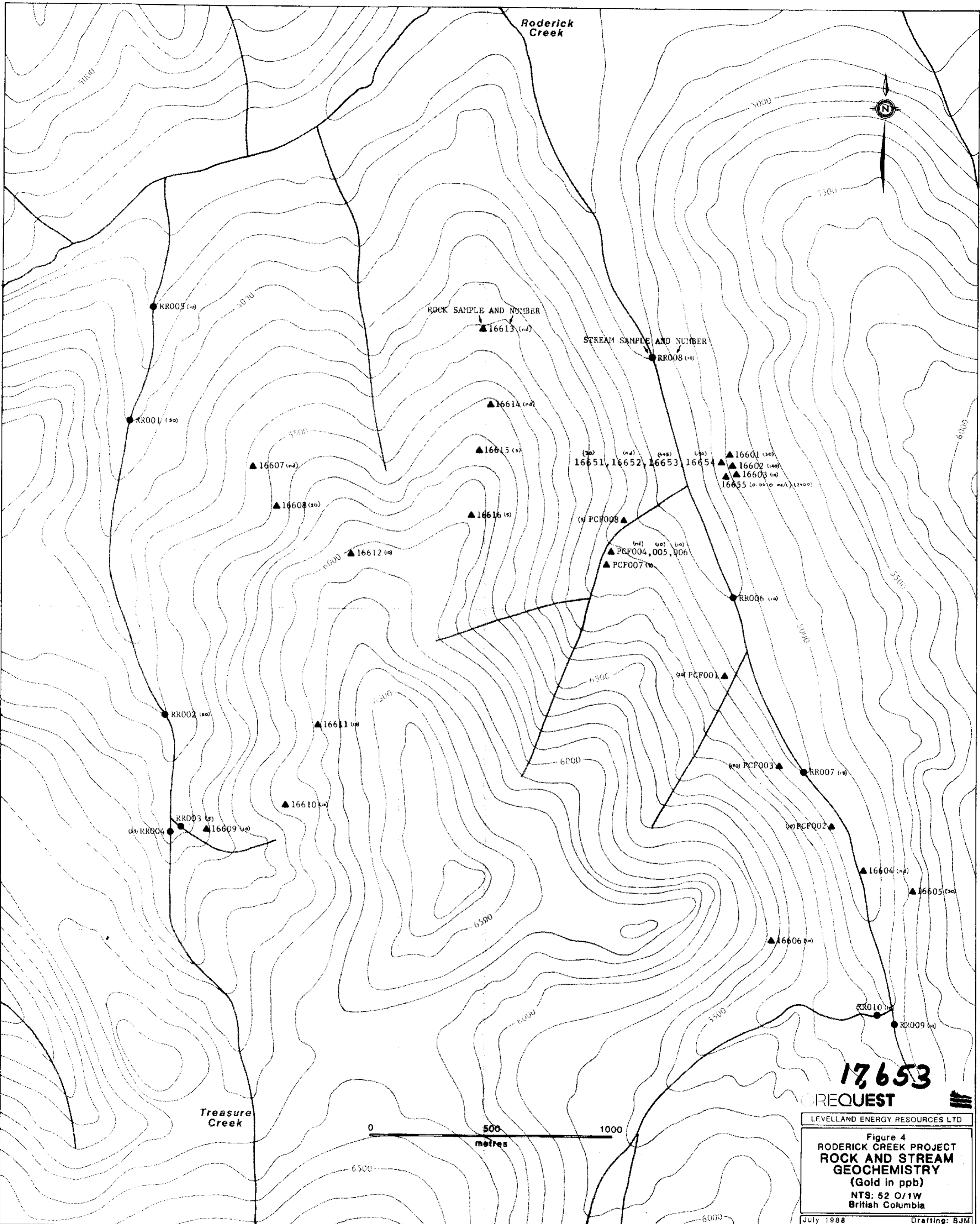
REPORT#: 880554 PA  
 JOB#: 880554  
 INVOICE#: 880554 NA

DATE RECEIVED: 88/06/14  
 DATE COMPLETED: 88/06/17  
 ANALYST: *WJG*

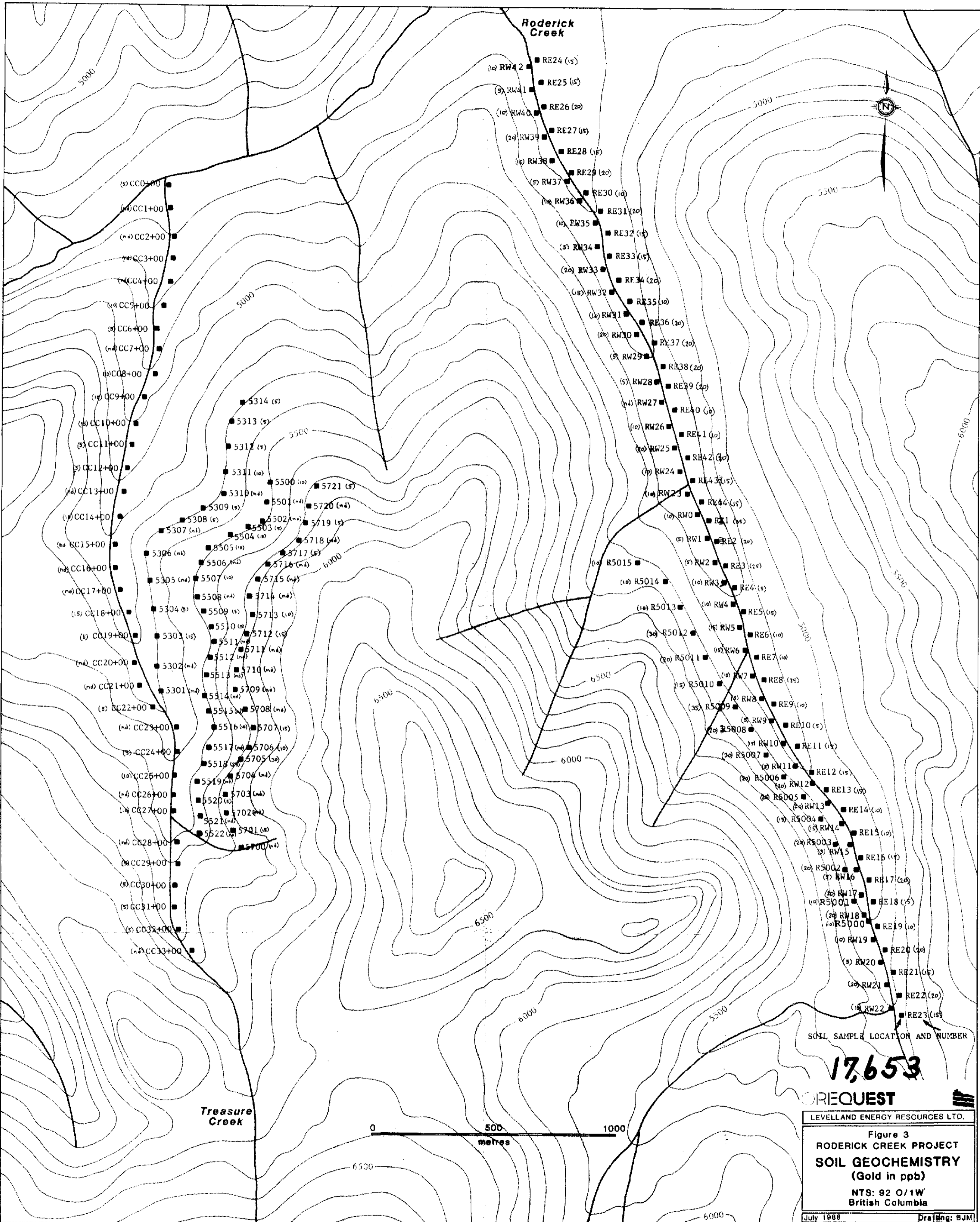
PAGE 1 OF 1

SAMPLE NAME	AS	AU	BA	BI	CA	CB	CD	CE	CU	FE	K	NI	NA	NO	NI	P	PD	PB	PT	SB	SK	SR	U	V	ZN
RE 1	.4	18	46	ND	.72	.7	15	75	29	3.18	.03	1.08	653	1	.01	.04	5	ND	ND	ND	6	54	ND	ND	63
RE 2	.4	20	38	ND	.67	.5	15	57	24	3.06	.04	1.03	616	2	.01	.04	4	ND	ND	ND	6	58	ND	ND	59
RE 3	.4	15	34	ND	.80	.6	15	98	16	2.94	.04	.74	560	3	.01	.18	5	ND	ND	ND	6	49	ND	ND	58
RE 4	.4	23	44	ND	.72	.7	16	58	27	3.20	.03	1.18	672	1	.01	.27	3	ND	ND	ND	7	54	ND	ND	66
RE 5	.3	24	44	ND	.69	.6	15	60	24	2.80	.04	1.03	609	1	.01	.22	4	ND	ND	ND	6	53	ND	ND	57
RE 6	.1	43	43	ND	.70	.6	16	72	32	3.12	.03	1.22	596	3	.01	.30	2	ND	ND	ND	6	54	ND	ND	57
RE 7	.1	32	40	ND	.68	.8	14	53	24	2.72	.03	1.11	560	2	.01	.28	2	ND	ND	ND	5	59	ND	ND	54
RE 8	.1	40	44	ND	.64	.6	14	79	29	2.77	.04	1.06	521	4	.01	.24	2	ND	ND	ND	5	52	ND	ND	52
RE 9	.3	26	41	ND	.75	.7	16	68	26	3.00	.04	1.47	616	1	.01	.56	2	ND	ND	ND	6	57	ND	ND	58
RE 10	.1	19	36	ND	.64	.6	14	58	20	2.86	.03	1.10	589	1	.01	.17	1	ND	ND	ND	5	50	ND	ND	55

DETECTION LIMIT .1 .01 .3 1 3 .01 .1 1 1 1 .01 .01 .01 1 1 .01 1 .01 2 3 5 2 2 1 5 3 1







SOIL SAMPLE LOCATION AND NUMBER

17,653

**OREQUEST**  
 LEVELLAND ENERGY RESOURCES LTD.

Figure 3  
 RODERICK CREEK PROJECT  
 SOIL GEOCHEMISTRY  
 (Gold in ppb)  
 NTS: 92 O/1W  
 British Columbia  
 July 1988 Drafting: BJM