LOG NO: 0419
ACTION:
FILE NO:

REPORT
on the
TIDEWATER PROPERTY
SKEENA MINING DIVISION
BRITISH COLUMBIA
for
RICHMARK RESOURCES LTD.

FILMED

LATITUDE 55° 8'N
LONGITUDE 129° 4'W
NTS 103P/5E

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,285

J.L. LeBel, P.Eng.
E.O. McCrossan, Geologist
February 15, 1988

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SUMMARY

The Tidewater Property which is under option to Richmark Resources Ltd. is located at the head of Alice Arm on the north coast of British Columbia. Richmark Resources Ltd. can earn a 100% interest in the prooperty subject to a 2% Net Smelter Return to its vendor Richard Dunn, who staked the property in 1977.

A Phase I exploration program was performed on the Tidewater claim group by OreQuest Consultants Ltd. during July, August, and October of 1987. These efforts focussed on the previously untested precious metal potential of the property and included soil sampling, prospecting, trenching and pitting. The core of diamond drill holes completed by Amax in 1979 and 1980 and two old adits on the property were also resampled.

Gold values ranging from 0.04 oz/t to 0.28 oz/t and silver values as high as 254 oz/t were obtained from northwesterly or northerly trending quartz veins and silicified shears. These structures appeared to be unrelated to the northeasterly trending quartz vein system that was mined for molybdenum in the early 1900's.

A Phase II program consisting of trenching followed by diamond drilling at an estimated cost of $100,000 is recommended for the property.

INTRODUCTION

This report presents the results of exploration carried out on the Tidewater Property located at the head of Alice Arm (Observatory Inlet) along the north coast of British Columbia.

The program was designed to evaluate the gold potential of the property which was essentially ignored by previous operators who were primarily interested in the molybdenum on the property.

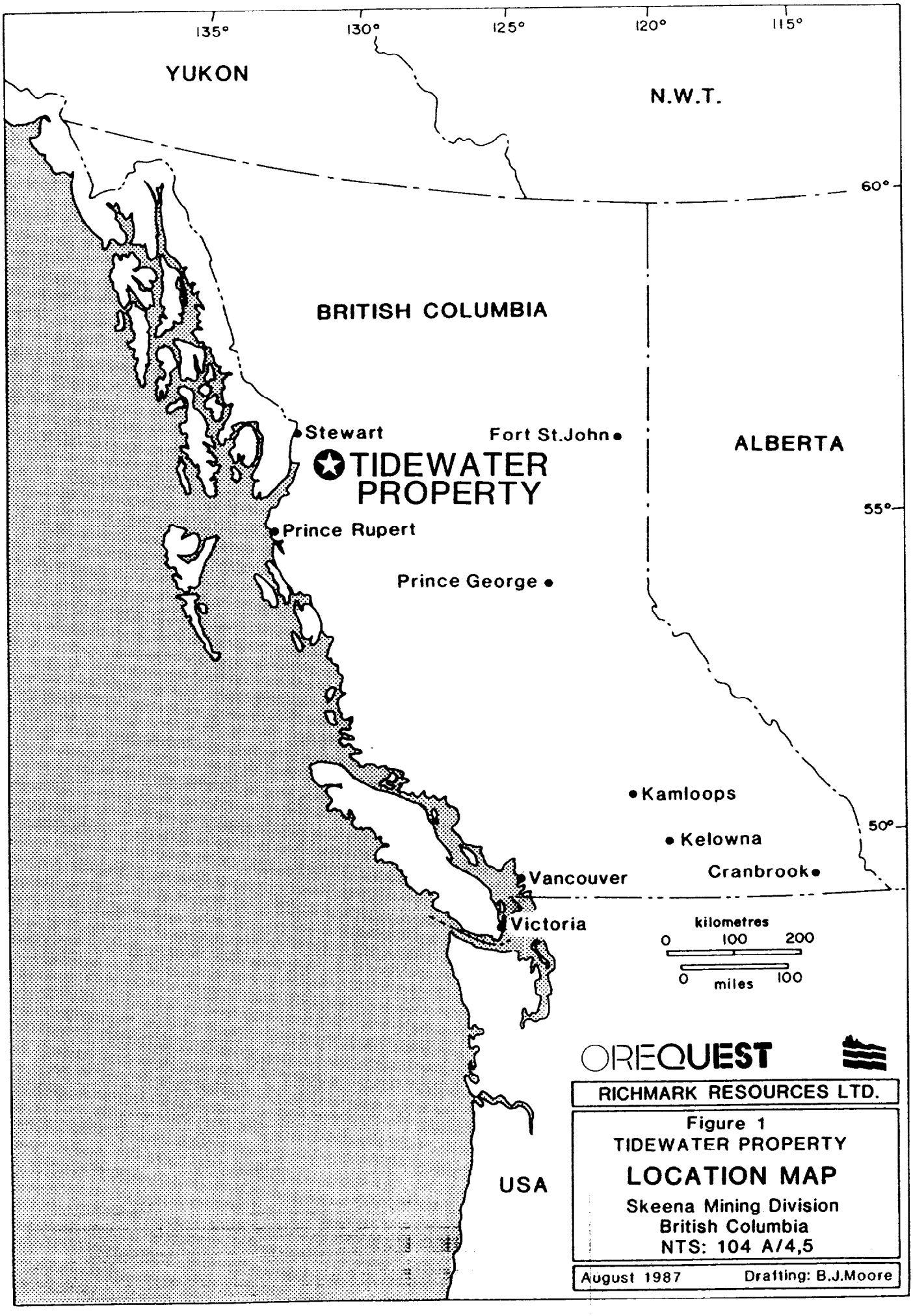
The work was done by OreQuest Consultants Ltd. during July, August and October 1987. It consisted of soil sampling, prospecting, trenching and resampling of existing diamond drill core and 2 old adits.

LOCATION AND ACCESS

The Tidewater Property is located on Alice Arm at the head of Observatory Inlet on the north coast of British Columbia about 140 km north of Prince Rupert on NTS map 103 P 5 at latitude 55°28'N and longitude 129°34'W (Fig. 1).

The coastal village of Alice Arm is 4 km northeast of the property and Kitsault Mine, site owned by Amax of Canada, is 4 km southeast of the property.

Access to the property is via float plane to Kitsault then via helicopter or boat to the property. Road access to Kitsault from the Stewart Cassiar Highway (37) is also possible but permission to use the Kitsault Mine portion of the road must be obtained from AMAX and an appointment to open a gate must be made with the caretaker at Kitsault.


135°
130°
125°
120°
115°
YUKON
N.W.T.
60°
BRITISH COLUMBIA
Stewart
Fort St.John
ALBERTA
TIDEWATER PROPERTY
55°
Prince Rupert
Prince George
Kamloops
50°
Kelowna
Vancouver
Cranbrook
Victoria
kilometres
0 100 200
0 miles 100
USA
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RICHMARK RESOURCES LTD.
Figure 1
TIDEWATER PROPERTY
LOCATION MAP
Skeena Mining Division
British Columbia
NTS: 104 A/4,5
August 1987
Drafting: B.J.Moore

CLAIM STATUS

The Tidewater Property is composed of 3 claims and 2 reverted crown grants which encompass a nominal area of 400 hectares (Fig. 2). The claims are situated in the Skeena Mining Division on NTS map 103 P 5 at latitude 55°28'N and longitude 129°34'W. Status of the claims is as follows.

Claim Name	Record No.	No. of Units	Area (ha)	Anniversary Date
Tide 3	1299	12	300	April 18, 1988
Tide	395	4	100	July 20, 1988
Tide 2	396	1	25	July 20, 1988
Molybdenum	374	1	25	June 28, 1988
Success	375	1	25	June 28, 1988

The claims are owned by Richard Dunn who under an option agreement has granted Richmark Resources Ltd. the role as exclusive optionee to earn a 100% interest in the property subject to a 2% Net Smelter Return.

PHYSIOGRAPHY AND VEGETATION

Topography on the property is moderate to steep with elevations ranging from sea level to about 2,500 ft. The slopes are deeply incised by a series of precipitous creek canyons.

Vegetation is typical of the Coast Range Mountains and consists of mature stands of spruce and fir at lower elevations. Yellow cedar and alpine fir with tangled undergowth of alder and huckleberry occur at higher elevations.

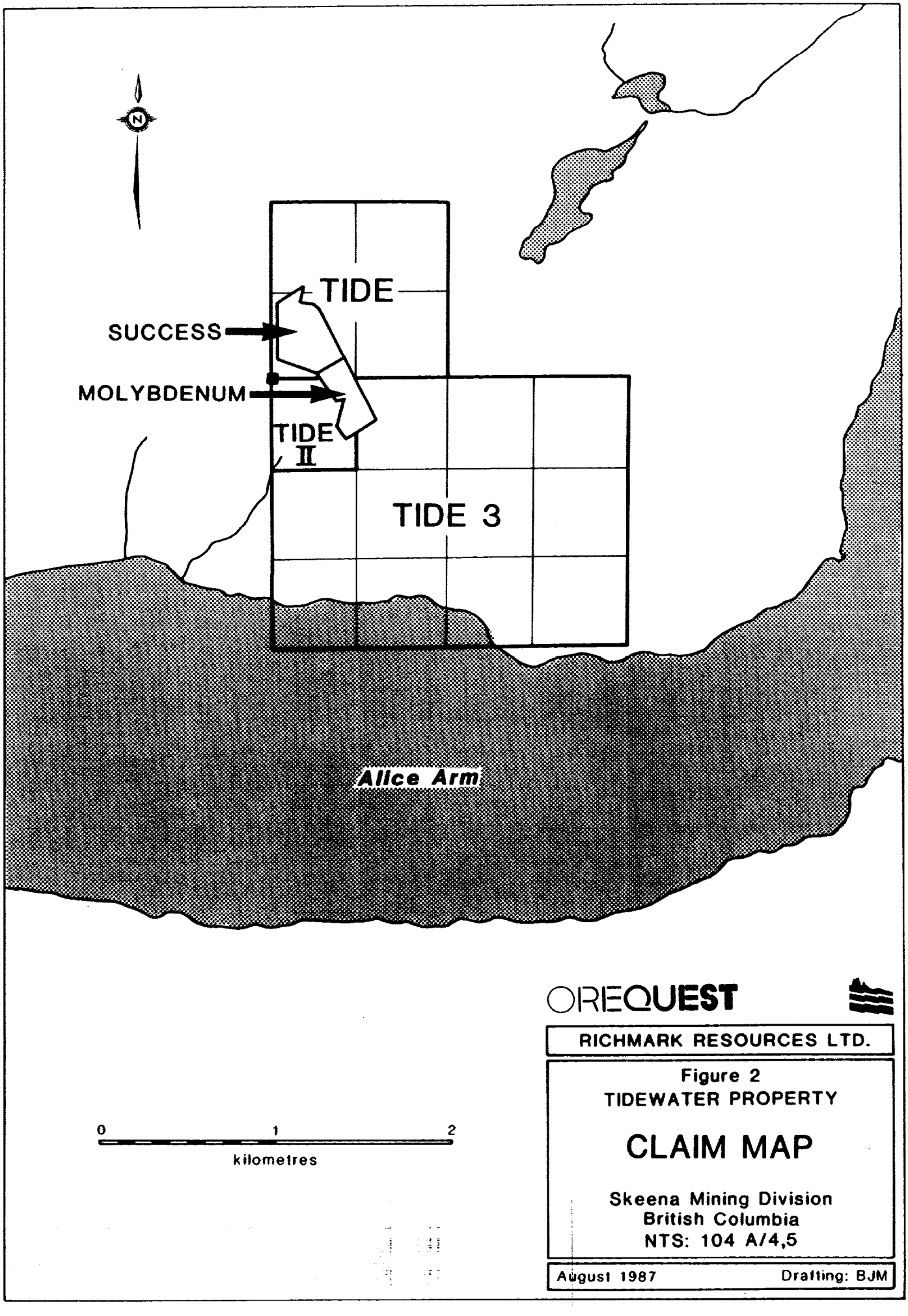

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Figure 2
TIDEWATER PROPERTY

CLAIM MAP

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British Columbia
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REGIONAL GEOLOGY AND MINERALIZATION

The Alice Arm area is at the south end of the Stewart Complex (Grove, 1972, 1986). The area is underlain by the Jurassic, Hazelton Group metasediments and metavolcanics which are intruded by the Coast Range plutonic complex (Fig. 3). In addition to the Coast Range intrusives, a number of other stocks and dykes which range in composition intrude the Hazelton Group. These include the Tidewater stock on the property and the other Alice Arm type intrusions in the area. The youngest rocks in the area are Pleistocene plateau basalts found just east of Alice Arm.

In the immediate vicinity of Alice Arm, the Alice arm type intrusions, including the Tidewater stock, host molybdenum mineralization. The other stocks in the area that host molybdenum mineralization are Roundy Creek, Ajax, Bell Molybdenum and Lime Creek (Kitsault). The Kitsault deposit was developed and operated unsuccessfully by B.C. Moly and later with an equal lack of success by AMAX of Canada.

Base metals and precious metals were produced from volcanogenic massive sulphides in a roof pendant of Hazelton Group in the Coast Range plutonic complex at Anyox about 20 km west of the Tidewater Property. While in operation between 1914 and 1938, Anyox produced 22.4 million tonnes grading about 1.5% Cu, 10 g/tonne Ag and 1.5 g/tonne Au.

Base and precious metals were also produced to the north at Stewart from numerous deposits. The Stewart area has experienced a recent renewal in gold exploration and development with Westmin Resources Ltd. developing its

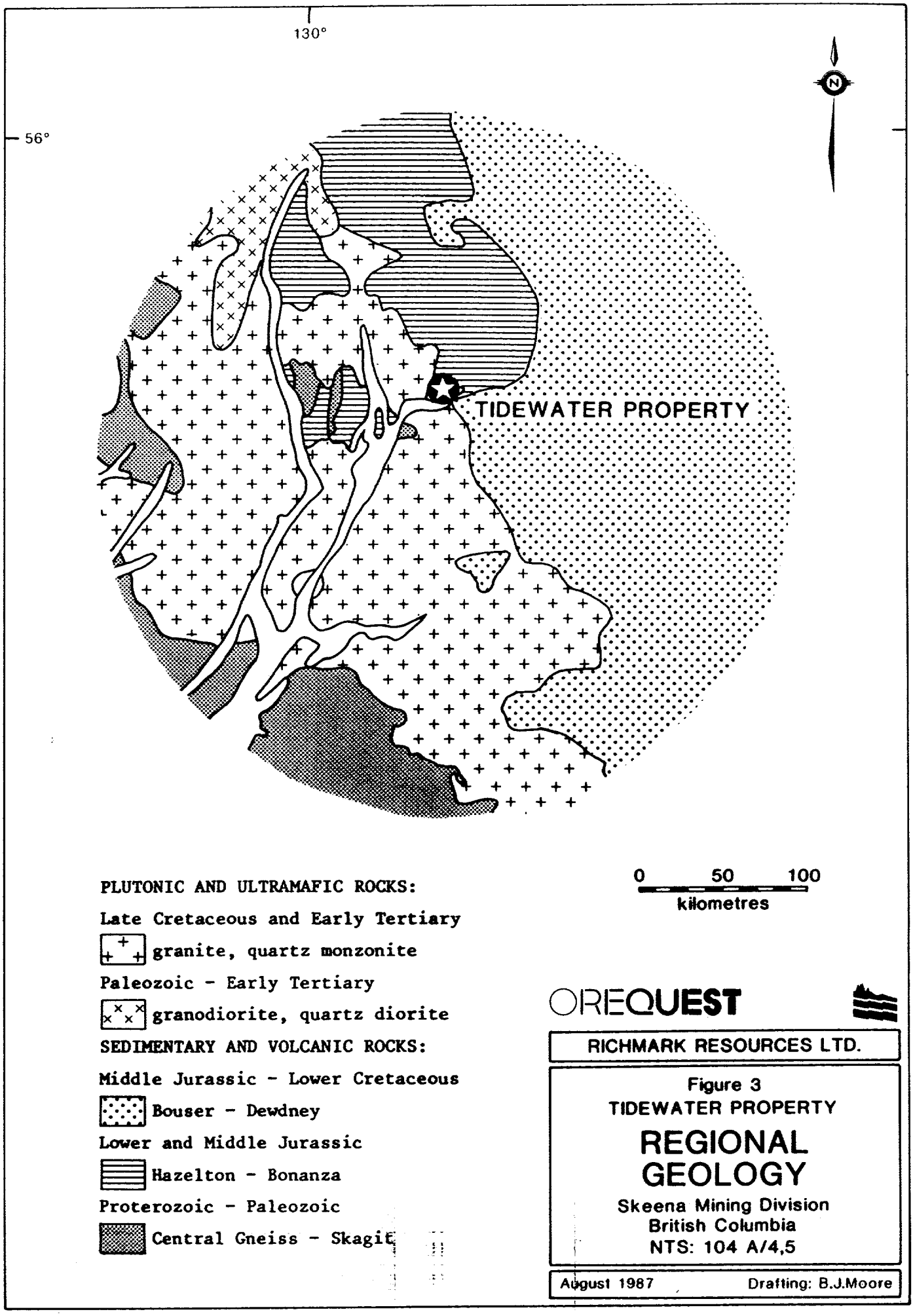
130°
56°
N
TIDEWATER PROPERTY
0 50 100
kilometres
PLUTONIC AND ULTRAMAFIC ROCKS:
Late Cretaceous and Early Tertiary
granite, quartz monzonite
Paleozoic - Early Tertiary
granodiorite, quartz diorite
SEDIMENTARY AND VOLCANIC ROCKS:
Middle Jurassic - Lower Cretaceous
Bouser - Dewdney
Lower and Middle Jurassic
Hazelton - Bonanza
Proterozoic - Paleozoic
Central Gneiss - Skagit
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Figure 3
TIDEWATER PROPERTY
REGIONAL GEOLOGY
Skeena Mining Division
British Columbia
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August 1987
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Silbak-Premier and Big Missouri properties and Newhawk Gold Mines Ltd. its Sulphurets project and Skyline Exploration Ltd. its Johnny Mtn. property.

HISTORY and PREVIOUS WORK

The Tidewater Property was first explored in 1916 when the 363 m level adit was driven and 383 tons of ore grading 1.63% MoS_2 were mined from a high grade quartz vein (Allen and LeBel, 1979).

In 1931, Dalhousie Mining Co. constructed a 100 ton mill on the beach and an aerial tramway to the workings and drove the 330 m level adit (Allen and LeBel, 1979). About 2700 tons of MoS_2 ore obtained from the highgrade quartz vein was processed.

In 1964, Canex Aerial Exploration (now Placer Development) carried out 547 m of underground diamond drilling in the 330 m level adit (Thompson, 1964). In 1965, Canex did 291 m of surface diamond drilling in 5 holes in the Tidewater stock.

The property was staked by its present owner, Richard Dunn, in 1977.

In 1979, AMAX of Canada Ltd. optioned the property and carried out linecutting, geological mapping, soil and rock geochemistry, magnetic and induced polarization geophysical surveys and 796 m of diamond drilling in 3 holes. The purpose of this work was to define the extent and grade of the MoS_2 mineralization on the property (Allen and LeBel, 1979).

In 1980, AMAX of Canada Ltd. drilled another 784 m in 5 holes to further define the extent and grade of the MoS_2 mineralization on the property (Allen and McCarter, 1980).

The cost of the most recent work on the property by AMAX of Canada in 1979 and 1980 is estimated at $286,000 (Boyd, 1987).

In 1980, AMAX of Canada terminated its option because of a combination of low grades, low tonnage and low MoS_2 prices, and returned the property to Richard Dunn.

In 1981, AMAX of Canada Ltd., re-assayed selected samples of core for gold. One sample (#61007) returned 0.420 oz/t Au and 1.36 oz/t Ag but the exact location of the sample was uncertain (Sellmer, 1981).

In 1987, Richmark Resources Ltd. carried out the exploration program discussed in this report to follow-up gold anomalies obtained after re-assaying the pulps from the 1979 and 1980 drill core and selected number of 1979 soil samples.

PROPERTY GEOLOGY and MINERALIZATION

The property is underlain primarily by Hazelton Group sedimentary rocks of Jurassic Age which consist of argillite, siltstone, fine grained sandstone, lesser greywacke, and tuffs (Fig. 4). The sediments contain fine grained, disseminated, syngenetic pyrite and bedding attitudes generally strike west - northwest and dip to the north. The sediments have been hornfelsed around the

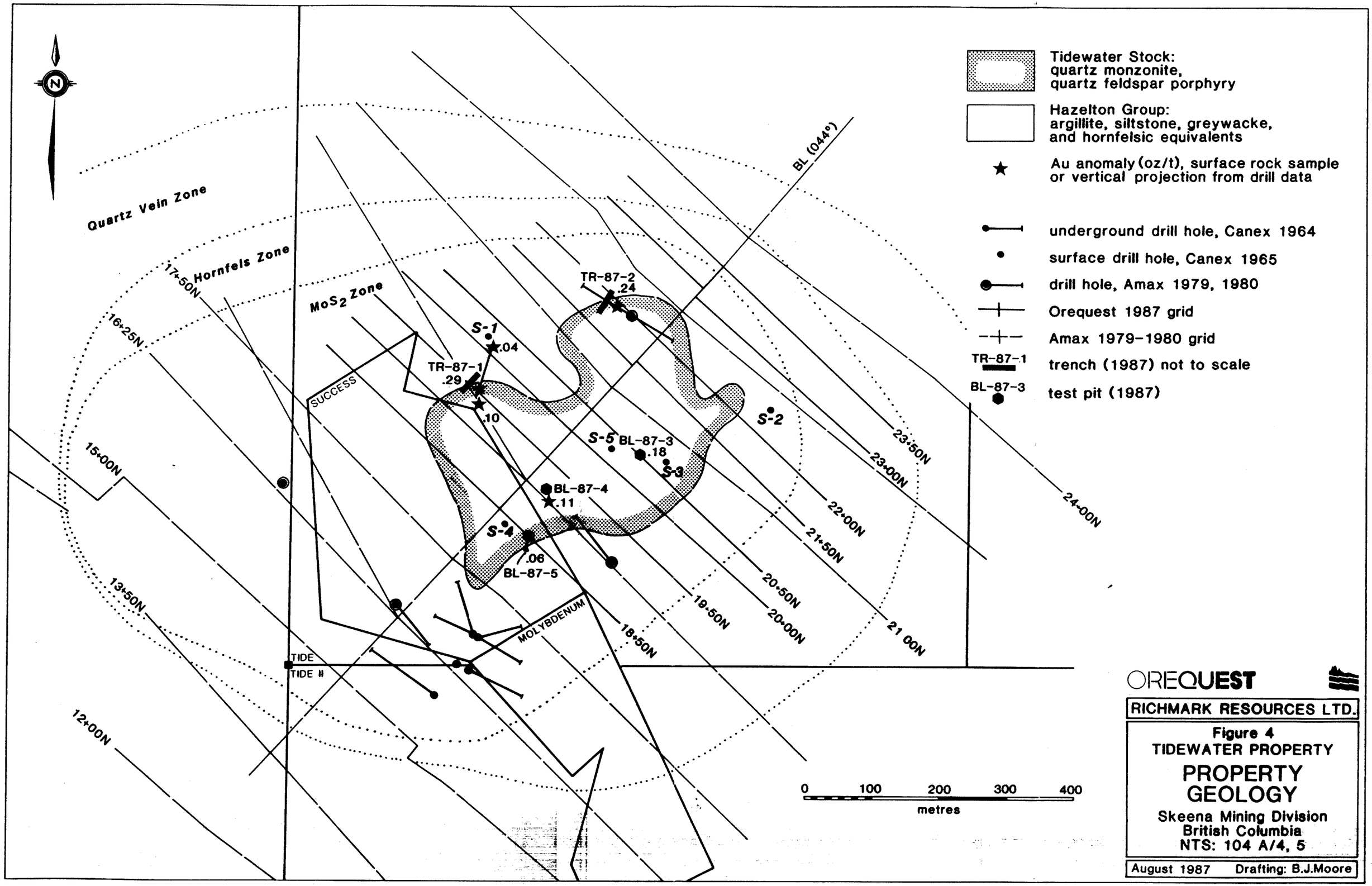

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Figure 4
TIDEWATER PROPERTY

PROPERTY GEOLOGY

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British Columbia
NTS: 104 A/4, 5

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Tidewater stock.

The Tidewater stock is located in the north central portion of the claim group and is quartz monzonite or granite in composition. Texturally, it varies between a quartz feldspar porphyry and a medium grained, hypidiomorphic plutonic rock. It measures 250 m by 400 m and its long axis trends approximately northeast.

The Tidewater Stock is probably Late Cretaceous or Early Tertiary in age. It is a relatively acid intrusive or plug emplaced during the later developmental stages of the Coast Range Crystalline Complex. Its emplacement along the eastern border of the complex is structurally controlled by the northeast trending fault and fracture system that opened during the intrusion of the Coast Range batholith.

The major quartz - molybdenite vein system mined in the early 1900's for molybdenum, and located at the southern contact of the Tidewater stock, also follows the same northeasterly structural trend. These quartz veins attain thicknesses of twenty metres and extended for 300 metres along strike where they terminate at the Tidewater stock contact. Molybdenite occurrs primarily as 1 - 2 mm concordant sheets within the quartz veins. Sheet density varied between 1/1 cm to 1/10 cm within the ore grade material. Several samples taken of the quartz - molybdenite veins were devoid of precious metals when assayed.

A variety of dykes ranging from basalt to felsite in composition occur on the property. They are oriented in northeasterly or northwesterly directions.

Basalt and andesite dykes usually strike NE and cross-cutting relationships indicated that they postdate the Tidewater stock.

Felsic and porphyritic granodiorite dykes, as well as, the base - precious metal quartz veins usually have northwest orientations. The age of these structures is uncertain but one cross-cutting relationship to the southwest of the claim group suggests that they post-date the mafic dykes.

The base - precious metal quartz veins sampled at test pits BL-87-3, 4 and 5 (as discussed below) occur within the Tidewater stock along NW to NNE trends. They post-date the stock and appear to be genetically unrelated to the major quartz - molybdenite system.

The relative ages of the various formations on the property are illustrated in Table 1.

TABLE 1

Relative Ages of Lithological Units and Veins

Acidic Dykes

Base - Precious Metal Quartz Veins

Basic Dykes

Tidewater Stock

Quartz - Molybdenite System

Hazelton Group

GEOCHEMISTRY

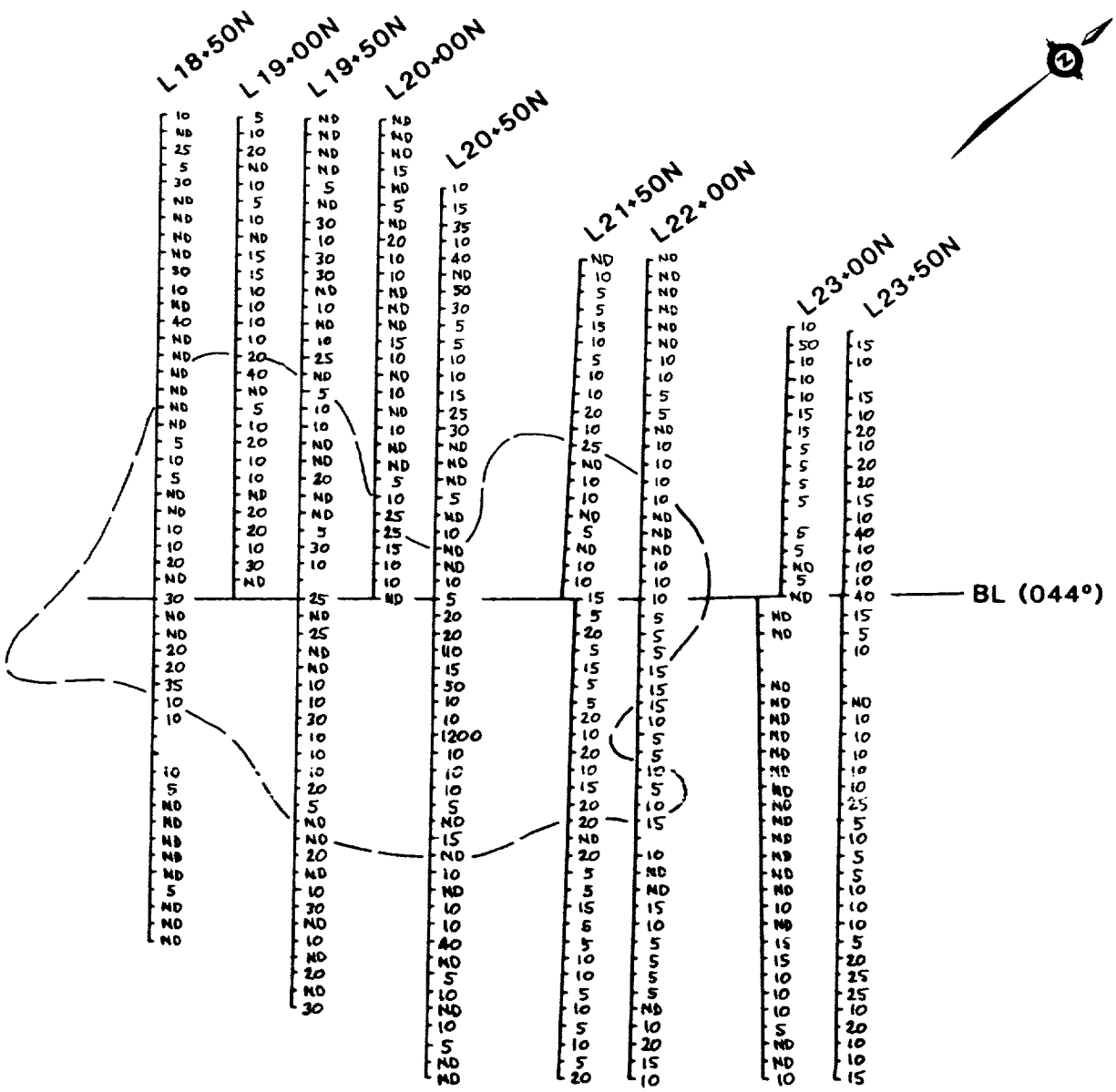
Soil samples were taken every 12.5 metres along grid lines spaced 50 metres apart. A total of 392 samples were collected. When the B soil horizon was not available then a deep A horizon, or humus, sample was taken. The analytical results are presented in Appendix I and the gold silver and lead values are illustrated on Figures 6a, 6b 6c respectively.

Three soil locations are anomalous in Au, Ag, or Pb. Sample 20+50N, 1+00E contains 1,200 ppb Au, greater than 100 ppm Ag, and 14,803 ppm Pb. Sample 19+50N, 0+87.5E has 30 ppb Au, 11.7 ppm Ag, and 1,592 ppm Pb. Location 18+50N, 0+62.5E carries 35 ppb Au, 36.2 ppm Ag, and 1,454 ppm Pb.

A total of 202 rock samples, the locations of which are shown on Figure 5, were collected during the 1987 program. Sampling consisted of (a) resampling the Amax TW-79-2, TW-79-3, TW-80-5 and TW-80-6 diamond drill cores; (b) sampling the 1916 (363 metre level) and the 1931 (330 metre level) adits; (c) prospecting the Tidewater stock and creeks peripheral to it; and (d) sampling trenches and test pits.

The rock sampling program was successful in delineating three new areas adjacent to or within the Tidewater stock that were anomalous for gold.

Besides the known anomalies of 0.1 oz/t Au in DDH TW-79-2 (155 metres) and 0.24 oz/t Au in DDH TW-80-6 (25 metres) (Allen and LeBel, 1979; Allen and McCarter, 1980), DDH TW-79-3 was also found to contain good gold values of 0.29 oz/t (at 14.6 metres) and 0.04 oz/t (at 154.4 metres) upon resampling. In DDH



0 100 200
metres

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Figure 6a

TIDEWATER PROPERTY

GOLD

(ppb)

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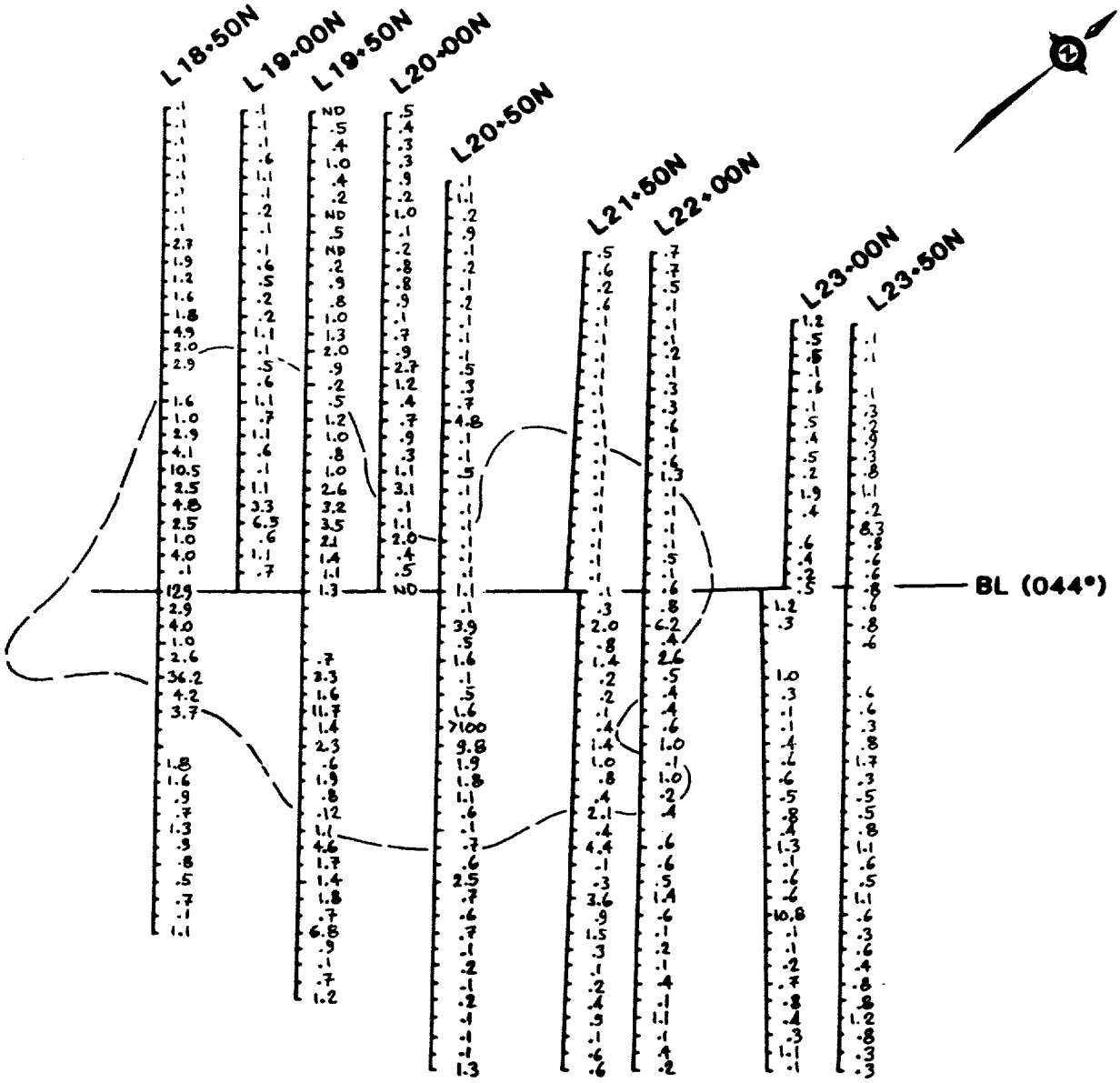

0 100 200
metres

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Figure 6b

TIDEWATER PROPERTY

SILVER (ppm)

Skeena Mining Division
British Columbia
NTS: 104 A/4, 5

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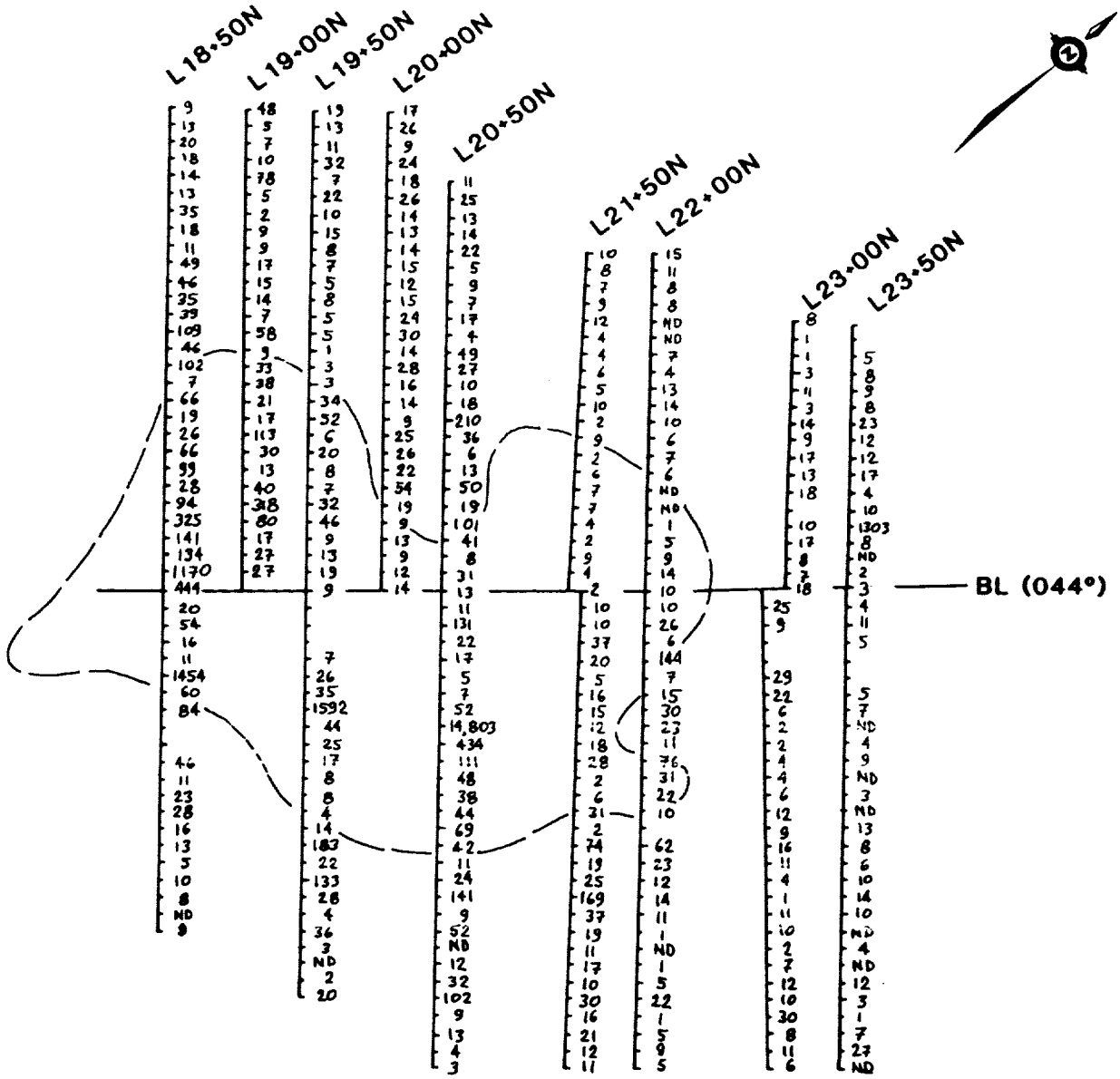

0 100 200
metres

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Figure 6c

TIDEWATER PROPERTY

LEAD (ppb)

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British Columbia
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TW-79-3, the shallow (at 14.6 metre) gold anomaly of 0.28 oz/t (sample 12977) comes from a fractured and sheared quartz vein within the Tidewater quartz monzonite where sulphides (pyrite, molybdenite and traces of galena) of up to 10% occur as disseminations and as thin fracture fillings in the quartz. The deeper (at 154.4 metre) anomaly of 0.04 oz/t (sample 12952) in TW-79-3 comes from a sedimentary breccia that has been healed with quartz. Disseminated sericite and very fine grained pyrite (10%) are associated with the quartz.

The third anomalous gold result (rock sample 12909 with 0.1 oz/t Au) comes from a 50 cm wide shear zone found by propecting within the Tidewater stock at approximately 19+10N, 0+25E.

The large quartz veins to the south of the Tidewater stock that were mined in the early 1900's for molybdenum did not provide any anomalous values for precious metals when resampled.

TRENCHING

The locations for trenching and test pits were determined from the soil and rock geochemical anomalies obtained from the property during the first part of the program.

Since the predominant structural trend on the claim group is northeast and vertical, two trenches were sited at the surface projections of shallow anomalies in the Amax TW-79-3 and TW-80-6 diamond drill holes (Fig. 4). Although the Tidewater stock was moderately sheared, altered, silicified, and mineralized at both these locations, none of the trench samples were anomalous

in gold.

Test pits were located at 20+50N, 1+00E (soil anomaly in Au, Ag and Pb), 19+10N, 0+25E (rock anomaly in Au, Ag, As, Pb, Zn, Cu) and 18+50N, 0+62.5E (soil anomaly in Ag, Pb). A third soil anomaly (Ag, Pb) at 19+50N, 0+87.5E was not pitted due to thick overburden and dense vegetation.

Test pit BL-87-3 (20+50N, 1+00E) revealed a 1 - 20 cm wide and 1.5 m long fracture or shear trending 190° and dipping 19° E within the Tidewater stock. A high grade sample of a 1 - 2 cm thick quartz vein within this zone returned 0.18 oz/t Au and 254 oz/t Ag (sample 3091). Pyrite (2%), chalcopyrite (tr), and tetrahedrite (2%) occur as vein selvages and as hairline fracture fillings within and oblique to the vein. Argillic, hematitic, and minor sericitic alteration are associated with the zone.

Test pit BL-87-4 (19+10N, 0+25E) extended an anomalous shear located during the first part of the program. At that time, rock sample 12909 returned 0.107 oz/t Au. The shear, which strikes 157° and dips 70° SW, was followed north of the 12909 location for approximately 15 m. The zone averages 50 cm in width and is silicified and pyritized. Quartz veins, 1 - 4 cm in width, within the shear carry disseminated pyrite (10 - 20%) and trace amounts of arsenopyrite, galena, and sphalerite. Intensely altered Tidewater stock adjacent to the shear carried the best precious metal values of 0.078 oz/t Au and 54 oz/t Ag (sample 3094). The quartz monzonite at this location was argillized and sericitized (minor); and oxidation of sulphides resulted in pervasive jarositic, hematitic and manganese staining.

0 100 200 300 400 500

metres

12905 • rock sample

TR-87-2 ═ trench (fall 1987)

BL-87-3 O blast pit (fall 1987)

BL (044°)

24+00N
23+50N
23+00N
22+00N
21+50N
21+00N
20+50N
20+00N
19+50N
19+00N
18+50N
17+50N
16+25N
15+00N
13+50N
12+00N

•12845

TR-87-2
3170-3175;
3076-3085

DDH-80-2(5)
12879-13000

•12901
•12902
•12905
•12903
•12907
12906F
12906F
BL-87-3
(3088-3091)

•12866

•12855

12848
12849
12850
12904

DDH-80-3(6)
12818-21;
12832-40

•12824
12822,23
•12854
BL-87-4
(3093-
3100;
12887-88)

12853
12852
1209,
3092
12915
12916
12851
BL-87-5
(12889-95;
12898-900)

•12914
•12913

12865
12864
12825-29
12863
12916-12920;
12858-62;
12896, 97

12921
12867
12912
12911
12910

DDH-79-3
12861-78

TR-87-1
3151-3169

DDH-79-2
12803-17

12841
12847
12843
12844

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Figure 5
TIDEWATER PROPERTY

ROCK SAMPLE LOCATIONS

Skeena Mining Division
British Columbia
NTS: 104 A/4,5

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Test pit BL-87-5 tested soil sample location 18+50N, 0+62.5E which was anomalous for Ag and Pb. The pit exposes a 1 - 5 cm thick quartz vein which contains up to 0.06 oz/t Au (sample 12900) and 16 oz/t Ag (sample 12891). The vein is confined by a minor 4 m long shear trending 124° and dipping 65° S. The Zone which is silicified and pyritized (10%) carried up to 2% galena in euhedral crystals. Alteration mineralogy includes clays, hematite, jarosite, pyrolusite and minor sericite.

CONCLUSIONS and RECOMMENDATIONS

The Tidewater property hosts widespread MoS_2 mineralization in banded quartz - molydenite veins, in quartz vein stockworks and as disseminations, and fracture coatings within and around the Tidewater stock. The veins include the sheeted quartz - molybdenite system in Tidewater Creek that was the object of previous underground exploration on the property.

Previous drilling on the property has indicated a molybdenum deposit of approximately 10 million tons grading around 0.1% MoS_2.

Gold and silver mineralization occurs on the property in quartz veins and shears within the Tidewater stock. These veins trend north to northwesterly and appear to be unrelated to the sheeted quartz - molybdenite veins which are a different age and are devoid of gold.

The best gold result (0.28 oz/t) was returned from 14.6 m in DDH TW-79-3. Another sample from test pit BL-87-3 returned 0.18 oz/t Au and 254 oz/t Ag.

Other sampling sites returned from 0.04 oz/t Au to 0.24 oz/t Au.

The results of the exploration to date on the Tidewater property are sufficiently encouraging that further work is warranted.

A more extensive trenching campaign in and around test pits BL-87-3, 4 and 5 to determine the extent and tenor of the mineralization should be completed.

If encouraging results are obtained from the trenching then diamond drilling to test the mineralization at depth should be carried out.

The cost of the program, as detailed below, is estimated at $100,000.

Phase II: Trenching and Diamond Drilling

Geologist - 30 days @ $300/day	$ 9,000
Technician - 20 days @ $150/day	3,000
Blasting	3,000
Site Preparation	2,000
Diamond Drilling - 500 m @ $80/m	40,000
Helicopter - 24 hrs. @ $500/hr	12,000
Accommodation/Food - 50 mandays @ $60/manday	3,000
Truck - 30 days @ $60/day	1,800
Analyses - 200 samples @ $20/sample	4,000
Miscellaneous Supplies	2,200
Report and Supervision	10,000
Contingencies	$ 10,000
TOTAL PHASE II	$100,000

CERTIFICATE of QUALIFICATIONS

I, J. L. LeBel, of 436 W. 6th Street, North Vancouver, British Columbia hereby certify:

1. I am a graduate of the Queens University (1971) and the University of Manitoba (1973) and hold a BSc. degree in geological engineering and a MSc. degree in geophysics.
2. I am a Professional Engineer registered with the Association of Professional Engineers of British Columbia, Vancouver, British Columbia.
3. I have been employed in mining exploration with various companies since 1972.
4. The information contained in this report comes from the references cited and my personal experience in the area, having been involved in previous exploration on the property in 1979.
5. I own no direct, indirect and do not expect to receive any contingent interests in the subject property or shares or securities of Richmark 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.

J.L. LeBel, P.Eng.

DATED at Vancouver, British Columbia, this 15th day of February,1988.

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APPENDIX 1

ANALYTICAL RESULTS

VGC

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.
ADDRESS: 404 - 595 Howe Street
: Vancouver, B.C.
: V6C 2T5

DATE: August 17 1987
REPORT#: 870981 GA
JOB#: 870981

PROJECT#: Richmark,Tidewater
SAMPLES ARRIVED: August 10 1987
REPORT COMPLETED: August 17 1987
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 870981 NA
TOTAL SAMPLES: 121
SAMPLE TYPE: 121 Rock
REJECTS: SAVED

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: Tony Floyd & Ed McCrossan

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: None

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

REPORT NUMBER: 870981 GA JOB NUMBER: 870981 **OREQUEST CONSULTANTS LTD.**

SAMPLE #	Au ppb
12801	40
12802	nd
12803	95
12804	270
12805	60
12806	45
12807	235
12808	3360
12809	5
12810	240
12811	230
12812	30
12813	45
12814	110
12815	445
12816	nd
12817	nd
12818	70
12819	nd
12820	nd
12821	nd
12822	30
12823	nd
12824	nd
12825	nd
12826	nd
12827	nd
12828	nd
12829	nd
12830	nd
12831	nd
12832	nd
12833	nd
12834	nd
12835	nd
12836	nd
12837	nd
12838	nd
12839	10
DETECTION LIMIT	5

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

VANGEOCHEM LAB LIMITED

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(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au ppb
12840	nd
12841	nd
12842	nd
12843	nd
12844	nd
12845	nd
12846	nd
12847	nd
12848	nd
12849	nd
12850	nd
12901	10
12902	nd
12903	nd
12904	nd
12905	nd
12906	5
12907	nd
12908	40
12909	3460
12910	nd
12911	nd
12912	nd
12913	nd
12914	685
12915	nd
12916	nd
12917	nd
12918	nd
12919	nd
12920	nd
12921	nd
12951	nd
12952	1330
12953	5
12954	670
12955	nd
12956	nd
12957	nd
DETECTION LIMIT	5

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

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SAMPLE #	Au ppb
12958	nd
12959	nd
12960	nd
12961	nd
12962	nd
12963	nd
12964	nd
12965	nd
12966	nd
12967	nd
12968	380
12969	nd
12970	nd
12971	nd
12972	5
12973	nd
12974	5
12975	50
12976	40
12977	9220
12978	nd
12979	nd
12980	nd
12981	nd
12982	nd
12983	nd
12984	nd
12985	nd
12986	nd
12987	nd
12988	nd
12989	nd
12990	nd
12991	nd
12992	nd
12993	nd
12994	nd
12995	nd
12996	nd
DETECTION LIMIT	5

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

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REPORT NUMBER: 870981 GA JOB NUMBER: 870981 **OREQUEST CONSULTANTS LTD.**

SAMPLE #	Au ppb
12997	nd
12998	nd
12999	nd
13000	nd

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

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(604) 251-5656

GEOCHEMICAL ANALYTICAL REPORT

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

DATE: August 27 1987
REPORT#: 870896 GA
JOB#: 870896

PROJECT#: Richmark/Tidewater
SAMPLES ARRIVED: July 29 1987
REPORT COMPLETED: August 27 1987
ANALYSED FOR: Au ICP

INVOICE#: 870896 NA
TOTAL SAMPLES: 125
SAMPLE TYPE: 125 Soil
REJECTS: DISCARDED

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: OREQUEST CONSULTANTS LTD.

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: None

VANGEOCHEM LAB LIMITED

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(604) 986-5211 TELEX: 04-352578

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 870896 GA JOB NUMBER: 870896 **OREQUEST CONSULTANTS LTD.**

SAMPLE #	Au ppb
L21+50N-0+00W	15
L21+50N-0+12.5W	10
L21+50N-0+25W	10
L21+50N-0+37.5W	nd
L21+50N-0+50W	5
L21+50N-0+62.5W	nd
L21+50N-0+75W	10
L21+50N-0+87.5W	10
L21+50N-1+00W	nd
L21+50N-1+12.5	25
L21+50N-1+25W	10
L21+50N-1+37.5W	20
L21+50N-1+50W	10
L21+50N-1+62.5W	10
L21+50N-1+75W	5
L21+50N-1+87.5W	10
L21+50N-2+00W	15
L21+50N-2+12.5W	5
L21+50N-2+25W	5
L21+50N-2+37.5W	10
L21+50N-2+50W	nd
L22+00N-0+00W	10
L22+00N-0+12.5W	10
L22+00N-0+25W	10
L22+00N-0+37.5W	nd
L22+00N-0+50W	nd
L22+00N-0+62.5W	nd
L22+00N-0+75W	10
L22+00N-0+87.5W	10
L22+00N-1+00W	10
L22+00N-1+12.5W	10
L22+00N-1+25W	nd
L22+00N-1+37.5W	5
L22+00N-1+50W	5
L22+00N-1+62.5W	10
L22+00N-1+75W	10
L22+00N-1+87.5W	nd
L22+00N-2+00W	nd
L22+00N-2+12.5W	nd
DETECTION LIMIT	5

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

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SAMPLE #	Au ppb
L22+00N-2+25W	nd
L22+00N-2+37.5W	nd
L22+00N-2+50W	nd
L23+00N-0+00	nd
L23+00N-0+12.5E	nd
L23+00N-0+25E	nd
L23+00N-0+62.5E	nd
L23+00N-0+75E	nd
L23+00N-0+87.5E	nd
L23+00N-1+00E	nd
L23+00N-1+12.5E	nd
L23+00N-1+25E	nd
L23+00N-1+37.5E	nd
L23+00N-1+50E	nd
L23+00N-1+62.5E	nd
L23+00N-1+75E	nd
L23+00N-1+87.5E	nd
L23+00N-2+00E	nd
L23+00N-2+12.5E	nd
L23+00N-2+25E	10
L23+00N-2+37.5E	nd
L23+00N-2+50E	15
L23+00N-2+62.5E	15
L23+00N-2+75E	10
L23+00N-2+87.5E	10
L23+00N-3+00E	10
L23+00N-3+12.5E	5
L23+00N-3+25E	nd
L23+00N-3+37.5E	nd
L23+00N-3+50E	10
L23+00N-0+12.5W	5
L23+00N-0+25W	nd
L23+00N-0+37.5W	5
L23+00N-0+50W	5
L23+00N-0+75W	5
L23+00N-0+87.5W	5
L23+00N-1+00W	5
L23+00N-1+12.5W	5
L23+00N-1+25W	15
DETECTION LIMIT	5

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

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

REPORT NUMBER: 870896 GA JOB NUMBER: 870896 **OREQUEST CONSULTANTS LTD.**

SAMPLE #	Au ppb
L23+00N-1+37.5W	15
L23+00N-1+50W	10
L23+00N-1+62.5W	10
L23+00N-1+75W	10
L23+00N-1+87.5W	50
L23+00N-2+00W	10
L23+50N-0+00E	40
L23+50N-0+12.5E	15
L23+50N-0+25E	5
L23+50N-0+37.5E	10
L23+50N-0+75E	nd
L23+50N-0+87.5E	10
L23+50N-1+00E	10
L23+50N-1+12.5E	10
L23+50N-1+25E	10
L23+50N-1+37.5E	10
L23+50N-1+50E	25
L23+50N-1+62.5E	5
L23+50N-1+75E	10
L23+50N-1+87.5E	5
L23+50N-2+00E	5
L23+50N-2+12.5E	10
L23+50N-2+25E	10
L23+50N-2+37.5E	10
L23+50N-2+50E	5
L23+50N-2+67.5E	20
L23+50N-2+75E	25
L23+50N-2+87.5E	25
L23+50N-3+00E	10
L23+50N-3+12.5E	20
L23+50N-3+25E	10
L23+50N-3+37.5E	10
L23+50N-3+50E	15
L23+50N-1+62.5W	10
L23+50N-0+25W	10
L23+50N-0+37.5W	10
L23+50N-0+50W	40
L23+50N-0+62.5W	10
L23+50N-0+75W	15
DETECTION LIMIT	5

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

VANGEOCHEM LAB LIMITED

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(604) 251-5656

REPORT NUMBER: 870896 GA JOB NUMBER: 870896 **OREQUEST CONSULTANTS LTD.**

SAMPLE #	Au ppb
L23+50N-0+87.5W	20
L23+50N-1+00W	20
L23+50N-1+12.5W	10
L23+50N-1+25W	20
L23+50N-1+37.5W	10
L23+50N-1+50W	15
L23+50N-1+75W	10
L23+50N-1+87.5W	15

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VGC

VANGEOCHEM LAB LIMITED

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(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.
ADDRESS: 404 - 595 Howe Street
: Vancouver, B.C.
: V6C 2T5

DATE: Sept 11 1987
REPORT#: 870995 GA
JOB#: 870995

PROJECT#: RICHMARK/TIDEWATER
SAMPLES ARRIVED: Aug 10 1987
REPORT COMPLETED: Sept 11 1987
ANALYSED FOR: Au ICP

INVOICE#: 870995 NA
TOTAL SAMPLES: 264
SAMPLE TYPE: 264 Soil
REJECTS: DISCARDED

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: E. McROSSAN & T. FLOYD

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: None

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 870995 GA JOB NUMBER: 870995 OREQUEST CONSULTANTS LTD.

SAMPLE #		Au ppb
L18+50N	0+12.5E	nd
L18+50N	0+25.0E	nd
L18+50N	0+37.5E	20
L18+50N	0+50.0E	20
L18+50N	0+62.5E	35
L18+50N	0+75.0E	10
L18+50N	0+87.5E	10
L18+50N	1+25.0E	10
L18+50N	1+37.5E	5
L18+50N	1+50.0E	nd
L18+50N	1+62.5E	nd
L18+50N	1+75.0E	nd
L18+50N	1+87.5E	nd
L18+50N	2+00.0E	nd
L18+50N	2+12.5E	5
L18+50N	2+25.0E	nd
L18+50N	2+37.5E	nd
L18+50N	2+50.0E	nd
L18+50N	0+00.0W	30
L18+50N	0+12.5W	nd
L18+50N	0+25.0W	20
L18+50N	0+37.5W	10
L18+50N	0+50.0W	10
L18+50N	0+62.5W	nd
L18+50N	0+75.0W	nd
L18+50N	0+87.5W	5
L18+50N	1+00.0W	10
L18+50N	1+12.5W	5
L18+50N	1+25.0W	nd
L18+50N	1+37.5W	nd
L18+50N	1+50.0W	nd
L18+50N	1+62.5W	nd
L18+50N	1+75.0W	nd
L18+50N	1+87.5W	nd
L18+50N	2+00.0W	40
L18+50N	2+12.5W	nd
L18+50N	2+25.0W	10
L18+50N	2+37.5W	50
L18+50N	2+50.0W	nd
DETECTION LIMIT		5

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

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SAMPLE #		Au ppb
L18+50N	2+62.5W	nd
L18+50N	2+75.0W	nd
L18+50N	2+87.5W	nd
L18+50N	3+00.0W	30
L18+50N	3+12.5W	5
L18+50N	3+25.0W	25
L18+50N	3+37.5W	nd
L18+50N	3+50.0W	10
L19+00N	0+12.5W	nd
L19+00N	0+25.0W	30
L19+00N	0+37.5W	10
L19+00N	0+50.0W	20
L19+00N	0+62.5W	20
L19+00N	0+75.0W	nd
L19+00N	0+87.5W	10
L19+00N	1+00.0W	10
L19+00N	1+12.5W	20
L19+00N	1+25.0W	10
L19+00N	1+37.5W	5
L19+00N	1+50.0W	nd
L19+00N	1+62.5W	40
L19+00N	1+75.0W	20
L19+00N	1+87.5W	10
L19+00N	2+00.0W	10
L19+00N	2+12.5W	10
L19+00N	2+25.0W	10
L19+00N	2+37.5W	15
L19+00N	2+50.0W	15
L19+00N	2+62.5W	nd
L19+00N	2+75.0W	10
L19+00N	2+87.5W	5
L19+00N	3+00.0W	10
L19+00N	3+12.5W	nd
L19+00N	3+25.0W	20
L19+00N	3+37.5W	10
L19+00N	3+50.0W	5
L19+50N	0+12.5E	nd
L19+50N	0+25.0E	25
L19+50N	0+37.5E	nd
DETECTION LIMIT		5

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

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SAMPLE #		Au ppb
L19+50N	0+50.0E	nd
L19+50N	0+62.5E	10
L19+50N	0+75.0E	10
L19+50N	0+87.5E	30
L19+50N	1+00.0E	nd
L19+50N	1+12.5E	10
L19+50N	1+25.0E	10
L19+50N	1+37.5E	20
L19+50N	1+50.0E	5
L19+50N	1+62.5E	nd
L19+50N	1+75.0E	nd
L19+50N	1+87.5E	20
L19+50N	2+00.0E	nd
L19+50N	2+12.5E	10
L19+50N	2+25.0E	30
L19+50N	2+37.5E	nd
L19+50N	2+50.0E	10
L19+50N	2+62.5E	nd
L19+50N	2+75.0E	20
L19+50N	2+87.5E	nd
L19+50N	3+00.0E	30
L19+50N	0+00.0W	25
L19+50N	0+25.0W	10
L19+50N	0+37.5W	30
L19+50N	0+50.0W	5
L19+50N	0+62.5W	nd
L19+50N	0+75.0W	nd
L19+50N	0+87.5W	20
L19+50N	1+00.0W	nd
L19+50N	1+12.5W	nd
L19+50N	1+25.0W	10
L19+50N	1+37.5W	10
L19+50N	1+50.0W	5
L19+50N	1+62.5W	nd
L19+50N	1+75.0W	25
L19+50N	1+87.5W	10
L19+50N	2+00.0W	nd
L19+50N	2+12.5W	10
L19+50N	2+25.0W	nd
DETECTION LIMIT		5

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

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SAMPLE #		Au ppb
L19+50N	2+37.5W	30
L19+50N	2+50.0W	30
L19+50N	2+62.5W	10
L19+50N	2+75.0W	30
L19+50N	2+87.5W	nd
L19+50N	3+00.0W	5
L19+50N	3+12.5W	nd
L19+50N	3+25.0W	nd
L19+50N	3+37.5W	nd
L19+50N	3+50.0W	nd
L20+00N	0+00.0W	nd
L20+00N	0+12.5W	10
L20+00N	0+25.0W	10
L20+00N	0+37.5W	15
L20+00N	0+50.0W	25
L20+00N	0+62.5W	25
L20+00N	0+75.0W	10
L20+00N	0+87.5W	5
L20+00N	1+00.0W	nd
L20+00N	1+12.5W	nd
L20+00N	1+25.0W	10
L20+00N	1+37.5W	nd
L20+00N	1+50.0W	10
L20+00N	1+62.5W	nd
L20+00N	1+75.0W	10
L20+00N	1+87.5W	15
L20+00N	2+00.0W	nd
L20+00N	2+12.5W	nd
L20+00N	2+25.0W	nd
L20+00N	2+37.5W	10
L20+00N	2+50.0W	10
L20+00N	2+62.5W	20
L20+00N	2+75.0W	nd
L20+00N	2+87.5W	5
L20+00N	3+00.0W	nd
L20+00N	3+12.5W	15
L20+00N	3+25.0W	nd
L20+00N	3+37.5W	nd
L20+00N	3+50.0W	nd
DETECTION LIMIT		5

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

VANGEOCHEM LAB LIMITED

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

SAMPLE #		Au ppb
L20+50N	0+12.5E	20
L20+50N	0+25.0E	20
L20+50N	0+37.5E	110
L20+50N	0+50.0E	15
L20+50N	0+62.5E	50
L20+50N	0+75.0E	10
L20+50N	0+87.5E	10
L20+50N	1+00.0E	1200
L20+50N	1+12.5E	10
L20+50N	1+25.0E	10
L20+50N	1+37.5E	10
L20+50N	1+50.0E	5
L20+50N	1+62.5E	nd
L20+50N	1+75.0E	15
L20+50N	1+87.5E	nd
L20+50N	2+00.0E	10
L20+50N	2+12.5E	nd
L20+50N	2+25.0E	10
L20+50N	2+37.5E	10
L20+50N	2+50.0E	40
L20+50N	2+62.5E	nd
L20+50N	2+75.0E	5
L20+50N	2+87.5E	10
L20+50N	3+00.0E	nd
L20+50N	3+12.5E	10
L20+50N	3+25.0E	5
L20+50N	3+37.5E	nd
L20+50N	3+50.0E	nd
L20+50N	0+00.0W	5
L20+50N	0+12.5W	10
L20+50N	0+25.0W	nd
L20+50N	0+37.5W	nd
L20+50N	0+50.0W	10
L20+50N	0+62.5W	nd
L20+50N	0+75.0W	5
L20+50N	0+87.5W	nd
L20+50N	1+00.0W	nd
L20+50N	1+12.5W	nd
L20+50N	1+25.0W	30
DETECTION LIMIT		5

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

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

SAMPLE #		Au ppb
L20+50N	1+37.5W	25
L20+50N	1+50.0W	15
L20+50N	1+62.5W	10
L20+50N	1+75.0W	10
L20+50N	1+87.5W	5
L20+50N	2+00.0W	5
L20+50N	2+12.5W	30
L20+50N	2+25.0W	50
L20+50N	2+37.5W	nd
L20+50N	2+50.0W	40
L20+50N	2+62.5W	10
L20+50N	2+75.0W	35
L20+50N	2+87.5W	15
L20+50N	3+00.0W	10
L21+50N	0+12.5E	5
L21+50N	0+25.0E	20
L21+50N	0+37.5E	5
L21+50N	0+50.0E	15
L21+50N	0+62.5E	5
L21+50N	0+75.0E	5
L21+50N	0+87.5E	20
L21+50N	1+00.0E	10
L21+50N	1+12.5E	20
L21+50N	1+25.0E	10
L21+50N	1+37.5E	15
L21+50N	1+50.0E	20
L21+50N	1+62.5E	20
L21+50N	1+75.0E	nd
L21+50N	1+87.5E	20
L21+50N	2+00.0E	5
L21+50N	2+12.5E	5
L21+50N	2+25.0E	15
L21+50N	2+37.5E	5
L21+50N	2+50.0E	5
L21+50N	2+62.5E	10
L21+50N	2+75.0E	10
L21+50N	2+87.5E	5
L21+50N	3+00.0E	10
L21+50N	3+12.5E	5
DETECTION LIMIT		5

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

VANGEOCHEM LAB LIMITED

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(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: B70995 GA JOB NUMBER: B70995 **OREQUEST CONSULTANTS LTD.**

SAMPLE #		Au ppb
L21+50N	3+25.0E	10
L21+50N	3+37.5E	5
L21+50N	3+50.0E	20
L22+00N	0+12.5E	5
L22+00N	0+25.0E	5
L22+00N	0+37.5E	5
L22+00N	0+50.0E	15
L22+00N	0+62.5E	15
L22+00N	0+75.0E	15
L22+00N	0+87.5E	10
L22+00N	1+00.0E	5
L22+00N	1+12.5E	5
L22+00N	1+25.0E	10
L22+00N	1+37.5E	5
L22+00N	1+50.0E	10
L22+00N	1+62.5E	15
L22+00N	1+87.5E	10
L22+00N	2+00.0E	nd
L22+00N	2+12.5E	nd
L22+00N	2+25.0E	15
L22+00N	2+37.5E	10
L22+00N	2+50.0E	5
L22+00N	2+62.5E	5
L22+00N	2+75.0E	5
L22+00N	2+87.5E	5
L22+00N	3+00.0E	nd
L22+00N	3+12.5E	10
L22+00N	3+25.0E	20
L22+00N	3+37.5E	15
L22+00N	3+50.0E	10

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LTD.
Main Office
1521 Pemberton St.
North Vancouver,
B.C. V7P 2S3
604 986 5211
Telex 04 352578
Branch Lab
1630 Pandora St.
Vancouver, B.C.
Sample Preparation Facilities
Pasadena, Newfoundland
Thunder Bay, Ontario
Bathurst, Newbrunswick
Reno, Nevada

GEOCHEMICAL ANALYTICAL REPORT

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

DATE: Nov 03 1987
REPORT#: 871640 GA
JOB#: 871640

PROJECT#: RICHMARK / TIDEWATER
SAMPLES ARRIVED: Oct 28 1987
REPORT COMPLETED: Nov 03 1987
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 871640 NA
TOTAL SAMPLES: 81
SAMPLE TYPE: 81 Rock
REJECTS: SAVED

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: Mr. Ed McCrossan

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: None

VANGEOCHEM LAB LTD.
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Branch Lab
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Vancouver, B.C.
Sample Preparation
Facilities
Pasadena, Newfoundland
Thunder Bay, Ontario
Bathurst, Newbrunswick
Reno, Nevada

REPORT NUMBER: 871640 GA JOB NUMBER: 871640 **OREQUEST CONSULTANTS LTD.**

SAMPLE #	Au ppb	oz/t
03076	nd	
03077	nd	
03078	nd	
03079	nd	
03080	nd	
TR-87-2		
03081	nd	
03082	nd	
03083	nd	
03084	nd	
03085	nd	
03086	1500	.047
03087	240	.007
03088	340	.011
BL-87-3		
03089	5	
03090	1160	.036
03091	5790	.180
03092	1200	.037
BL-87-4		
03093	200	.006
03094	2500	.078
03095	nd	
03096	nd	
03097	nd	
03098	nd	
03099	750	.023
03100	nd	
03151	nd	
03152	nd	
03153	nd	
03154	nd	
03155	nd	
03156	nd	
TR-87-1		
03157	nd	
03158	nd	
03159	nd	
03160	nd	
03161	nd	
03162	nd	
03163	nd	
03164	nd	

DETECTION LIMIT 5

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

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SAMPLE #	Au ppb	gm/t
03165	nd	
03166	nd	
03167	nd	
03168	nd	
03169	nd	
03170	nd	
03171	nd	
03172	nd	
03173	nd	
03174	nd	
03175	nd	
12851	nd	
12852	nd	
12853	350	.011
12854	nd	
12855	nd	
12856	nd	
12857	nd	
12858	nd	
12859	10	
12860	nd	
12861	nd	
12862	nd	
12863	nd	
12864	nd	
12865	nd	
12866	nd	
12867	nd	
12887	nd	
12888	nd	
12889	nd	
12890	nd	
12891	1230	.038
12892	1230	.038
12893	610	.019
12894	nd	
12895	nd	
12896	nd	
12897	510	.016

DETECTION LIMIT 5

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

VANGEOCHEM LAB LTD.
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Bathurst Newbrunswick
Reno Nevada

SAMPLE #	Au ppb	oz/t
12898	1200	.037
12899	1640	.051
12900	1950	.060

BL-87-5

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

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Vancouver, B.C.
Sample Preparation Facilities
Pasadena, Newfoundland
Thunder Bay, Ontario
Bathurst, Newbrunswick
Reno, Nevada

ASSAY ANALYTICAL REPORT

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

DATE: Nov 16 1987
REPORT#: 871640 AA
JOB#: 871640

PROJECT#: RICHMARK/TIDEWATER
SAMPLES ARRIVED: Oct 28 1987
REPORT COMPLETED: Nov 16 1987
ANALYSED FOR: Ag

INVOICE#: 871640 NB
TOTAL SAMPLES: 21
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 21 Pulps

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: Mr. Tony Floyd

ANALYSED BY: David Chiu

SIGNED: _____
Registered Provincial Assayer

GENERAL REMARK: None

VANGEOCHEM LAB LTD.
Main Office
1521 Pemberton St.
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Thunder Bay, Ontario
Bathurst, New Brunswick
Reno, Nevada

REPORT NUMBER: 871640 AA JOB NUMBER: 871640 OREQUEST CONSULTANTS LTD. PAGE 1 OF 2

SAMPLE #	Ag oz/st	Au ppb.	Au g/A.T. 02/1 02/1
TR-87-2			
3084	.93		
3085	.10		
3086	25.87	1500	514
3087	2.28	240	329
3088	3.62	340	
BL-87-3			
3089	.77		
3090	18.28	1160	507
3091	* 254.32	5790	1412
3092	10.43	1200	251. 485
3093	1.76	200	293.
3094	53.71	2500	688.
3095	2.45		
BL-87-4 3096	1.08		
3097	.32		
3098	.40		
3099	7.44	750	327.
3100	.42		
Std F. 12852	.37		
12891	15.81	1270	416.
L-87-5 12892	8.36	1230.	720.

DETECTION LIMIT .01

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million < = less than

signed: _____

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Bathurst, Newbrunswick
Reno, Nevada

SAMPLE #	Ag oz/st	
BL-87-5 12893	5.50	610.

DETECTION LIMIT .01

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001 ppm = parts per million < = less than

signed: _____

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 SR,MN,FE,CA,P,CR,MG,BA,PB,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: OREQUEST
ATTENTION:
PROJECT: RICHMARK/TIDEMARK

REPORT#: PA
JOB#: 870896
INVOICE#: 870896NA

DATE RECEIVED: 87/07/29
DATE COMPLETED: 87/08/27
COPY SENT TO:

ANALYST W. Peaus

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L21+50N-0+00W	.1	.73	ND	ND	42	ND	.08	.1	ND	15	53	1.33	.01	.19	102	29	.11	2	.05	2	ND	ND	ND	ND	5	ND	ND	5
L21+50N-0+12.5W	.1	.85	ND	ND	22	ND	.01	.1	ND	2	21	.41	.01	.02	14	35	.08	ND	.12	4	ND	ND	ND	ND	4	ND	ND	ND
L21+50N-0+25W	.1	.40	ND	ND	7	ND	.01	.1	ND	1	1	.29	.01	.01	19	10	.04	ND	.03	9	ND	ND	ND	ND	4	ND	ND	ND
L21+50N-0+37.5W	.1	2.87	57	ND	189	ND	.05	.1	3	25	8	6.55	.01	.93	385	392	.25	10	.01	2	ND	ND	ND	ND	2	ND	ND	37
L21+50N-0+50W	.1	.40	ND	ND	44	ND	.12	.1	ND	5	23	.91	.01	.04	23	21	.11	ND	.04	4	ND	ND	ND	ND	12	ND	ND	20
L21+50N-0+62.5W	.1	.13	ND	ND	15	ND	.08	.1	ND	ND	29	.02	.01	.08	10	3	.10	ND	.03	7	ND	ND	ND	ND	57	ND	ND	48
L21+50N-0+75W	.1	.22	ND	ND	19	ND	.16	.8	ND	ND	55	.32	.01	.04	52	ND	.12	ND	.04	7	ND	ND	ND	ND	18	ND	ND	17
L21+50N-0+87.5W	.1	.54	ND	ND	21	ND	.04	.1	ND	ND	1	.27	.01	.02	29	7	.12	ND	.05	6	ND	ND	ND	ND	6	ND	ND	ND
L21+50N-1+00W	.1	.28	ND	ND	15	ND	.05	.1	ND	ND	12	.19	.01	.02	22	24	.12	ND	.02	2	ND	ND	ND	ND	5	ND	ND	ND
L21+50N-1+12.5W	.1	1.41	47	ND	171	ND	.86	.2	14	12	46	5.73	.01	.08	11282	390	.30	30	.12	9	ND	ND	ND	ND	91	ND	ND	110
L21+50N-1+25W	.1	.15	ND	ND	24	ND	.12	.8	ND	ND	71	.10	.01	.06	99	ND	.11	ND	.05	2	ND	ND	ND	ND	19	ND	ND	27
L21+50N-1+37.5W	.1	.83	ND	ND	12	ND	.26	.1	ND	1	56	1.08	.01	.16	207	ND	.10	ND	.05	11	ND	ND	ND	ND	12	ND	ND	16
L21+50N-1+50W	.1	.55	ND	ND	12	ND	.01	.1	ND	3	ND	.08	.01	.02	39	14	.07	ND	.02	5	ND	ND	ND	ND	2	ND	ND	ND
L21+50N-1+62.5W	.1	.16	ND	ND	8	ND	.08	.1	ND	ND	22	.08	.01	.04	275	ND	.08	ND	.01	6	ND	ND	ND	ND	3	ND	ND	ND
L21+50N-1+75W	.1	.17	ND	ND	49	ND	.43	.1	ND	ND	9	.28	.01	.03	51	ND	.15	ND	.02	4	ND	ND	ND	ND	53	ND	ND	23
L21+50N-1+87.5W	.1	1.22	16	ND	44	ND	.04	.1	4	35	29	2.62	.05	.39	166	29	.05	7	.03	4	ND	ND	ND	6	7	ND	8	19
L21+50N-2+00W	.1	.16	14	ND	17	ND	.44	.8	1	1	50	.08	.08	.02	27	3	.01	6	.04	12	ND	ND	5	5	20	4	ND	47
L21+50N-2+12.5W	.6	.13	7	ND	8	ND	.30	.8	1	1	15	.07	.08	.03	189	2	.01	4	.04	9	ND	ND	4	6	10	5	ND	12
L21+50N-2+25W	.2	.59	9	ND	30	ND	.11	.1	2	7	20	.65	.08	.02	28	6	.01	14	.07	7	ND	ND	3	5	18	5	ND	ND
L21+50N-2+37.5W	.6	.20	8	ND	32	ND	.26	2.1	1	ND	28	.06	.08	.06	28	2	.01	5	.04	8	ND	ND	5	4	42	4	ND	60
L21+50N-2+50W	.5	.07	8	ND	5	3	.04	.1	2	1	10	.10	.08	.01	66	2	.01	4	.01	10	ND	ND	5	5	2	9	ND	ND
L22+00N-0+00W	.6	.17	10	ND	10	ND	.05	1.2	1	1	31	.17	.08	.01	48	40	.01	4	.02	10	ND	ND	4	5	4	5	ND	7
L22+00N-0+12.5W	.1	.32	7	ND	7	ND	.01	.1	1	2	ND	.08	.07	.01	40	59	.01	ND	.01	14	ND	ND	ND	4	1	ND	ND	ND
L22+00N-0+25W	.5	.12	ND	ND	5	ND	.08	.6	ND	4	23	.08	.02	.03	66	10	.01	ND	.03	9	ND	ND	ND	6	2	ND	ND	44
L22+00N-0+37.5W	.1	.16	ND	ND	1	ND	.01	.1	1	3	ND	.28	.05	.01	33	20	.01	2	.01	5	ND	ND	ND	2	1	ND	ND	ND
L22+00N-0+50W	.1	.50	5	ND	12	ND	.04	.1	ND	1	1	.05	.04	.01	17	38	.01	ND	.04	1	ND	ND	ND	3	4	ND	ND	ND
L22+00N-0+62.5W	.1	.17	3	ND	1	ND	.01	.1	ND	ND	ND	.08	.04	.01	15	18	.01	ND	.01	ND	ND	ND	ND	1	ND	ND	ND	ND
L22+00N-0+75W	.1	.11	3	ND	42	ND	.20	.5	ND	ND	3	.03	.04	.07	8	11	.01	1	.03	ND	ND	ND	ND	5	25	ND	ND	8
L22+00N-0+87.5W	1.3	.70	14	ND	10	ND	.02	.1	1	7	10	1.25	.07	.02	15	12	.01	2	.12	6	ND	ND	ND	5	3	ND	ND	ND
L22+00N-1+00W	.6	.56	7	ND	22	ND	.02	.8	2	3	19	.44	.06	.02	10	5	.01	5	.10	7	ND	ND	ND	4	5	ND	ND	5
L22+00N-1+12.5W	.1	.38	9	ND	27	ND	.29	.4	2	3	23	.70	.06	.04	43	5	.01	4	.08	6	ND	ND	ND	5	29	ND	ND	ND
L22+00N-1+25W	.6	.13	ND	ND	6	4	.01	.2	3	6	3	.12	.08	.01	14	45	.01	2	.01	10	ND	ND	ND	6	1	ND	ND	ND
L22+00N-1+37.5W	.3	.43	9	ND	22	ND	.22	.8	1	4	42	.48	.07	.03	31	5	.01	7	.11	14	ND	ND	ND	4	11	ND	ND	10
L22+00N-1+50W	.3	.88	ND	ND	12	ND	.04	.2	4	4	23	.52	.06	.02	27	3	.01	1	.04	13	ND	ND	ND	7	4	ND	ND	ND
L22+00N-1+62.5W	.1	.27	ND	ND	19	ND	.02	.4	1	1	12	.60	.04	.03	27	1	.01	2	.04	4	ND	ND	ND	3	13	ND	ND	3
L22+00N-1+75W	.2	.53	7	ND	19	ND	.03	.6	2	5	17	.29	.06	.02	21	3	.01	5	.10	7	ND	ND	ND	4	6	ND	ND	2
L22+00N-1+87.5W	.1	.17	ND	ND	6	ND	.01	.1	ND	4	ND	.04	.04	.02	3	1	.01	2	.01	ND	ND	ND	ND	1	1	ND	ND	ND
L22+00N-2+00W	.1	.19	ND	ND	8	ND	.01	.1	1	7	1	.16	.05	.07	19	1	.01	2	.01	ND	ND	ND	ND	1	2	ND	ND	ND
L22+00N-2+12.5W	.1	2.17	ND	3	244	ND	.06	.1	12	152	51	2.88	.07	1.47	264	5	.14	75	.03	8	ND	ND	ND	2	4	ND	ND	51
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

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L22+00N-2+25W	.5	.23	ND	ND	11	ND	.09	.3	3	22	4	.23	.01	.01	18	1	.01	ND	.01	8	ND	ND	ND	3	4	ND	ND	4
L22+00N-2+37.5W	.7	.16	ND	ND	6	ND	.02	.5	3	6	2	.18	.02	.01	39	3	.01	ND	.01	11	ND	ND	3	4	1	ND	ND	4
L22+00N-2+50W	.7	.31	10	ND	11	ND	.02	.7	2	15	5	.17	.04	.04	18	27	.01	ND	.01	15	ND	ND	3	2	2	ND	ND	7
L23+00N-0+00	.5	.62	149	ND	25	ND	.04	.1	1	18	7	.91	.04	.11	96	9	.01	4	.02	18	ND	ND	ND	ND	5	ND	ND	9
L23+00N-0+12.5E	1.2	1.64	130	ND	19	3	.03	.1	1	35	11	1.42	.04	.02	35	123	.01	4	.07	25	ND	ND	ND	ND	4	3	ND	7
L23+00N-0+25E	.3	.88	9	ND	27	ND	.02	.4	1	5	17	.48	.02	.01	24	15	.01	5	.14	9	ND	ND	ND	ND	3	ND	ND	9
L23+00N-0+62.5E	1.0	2.81	3	ND	36	ND	.09	.8	2	18	25	.26	.02	.08	36	24	.01	18	.14	29	ND	ND	ND	ND	10	ND	ND	11
L23+00N-0+75E	.3	2.30	8	ND	17	ND	.04	.1	1	39	18	5.67	.04	.04	15	174	.09	4	.07	22	ND	ND	ND	ND	3	ND	ND	7
L23+00N-0+87.5E	.1	.22	3	ND	29	ND	.09	.6	1	1	7	.49	.01	.01	9	5	.01	1	.06	6	ND	ND	ND	ND	10	ND	ND	6
L23+00N-1+00	.1	.37	5	ND	27	ND	.10	.7	1	1	7	.12	.01	.01	13	2	.01	2	.05	2	ND	ND	ND	ND	12	ND	ND	7
L23+00N-1+12.5E	.4	.69	19	ND	11	ND	.02	.3	1	3	9	.22	.02	.01	14	3	.01	3	.10	2	ND	ND	ND	ND	2	ND	ND	6
L23+00N-1+25E	.6	1.35	14	ND	10	ND	.01	.3	1	19	8	1.18	.02	.01	12	4	.01	2	.11	4	ND	ND	ND	ND	2	ND	ND	7
L23+00N-1+37.5E	.6	.61	4	ND	12	ND	.04	.9	1	4	15	.36	.02	.02	20	2	.01	3	.13	4	ND	ND	ND	1	4	ND	ND	11
L23+00N-1+50E	.5	.14	ND	ND	5	ND	.01	.5	1	6	1	.09	.02	.01	13	2	.01	ND	.01	6	ND	ND	3	ND	ND	ND	ND	3
L23+00N-1+62.5E	.8	.58	6	ND	12	ND	.01	.3	1	7	6	.28	.04	.01	16	4	.01	ND	.04	12	ND	ND	ND	ND	1	4	3	5
L23+00N-1+75E	.4	.50	ND	ND	14	ND	.02	.9	1	5	26	.44	.03	.02	13	2	.01	1	.07	9	ND	ND	3	ND	3	ND	ND	13
L23+00N-1+87.5E	1.3	.75	ND	ND	45	4	.05	.5	7	14	11	.87	.04	.22	139	65	.01	4	.02	16	ND	ND	ND	7	3	ND	ND	16
L23+00N-2+00	.1	1.15	203	ND	30	ND	.18	.1	1	7	31	9.04	.05	.02	168	78	.18	6	.07	11	ND	ND	5	ND	17	ND	ND	17
L23+00N-2+12.5E	.6	.17	5	ND	24	ND	.05	.3	ND	ND	4	.20	.03	.03	20	4	.01	ND	.02	4	ND	ND	ND	ND	22	ND	ND	17
L23+00N-2+25E	.6	2.09	ND	ND	163	4	.02	.8	7	71	13	2.39	.11	1.21	279	21	.06	45	.02	1	ND	ND	ND	ND	2	ND	ND	52
L23+00N-2+37.5E	10.8	.57	3	ND	21	ND	.05	.6	1	8	30	.93	.03	.04	34	10	.01	6	.05	11	ND	ND	ND	ND	5	ND	4	14
L23+00N-2+50E	.1	1.90	21	ND	26	ND	.06	.1	1	21	34	6.66	.05	.02	23	18	.13	6	.09	10	ND	ND	3	ND	9	ND	ND	13
L23+00N-2+62.5E	.1	1.53	23	ND	17	ND	.02	.1	1	12	27	2.39	.03	.01	15	3	.03	5	.12	2	ND	ND	ND	ND	4	ND	ND	9
L23+00N-2+75E	.2	.99	3	ND	21	ND	.03	.3	1	4	14	1.31	.03	.02	24	2	.01	6	.08	7	ND	ND	ND	ND	5	ND	ND	8
L23+00N-2+87.5E	.7	.48	ND	ND	11	ND	.01	.3	2	10	9	.14	.04	.04	32	15	.01	ND	.02	12	ND	ND	ND	ND	2	ND	3	5
L23+00N-3+00	.8	1.31	10	ND	16	ND	.02	.4	1	13	38	.94	.03	.02	17	4	.01	5	.13	10	ND	ND	ND	ND	3	ND	ND	9
L23+00N-3+12.5E	.4	.62	18	ND	14	ND	.05	.8	1	16	60	2.31	.03	.10	33	5	.04	2	.09	30	ND	ND	ND	1	5	ND	ND	17
L23+00N-3+25E	.3	.11	ND	ND	37	ND	.42	.9	ND	ND	43	.09	.04	.03	32	3	.01	3	.03	8	ND	ND	ND	ND	18	ND	ND	46
L23+00N-3+37.5E	1.1	.07	ND	ND	6	ND	.01	.5	4	3	6	.10	.02	.01	161	19	.01	ND	.01	11	ND	ND	ND	3	ND	ND	3	2
L23+00N-3+50E	.1	.30	ND	ND	13	ND	.06	.4	1	2	9	.20	.02	.02	29	4	.01	1	.04	6	ND	ND	ND	ND	5	ND	ND	9
L23+00N-0+12.5W	.2	1.04	57	ND	69	ND	.09	.2	3	6	6	2.30	.05	.26	120	36	.03	2	.03	7	ND	ND	ND	ND	6	ND	ND	21
L23+00N-0+25W	.4	.71	ND	ND	18	ND	.05	.3	1	7	19	.15	.03	.02	34	3	.01	4	.06	8	ND	ND	ND	1	7	ND	ND	13
L23+00N-0+37.5W	.6	.98	3	ND	31	ND	.09	.5	1	7	35	.98	.02	.02	81	4	.01	4	.11	17	ND	ND	ND	ND	11	ND	ND	27
L23+00N-0+50W	.4	.16	ND	ND	52	ND	.21	.7	ND	ND	40	.07	.02	.06	23	2	.01	ND	.03	10	ND	ND	ND	ND	43	ND	ND	47
L23+00N-0+75W	1.9	.16	ND	ND	6	ND	.01	.4	4	6	4	.12	.03	.01	20	7	.01	ND	.01	18	ND	ND	ND	1	ND	ND	3	3
L23+00N-0+87.5W	.2	1.00	ND	ND	15	ND	.02	.5	1	9	11	.36	.02	.01	11	2	.01	3	.08	13	ND	ND	ND	ND	4	ND	ND	14
L23+00N-1+00W	.5	.36	ND	ND	11	ND	.11	1.0	1	8	38	.22	.03	.03	19	3	.01	1	.03	17	ND	ND	ND	ND	9	ND	ND	25
L23+00N-1+12.5W	.4	.48	ND	ND	18	ND	.03	.6	1	1	15	.28	.02	.04	24	1	.01	1	.03	9	ND	ND	ND	ND	15	ND	5	30
L23+00N-1+25W	.5	.13	ND	ND	75	ND	.01	.8	1	1	7	.06	.01	.20	18	1	.01	ND	.02	14	ND	ND	ND	ND	58	ND	ND	20
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

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L23+00N-1+37.5W	.1	.22	ND	ND	15	ND	.08	.5	ND	ND	8	.12	.01	.02	14	ND	.01	2	.03	3	ND	ND	ND	ND	12	ND	ND	6
L23+00N-1+50W	.6	.71	ND	ND	11	ND	.01	.4	2	7	6	.25	.03	.03	42	3	.01	ND	.01	11	ND	ND	ND	ND	1	ND	ND	3
L23+00N-1+62.5W	.1	.43	ND	ND	23	ND	.14	.1	ND	ND	15	.27	.03	.01	43	ND	.01	2	.05	3	ND	ND	ND	ND	16	ND	ND	7
L23+00N-1+75W	.5	.22	ND	ND	31	ND	.20	.8	ND	ND	16	.10	.03	.01	85	ND	.01	ND	.03	1	ND	ND	ND	ND	15	ND	ND	18
L23+00N-1+87.5W	.5	.28	ND	ND	12	ND	.01	.1	ND	1	5	.64	.05	.01	13	ND	.01	2	.01	1	ND	ND	ND	ND	3	ND	ND	5
L23+00N-2+00W	1.2	.35	ND	ND	12	3	.01	.1	3	12	7	.27	.05	.04	104	ND	.01	2	.01	8	ND	ND	ND	ND	1	ND	ND	7
L23+50N-0+00	.8	.45	ND	ND	54	ND	.20	.5	ND	1	21	.48	.06	.22	96	ND	.01	1	.02	3	ND	ND	ND	ND	19	ND	ND	41
L23+50N-0+12.5E	.6	1.08	ND	ND	47	ND	.20	.4	ND	2	36	.20	.03	.02	30	4	.01	10	.11	4	ND	ND	ND	ND	24	ND	ND	13
L23+50N-0+25E	.8	.68	ND	ND	16	ND	.02	.1	1	10	7	.17	.05	.04	44	10	.01	1	.01	11	ND	ND	ND	ND	4	ND	ND	8
L23+50N-0+37.5E	.6	.66	ND	ND	10	ND	.02	.1	2	5	9	2.47	.04	.10	102	7	.03	ND	.01	5	ND	ND	ND	ND	1	ND	ND	7
L23+50N-0+75E	.6	.68	ND	ND	17	ND	.02	.1	1	14	5	.40	.04	.08	26	3	.01	3	.02	5	ND	ND	ND	ND	4	ND	ND	2
L23+50N-0+87.5E	.6	1.45	3	ND	27	ND	.04	.1	2	17	5	1.01	.05	.29	96	9	.01	6	.01	7	ND	ND	ND	ND	6	ND	ND	17
L23+50N-1+00E	.3	.70	ND	ND	18	3	.01	.4	ND	1	9	.55	.03	.01	9	ND	.01	3	.10	ND	ND	ND	ND	ND	2	ND	ND	5
L23+50N-1+12.5E	.8	.27	ND	ND	9	ND	.01	.2	1	2	3	.11	.04	.01	70	4	.01	1	.01	4	ND	ND	ND	ND	ND	ND	ND	1
L23+50N-1+25E	1.7	.81	ND	ND	37	4	.03	.1	8	16	13	1.01	.04	.35	417	1	.01	4	.01	9	ND	ND	ND	ND	1	ND	ND	17
L23+50N-1+37.5E	.3	.26	ND	ND	11	ND	.02	.6	ND	1	30	.19	.02	.03	59	ND	.01	2	.05	ND	ND	ND	ND	ND	3	ND	ND	20
L23+50N-1+50E	.5	.58	ND	ND	19	ND	.08	.6	ND	4	26	.25	.03	.02	59	ND	.01	4	.06	3	ND	ND	ND	ND	8	ND	ND	13
L23+50N-1+62.5E	.5	1.16	ND	ND	17	ND	.01	.1	ND	5	14	.19	.03	.01	7	ND	.01	3	.11	ND	ND	ND	ND	ND	1	ND	ND	5
L23+50N-1+75E	.8	.69	ND	ND	22	ND	.02	.1	2	7	11	1.06	.05	.11	45	4	.01	2	.02	13	ND	ND	3	ND	5	ND	ND	15
L23+50N-1+87.5E	1.1	.64	ND	ND	25	ND	.01	.4	2	5	8	.50	.04	.17	111	1	.01	ND	.02	8	ND	ND	ND	ND	1	ND	ND	7
L23+50N-2+00E	.6	.73	ND	ND	17	ND	.01	.2	1	8	7	.17	.04	.01	26	ND	.01	4	.01	6	ND	ND	ND	ND	1	ND	ND	1
L23+50N-2+12.5E	.5	.59	ND	ND	17	ND	.01	.4	ND	5	14	.81	.04	.03	18	2	.01	2	.04	10	ND	ND	ND	ND	2	ND	ND	5
L23+50N-2+25E	1.1	.80	ND	ND	17	ND	.01	.6	1	19	21	.34	.04	.04	34	12	.01	1	.04	14	ND	ND	ND	ND	2	ND	ND	6
L23+50N-2+37.5E	.6	.96	ND	ND	20	ND	.01	.1	ND	12	26	.78	.04	.02	17	3	.01	5	.06	10	ND	ND	ND	ND	2	ND	ND	6
L23+50N-2+50E	.3	1.54	ND	ND	102	5	.03	.3	5	113	17	2.41	.06	1.03	111	3	.06	24	.01	ND	ND	ND	ND	ND	3	ND	ND	33
L23+50N-2+62.5E	.6	.56	ND	ND	49	ND	.35	1.1	ND	ND	38	.22	.03	.03	44	ND	.01	5	.05	4	ND	ND	ND	ND	30	ND	ND	27
L23+50N-2+75E	.4	.20	ND	ND	108	ND	.22	.3	ND	ND	17	.08	.03	.06	55	ND	.01	3	.03	ND	ND	ND	ND	ND	37	ND	ND	27
L23+50N-2+87.5E	.8	.51	ND	ND	26	ND	.22	.8	ND	ND	72	.44	.04	.03	103	ND	.01	3	.07	12	ND	ND	ND	ND	16	ND	ND	23
L23+50N-3+00	.8	.64	ND	ND	21	ND	.01	.1	1	13	16	.83	.04	.06	41	3	.01	3	.03	3	ND	ND	ND	ND	2	ND	ND	5
L23+50N-3+12.5E	1.2	.32	ND	ND	29	ND	.06	1.1	ND	1	22	.36	.03	.04	36	1	.01	2	.03	1	ND	ND	ND	ND	10	ND	3	19
L23+50N-3+25E	.8	.20	ND	ND	13	ND	.01	1.2	1	1	7	.08	.04	.01	63	2	.01	1	.02	7	ND	ND	3	ND	1	ND	ND	4
L23+50N-3+37.5E	.3	.60	ND	ND	15	ND	.03	.3	ND	6	24	.30	.03	.02	22	ND	.01	5	.06	27	ND	ND	ND	ND	5	ND	ND	11
L23+50N-3+50E	.3	.35	ND	ND	25	ND	.06	.5	ND	1	20	.34	.02	.03	76	ND	.01	5	.05	ND	ND	ND	ND	ND	13	ND	ND	13
L23+50N-0+12.5W	.6	.85	13	ND	48	ND	.01	.1	2	2	11	1.92	.05	.27	253	7	.02	1	.01	2	ND	ND	4	ND	1	ND	ND	16
L23+50N-0+25W	.6	1.02	8	ND	24	ND	.06	.3	ND	11	8	.24	.03	.01	17	ND	.01	8	.10	ND	ND	ND	ND	ND	8	ND	ND	3
L23+50N-0+37.5W	.8	.75	14	ND	28	ND	.10	.1	ND	9	12	.46	.02	.01	21	ND	.01	9	.11	8	ND	ND	ND	ND	12	ND	ND	4
L23+50N-0+50W	8.3	6.16	43	ND	46	ND	.32	.1	9	97	35	4.37	.06	.12	555	337	.07	36	.16	1303	ND	ND	ND	ND	19	ND	ND	55
L23+50N-0+62.5W	.2	1.97	8	ND	20	ND	.03	.1	ND	23	23	2.50	.02	.01	40	4	.04	10	.10	10	ND	ND	ND	ND	3	ND	ND	5
L23+50N-0+75W	1.1	.48	4	ND	47	4	.01	.3	5	39	10	.85	.04	.22	85	3	.01	6	.01	4	ND	ND	3	ND	ND	ND	ND	6
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

CLIENT: OREQUEST JOB#: 870896 PROJECT: RICHMARK/TIDEMARK REPORT: PA DATE: 87/08/27

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L23+50N-0+87.5W	.8	.40	6	ND	28	5	.01	.1	5	24	7	.72	.03	.18	40	10	.01	3	.01	17	ND	ND	3	2	ND	ND	ND	6
L23+50N-1+00W	.3	2.45	5	ND	111	3	.01	.1	7	128	13	2.60	.05	1.26	269	5	.07	19	.01	12	ND	ND	ND	ND	1	ND	ND	41
L23+50N-1+12.5W	.9	.11	7	ND	8	4	.01	.4	3	7	5	.15	.02	.02	10	5	.01	3	.01	12	ND	ND	ND	3	1	ND	ND	2
L23+50N-1+25W	.2	.09	10	ND	17	ND	.65	1.7	ND	1	91	.10	.04	.06	28	1	.01	4	.05	23	ND	ND	3	1	15	ND	ND	36
L23+50N-1+37.5W	.3	.26	ND	ND	13	ND	.05	.4	1	1	13	.18	.02	.01	15	4	.01	2	.04	8	ND	ND	3	ND	4	ND	ND	7
L23+50N-1+50W	.1	.28	ND	ND	22	ND	.05	.5	1	1	12	.07	.01	.01	21	1	.01	2	.03	9	ND	ND	3	2	7	ND	ND	6
L23+50N-1+75W	.1	.18	ND	ND	26	ND	.05	.5	ND	ND	9	.06	.01	.02	13	1	.01	3	.04	8	ND	ND	3	ND	13	ND	ND	8
L23+50N-1+87.5W	.1	.87	ND	ND	28	ND	.01	.3	2	1	4	.30	.01	.01	12	1	.01	4	.11	5	ND	ND	ND	ND	5	ND	ND	3
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

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,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: OREQUEST CONSULTANTS
ATTENTION:
PROJECT: Richmond

REPORT#: 870995PA
JOB#: 870995
INVOICE#: 870995NA

DATE RECEIVED: 87/09/06
DATE COMPLETED: 87/09/08
COPY SENT TO:

ANALYST ed. Reeves

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
18+50N 0+12.5E	2.9	.26	98	ND	11	ND	.08	.1	1	3	43	.88	.03	.02	206	51	.01	3	.02	20	ND	ND	3	ND	6	ND	ND	40
18+50N 0+25.0E	4.0	1.35	211	7	17	9	.11	.1	22	36	40	12.54	.07	.24	164	143	.28	13	.01	54	ND	ND	11	19	10	ND	ND	63
18+50N 0+37.5E	1.0	1.34	19	ND	206	ND	.31	.1	11	9	8	2.65	.09	.71	1004	23	.08	10	.02	16	ND	ND	ND	4	14	ND	ND	108
18+50N 0+50.0E	2.6	.20	30	ND	9	ND	.01	.1	1	2	12	.45	.04	.02	134	21	.01	3	.01	11	ND	ND	5	ND	1	3	8	3
18+50N 0+62.5E	36.2	4.95	2274	3	11	ND	.03	.1	11	25	52	5.85	.06	.06	2739	662	.15	1	.05	1454	ND	ND	3	ND	2	21	ND	93
18+50N 0+75.0E	4.2	.23	50	ND	11	ND	.83	1.7	ND	1	125	.22	.04	.03	62	84	.01	1	.06	60	ND	ND	ND	2	14	ND	ND	20
18+50N 0+87.5E	3.7	.60	92	ND	9	ND	.09	.1	2	3	5	.44	.04	.03	71	146	.01	ND	.02	84	ND	ND	3	2	17	ND	ND	ND
18+50N 1+25.0E	1.8	.66	35	ND	42	6	.06	.9	5	25	14	2.98	.06	.18	74	25	.04	6	.02	46	ND	ND	4	6	10	ND	ND	32
18+50N 1+37.5E	1.6	.94	16	ND	37	ND	.01	1.1	3	26	36	1.76	.03	.19	55	28	.03	12	.08	11	ND	ND	ND	ND	2	ND	ND	21
18+50N 1+50.0E	.9	.19	10	ND	16	ND	.17	1.0	ND	2	45	.18	.03	.04	126	18	.01	1	.05	23	ND	ND	3	1	12	ND	ND	33
18+50N 1+62.5E	.7	.09	10	ND	19	ND	.33	1.1	ND	ND	74	.08	.03	.03	34	14	.01	ND	.04	28	ND	ND	ND	1	7	ND	ND	9
18+50N 1+75.0E	1.3	.14	11	ND	20	ND	.05	.3	4	1	10	.24	.04	.01	67	17	.01	ND	.01	16	ND	ND	3	3	8	3	ND	ND
18+50N 1+87.5E	.9	.39	6	ND	11	ND	.02	.8	1	4	15	.35	.04	.04	75	11	.01	3	.06	13	ND	ND	ND	1	3	ND	ND	ND
18+50N 2+00.0E	.8	.08	5	ND	4	ND	.01	.1	ND	2	ND	.09	.04	.01	37	3	.01	ND	.01	5	ND	ND	ND	ND	1	ND	ND	ND
18+50N 2+12.5E	.5	.25	5	ND	37	ND	.38	.4	ND	1	42	.17	.04	.04	55	7	.01	1	.05	10	ND	ND	ND	2	8	ND	ND	6
18+50N 2+25.0E	.7	.76	9	ND	35	ND	.07	.1	3	86	22	1.03	.06	.39	103	36	.01	11	.03	8	ND	ND	ND	1	7	ND	ND	16
18+50N 2+37.5E	.1	5.05	21	ND	74	3	.06	.1	11	87	34	3.95	.06	1.10	1368	41	.14	36	.06	ND	ND	ND	ND	ND	5	ND	ND	122
18+50N 2+50.0E	1.1	.80	19	ND	31	4	.01	.1	3	12	5	.74	.06	.24	94	12	.01	5	.02	9	ND	ND	ND	2	2	ND	ND	4
18+50N 0+ 0.0W	12.9	4.27	211	ND	33	ND	.13	.1	30	28	36	2.30	.06	.25	8103	259	.05	10	.15	444	ND	ND	ND	ND	14	11	ND	81
18+50N 0+12.5W	.1	5.71	1001	ND	103	ND	.20	.1	72	10	88	6.13	.05	.05	62269	581	.22	1	.15	1170	ND	ND	ND	ND	11	ND	ND	166
18+50N 0+25.0W	4.0	5.33	233	4	31	ND	.14	.1	9	14	25	5.99	.05	.19	2534	175	.16	11	.05	134	ND	ND	ND	ND	8	ND	ND	115
18+50N 0+37.5W	1.0	1.44	210	ND	25	ND	.18	.1	14	8	63	3.18	.05	.35	10245	190	.08	7	.09	141	ND	ND	ND	ND	12	ND	ND	42
18+50N 0+50.0W	2.5	.72	450	ND	41	3	.09	.1	11	5	12	1.90	.05	.10	4726	345	.02	5	.05	325	ND	ND	3	2	4	4	ND	20
18+50N 0+62.5W	4.8	.34	70	ND	9	ND	.01	.1	1	1	10	.41	.04	.01	380	67	.01	2	.03	94	ND	ND	5	1	1	ND	4	7
18+50N 0+75.0W	2.5	.21	17	ND	11	ND	.09	.4	ND	ND	26	.17	.03	.02	342	19	.01	ND	.03	28	ND	ND	ND	1	5	ND	ND	12
18+50N 0+87.5W	10.5	.99	130	ND	32	6	.10	.1	7	8	18	1.92	.04	.15	208	189	..	:	.04	99	ND	ND	3	8	10	ND	ND	17
18+50N 1+00.0W	4.1	.68	160	3	5	4	.03	.1	2	6	4	2.19	.05	.03	103	143	.01	ND	.02	66	ND	ND	4	6	2	ND	ND	ND
18+50N 1+12.5W	2.9	.23	54	ND	4	ND	.01	.1	ND	ND	7	.41	.04	.01	69	54	.01	ND	.02	20	ND	ND	3	ND	1	ND	ND	9
18+50N 1+25.0W	1.0	.12	14	ND	2	ND	.05	.2	ND	ND	14	.25	.03	.01	204	21	.01	ND	.02	19	ND	ND	ND	1	1	ND	ND	ND
18+50N 1+37.5W	1.6	.15	4	ND	10	ND	.20	3.8	ND	3	100	.09	.04	.05	55	12	.01	ND	.05	66	ND	ND	3	2	12	ND	ND	19
18+50N 1+50.0W	1.1	.10	6	ND	3	ND	.02	.3	ND	ND	5	.17	.04	.01	64	18	.01	ND	.01	7	ND	ND	ND	1	1	ND	ND	2
18+50N 1+62.5W	2.9	.12	79	ND	10	3	.16	.7	ND	ND	52	.26	.03	.03	236	27	.01	1	.05	102	ND	ND	ND	3	3	ND	ND	23
18+50N 1+75.0W	2.0	1.11	36	ND	101	ND	.07	.1	2	90	24	2.06	.06	.52	259	60	.05	6	.08	46	ND	ND	ND	ND	9	ND	ND	26
18+50N 1+87.5W	4.9	.61	14	ND	34	3	.12	.7	1	5	26	.28	.03	.04	51	49	.01	4	.10	109	ND	ND	ND	ND	13	ND	ND	ND
18+50N 2+00.0W	1.8	.21	17	ND	6	4	.03	.1	2	5	1	.15	.05	.02	45	93	.01	1	.01	39	ND	ND	5	4	2	ND	ND	ND
18+50N 2+12.5W	1.6	1.43	212	ND	74	4	.04	.1	6	73	24	2.32	.06	.55	275	293	.05	29	.03	35	ND	ND	3	5	4	ND	ND	31
18+50N 2+25.0W	1.2	.25	14	ND	23	ND	.27	.9	ND	3	70	.30	.03	.03	33	21	.01	3	.06	46	ND	ND	ND	2	19	ND	ND	34
18+50N 2+37.5W	1.9	.50	201	ND	21	7	.05	.1	5	57	7	.56	.04	.17	151	53	.01	6	.01	49	ND	ND	3	9	2	ND	ND	ND
18+50N 2+50.0W	2.7	.35	6	ND	63	ND	.07	.4	1	2	14	.10	.02	.05	75	6	.01	5	.04	11	ND	ND	ND	1	23	ND	ND	3
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

CLIENT: OREQUEST CONSULTANTS JOB#: 870995 PROJECT: REPORT: 870995PA DATE: 87/09/08

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
18+50N 2+62.5W	.1	.40	6	ND	8	3	.02	.1	3	17	11	.17	.02	.01	24	57	.01	4	.02	18	ND	ND	ND	2	2	ND	ND	5
18+50N 2+75.0W	.1	.34	4	ND	16	ND	.14	2.7	ND	2	82	.26	.01	.03	26	6	.01	2	.10	35	ND	ND	ND	ND	10	ND	ND	23
18+50N 2+87.5W	.1	.20	ND	ND	7	ND	.05	.1	1	6	13	.22	.03	.04	40	18	.01	1	.01	13	ND	ND	4	ND	2	ND	ND	6
18+50N 3+00.0W	.1	.91	8	ND	21	ND	.01	.5	1	12	31	.41	.02	.02	20	4	.01	2	.13	14	ND	ND	ND	ND	2	ND	ND	9
18+50N 3+12.5W	.1	.53	4	ND	30	ND	.05	.7	1	2	30	.26	.02	.02	30	7	.01	ND	.07	18	ND	ND	ND	ND	6	ND	ND	6
18+50N 3+25.0W	.1	.13	5	ND	44	ND	.55	1.8	ND	ND	77	.10	.03	.03	98	4	.01	1	.05	20	ND	ND	ND	1	18	ND	ND	32
18+50N 3+37.5W	.1	.19	13	ND	6	ND	.03	.3	2	8	7	.10	.03	.01	16	12	.01	ND	.02	13	ND	ND	ND	ND	2	ND	ND	2
18+50N 3+50.0W	.1	.10	ND	ND	10	ND	.56	.8	ND	ND	64	.05	.03	.02	28	2	.01	ND	.04	9	ND	ND	3	1	9	ND	ND	17
19+00N 0+17.0W	.7	.28	31	ND	5	ND	.04	.1	1	1	10	.33	.04	.01	124	43	.01	ND	.01	27	ND	ND	4	ND	1	3	ND	6
19+00N 0+25.0W	1.1	.08	3	ND	5	ND	.09	.3	ND	ND	23	.09	.03	.01	140	6	.01	ND	.01	27	ND	ND	4	ND	1	ND	ND	9
19+00N 0+37.5W	.6	.14	3	ND	6	ND	.02	.6	ND	ND	12	.16	.02	.01	110	8	.01	ND	.02	17	ND	ND	3	ND	1	ND	ND	10
19+00N 0+50.0W	6.5	2.37	193	3	23	5	.23	.1	15	31	54	6.36	.04	.61	997	159	.14	20	.08	80	ND	ND	ND	2	22	ND	ND	55
19+00N 0+62.5W	3.3	2.83	454	4	23	ND	.10	.1	15	29	42	5.61	.05	.31	1063	501	.11	8	.09	318	ND	ND	3	ND	9	ND	ND	38
19+00N 0+75.5W	1.1	1.56	29	ND	23	5	.09	.1	9	5	32	2.85	.03	.39	440	44	.05	3	.05	40	ND	ND	ND	4	10	ND	ND	40
19+00N 0+87.5W	.1	.70	21	ND	4	ND	.01	.1	1	1	9	.49	.04	.03	63	33	.01	ND	.01	13	ND	ND	ND	ND	1	ND	ND	12
19+00N 1+00.0W	.6	.30	17	ND	8	5	.02	.2	5	18	14	1.28	.04	.03	179	48	.02	ND	.01	30	ND	ND	4	3	2	ND	ND	51
19+00N 1+12.5W	1.1	.15	5	ND	20	3	.05	2.5	1	ND	68	.15	.03	.03	87	9	.01	ND	.04	113	ND	ND	4	1	6	ND	ND	51
19+00N 1+25.0W	.7	.24	29	ND	10	ND	.01	.3	ND	ND	14	.70	.04	.01	42	64	.01	ND	.01	17	ND	ND	3	ND	1	ND	ND	24
19+00N 1+37.5W	1.1	.20	14	ND	4	3	.01	.3	1	1	10	.20	.03	.01	65	25	.01	ND	.02	21	ND	ND	3	ND	1	ND	ND	12
19+00N 1+50.0W	.6	.63	11	ND	10	5	.02	.1	4	13	18	1.75	.04	.07	35	33	.01	ND	.02	38	ND	ND	4	3	1	ND	ND	6
19+00N 1+62.5W	.5	.53	22	ND	14	ND	.07	.1	1	2	15	.23	.02	.02	53	24	.01	11	.09	33	ND	ND	ND	ND	4	ND	ND	8
19+00N 1+75.0W	.1	.11	ND	ND	2	ND	.05	.1	ND	1	5	.17	.04	.01	28	10	.01	6	.01	9	ND	ND	3	ND	1	ND	ND	13
19+00N 1+87.5W	1.1	.36	26	ND	10	3	.01	.1	2	4	5	.11	.05	.02	46	79	.01	3	.01	58	ND	ND	3	4	1	3	ND	3
19+00N 2+00.0W	.2	.08	3	ND	1	ND	.01	.2	ND	ND	1	.03	.04	.01	16	6	.01	ND	.01	7	ND	ND	ND	ND	ND	3	ND	2
19+00N 2+12.5W	.2	.07	ND	ND	4	ND	.01	.2	2	3	3	.03	.04	.01	24	41	.01	ND	.01	14	ND	ND	ND	1	1	ND	3	ND
19+00N 2+25.0W	.5	.13	ND	ND	5	ND	.01	.4	4	3	5	.14	.05	.01	30	47	.01	ND	.01	15	ND	ND	3	4	ND	3	ND	ND
19+00N 2+37.5W	.6	.20	ND	ND	10	ND	.22	1.1	1	2	34	.18	.04	.04	338	8	.01	ND	.06	17	ND	ND	ND	ND	7	ND	ND	19
19+00N 2+50.5W	.1	.35	5	ND	24	ND	.22	.4	1	2	9	.11	.03	.01	26	13	.01	2	.06	9	ND	ND	3	1	21	ND	ND	2
19+00N 2+62.5W	.1	.13	ND	ND	49	ND	.03	.7	1	ND	22	.05	.02	.12	27	8	.01	2	.03	9	ND	ND	3	ND	46	ND	ND	21
19+00N 2+75.0W	.2	.72	ND	ND	20	ND	.02	.2	1	4	4	.46	.02	.01	31	6	.01	ND	.04	2	ND	ND	3	ND	5	ND	ND	3
19+00N 2+87.5W	.1	.44	ND	ND	59	3	.03	.3	2	ND	13	.08	.03	.03	25	8	.01	ND	.03	5	ND	ND	ND	ND	11	ND	ND	17
19+00N 3+00.0W	1.1	.56	4	ND	7	4	.01	.1	5	40	6	.11	.05	.01	24	53	.01	ND	.01	78	ND	ND	ND	6	1	4	3	1
19+00N 3+12.5W	.6	.26	ND	ND	13	ND	.05	.7	2	5	10	.37	.05	.02	14	14	.01	ND	.04	10	ND	ND	3	2	5	3	ND	16
19+00N 3+25.0W	.1	.51	ND	ND	14	ND	.02	.8	2	1	22	.16	.04	.02	20	1	.01	3	.07	7	ND	ND	ND	ND	3	ND	ND	23
19+00N 3+37.0W	.1	.86	ND	ND	10	ND	.02	.3	1	6	22	.90	.02	.01	17	2	.01	2	.12	5	ND	ND	ND	ND	1	ND	ND	16
19+00N 3+50.0W	.1	.14	ND	ND	24	ND	.07	1.5	ND	ND	53	.22	.03	.05	33	5	.01	ND	.06	48	ND	ND	3	2	15	ND	4	25
19+50N 0+12.5W	1.1	.14	8	ND	5	ND	.08	.5	1	1	22	.49	.04	.02	101	15	.01	ND	.01	19	ND	ND	3	ND	4	ND	3	16
19+50N 0+25.0W	1.4	.41	57	ND	11	ND	.02	.1	1	8	16	.63	.05	.10	69	1038	.01	2	.01	13	ND	ND	7	ND	1	ND	ND	20
19+50N 0+37.5W	2.1	.12	ND	ND	5	ND	.12	1.1	ND	ND	36	.06	.02	.02	69	25	.01	ND	.03	9	ND	ND	ND	1	5	ND	ND	24
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

CLIENT: OREQUEST CONSULTANTS JOB#: 870995 PROJECT: REPORT: 870995PA DATE: 87/09/08

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	[illegible] PPM	[illegible] %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
19+50N 0+50.0E	.7	.16	9	ND	3	3	.02	.3	ND	ND	7	.13	.02	.01	32	18	.01	4	.02	7	ND	ND	3	ND	1	3	6	3
19+50N 0+62.5E	3.3	.41	71	ND	70	ND	.04	.1	ND	1	33	.52	.03	.02	404	130	.01	1	.09	26	ND	ND	3	2	4	4	5	20
19+50N 0+75.0E	1.6	.82	63	ND	43	ND	.12	.2	2	6	21	1.48	.04	.07	406	193	.01	1	.02	35	ND	ND	4	ND	9	5	3	23
19+50N 0+87.5E	11.7	4.08	856	3	94	ND	.32	.3	25	26	58	7.47	.08	.06	41498	1640	.19	16	.18	1592	ND	ND	ND	ND	21	16	ND	114
19+50N 1+00.0E	1.4	.19	31	ND	5	ND	.03	.2	1	1	3	.25	.02	.01	960	58	.01	ND	.01	44	ND	ND	3	ND	1	7	6	6
19+50N 1+12.5E	2.3	.16	17	ND	6	ND	.12	.6	ND	1	42	.21	.02	.02	699	39	.01	ND	.04	25	ND	ND	ND	1	3	5	ND	24
19+50N 1+25.0E	.6	1.13	155	3	13	ND	.06	.1	7	10	26	5.91	.05	.09	316	508	.13	6	.03	17	ND	ND	7	ND	7	ND	ND	49
19+50N 1+37.5E	1.9	.24	41	ND	8	ND	.01	.1	1	1	4	.65	.03	.02	140	40	.01	ND	.01	8	ND	ND	ND	ND	8	6	ND	28
19+50N 1+50.0E	.8	.18	12	ND	4	ND	.03	.2	ND	ND	17	.15	.02	.01	132	18	.01	ND	.02	8	ND	ND	3	ND	3	ND	ND	18
19+50N 1+62.5E	1.6	.12	21	ND	4	ND	.02	.8	ND	ND	11	.24	.02	.01	204	19	.01	ND	.01	4	ND	ND	3	ND	4	4	3	21
19+50N 1+75.0E	1.1	.18	9	ND	4	ND	.04	.1	ND	ND	7	.11	.04	.01	193	27	.01	ND	.01	14	ND	ND	3	ND	1	6	3	4
19+50N 1+87.5E	4.6	.72	89	ND	13	ND	.03	.1	1	3	29	.70	.03	.03	265	97	.01	ND	.08	183	ND	ND	ND	3	2	8	ND	19
19+50N 2+00.0E	1.7	.26	31	ND	16	ND	.01	.1	1	4	1	.21	.05	.07	66	42	.01	ND	.01	22	ND	ND	4	ND	2	4	4	4
19+50N 2+12.5E	1.4	.62	82	ND	12	5	.01	.1	3	7	7	.21	.05	.03	60	128	.01	1	.01	133	ND	ND	3	7	2	6	ND	12
19+50N 2+25.0E	1.8	.49	60	ND	12	3	.05	.1	1	12	21	.52	.04	.05	47	62	.01	2	.05	28	ND	ND	ND	3	3	5	ND	11
19+50N 2+37.5E	.7	.35	10	ND	17	ND	.03	.1	1	11	1	.45	.05	.12	202	15	.01	3	.01	4	ND	ND	3	ND	2	8	ND	9
19+50N 2+50.0E	6.8	1.06	133	ND	18	ND	.03	.1	2	18	42	2.14	.03	.14	78	124	.04	6	.08	36	ND	ND	4	1	4	ND	ND	34
19+50N 2+62.5E	.9	.32	10	ND	4	ND	.01	.1	1	5	1	.48	.05	.03	35	21	.01	3	.01	3	ND	ND	3	1	1	9	ND	3
19+50N 2+75.0E	.1	4.75	542	4	27	ND	.02	.1	6	68	28	7.57	.05	.42	311	212	.19	27	.04	ND	ND	ND	4	ND	2	ND	ND	89
19+50N 2+87.5E	.7	.30	15	ND	8	ND	.01	.1	1	3	ND	.28	.04	.02	26	15	.01	ND	.01	2	ND	ND	3	1	1	8	ND	3
19+50N 3+00.0E	1.2	1.15	85	ND	29	4	.06	.1	3	25	14	1.42	.06	.25	90	31	.01	24	.02	20	ND	ND	5	ND	4	6	ND	19
19+50N 0 +0.0W	1.3	.18	93	ND	5	ND	.03	.1	1	2	3	.40	.05	.02	44	22	.01	7	.01	9	ND	ND	4	ND	1	9	ND	6
19+50N 0+25.0W	1.0	.11	13	ND	7	ND	.01	.4	ND	1	3	.10	.04	.01	297	11	.01	ND	.02	6	ND	ND	3	ND	ND	8	3	4
19+50N 0+37.5W	1.0	.10	10	ND	3	ND	.01	.3	ND	ND	ND	.08	.04	.01	80	9	.01	ND	.01	3	ND	ND	4	1	ND	10	3	4
19+50N 0+50.0W	3.5	2.86	41	5	10	9	.11	.1	17	54	31	8.42	.05	.35	682	122	.19	18	.06	46	ND	ND	6	12	9	3	ND	82
19+50N 0+62.5W	3.2	.13	9	ND	16	ND	.23	1.1	ND	1	66	.21	.04	.04	345	11	.01	3	.05	32	ND	ND	3	2	5	3	ND	23
19+50N 0+75.0W	2.6	.20	13	ND	11	ND	.06	.8	ND	1	10	.17	.04	.01	42	8	.01	ND	.02	7	ND	ND	4	1	9	8	ND	14
19+50N 0+87.5W	1.0	.15	13	ND	8	ND	.10	.4	ND	1	20	.16	.02	.01	98	29	.01	ND	.02	8	ND	ND	3	1	3	4	ND	12
19+50N 1+00.0W	.8	.09	7	ND	12	ND	.17	.9	ND	ND	57	.06	.01	.03	69	6	.01	ND	.03	20	ND	ND	4	5	13	ND	ND	24
19+50N 1+12.5W	1.0	.07	6	ND	3	ND	.04	.6	ND	ND	6	.08	.03	.01	168	9	.01	ND	.01	6	ND	ND	ND	ND	1	5	ND	14
19+50N 1+25.0W	1.2	.44	20	ND	21	ND	.05	.1	1	1	44	.30	.01	.02	29	28	.01	ND	.12	52	ND	ND	ND	1	6	ND	ND	12
19+50N 1+37.5W	.5	.24	8	ND	25	4	.11	1.1	ND	ND	85	.08	.01	.03	40	33	.01	ND	.06	34	ND	ND	3	3	11	ND	ND	24
19+50N 1+50.0W	.2	.13	4	ND	19	ND	.29	.9	ND	ND	30	.11	.02	.05	36	15	.01	ND	.04	2	ND	ND	ND	2	12	ND	ND	30
19+50N 1+62.5W	.9	.05	6	ND	1	ND	.01	.1	1	ND	1	.06	.03	.01	21	25	.01	ND	.01	3	ND	ND	3	2	ND	4	ND	1
19+50N 1+75.0W	2.0	.17	8	ND	3	ND	.01	.3	ND	ND	3	.10	.03	.01	19	26	.01	ND	.01	1	ND	ND	3	ND	2	ND	ND	9
19+50N 1+87.5W	1.3	.27	9	ND	5	ND	.01	1.3	ND	ND	22	.03	.03	.01	10	11	.01	1	.03	5	ND	ND	ND	ND	1	4	ND	14
19+50N 2+00.0W	1.0	.20	10	ND	11	ND	.17	.8	ND	ND	23	.14	.02	.01	21	35	.01	ND	.04	5	ND	ND	ND	ND	7	ND	ND	31
19+50N 2+12.5W	.8	.19	7	ND	46	ND	.26	1.2	ND	ND	51	.16	.03	.05	58	12	.01	2	.05	8	ND	ND	ND	1	32	ND	ND	51
19+50N 2+25.0W	.9	.19	10	ND	28	ND	.05	.9	ND	1	32	.06	.01	.06	29	9	.01	3	.03	5	ND	ND	3	3	23	ND	ND	31
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

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
19+50N 2+37.5W	.2	.27	ND	ND	24	ND	.05	.1	1	1	11	.19	.02	.06	36	6	.01	4	.03	7	ND	ND	4	2	19	ND	ND	18
19+50N 2+50.0W	ND	.37	3	ND	25	ND	.13	.1	1	2	15	.29	.02	.03	31	19	.01	3	.03	8	ND	ND	ND	1	12	ND	ND	4
19+50N 2+62.5W	.5	.34	3	ND	7	ND	.01	.1	3	19	4	.16	.05	.02	19	60	.01	ND	.01	15	ND	ND	4	1	1	ND	ND	2
19+50N 2+75.0W	ND	.14	6	ND	57	ND	.26	.9	ND	1	36	.08	.04	.07	24	12	.01	1	.04	10	ND	ND	3	ND	38	ND	ND	34
19+50N 2+87.5W	.2	.09	7	ND	23	ND	.54	2.8	ND	ND	157	.09	.05	.07	13	6	.01	ND	.06	22	ND	ND	3	ND	25	ND	ND	26
19+50N 3+00.0W	.4	.67	7	ND	7	ND	.03	.1	ND	4	9	.09	.04	.01	10	2	.01	ND	.05	7	ND	ND	ND	ND	3	ND	ND	3
19+50N 3+12.5W	1.0	.24	36	ND	10	4	.03	.1	3	38	5	.22	.06	.06	80	21	.01	1	.01	32	ND	ND	5	3	2	ND	4	3
19+50N 3+25.0W	.4	.20	3	ND	8	ND	.05	1.3	1	2	20	.11	.05	.05	25	2	.01	ND	.04	11	ND	ND	4	ND	20	3	4	27
19+50N 3+37.5W	.5	.32	4	ND	21	ND	.04	.5	1	2	51	.10	.03	.02	26	7	.01	ND	.08	13	ND	ND	4	ND	6	ND	3	13
19+50N 3+50.0W	ND	.68	47	ND	12	ND	.02	.1	ND	9	15	8.21	.05	.01	12	18	.18	ND	.08	19	ND	ND	7	ND	2	ND	ND	4
20+00N 0 0+0W	ND	.93	125	ND	13	ND	.01	.1	7	16	14	7.04	.08	.07	132	117	.17	ND	.03	14	ND	ND	8	ND	3	ND	ND	89
20+00N 0+12.5W	.5	.18	5	ND	7	ND	.02	.2	ND	ND	3	.28	.05	.01	82	8	.01	ND	.01	12	ND	ND	ND	ND	1	ND	ND	4
20+00N 0+25.5W	.4	.08	25	ND	1	ND	.01	.1	ND	ND	ND	.21	.05	.01	106	11	.01	ND	.01	9	ND	ND	3	ND	ND	4	ND	5
20+00N 0+37.5W	2.0	.28	ND	ND	80	3	.27	1.3	ND	1	78	.10	.04	.03	34	6	.01	ND	.04	13	ND	ND	ND	ND	36	ND	ND	28
20+00N 0+50.0W	.2	.49	4	ND	9	ND	.01	.5	ND	ND	8	.11	.04	.01	18	5	.01	ND	.04	9	ND	ND	ND	ND	2	ND	ND	15
20+00N 0+62.5W	.1	.07	5	ND	12	ND	.90	1.2	ND	ND	84	.08	.05	.02	14	11	.01	ND	.04	19	ND	ND	ND	ND	19	ND	ND	34
20+00N 0+75.0W	3.1	.58	5	ND	8	6	.07	.4	12	53	28	1.31	.05	.12	217	12	.02	1	.04	54	ND	ND	5	12	3	ND	ND	70
20+00N 0+87.5W	1.1	.45	ND	ND	16	ND	.10	.6	4	2	21	.55	.04	.05	67	2	.01	ND	.03	22	ND	ND	3	3	9	ND	ND	19
20+00N 1+00.0W	.3	.10	ND	ND	26	ND	.04	1.8	1	1	112	.11	.04	.11	72	1	.01	ND	.04	26	ND	ND	3	1	29	ND	ND	52
20+00N 1+12.5W	.9	1.08	10	ND	79	ND	.03	1.1	2	2	53	.90	.04	.04	36	3	.01	ND	.13	25	ND	ND	ND	ND	25	ND	ND	21
20+00N 1+25.0W	.7	.18	ND	ND	34	ND	.12	1.0	1	2	10	.13	.04	.12	28	5	.01	11	.04	9	ND	ND	ND	ND	32	ND	ND	37
20+00N 1+37.5W	.4	.42	11	ND	12	ND	.03	.4	1	4	4	.07	.04	.01	23	7	.01	1	.05	14	ND	ND	ND	ND	3	ND	ND	5
20+00N 1+50.0W	1.2	1.72	13	ND	23	ND	.02	.1	6	26	10	3.37	.06	.22	122	30	.05	5	.02	16	ND	ND	3	ND	3	ND	ND	19
20+00N 1+62.5W	2.7	1.30	10	ND	28	ND	.02	.3	2	24	33	1.29	.05	.03	20	168	.01	3	.09	28	ND	ND	ND	ND	4	ND	ND	13
20+00N 1+75.0W	.9	.77	5	ND	24	ND	.01	.1	2	5	11	2.01	.06	.15	61	67	.01	ND	.01	14	ND	ND	3	ND	1	ND	ND	9
20+00N 1+82.5W	.7	1.17	26	ND	28	ND	.04	.1	4	25	10	2.11	.06	.22	103	187	.01	3	.02	30	ND	ND	3	2	5	ND	ND	21
20+00N 2+00.0W	.1	1.15	43	ND	74	ND	.41	.1	12	27	26	1.61	.05	.14	2537	96	.02	17	.08	24	ND	ND	ND	ND	53	ND	ND	29
20+00N 2+12.5W	.9	.34	ND	ND	24	ND	.02	.2	4	20	4	.45	.05	.11	96	61	.01	2	.01	15	ND	ND	3	1	3	ND	ND	5
20+00N 2+25.0W	.8	.17	ND	ND	61	ND	.03	.5	1	1	24	.09	.04	.11	49	8	.01	ND	.03	12	ND	ND	3	1	30	ND	ND	25
20+00N 2+37.5W	.8	.79	7	ND	24	ND	.01	.1	4	12	10	1.69	.05	.07	38	139	.01	ND	.02	15	ND	ND	ND	4	2	ND	ND	5
20+00N 2+50.0W	.2	.11	ND	ND	38	ND	.28	.5	1	ND	53	.09	.04	.04	28	35	.01	ND	.04	14	ND	ND	ND	ND	13	ND	ND	26
20+00N 2+62.5W	.1	.70	ND	ND	28	ND	.02	.5	1	5	21	.59	.03	.02	17	13	.01	1	.10	13	ND	ND	ND	ND	3	ND	ND	15
20+00N 2+75.0W	1.0	.38	ND	ND	18	4	.01	.1	4	43	4	.38	.05	.07	18	38	.01	ND	.01	14	ND	ND	ND	3	1	ND	ND	5
20+00N 2+87.5W	.2	.18	ND	ND	44	ND	.30	1.6	1	1	90	.19	.04	.05	34	5	.01	ND	.06	26	ND	ND	ND	ND	18	ND	ND	42
20+00N 3+00.0W	.9	.44	ND	ND	17	ND	.01	.1	3	28	6	.40	.05	.06	26	8	.01	ND	.01	18	ND	ND	ND	2	1	ND	ND	3
20+00N 3+12.5W	.3	.14	4	ND	13	ND	.17	1.6	1	1	115	.09	.05	.04	50	1	.01	ND	.03	24	ND	ND	ND	1	25	ND	ND	52
20+00N 3+25.0W	.3	.11	5	ND	14	ND	.04	.4	1	1	6	.41	.04	.01	29	11	.01	ND	.04	9	ND	ND	ND	ND	5	ND	ND	4
20+00N 3+37.5W	.4	.29	ND	ND	56	ND	.13	1.9	1	1	44	.20	.05	.06	43	2	.01	1	.06	26	ND	ND	ND	1	30	ND	ND	29
20+00N 3+50.0W	.5	.16	ND	ND	23	ND	.19	2.7	1	1	73	.09	.05	.05	40	1	.01	ND	.04	17	ND	ND	ND	ND	28	ND	ND	60
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

CLIENT: OREQUEST CONSULTANTS JOB#: 870995 PROJECT: REPORT: 870995PA DATE: 87/09/08

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
20+50N 0;12.5E	.1	.73	20	ND	8	ND	.02	.9	ND	1	10	.30	.[illegible]	.02	24	8	.01	3	.05	11	ND	ND	3	ND	3	ND	ND	16
20+50N 0+25.0E	3.9	.43	189	ND	5	ND	.03	.1	ND	1	18	1.39	.04	.01	112	452	.02	3	.04	131	ND	ND	9	ND	1	3	ND	82
20+50N 0+37.5E	.5	.39	124	ND	3	ND	.01	.1	ND	1	7	.60	.04	.03	88	94	.01	2	.02	22	ND	ND	6	ND	1	4	ND	15
20+50N 0+50.0E	1.6	.56	37	ND	28	ND	.01	.4	2	9	13	.71	.05	.16	105	65	.01	3	.03	17	ND	ND	4	ND	2	ND	ND	14
20+50N 0+62.5E	.1	.22	14	ND	3	ND	.01	.4	1	1	ND	.13	.05	.01	22	27	.01	1	.01	5	ND	ND	6	ND	ND	ND	ND	2
20+50N 0+75.0E	.5	.81	49	ND	17	ND	.01	.1	3	12	9	2.70	.05	.06	100	313	.02	3	.01	7	ND	ND	5	ND	2	ND	ND	15
20+50N 0+87.5E	1.6	.70	97	ND	22	ND	.04	.1	2	9	27	2.34	.05	.05	67	268	.03	3	.05	52	ND	ND	7	3	3	ND	ND	22
20+50N 1+00.0E	>100	.45	3584	ND	23	ND	.07	.1	2	5	71	2.74	.07	.03	631	3702	.05	3	.05	14803	ND	ND	337	ND	8	14	ND	87
20+50N 1+12.5E	9.8	.14	108	ND	9	ND	.60	1.1	ND	1	83	.18	.02	.03	55	135	.01	1	.04	434	ND	ND	13	ND	11	ND	4	27
20+50N 1+25.0E	1.9	.26	62	ND	7	ND	.05	.3	ND	ND	7	.34	.03	.01	24	64	.01	ND	.03	111	ND	ND	7	ND	2	ND	ND	17
20+50N 1+37.5E	1.8	.22	18	ND	25	ND	.09	2.1	ND	1	49	.14	.01	.03	243	19	.01	1	.03	48	ND	ND	4	ND	15	ND	ND	48
20+50N 1+50.0E	1.1	.96	19	ND	19	ND	.05	.7	ND	2	28	.56	.02	.02	246	24	.01	3	.16	38	ND	ND	3	ND	4	ND	ND	14
20+50N 1+62.5E	.6	.24	15	ND	4	ND	.03	.3	1	1	2	.08	.04	.01	123	19	.01	2	.01	44	ND	ND	5	ND	1	ND	ND	3
20+50N 1+75.0E	.1	2.76	325	8	11	ND	.02	.1	7	48	38	18.80	.10	.04	429	901	.40	2	.06	69	3	ND	14	ND	2	ND	ND	22
20+50N 1+87.5E	.7	1.28	27	ND	19	ND	.01	.2	1	14	19	.67	.03	.03	29	85	.01	3	.09	42	ND	ND	3	ND	3	ND	ND	9
20+50N 2+00.0E	.6	.22	13	ND	8	ND	.04	.3	ND	1	15	.27	.04	.01	46	23	.01	2	.02	11	ND	ND	4	ND	2	ND	ND	27
20+50N 2+12.5E	2.5	.15	11	ND	9	ND	.12	2.6	ND	ND	126	.13	.02	.03	171	13	.01	4	.03	24	ND	ND	4	ND	6	ND	ND	26
20+50N 2+25.0E	.7	1.05	64	ND	20	ND	.02	.1	3	13	10	.57	.05	.07	41	94	.01	2	.01	141	ND	ND	6	2	3	ND	ND	24
20+50N 2+37.5E	.6	.21	11	ND	12	ND	.14	.7	ND	ND	22	.07	.02	.06	142	8	.01	2	.03	9	ND	ND	3	ND	25	ND	ND	26
20+50N 2+50.0E	.7	3.77	382	ND	39	ND	.03	.1	8	109	37	7.62	.05	.57	184	93	.17	30	.03	52	ND	ND	19	ND	2	ND	ND	39
20+50N 2+62.5E	.1	1.41	9	ND	25	3	.08	.1	3	8	16	1.79	.03	.44	117	9	.03	17	.03	ND	ND	ND	3	ND	5	ND	ND	23
20+50N 2+75.0E	.2	1.29	16	ND	13	ND	.03	.1	5	74	26	4.86	.06	.33	98	28	.08	20	.03	12	ND	ND	6	2	1	ND	ND	21
20+50N 2+87.5E	.1	.58	71	ND	18	ND	.06	.1	1	20	19	1.58	.04	.05	38	19	.01	7	.05	32	ND	ND	7	2	5	ND	ND	11
20+50N 3+00.0E	.2	.18	23	ND	6	ND	.01	.5	1	5	4	.13	.05	.01	16	6	.01	4	.01	102	ND	ND	61	ND	1	4	3	2
20+50N 3+12.5E	.1	1.55	12	ND	42	ND	.02	.1	7	119	10	2.16	.05	1.02	149	17	.06	38	.02	9	ND	ND	5	ND	1	ND	ND	38
20+50N 3.25.0E	.1	.53	15	ND	24	ND	.09	.3	1	13	7	.58	.04	.09	35	19	.01	5	.03	13	ND	ND	3	ND	8	ND	ND	12
20+50N 3+37.5E	.1	.40	8	ND	8	ND	.01	.1	2	27	2	.70	.05	.14	54	62	.01	5	.02	4	ND	ND	4	ND	1	ND	3	8
20+50N 3+50.0E	1.3	.98	17	ND	40	4	.01	.2	3	33	42	1.19	.05	.37	53	6	.01	15	.06	3	ND	ND	4	ND	2	ND	ND	17
20+50N 0+ 0.0W	1.1	.21	14	ND	5	4	.03	1.1	2	3	28	.23	.05	.02	35	26	.01	ND	.02	13	ND	ND	5	2	2	ND	ND	13
20+50N 0+12.5W	.1	.30	10	ND	25	ND	.18	.6	ND	2	142	.14	.03	.03	96	32	.01	5	.07	31	ND	ND	4	[illegible]	[illegible]	ND	ND	22
20+50N 0+25.0W	.1	.31	10	ND	18	ND	.10	.5	ND	1	32	.05	.03	.01	52	24	.01	3	.03	8	ND	ND	4	1	11	ND	4	10
20+50N 0+37.5W	.1	.11	9	ND	22	3	.29	3.8	ND	ND	104	.07	.04	.04	22	10	.01	2	.04	41	ND	ND	4	1	21	ND	ND	16
20+50N 0+50.0W	.1	1.87	155	ND	70	ND	.08	.1	28	33	41	7.06	.05	.38	2601	176	.16	18	.05	101	ND	ND	6	ND	12	ND	ND	61
20+50N 0+62.5W	.1	.93	29	ND	77	3	.18	.4	2	7	71	.76	.01	.05	95	59	.01	14	.09	19	ND	ND	ND	ND	29	ND	ND	23
20+50N 0+75.0W	.1	1.99	91	ND	73	ND	.30	.1	23	39	58	6.06	.04	.04	1821	99	.15	25	.05	50	ND	ND	4	ND	29	ND	ND	72
20+50N 0+87.5W	.5	1.05	11	ND	25	5	.11	.2	6	4	20	1.59	.02	.12	130	20	.01	3	.05	13	ND	ND	3	5	8	ND	ND	22
20+50N 1+00.0W	.1	.30	35	ND	11	4	.01	.1	2	17	4	.25	.02	.04	46	82	.01	1	.01	6	ND	ND	4	ND	1	ND	ND	3
20+50N 1+12.5W	.1	.22	10	ND	96	3	.73	1.5	3	1	102	.37	.01	.05	255	15	.02	8	.06	36	ND	ND	7	ND	89	ND	3	44
20+50N 1+25.0W	4.8	2.50	89	ND	32	ND	.28	1.0	13	6	57	1.08	.02	.04	4030	175	.02	7	.13	210	ND	ND	ND	ND	28	4	ND	34
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

CLIENT: OREQUEST CONSULTANTS JOB#: 870995 PROJECT: REPORT: 870995PA DATE: 87/09/08

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
20+50N 1+37.5W	.7	.55	129	ND	8	4	.05	.1	2	8	9	1.48	.03	.03	65	416	.01	7	.01	18	ND	ND	4	ND	3	ND	ND	14
20+50N 1+50.0W	.3	.17	8	ND	7	3	.03	.5	ND	2	7	.23	.02	.01	41	32	.01	2	.01	10	ND	ND	3	2	2	3	ND	9
20+50N 1+62.5W	.5	.61	11	ND	28	3	.11	.6	ND	2	31	.64	.01	.03	46	246	.01	2	.12	27	ND	ND	ND	1	22	ND	ND	21
20+50N 1+75.0W	.1	.65	88	ND	31	ND	.44	.1	3	10	48	1.93	.01	.04	391	97	.04	9	.11	49	ND	ND	ND	1	57	ND	ND	22
20+50N 1+87.5W	.1	.46	28	ND	32	ND	.25	.3	ND	2	10	.31	.01	.02	48	8	.01	7	.07	4	ND	ND	ND	1	34	ND	4	5
20+50N 2+00.0W	.1	.11	3	ND	91	4	.17	2.2	ND	ND	75	.07	.01	.06	132	42	.01	2	.05	17	ND	ND	ND	2	45	ND	3	53
20+50N 2+12.5W	.2	.24	10	ND	9	ND	.01	.1	ND	11	3	.09	.02	.02	15	26	.01	2	.01	7	ND	ND	ND	1	2	5	4	2
20+50N 2+25.0W	.1	.61	10	ND	23	ND	.06	.4	ND	4	33	.21	.01	.01	19	54	.01	6	.07	9	ND	ND	ND	2	9	ND	ND	7
20+50N 2+37.5W	.2	.08	ND	ND	4	ND	.01	.2	1	3	2	.09	.03	.01	28	27	.01	3	.01	5	ND	ND	3	2	1	ND	ND	1
20+50N 2+50.0W	.1	.16	3	ND	52	ND	.12	3.2	ND	1	152	.08	.01	.08	42	12	.02	8	.05	22	ND	ND	ND	4	53	ND	4	62
20+50N 2+62.5W	.9	1.24	11	3	34	5	.02	.1	8	19	23	4.71	.03	.23	78	363	.07	4	.01	14	ND	ND	3	9	2	ND	ND	13
20+50N 2+75.0W	.2	.63	7	ND	39	3	.02	.5	ND	4	34	2.13	.02	.03	16	34	.04	3	.07	13	ND	ND	3	1	6	ND	ND	16
20+50N 2+87.5W	1.1	.60	30	ND	11	6	.03	.1	5	8	14	.80	.02	.04	17	27	.01	3	.02	25	ND	ND	4	7	4	ND	ND	23
20+50N 3+00.0W	.1	.56	11	ND	25	ND	.16	.1	ND	1	24	.58	.01	.01	10	21	.01	6	.09	11	ND	ND	ND	1	22	ND	ND	6
21+50N 0+12.5E	.3	.22	ND	ND	8	ND	.01	.3	1	3	7	.11	.04	.01	47	29	.01	ND	.01	10	ND	ND	ND	4	2	ND	ND	1
21+50N 0+25.0E	2.0	.50	8	ND	21	ND	.01	.7	1	7	20	.57	.03	.04	15	41	.01	3	.05	10	ND	ND	3	3	2	ND	3	10
21+50N 0+37.5E	.8	.15	20	ND	11	ND	.41	1.8	ND	1	105	.13	.02	.03	194	15	.01	2	.06	37	ND	ND	ND	3	10	ND	ND	40
21+50N 0+50.0E	1.4	.13	5	ND	15	ND	.16	1.0	ND	ND	67	.06	.01	.02	25	6	.01	5	.05	20	ND	ND	3	2	29	ND	ND	42
21+50N 0+62.5E	.2	.10	ND	ND	3	ND	.05	.5	ND	1	9	.15	.01	.01	15	9	.01	ND	.01	5	ND	ND	ND	ND	2	ND	ND	10
21+50N 0+75.0E	.2	.25	ND	ND	8	ND	.03	1.2	ND	2	11	.10	.01	.01	59	14	.01	2	.01	16	ND	ND	ND	2	2	ND	ND	5
21+50N 0+87.5E	.1	.86	6	ND	19	ND	.06	.6	ND	3	30	.29	.01	.03	25	58	.01	15	.15	15	ND	ND	ND	ND	6	ND	ND	12
21+50N 1+00.0E	.4	.57	3	ND	18	ND	.01	.4	1	7	13	.67	.02	.07	27	60	.01	9	.05	12	ND	ND	ND	2	2	ND	3	12
21+50N 1+12.5E	1.4	1.73	138	ND	22	ND	.02	.1	ND	16	21	4.13	.01	.01	116	177	.08	4	.13	18	ND	ND	ND	ND	3	ND	ND	9
21+50N 1+25.0E	1.0	.45	18	ND	10	ND	.02	.3	3	9	19	.49	.02	.07	43	130	.01	4	.02	28	ND	ND	ND	5	4	ND	ND	11
21+50N 1+37.5E	.8	.28	3	ND	10	ND	.01	.3	ND	2	3	.33	.01	.01	30	35	.01	3	.01	2	ND	ND	ND	1	1	ND	ND	7
21+50N 1+50.0E	.4	.27	9	ND	13	ND	.05	.8	ND	ND	14	.29	.01	.01	21	44	.01	ND	.02	6	ND	ND	ND	2	2	ND	ND	9
21+50N 1+62.5E	2.1	.36	16	ND	13	ND	.02	2.0	ND	1	38	.32	.01	.02	14	36	.01	2	.07	31	ND	ND	ND	2	4	ND	ND	17
21+50N 1+75.0E	.4	.11	ND	ND	19	ND	.17	.8	ND	ND	21	.04	.01	.05	16	17	.02	2	.03	2	ND	ND	ND	2	33	ND	ND	42
21+50N 1+87.5E	4.4	1.29	86	ND	18	ND	.09	.2	ND	3	25	1.21	.01	.02	67	109	.02	8	.12	74	ND	ND	ND	ND	7	ND	ND	14
21+50N 2+00.0E	.1	.13	ND	ND	17	ND	.13	1.5	ND	ND	50	.07	.01	.04	16	16	.02	1	.05	19	ND	ND	ND	3	8	ND	ND	41
21+50N 2+12.5E	.3	.17	ND	ND	9	ND	.04	1.4	ND	3	20	.29	.01	.02	15	38	.01	2	.04	25	ND	ND	ND	1	2	ND	ND	9
21+50N 2+25.0E	3.6	1.12	17	ND	46	ND	.03	.1	2	29	21	.62	.02	.30	69	84	.01	18	.08	169	ND	ND	ND	2	3	ND	ND	18
21+50N 2+37.5E	.9	.93	7	ND	20	ND	.03	.2	ND	7	30	.25	.01	.02	18	26	.01	8	.10	37	ND	ND	ND	1	4	ND	ND	10
21+50N 2+50.0E	1.5	.57	ND	ND	22	ND	.04	.7	ND	4	17	.21	.01	.02	76	14	.01	6	.07	19	ND	ND	ND	1	6	ND	ND	12
21+50N 2+62.5E	.3	.22	ND	ND	10	ND	.01	.9	1	6	9	.09	.01	.01	11	23	.01	1	.02	11	ND	ND	ND	2	2	ND	ND	6
21+50N 2+75.0E	.1	.69	8	ND	16	ND	.02	.3	ND	6	29	.39	.01	.01	16	9	.01	6	.11	17	ND	ND	ND	2	4	ND	ND	8
21+50N 2+87.5E	.2	.58	ND	ND	16	ND	.04	.2	1	31	11	.35	.01	.10	45	28	.01	5	.03	10	ND	ND	3	3	2	ND	ND	8
21+50N 3+00.0E	.4	.54	5	ND	20	ND	.09	.2	ND	20	60	.72	.01	.03	11	13	.01	4	.15	30	ND	ND	3	2	5	ND	ND	12
21+50N 3+12.5E	.5	.41	32	ND	21	ND	.01	.1	4	19	8	.64	.04	.11	57	66	.01	7	.01	16	ND	ND	3	5	2	ND	ND	10
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

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
21+50N 3+25.0E	.1	.09	7	ND	22	ND	.53	2.1	ND	ND	141	.15	.02	.03	23	4	.01	4	.05	21	ND	ND	ND	2	11	ND	7	14
21+50N 3+37.5E	.6	.39	22	ND	11	ND	.03	.4	2	6	7	.12	.03	.01	30	8	.01	1	.01	12	ND	ND	4	2	1	ND	4	2
21+50N 3+50.0E	.6	.16	5	ND	59	ND	.39	1.1	ND	ND	41	.03	.03	.05	38	2	.01	2	.04	11	ND	ND	ND	1	29	ND	7	39
22+00N 0+12.5E	.8	.34	5	ND	6	ND	.07	.8	ND	ND	10	.11	.04	.01	189	241	.01	ND	.02	10	ND	ND	ND	ND	2	ND	6	8
22+00N 0+25.0E	6.2	.09	3	ND	11	ND	.12	2.2	ND	ND	17	.06	.03	.02	464	19	.01	ND	.06	26	ND	ND	3	2	3	ND	4	25
22+00N 0+37.5E	.4	.79	13	ND	3	ND	.01	.1	1	ND	4	.47	.05	.02	111	73	.01	ND	.01	6	ND	ND	3	ND	1	5	3	26
22+00N 0+50.0E	2.6	3.35	37	ND	32	ND	.12	.2	ND	9	20	.38	.03	.03	46	60	.01	2	.20	144	ND	ND	ND	ND	13	3	ND	13
22+00N 0+62.5E	.5	.52	ND	ND	6	ND	.01	.3	ND	3	ND	.09	.05	.01	17	32	.01	ND	.01	7	ND	ND	ND	ND	1	ND	6	2
22+00N 0+75.0E	.4	.19	12	ND	11	ND	.01	1.2	ND	1	35	.32	.03	.01	46	196	.01	ND	.01	15	ND	ND	3	ND	2	ND	ND	28
22+00N 0+87.5E	.4	1.26	255	ND	26	ND	.11	.1	ND	4	51	2.75	.03	.02	66	96	.05	1	.16	30	ND	ND	3	ND	11	ND	ND	21
22+00N 1+00.0E	.6	.51	17	ND	13	ND	.02	.2	1	4	19	.12	.04	.01	27	64	.01	ND	.02	23	ND	ND	3	1	2	ND	ND	5
22+00N 1+12.5E	1.0	.34	7	ND	30	3	.03	.6	1	1	18	.27	.03	.02	28	22	.01	3	.05	11	ND	ND	ND	ND	17	ND	3	23
22+00N 1+25.0E	.1	.51	8	ND	21	ND	.05	1.6	2	7	137	.94	.03	.08	41	13	.02	11	.10	76	ND	ND	3	2	7	ND	ND	30
22+00N 1+37.5E	1.0	.37	8	3	12	ND	.01	.4	4	8	8	.14	.05	.01	21	60	.01	ND	.01	31	ND	ND	5	12	1	ND	3	3
22+00N 1+50.0E	.2	.21	3	ND	9	ND	.04	1.5	ND	1	40	.05	.02	.07	40	3	.01	ND	.03	22	ND	ND	ND	2	7	ND	ND	61
22+00N 1+62.5E	.4	.21	4	ND	22	ND	.11	1.8	ND	ND	37	.15	.03	.04	42	10	.01	2	.06	10	ND	ND	ND	ND	21	ND	ND	32
22+00N 1+87.5E	.6	.23	7	ND	40	ND	.24	1.8	ND	ND	158	.11	.03	.04	26	7	.01	4	.06	62	ND	ND	3	1	23	ND	ND	71
22+00N 2+00.0E	.6	.84	.3	ND	22	ND	.07	.6	1	2	42	.74	.03	.03	31	10	.01	4	.15	23	ND	ND	ND	ND	9	ND	ND	20
22+00N 2+12.5E	.5	.49	10	ND	15	ND	.03	.5	1	2	26	.24	.03	.01	25	4	.01	4	.06	12	ND	ND	ND	ND	4	ND	ND	10
22+00N 2+25.0E	.4	.51	13	ND	12	4	.03	1.0	ND	3	81	.07	.04	.01	19	11	.01	5	.06	14	ND	ND	ND	ND	3	ND	ND	7
22+00N 2+37.5E	.6	.50	5	ND	15	3	.07	.7	2	16	40	.76	.02	.04	30	13	.01	17	.11	11	ND	ND	ND	1	5	ND	ND	15
22+00N 2+50.0E	.1	.13	ND	ND	41	ND	.41	.8	ND	1	27	.09	.02	.07	24	5	.01	5	.04	1	ND	ND	ND	ND	21	ND	ND	41
22+00N 2+62.5E	.2	1.36	9	ND	13	ND	.02	.2	ND	19	8	1.17	.01	.01	13	2	.01	5	.15	ND	ND	ND	ND	ND	3	ND	ND	5
22+00N 2+75.0E	.1	.22	4	ND	22	ND	.02	.3	ND	1	22	.28	.02	.02	17	5	.01	2	.07	1	ND	ND	ND	1	5	ND	ND	12
22+00N 2+87.5E	.4	.29	ND	ND	11	3	.01	.5	1	12	6	.54	.02	.01	10	8	.01	2	.02	5	ND	ND	ND	1	2	ND	ND	4
22+00N 3+00.0E	.1	.12	ND	ND	18	ND	.22	1.2	ND	ND	83	.09	.03	.04	64	3	.01	ND	.05	22	ND	ND	ND	1	13	ND	ND	17
22+00N 3+12.5E	1.1	.69	ND	ND	107	ND	.02	.7	3	42	22	.57	.04	.36	52	2	.01	21	.03	1	ND	ND	ND	ND	5	ND	ND	26
22+00N 3+25.0E	.1	.39	ND	ND	12	ND	.05	.6	ND	2	18	.25	.02	.02	45	3	.01	1	.05	5	ND	ND	ND	1	5	ND	ND	11
22+00N 3+37.5E	.4	.65	16	ND	16	ND	.06	.1	ND	16	27	1.73	.03	.03	15	23	.02	4	.09	9	ND	ND	ND	ND	7	ND	ND	8
22+00N 3+50.0E	.2	.11	ND	ND	34	ND	.39	1.2	ND	ND	43	.09	.04	.03	21	2	.01	ND	.04	5	ND	ND	ND	1	26	ND	ND	36
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: 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,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: OREQUEST CONSULTANTS LTD.
ATTENTION: ED MCCROSSAN
PROJECT: RICHMARK TIDEWATER

REPORT#: 870981PA
JOB#: 870981
INVOICE#: 870981NA

DATE RECEIVED: 87/08/10
DATE COMPLETED: 87/09/02
COPY SENT TO:

ANALYST W. Thomas

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
12801	.4	.18	48	ND	7	ND	.05	.1	2	21	48	.53	.03	.02	83	853	.01	4	.01	12	ND	ND	6	ND	2	ND	ND	4
12802	.8	.24	340	ND	10	ND	.03	.1	1	80	14	.64	.05	.01	201	155	.01	4	.01	18	ND	ND	7	ND	2	ND	ND	12
12803	2.0	.80	1681	ND	40	ND	.59	.1	1	16	45	1.62	.10	.09	1537	13	.13	3	.02	80	ND	ND	6	ND	53	3	ND	291
12804	5.4	.23	810	ND	13	ND	.12	.1	3	52	19	4.01	.07	.03	633	2240	.10	9	.01	147	ND	ND	10	ND	8	ND	ND	86
12805	3.4	.56	1713	ND	25	ND	.41	.1	3	168	41	1.95	.06	.12	1896	319	.05	7	.01	959	ND	ND	5	ND	18	ND	ND	46
12806	1.2	.62	248	ND	33	ND	.80	6.3	ND	33	16	1.50	.08	.22	4115	31	.18	6	.01	226	ND	ND	3	ND	46	ND	ND	363
12807	5.7	.30	2559	ND	15	ND	.99	.1	6	228	26	3.25	.06	.02	1226	1647	.07	7	.01	202	ND	ND	7	ND	52	ND	ND	30
12808	>100	.39	270	6	32	223	.12	>1000	7	50	2687	2.13	.07	.04	568	2988	.44	13	.01	30103	ND	ND	45	46	7	ND	ND	39219
12809	12.1	.21	133	ND	9	4	.04	31.9	2	326	101	.77	.05	.01	115	155	.46	10	.01	855	ND	ND	7	ND	3	ND	ND	1072
12810	5.6	.31	2117	ND	19	ND	.76	.1	7	37	45	3.35	.08	.19	4317	822	.25	5	.01	397	ND	ND	9	ND	48	ND	ND	405
12811	3.4	.52	1010	ND	17	ND	.23	.1	8	157	30	4.02	.13	.07	397	24402	.09	13	.04	170	ND	ND	9	ND	28	ND	8	93
12812	10.7	.55	536	ND	28	ND	.26	16.4	1	30	50	1.04	.10	.03	433	885	.29	1	.01	1098	ND	ND	6	ND	9	ND	ND	692
12813	6.2	.26	688	ND	8	ND	.50	5.1	1	157	26	.95	.07	.01	902	91	.14	4	.01	567	ND	ND	6	ND	19	ND	ND	377
12814	6.1	.51	309	ND	20	ND	.50	.1	ND	198	26	4.37	.09	.14	2689	228	.09	6	.01	511	ND	ND	7	ND	18	ND	ND	47
12815	8.9	.34	1506	ND	12	3	.28	6.9	4	28	108	3.85	.10	.02	449	72	.24	5	.01	251	ND	ND	8	ND	13	5	ND	542
12816	2.9	.81	60	ND	16	ND	.31	.9	2	223	69	4.72	.13	.38	3366	870	.07	7	.02	54	ND	ND	8	ND	25	11	ND	190
12817	2.6	.36	27	ND	11	ND	.37	1.2	1	51	24	1.17	.07	.03	450	45	.01	7	.01	139	ND	ND	6	ND	13	ND	ND	55
12818	24.2	.35	352	ND	32	50	.37	.1	3	64	15	1.01	.06	.18	288	17	.01	29	.01	403	ND	ND	21	ND	18	ND	21	22
12819	1.0	1.70	16	ND	32	ND	2.15	.1	6	192	7	1.13	.08	.24	1820	15	.05	29	.05	12	ND	ND	3	ND	99	ND	ND	126
12820	.1	3.44	58	ND	49	3	.48	.1	18	70	17	5.38	.08	2.78	505	48	.24	201	.05	6	ND	ND	5	ND	25	ND	ND	133
12821	.1	.52	9	ND	8	ND	8.24	.1	ND	169	7	1.15	.09	.53	2658	77	.04	19	.01	13	ND	ND	ND	ND	693	ND	ND	21
12822	>100	.11	787	ND	8	6	.12	.1	2	29	34	1.92	.08	.02	80	4945	.09	7	.01	935	ND	ND	47	1	10	ND	21	173
12823	.1	2.27	163	ND	38	ND	.11	.1	11	201	27	3.50	.06	2.01	799	246	.12	102	.02	32	ND	ND	9	ND	7	ND	ND	74
12824	1.9	1.75	516	ND	116	ND	.09	.1	12	115	23	3.08	.13	1.32	650	335	.11	90	.03	14	ND	ND	7	ND	5	ND	ND	86
12825	.6	.13	44	ND	8	ND	.18	.1	2	188	13	.42	.07	.10	172	5838	.01	7	.01	12	ND	ND	6	ND	11	ND	7	7
12826	.8	.19	30	ND	17	ND	.25	.4	1	156	5	.31	.06	.12	274	1134	.01	7	.01	9	ND	ND	4	ND	17	ND	ND	7
12827	1.1	.09	200	ND	5	ND	.17	.1	3	32	19	.52	.10	.08	123	12847	.01	9	.02	18	ND	ND	7	1	14	ND	ND	9
12828	.1	1.45	40	4	22	ND	8.87	.1	16	37	14	5.99	.09	5.57	3661	350	.32	41	.12	4	ND	ND	ND	ND	940	ND	ND	60
12829	.1	.20	78	ND	7	ND	1.19	.1	9	49	48	.95	.15	.67	453	46141	.01	16	.08	39	ND	ND	8	7	86	ND	ND	18
12830	1.7	.17	36	ND	14	ND	.04	.3	1	77	5	.53	.09	.02	136	877	.01	5	.01	27	ND	ND	7	ND	4	5	ND	57
12831	17.4	.25	14	ND	35	90	.35	2.6	2	31	11	.47	.07	.05	150	198	.07	7	.01	113	ND	ND	8	ND	14	ND	ND	176
12832	1.3	1.20	43	ND	25	3	1.85	.1	9	194	7	1.91	.10	.91	782	633	.07	87	.03	14	ND	ND	6	ND	110	ND	ND	84
12833	.8	2.34	29	ND	73	ND	.45	.1	16	165	10	3.44	.08	2.09	455	728	.12	142	.05	9	ND	ND	6	ND	40	ND	ND	64
12834	.6	.46	38	ND	17	ND	.44	.1	5	246	22	.70	.12	.15	309	17934	.01	18	.01	178	ND	ND	8	3	28	ND	ND	7
12835	1.7	.38	30	ND	16	ND	.20	.2	2	35	8	.89	.10	.03	129	331	.01	9	.01	30	ND	ND	8	ND	13	6	ND	6
12836	.5	1.48	104	ND	23	ND	2.98	.1	10	110	4	2.05	.10	1.47	1382	143	.09	91	.01	7	ND	ND	4	ND	357	ND	ND	60
12837	.3	2.48	27	ND	61	ND	1.46	.1	9	23	17	3.52	.09	1.83	1005	73	.15	32	.06	10	ND	ND	4	ND	81	ND	ND	79
12838	.1	2.19	112	ND	45	ND	4.04	.1	14	150	10	3.57	.09	1.95	1648	906	.17	127	.04	7	ND	ND	ND	ND	372	ND	ND	80
12839	1.2	.71	39	ND	54	ND	.65	.1	3	35	9	1.07	.09	.33	398	48	.01	24	.01	28	ND	ND	6	ND	28	ND	ND	37

CLIENT: OREQUEST CONSULTANTS LTD. JOB#: 870981 PROJECT: RICHMARK TIDEWATER REPORT: 870981PA DATE: 87/09/02

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
12840	.8	.76	121	ND	21	ND	.77	.1	4	171	9	1.11	.05	.37	414	23	.01	39	.01	39	ND	ND	3	ND	24	ND	ND	33
12841	.4	.19	38	ND	7	ND	.10	.1	ND	177	6	.33	.03	.03	83	54	.01	5	.01	14	ND	ND	4	1	3	ND	ND	6
12842	.4	.02	14	ND	1	ND	.01	.1	ND	37	4	.24	.04	.01	36	13	.01	2	.01	8	ND	ND	4	ND	ND	4	ND	1
12843	.1	1.27	13	ND	139	ND	.39	.1	7	104	9	1.49	.05	.63	676	100	.03	54	.02	5	ND	ND	ND	ND	36	ND	ND	50
12844	.3	3.51	28	ND	408	7	.48	.1	14	174	8	2.67	.22	2.05	594	25	.07	140	.04	1	ND	ND	ND	ND	57	ND	ND	71
12845	.7	.57	15	ND	60	4	.09	.1	3	198	7	.76	.09	.33	114	15	.01	25	.01	10	ND	ND	4	1	10	4	9	11
12846	>100	.20	43	ND	20	13	.08	22.8	1	44	96	.35	.09	.03	44	119	.35	3	.01	843	ND	ND	357	1	11	9	32	827
12847	84.8	.22	908	ND	17	3	.02	.3	1	71	28	.34	.11	.01	28	1604	.06	3	.01	243	ND	ND	95	ND	3	14	15	218
12848	4.7	1.63	267	ND	214	3	.06	.1	8	81	13	2.33	.17	.86	567	531	.04	31	.01	18	ND	ND	8	1	7	9	ND	59
12849	2.4	.89	55	ND	81	4	.09	.1	5	140	6	1.30	.11	.48	332	99	.01	27	.01	12	ND	ND	5	ND	8	10	3	37
12850	4.4	.90	47	ND	62	ND	.13	.1	4	79	5	1.26	.09	.51	319	96	.02	30	.02	11	ND	ND	6	ND	10	7	ND	42
12901	3.1	.29	110	ND	11	4	.02	.1	1	114	6	.53	.08	.04	166	250	.01	4	.01	32	ND	ND	5	1	2	8	ND	18
12902	1.6	.16	60	ND	6	3	.01	.1	1	40	4	.51	.09	.01	119	96	.01	3	.01	18	ND	ND	5	ND	1	12	ND	20
12903	.7	2.38	38	ND	305	3	.09	.1	15	196	12	3.91	.18	1.59	1243	55	.17	116	.04	6	ND	ND	3	1	5	ND	ND	152
12904	1.2	.85	13	ND	94	ND	.02	.1	4	45	11	1.39	.13	.44	242	65	.01	19	.01	14	ND	ND	4	1	2	10	ND	28
12905	.3	.28	26	ND	28	ND	.02	.1	1	87	7	.61	.04	.04	1082	347	.01	2	.01	29	ND	ND	3	ND	3	ND	ND	15
12906	1.3	.18	127	ND	5	ND	.03	.1	ND	16	7	.77	.05	.01	189	122	.01	ND	.01	18	ND	ND	4	1	1	7	ND	6
12907	.8	.25	49	ND	11	ND	.03	.1	1	121	9	.62	.05	.02	619	50	.01	ND	.01	36	ND	ND	3	ND	3	3	ND	8
12908	1.6	.12	154	ND	15	3	.01	.1	2	42	9	.61	.07	.01	79	6521	.01	4	.01	87	ND	ND	4	1	1	ND	ND	6
12909	>100	.14	12683	(3)	8	58	.01	82.9	4	123	169	3.18	.06	.01	89	1457	3.30	3	.01	29466	ND	ND	66	4	2	ND	ND	7015
12910	3.6	.31	97	ND	59	4	.14	.6	1	23	19	1.21	.08	.07	145	31	.01	14	.02	307	ND	ND	4	ND	12	ND	ND	118
12911	"	.1	3.70	52	(3)	183	ND	2.32	.7	41	184	35	6.94	.09	3.56	1018	11	.32	182	.22	109	ND	ND	ND	ND	162	ND	ND	177
12912		2.4	.35	294	ND	50	3	.25	3.5	1	22	20	1.51	.09	.07	235	29	.04	7	.02	142	ND	ND	5	ND	16	4	ND	164
12913		8.5	.09	532	ND	12	3	.01	.1	2	174	13	.39	.07	.01	40	9469	.01	9	.01	223	ND	ND	6	3	2	ND	10	55
12914	"	6.8	.04	611	(3)	4	ND	.04	.1	4	26	11	6.32	.07	.20	262	5807	.14	7	.01	291	ND	ND	12	2	3	ND	ND	29
12915		.7	.28	68	ND	20	ND	.81	.1	1	22	3	.45	.07	.02	570	1264	.01	2	.01	50	ND	ND	3	ND	20	6	ND	20
12916		.5	.07	33	ND	4	ND	.64	.1	1	27	9	.73	.05	.33	649	2938	.01	10	.01	21	ND	ND	ND	ND	45	ND	ND	10
12917		4.6	.23	30	ND	22	7	.26	5.4	3	52	15	.63	.05	.21	296	13005	.06	12	.04	289	ND	ND	3	2	16	ND	ND	156
12918		.1	.48	130	ND	26	ND	.65	.7	6	36	42	1.25	.05	.36	567	28274	.05	28	.06	33	ND	ND	ND	3	31	ND	5	93
12919		.1	.04	16	ND	1	ND	.12	.1	ND	43	4	.35	.02	.05	160	1504	.01	2	.01	12	ND	ND	3	1	6	ND	ND	7
12920		1.3	.05	65	ND	3	ND	.36	.1	1	29	6	.43	.09	.12	480	303	.01	4	.03	30	ND	ND	5	ND	19	15	ND	31
12921		.1	4.64	14	ND	130	5	3.65	.1	24	37	20	4.87	.16	2.60	857	54	.07	54	.17	ND	ND	ND	ND	ND	286	6	ND	82
12951		2.6	.30	57	ND	9	ND	.35	.2	3	31	7	.76	.14	.18	129	1621	.01	10	.01	26	ND	ND	6	1	44	18	ND	22
12952		25.2	1.15	25341	(4)	27	ND	.49	.1	10	52	5	3.94	.19	.86	1027	274	.07	76	.02	280	ND	ND	32	ND	32	11	ND	32
12953		3.0	1.09	1845	ND	68	3	1.28	.1	6	51	14	1.07	.17	.47	338	4372	.01	47	.02	29	ND	ND	7	ND	66	21	ND	23
12954		9.1	.86	13344	(3)	51	3	1.36	.1	6	13	9	2.44	.19	.51	1141	620	.08	23	.04	782	ND	ND	19	ND	59	18	ND	172
12955		2.2	.17	1028	ND	6	4	.82	.1	3	41	8	.56	.16	.14	293	3890	.01	5	.01	74	ND	ND	7	ND	35	26	ND	18
12956		1.5	2.13	101	(3)	48	ND	2.41	.1	8	30	33	1.28	.19	.37	643	430	.01	36	.31	12	ND	ND	3	ND	84	23	ND	93
12957		2.1	1.26	75	ND	75	4	.40	.1	8	104	23	1.60	.21	.68	365	196	.01	47	.05	11	ND	ND	5	ND	18	30	ND	39
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

CLIENT: OREQUEST JOB#: 870981 PROJECT: RICHMARK TIDEWATER REPORT: 870981PA DATE: 87/09/02 PAGE 3 OF 4

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
12958	.1	5.44	3	ND	331	ND	2.27	.1	14	248	83	3.29	.21	1.68	617	90	.03	117	.06	9	ND	ND	ND	ND	187	ND	ND	96
12959	.1	1.98	30	ND	165	4	.25	.1	16	92	38	3.37	.17	1.38	811	6695	.12	61	.02	4	ND	ND	ND	1	20	ND	ND	108
12960	.1	.16	54	ND	10	ND	.20	.1	1	54	7	.89	.01	.09	184	451	.02	12	.05	ND	ND	ND	3	ND	7	ND	ND	9
12961	.1	1.33	541	ND	113	ND	.57	.1	3	169	10	.78	.03	.39	307	855	.01	15	.04	ND	ND	ND	ND	ND	32	ND	ND	23
12962	.1	.35	48	ND	14	ND	.20	.1	1	161	11	.50	.07	.03	284	26	.01	4	.01	26	ND	ND	4	ND	7	9	ND	35
12963	.1	6.89	ND	ND	217	ND	4.09	.1	5	40	19	1.86	.16	.84	1353	239	.01	18	.07	13	ND	ND	ND	ND	193	ND	ND	89
12964	.1	1.78	19	ND	187	ND	.44	.1	9	158	18	2.19	.18	1.09	644	386	.06	55	.10	2	ND	ND	ND	ND	18	ND	ND	57
12965	.1	4.62	ND	ND	193	ND	3.32	.1	6	23	10	1.94	.16	.60	1895	446	.02	15	.23	5	ND	ND	ND	ND	156	ND	ND	134
12966	.1	3.25	ND	ND	126	ND	2.54	.1	13	224	75	2.82	.12	.70	762	743	.04	73	.33	ND	ND	ND	ND	ND	141	ND	ND	56
12967	.1	.21	ND	ND	11	ND	10.91	.1	ND	21	7	1.54	.01	1.20	6190	80	.07	6	.01	ND	ND	ND	ND	ND	737	ND	ND	3
12968	.087	26.8	2.08	159	3	50	9	2.97	52.6	22	79	424	4.90	.24	1.26	2189	116	.90	91	.57	1674	ND	ND	12	ND	99	ND	56	2349
12969	.3	1.19	19	ND	42	ND	1.20	2.7	8	98	38	2.02	.01	.69	989	928	.12	70	.06	104	ND	ND	ND	ND	63	ND	ND	218
12970	.1	2.01	3258	ND	105	ND	.32	.1	15	191	51	3.62	.11	1.38	737	93	.13	146	.03	36	ND	ND	ND	ND	15	ND	ND	79
12971	1.2	.33	98	ND	10	3	.39	4.5	ND	177	12	.58	.01	.08	500	29	.11	6	.01	145	ND	ND	3	ND	16	3	ND	345
12972	.1	.41	18	ND	10	ND	.27	.1	ND	30	7	.91	.01	.04	481	13	.01	4	.01	19	ND	ND	ND	ND	14	ND	ND	39
12973	.6	.27	79	ND	14	ND	.35	1.6	ND	149	4	.29	.01	.01	369	65	.04	1	.01	128	ND	ND	ND	ND	12	ND	ND	109
12974	8.5	.32	251	ND	10	3	.63	38.3	ND	36	19	1.20	.01	.02	614	ND	.62	2	.01	900	ND	ND	4	ND	21	ND	29	1789
12975	.4	.31	190	ND	12	ND	.04	.8	ND	136	6	.57	.01	.01	130	49	.04	2	.01	49	ND	ND	ND	ND	4	ND	ND	111
12976	.1	.29	183	ND	9	ND	.22	.1	ND	33	7	.72	.01	.01	307	671	.02	4	.01	47	ND	ND	4	ND	6	ND	ND	45
12977	.204	>100	.12	39973	7	7	24	.02	.1	ND	204	103	4.27	.01	.01	156	75	1.67	5	.01	43014	ND	ND	1275	18	1	ND	ND	4822
12978	18.0	.37	318	ND	20	ND	.45	.1	ND	52	14	.94	.01	.01	477	5723	.03	11	.01	877	ND	ND	11	ND	17	ND	ND	65
12979	3.1	.19	136	ND	6	ND	.02	.1	ND	27	4	.60	.01	.01	126	390	.02	1	.01	185	ND	ND	5	ND	1	ND	ND	12
12980	.8	.33	334	ND	12	ND	1.06	.1	3	67	30	.59	.03	.01	545	29578	.01	5	.03	164	ND	ND	3	1	25	ND	3	12
12981	.3	.37	727	ND	9	ND	.36	.1	ND	36	5	.79	.01	.01	364	863	.01	1	.01	60	ND	ND	4	ND	13	ND	ND	91
12982	20.0	.41	302	ND	17	ND	.35	.4	ND	217	4	.56	.01	.01	311	166	.02	2	.01	1107	ND	ND	10	ND	11	ND	ND	54
12983	.1	.41	335	ND	15	ND	.48	.1	ND	179	2	.38	.01	.01	513	123	.03	ND	.01	84	ND	ND	3	ND	13	ND	3	63
12984	.1	.46	170	ND	17	ND	1.81	.1	ND	21	3	.40	.01	.01	714	542	.01	2	.01	14	ND	ND	ND	ND	48	ND	ND	17
12985	.1	1.95	5	ND	160	3	.89	.1	17	164	106	2.97	.14	1.12	803	6	.07	116	.04	3	ND	ND	ND	ND	38	ND	ND	56
12986	1.4	.44	9	ND	16	ND	.23	.1	ND	147	4	.85	.01	.09	529	49	.01	1	.01	106	ND	ND	3	ND	7	ND	ND	40
12987	.1	.51	62	ND	14	ND	2.00	.1	ND	13	20	1.50	.01	1.02	1651	ND	.04	5	.01	9	ND	ND	ND	ND	191	ND	3	11
12988	.1	.40	58	ND	15	ND	.72	.1	ND	165	4	.43	.01	.03	460	1	.02	3	.01	41	ND	ND	ND	ND	32	ND	ND	69
12989	.1	.34	346	ND	13	ND	.27	.1	ND	38	4	.74	.01	.06	443	531	.01	3	.01	55	ND	ND	4	ND	11	ND	ND	3
12990	.1	4.45	ND	ND	336	ND	2.38	.1	15	102	23	2.84	.38	1.51	1428	7219	.04	59	.03	24	ND	ND	ND	ND	151	ND	ND	91
12991	.1	.39	12	ND	15	ND	.99	.1	ND	22	5	.44	.01	.03	393	124	.01	3	.01	33	ND	ND	3	ND	44	11	ND	50
12992	.1	.65	65	ND	30	ND	4.45	.1	1	60	10	.81	.13	.84	923	14991	.03	2	.01	18	ND	ND	ND	ND	268	ND	ND	11
12993	.1	.80	21	ND	46	ND	2.27	.1	13	32	25	3.06	.05	1.36	1742	302	.10	89	.02	ND	ND	ND	ND	ND	233	ND	ND	100
12994	.1	2.51	13	ND	105	ND	2.37	.1	9	132	30	1.67	.09	.77	456	1609	.04	51	.05	4	ND	ND	ND	ND	132	ND	ND	32
12995	.1	2.17	ND	ND	74	ND	1.54	.1	11	46	60	3.81	.03	1.37	1259	37	.11	79	.04	ND	ND	ND	ND	ND	102	ND	ND	99
12996	.1	2.21	ND	ND	74	ND	1.57	.1	12	46	63	3.95	.04	1.42	1309	1	.12	83	.03	ND	ND	ND	ND	ND	104	ND	ND	105
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

CLIENT: OREQUEST CONSULTANTS LTD. JOB#: 870981 PROJECT: RICHMARK TIDEWATER REPORT: 870981PA DATE: 87/09/02

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
12997	.1	1.77	ND	ND	141	ND	5.75	.1	20	9	32	2.22	.08	.39	2626	11	.04	35	.35	2	ND	ND	6	ND	95	ND	172	38
12998	.1	2.16	10	ND	214	7	1.63	.1	8	53	9	1.79	.11	1.10	651	945	.01	33	.04	ND	ND	ND	3	ND	102	ND	5	39
12999	.1	5.33	ND	ND	516	3	2.67	.1	13	92	10	2.90	.20	1.73	786	202	.02	104	.05	ND	ND	ND	ND	ND	189	ND	ND	93
13000	.1	2.20	14	ND	52	3	1.45	.1	5	11	55	3.00	.08	1.54	618	8	.10	22	.10	ND	ND	ND	ND	ND	83	ND	ND	65
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

MA FFIC 1521 BER AVE. VANC R B. V7F P D4)S 211 EX:(3257
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,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: OREQUEST
ATTENTION: ED MCCROSSAN
PROJECT: RICHMARK/TIDEWATER

REPORT#: 871640PA
JOB#: 871640
INVOICE#: 87164ONA

DATE RECEIVED: 87/10/28
DATE COMPLETED: 87/11/05
COPY SENT TO:

ANALYST A. Hawes

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
03076	.1	.16	84	ND	14	ND	.17	2	179	18	.67	.05	.06	344	3548	.01	9	.01	6	ND	ND	ND	ND	8	ND	ND	57
03077	.1	.19	76	ND	4	ND	.03	ND	17	25	.45	.04	.01	115	296	.01	1	.01	13	ND	ND	4	ND	2	ND	ND	18
03078	.1	.18	139	ND	4	ND	.01	1	90	9	.33	.04	.01	60	2371	.01	5	.01	31	ND	ND	ND	ND	1	ND	ND	13
03079	.1	.27	328	ND	6	ND	.04	1	22	16	.90	.05	.04	277	141	.01	2	.01	19	ND	ND	ND	ND	2	ND	ND	24
03080	1.9	.27	382	ND	6	4	.03	1	114	3	.56	.05	.02	362	298	.01	4	.01	93	ND	ND	5	ND	1	3	3	38
03081	.1	.43	648	ND	8	3	.04	2	18	11	1.35	.07	.08	482	97	.01	3	.01	21	ND	ND	ND	ND	2	9	ND	70
03082	.1	.23	467	ND	7	ND	.04	1	108	5	.67	.05	.02	291	34	.01	4	.01	22	ND	ND	5	ND	2	6	ND	25
03083	.1	.20	1023	ND	7	ND	.03	1	16	6	.67	.05	.01	361	35	.01	3	.01	32	ND	ND	5	ND	2	7	ND	23
03084	36.1	.41	275	ND	23	45	.22	2	71	2	.33	.06	.02	1857	248	.01	2	.01	504	ND	ND	6	ND	7	8	79	77
03085	4.1	.43	570	ND	20	6	.19	2	13	2	.33	.06	.02	1329	100	.01	4	.01	141	ND	ND	ND	ND	6	ND	43	102
03086	>100	.31	110	ND	12	ND	.18	1	76	171	.11	.05	.01	256	68	.01	2	.01	5740	ND	ND	545	ND	4	9	80	45
03087	81.9	.28	3613	ND	11	5	.51	ND	11	29	1.35	.07	.01	2418	38	.48	2	.01	2407	ND	ND	65	ND	6	7	ND	1978
03088	>100	.26	249	ND	13	6	.34	1	91	59	.56	.06	.01	683	212	.01	5	.01	593	ND	ND	80	ND	7	ND	4	122
03089	26.7	.20	590	ND	12	15	.02	1	19	6	.79	.06	.01	310	22	.04	4	.01	439	ND	ND	14	ND	1	ND	ND	293
03090	>100	.14	6819	ND	6	ND	.09	1	176	2226	1.69	.05	.01	589	40	.14	4	.01	5211	ND	ND	265	1	1	ND	ND	508
03091	>100	.16	876	6	17	ND	.01	1	20	2434	2.59	.05	.01	73	105	2.24	7	.01	24562	ND	ND	7810	2	2	ND	7	8316
03092	>100	.12	8214	ND	4	38	.03	2	138	122	2.14	.05	.01	93	1615	1.07	7	.01	14188	ND	ND	239	1	2	ND	49	3876
03093	61.5	.17	1989	ND	8	3	.01	ND	18	171	.79	.05	.01	38	110	.10	4	.01	2566	ND	ND	46	ND	1	ND	ND	430
03094	>100	.17	3523	ND	14	7	.01	1	170	243	2.03	.06	.01	40	2588	.09	8	.01	19375	ND	ND	323	ND	2	ND	17	270
03095	82.3	.06	381	ND	4	ND	.01	ND	28	26	.45	.04	.01	29	433	.01	4	.01	1138	ND	ND	59	ND	ND	ND	ND	57
03096	35.4	.21	1360	ND	14	ND	.02	1	111	71	.79	.06	.01	33	2280	.01	14	.01	1927	ND	ND	11	ND	1	ND	4	48
03097	11.6	.17	591	ND	13	ND	.01	2	27	11	.56	.06	.01	92	4607	.01	7	.01	439	ND	ND	10	ND	2	ND	ND	26
03098	13.6	.17	431	ND	11	ND	.01	1	152	8	.45	.05	.01	396	298	.01	5	.01	306	ND	ND	6	ND	1	ND	8	43
03099	>100	.31	2516	ND	17	7	.02	3	22	63	1.69	.06	.03	289	807	.09	9	.01	5214	ND	ND	73	ND	4	12	324	339
03100	14.3	.18	179	ND	8	3	.01	1	180	6	.45	.05	.01	180	915	.01	6	.01	617	ND	ND	7	ND	1	ND	19	51
03151	3.5	.12	350	ND	5	8	.01	1	31	6	.45	.05	.01	83	3034	.01	4	.01	114	ND	ND	3	ND	ND	ND	ND	11
03152	1.4	.17	110	ND	4	ND	.01	1	121	1	.33	.05	.01	63	332	.01	5	.01	36	ND	ND	3	ND	1	ND	ND	7
03153	3.5	.16	52	ND	2	ND	.04	ND	18	2	.33	.05	.01	68	39	.01	5	.02	53	ND	ND	6	ND	1	ND	ND	12
03154	1.4	.14	133	ND	5	4	.06	1	137	5	.45	.05	.01	110	112	.01	7	.03	72	ND	ND	4	ND	1	ND	ND	23
03155	1.2	.16	132	ND	6	4	.02	ND	25	2	.33	.05	.01	33	28	.01	6	.01	35	ND	ND	3	ND	ND	ND	4	9
03156	2.2	.14	103	ND	6	ND	.03	ND	21	2	.33	.06	.01	43	290	.01	5	.02	36	ND	ND	5	ND	1	ND	ND	10
03157	.2	1.62	9	ND	31	ND	.79	12	92	35	2.37	.06	.74	407	42	.03	23	.04	ND	ND	ND	ND	ND	24	ND	ND	37
03158	1.2	.19	276	ND	8	ND	.09	1	125	5	.33	.06	.01	102	31	.01	2	.04	40	ND	ND	3	ND	2	10	ND	8
03159	.8	.16	107	ND	3	4	.05	1	132	3	.33	.06	.01	122	509	.01	5	.02	32	ND	ND	5	ND	1	12	ND	23
03160	1.2	.02	34	ND	1	4	.01	1	27	1	.22	.05	.01	26	15	.01	5	.01	19	ND	ND	6	ND	ND	ND	3	4
03161	.3	.04	33	ND	2	ND	.02	1	29	3	.22	.05	.01	28	6	.01	4	.01	10	ND	ND	4	ND	ND	ND	8	4
03162	.3	.17	125	ND	5	5	.01	1	162	2	.33	.05	.01	43	212	.01	6	.01	50	ND	ND	3	ND	1	ND	ND	12
03163	.7	.02	38	ND	2	3	.01	1	28	1	.22	.05	.01	26	9	.01	5	.01	11	ND	ND	4	ND	ND	ND	ND	5
03164	1.5	.22	241	ND	21	4	.01	1	112	2	.45	.06	.01	43	200	.01	2	.01	223	ND	ND	ND	ND	ND	4	ND	10
DETECTION LIMIT	.1	.01	3	3	1	3	.01	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

CLIENT: OREQUEST JOB#: 871640 PROJECT: RICHMARK/TIDEWATER REPORT: 871640PA DATE: 87/11/05

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
03165	1.9	.17	228	ND	13	ND	.02	1	16	2	.42	.04	.01	33	52	.01	7	.01	171	ND	ND	4	ND	ND	3	ND	8
03166	1.7	.16	249	ND	13	ND	.02	ND	15	2	.42	.04	.01	46	49	.01	3	.01	177	ND	ND	3	ND	1	3	ND	11
03167	.6	.02	38	ND	1	ND	.02	1	157	2	.20	.02	.01	25	4	.01	3	.01	7	ND	ND	3	ND	ND	ND	ND	3
03168	1.4	.12	49	ND	4	ND	.01	1	24	2	.20	.02	.01	30	5	.01	3	.01	19	ND	ND	4	ND	ND	ND	ND	7
03169	.8	.12	89	ND	4	ND	.03	1	119	1	.31	.02	.01	117	222	.01	2	.02	30	ND	ND	ND	1	1	ND	ND	10
03170	.9	.15	105	ND	5	ND	.01	1	17	3	.31	.03	.01	137	162	.01	4	.01	32	ND	ND	3	ND	ND	12	ND	13
03171	.6	.14	72	ND	4	4	.01	1	106	1	.20	.03	.01	37	59	.01	4	.01	14	ND	ND	4	1	1	ND	ND	12
03172	.7	.14	77	ND	2	4	.01	1	22	1	.31	.02	.01	66	95	.01	1	.01	27	ND	ND	3	1	ND	ND	3	11
03173	.6	.23	32	ND	3	4	.05	2	108	7	.53	.04	.02	249	2109	.01	2	.01	18	ND	ND	4	2	2	ND	ND	22
03174	.7	.11	66	ND	2	ND	.01	1	25	3	.31	.02	.01	72	998	.01	2	.01	11	ND	ND	4	ND	1	4	ND	9
03175	.6	.21	55	ND	2	ND	.03	1	118	2	.42	.03	.01	181	842	.01	4	.01	14	ND	ND	ND	ND	1	8	ND	17
12851	1.7	.14	230	3	3	ND	.01	1	17	4	.42	.02	.01	125	53	.01	2	.01	57	ND	ND	7	2	ND	10	ND	17
12852	13.4	.12	304	ND	7	7	.01	1	29	3	.31	.02	.01	183	20	.01	2	.01	163	ND	ND	16	1	1	4	482	20
12853	1.3	.31	723	ND	18	6	.04	2	135	5	.73	.03	.07	345	83	.01	3	.01	31	ND	ND	5	ND	3	ND	ND	31
12854	.6	.07	113	ND	2	ND	.04	1	21	2	.20	.03	.01	82	16	.01	1	.02	14	ND	ND	6	1	ND	9	4	8
12855	.6	.17	236	ND	9	7	.01	1	82	3	.53	.03	.01	148	37	.01	3	.01	19	ND	ND	5	1	2	3	ND	15
12856	.7	.12	74	ND	4	ND	.01	1	20	3	.31	.03	.01	81	73	.01	4	.01	20	ND	ND	5	ND	1	9	ND	11
12857	2.2	.16	321	ND	10	4	.05	1	15	5	.42	.03	.01	183	103	.01	ND	.01	53	ND	ND	4	ND	2	19	3	39
12858	.5	.04	505	ND	3	6	.15	1	179	7	.42	.02	.05	321	948	.01	5	.01	22	ND	ND	ND	ND	6	ND	ND	30
12859	.5	.08	348	ND	5	ND	.38	2	30	12	.73	.03	.14	263	3147	.01	8	.03	4	ND	ND	ND	ND	24	7	3	26
12860	.2	.06	271	ND	3	ND	.10	2	168	13	.63	.02	.04	224	2113	.01	16	.01	6	ND	ND	3	1	7	ND	ND	23
12861	.6	.05	563	ND	2	ND	.54	4	24	9	.73	.03	.29	282	3697	.01	8	.01	9	ND	ND	ND	1	49	ND	ND	7
12862	.1	.09	50	ND	4	ND	.94	3	161	15	1.60	.03	.64	366	6419	.03	14	.02	ND	ND	ND	ND	ND	108	ND	ND	28
12863	.3	.03	47	ND	2	ND	.06	2	28	6	.53	.02	.03	50	3796	.01	12	.01	6	ND	ND	3	3	6	ND	ND	9
12864	.4	.04	48	ND	2	ND	.02	3	157	11	.31	.01	.01	35	8573	.01	9	.01	4	ND	ND	ND	2	1	ND	ND	7
12865	.3	.07	43	ND	4	9	.04	1	30	7	.42	.01	.01	104	1946	.01	6	.02	52	ND	ND	4	2	1	ND	ND	16
12866	.1	.06	36	ND	3	ND	.01	2	301	5	.42	.01	.06	142	110	.01	12	.01	3	ND	ND	3	2	ND	ND	ND	7
12867	.8	.19	99	ND	19	ND	.02	1	15	4	.73	.05	.01	84	43	.01	ND	.01	32	ND	ND	ND	1	3	5	ND	26
12887	8.6	.27	343	ND	19	5	.01	3	106	11	.53	.04	.01	1675	135	.02	6	.01	289	ND	ND	4	1	2	27	6	190
12888	.6	.27	79	ND	2	ND	.01	1	14	9	.85	.03	.03	221	27	.01	1	.01	19	ND	ND	4	3	ND	ND	ND	17
12889	.3	2.42	5	ND	40	ND	1.83	21	53	22	4.70	.07	1.78	1141	8	.07	15	.24	ND	ND	ND	ND	ND	49	ND	ND	167
12890	4.5	.16	450	3	6	8	.02	1	18	7	.42	.03	.02	330	41	.01	3	.01	436	ND	ND	8	ND	1	32	8	77
12891	>100	.11	25683	3	14	32	.01	4	144	185	5.35	.05	.01	194	81	.25	4	.01	22024	ND	ND	522	5	2	ND	476	1028
12892	>100	.23	7846	ND	8	20	.02	1	22	236	1.82	.02	.02	115	253	.29	1	.01	23092	ND	ND	337	6	2	5	238	1646
12893	>100	.20	12596	ND	11	36	.01	3	144	90	3.09	.03	.02	148	59	.18	3	.01	15939	ND	ND	193	3	2	ND	362	859
12894	9.3	.20	553	ND	11	3	.03	2	19	7	.31	.03	.01	69	1701	.01	2	.01	802	ND	ND	22	2	4	28	753	53
12895	3.2	.14	384	ND	4	ND	.03	1	16	11	.53	.02	.01	259	44	.01	2	.01	299	ND	ND	5	ND	1	17	22	61
12896	2.5	.56	100	ND	40	6	.39	1	48	8	.42	.04	.24	601	5169	.04	5	.02	252	ND	ND	ND	ND	9	ND	37	258
12897	10.2	.32	363	ND	7	ND	.40	9	38	113	2.98	.03	.38	540	2346	.06	49	.01	3655	ND	ND	ND	ND	21	ND	10	133
DETECTION LIMIT	.1	.01	3	3	1	3	.01	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
12898	>100	.04	32765	3	2	29	.01	10	153	123	5.15	.06	.01	65	56	.87	6	.01	10971	ND	ND	189	ND	1	ND	533	2264
12899	>100	.11	27322	3	8	152	.01	5	30	161	10.19	.09	.01	212	139	.57	6	.01	24037	ND	ND	239	ND	3	ND	363	994
12900	>100	.04	23242	3	4	186	.01	2	104	126	9.46	.08	.01	113	86	.28	6	.01	19433	ND	ND	285	ND	2	ND	333	161
DETECTION LIMIT	.1	.01	3	3	1	3	.01	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

Tidewater Property

Cost Statement

15 February 1988

Fees and wages

Type	No. of days	Rate /day	Dates	Amount paid
Consulting Geologist	10	$ 400	Jul-Nov 87	4,000
Consulting Geologist	5.3	$ 440	Jun-Feb 88	2,310
Consulting Geologist	3	$ 285	Jan 88	855
Consulting Geologist	.5	$ 370	Jun 87	185
Field Geologist	27	$ 210	Aug 87 & Nov 87	5,670
Field Geologist	39	$ 240	Jul87- Nov 87	9,360
Field Technician	11	$ 150	Oct 87	1,650
Field Technician	18	$ 190	Aug 87	3,420
Drafting & Mapping	5.3	$ 240	Aug 87-Jan 88	1,268

Total Fees & Wages	$	28,718
Assay and Laboratory 125 soil Au 264 soil Au 81 rock Au 21 pulps Ag 285 soils ICP Multi 200 pulps ICP Multi	$	8,698
Equipment & Supplies	$	5,580
Food and Accomodation	$	1,295
Helicopter	$	8,874
Research & Report	$	567
Telephone & Misc	$	204
Transport & Truck	$	3,021
TOTAL	**$**	**56,957**