

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 90.02.20

ASSESSMENT REPORT 18524

MINING DIVISION: Liard

PROPERTY: New  
LOCATION: LAT 56 46 00 LONG 130 57 00  
UTM 09 6292896 380806  
NTS 104B15W  
CLAIM(S): New 1, New 5-6  
OPERATOR(S): Adrian Res.  
AUTHOR(S): Dewonck, B.; McCrossan, E.; Brucciani, P.  
REPORT YEAR: 1989, 221 Pages  
COMMODITIES  
SEARCHED FOR: Gold, Copper  
KEYWORDS: Jurassic, Hazelton Group, Rhyolite, Diorite, Alaskite  
Feldspar Porphyry, Quartz Veins, Gold  
WORK  
DONE: Geological, Geochemical  
GEOL 1500.0 ha  
Map(s) - 2; Scale(s) - 1:10 000  
ROCK 140 sample(s) ;AU,ME  
Map(s) - 2; Scale(s) - 1:5000  
SAMP 274 sample(s) ;AU,ME  
Map(s) - 1; Scale(s) - 1:5000  
SOIL 648 sample(s) ;AU,ME  
Map(s) - 7; Scale(s) - 1:5000  
RELATED  
REPORTS: 17385  
MINFILE: 104B 350

FILMED

REPORT  
ON THE  
NEW 1, 5 AND 6 MINERAL CLAIMS  
PHASE I  
ISKUT RIVER AREA, BRITISH COLUMBIA  
LIARD MINING DIVISION  
FOR  
ADRIAN RESOURCES LTD.

NTS 104B/15  
LONGITUDE 130 57'W  
LATITUDE 56 46'N

*Part 1 of 2*  
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

18,524

Bernard Dewonck  
Ed McCrossan  
December 15, 1988

OREQUEST



## SUMMARY

The first phase of exploration has been completed on the New 1, 5 and 6 mineral claims of Adrian Resources Ltd. Work entailed geological mapping and prospecting, as well as silt and soil geochemical surveys.

The main lithologies on the property are volcanic flows, volcanoclastics, and marine sediments of Mesozoic age. Similar rock units host the Skyline and Cominco - Delaware precious metal deposits located 15 km south of the claim group. The Skyline Stonehouse deposit contains published reserves (in all categories) of 1.1 million tons of 0.704 oz/ton gold.

The Cominco - Delaware Twin Zone has announced reserves of 1.1 million metric tonnes (1.21 million tons) of 24 grams per tonne (0.70 oz/ton) gold (Vancouver Stockwatch, Dec. 7, 1987).

Polymetallic mineralization on the property is associated with silicified fracture, fault, or shear zones which have undergone varying degrees of alteration.

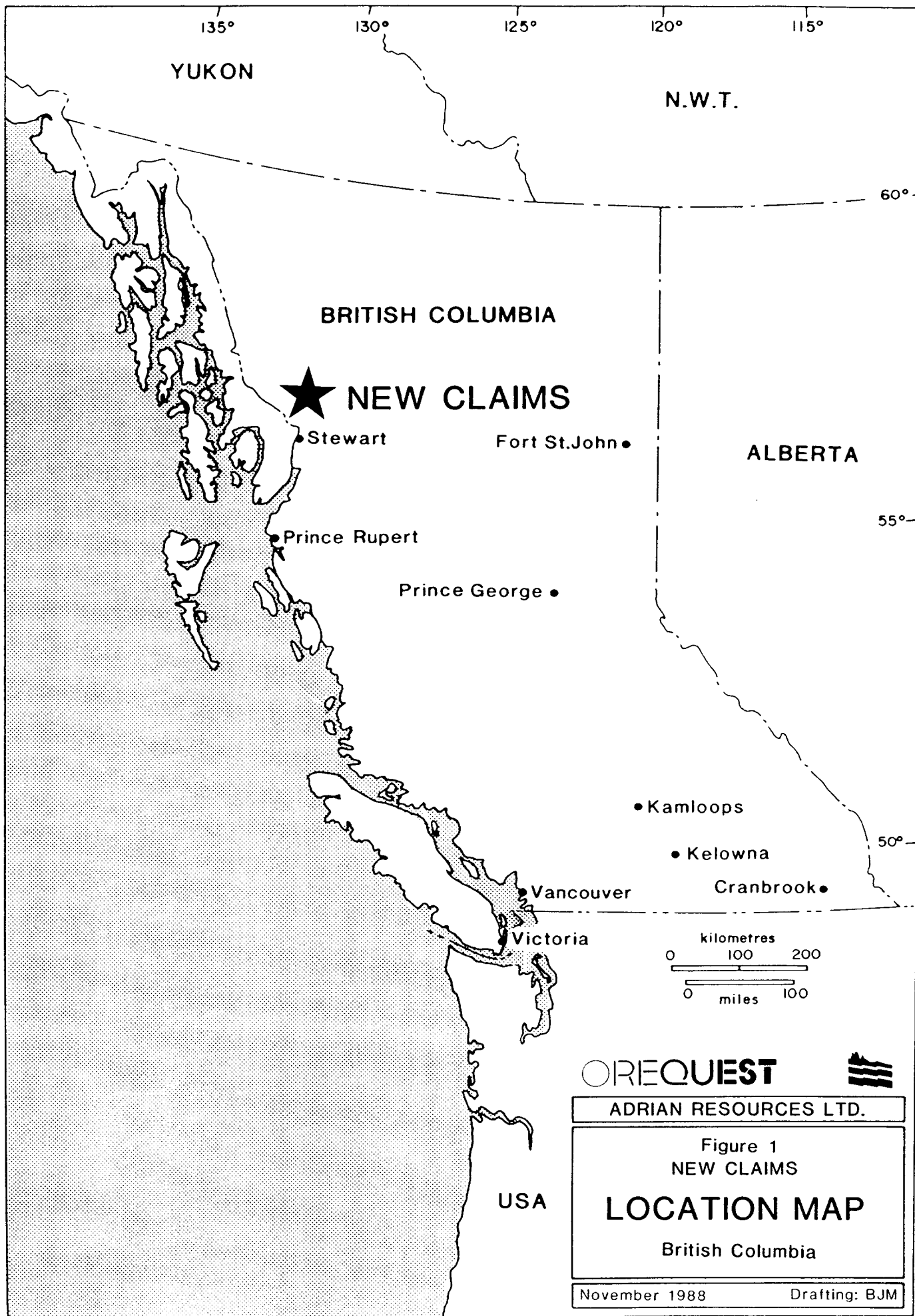
Vein samples from a southern extension of the Number One Showing quartz system in the northcentral area of the claim group returned values of up to 11.304 oz/t Au. Copper values from the same area were as high as 1.5%.

Soil geochemistry has outlined five target areas that are close to, or on strike with, the Number One Showing and contain coincident gold and copper (or silver) anomalies.

A detailed program including soil geochemistry, prospecting, mapping, blasting, trenching, systematic channel sampling, and a VLF-EM survey is recommended for the Number One Showing and other geochemically anomalous areas on the property.

If results from the detailed work are encouraging then diamond drilling is also recommended to test these systems at depth.

The cost to perform the recommended and remaining fieldwork is estimated at approximately \$238,000.



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## INTRODUCTION

This report presents the results of a Phase I exploration program conducted on the New 1, 5 and 6 mineral claims located in the Iskut River area of northern B.C. for Adrian Resources Ltd. (Fig. 1). Geological mapping, prospecting, and silt and soil geochemical sampling was performed during the 1988 field season.

The work was carried out by OreQuest Consultants Ltd. under the guidance of Prime Explorations Ltd., both of Vancouver.

## PROPERTY DESCRIPTION

### Claim Status

The Adrian property consists of three mineral claims totalling 60 units (Figure 2). The following is a list of the claim names, record numbers, number of units, record dates, and expiry dates. The recently completed work is available for filing to extend the expiry date.

Claim Name	Record Number	Number of Units	Record Date	Expiry Date
New 1	3913	20	Feb. 19, 1987	Feb. 19, 1989
New 5	3917	20	Feb. 19, 1987	Feb. 19, 1989
New 6	3918	20	Feb. 19, 1987	Feb. 19, 1989

### Location and Access

The property is located on the eastern edge of the Coast Mountain Range approximately 110 kilometers northwest of Stewart, B.C. It lies 15 km north of the Cominco - Delaware Snip and Skyline Stonehouse precious metal deposits. The Verrett River flows through the western edge of the claim group. The centre of the property is located at 130 57'W Longitude and 56 46'N Latitude on mapsheet



104B/15.

Access to the area is from the Bronson Creek gravel airstrip located 12 km southwest of the claims at the confluence of the Iskut River and Bronson Creek. Access is also possible from the Snippaker Creek gravel airstrip situated 24 kilometers to the southeast or the Forrest Kerr gravel airstrip located 18 km to the north. Base camps at any location require helicopter support for daily setouts on the property.

#### Physiography and Vegetation

Elevations on the property range from about 460 metres in the Verrett River valley to 1,500 metres on the east side of the claim group. The lower elevations in the Verrett River valley are covered with vegetation typical of the west coast rain forest. At higher elevations, an alpine plateau prevails with local relief consisting of knolls intersected by gullies of moderate width and depth (tens of metres). Outcrop is exposed on the plateau with some moss and lichen cover.

#### HISTORY AND PREVIOUS WORK

The first recorded work in the Iskut region was in 1907 when a group from Wrangell, Alaska, staked nine claims north of Johnny Mountain. Crown granted claims along Bronson Creek and on the north slope of Johnny Mountain were subsequently worked by the Iskut Mining Company. By 1920, a 30 foot adit revealed gold, silver, and galena mineralization in a number of veins and stringers. Activity carried on into the 1930's when interest in precious metals was concentrated in the Stewart area. Some sporadic placer operations were also located in the Unuk River Valley.



TICKER TAPE RESOURCES LTD.

PESGOLD  
RESOURCES  
CORP.  
(INTN'L PRISM)

NEW 5

NEW 6

NEW 1

INTN'L  
PHOENIX

PEZGOLD RESOURCES CORP.  
(INTERNATIONAL PRISM)

INTERNATIONAL WILDCAT

0 1 2 3

kilometres

*Verrett  
River*

*Iskut River*

OREQUEST



ADRIAN RESOURCES LTD.

Figure 2  
NEW CLAIMS

**CLAIM MAP**

British Columbia  
NTS: 104 B/15

← 2.5 km TO BRONSON CAMP AND AIRSTRIP

November 1988

Drafting: BJM

In 1954, Hudson's Bay Mining and Smelting found the Pick Axe showing and some high grade gold - silver - lead - zinc float on the upper slopes of Johnny Mountain. The claims were worked and allowed to lapse and are now part of the Skyline Exploration Ltd. Reg deposit.

Porphyry copper - molybdenum deposits were of interest in the 1960's when several major mining companies undertook reconnaissance exploration programs in the area. As a result, claims were staked on Johnny Mountain and Sulphurets Creek.

From 1965 to 1971, Silver Standard Mining and later Sumitomo worked the E & L prospect on Nickel Mountain at the headwaters of Snippaker Creek. Trenching, drilling, and 460 metres of underground development proved reserves of 3.2 million tons of 0.8% nickel and 0.6% copper.

Massive sulphide float originating from the head of the Bronson Creek glacier resulted in Skyline staking the Inel property in 1969. Skyline also restaked the Reg property in 1980. Between 1981 and 1985, various exploration programs were conducted on both properties for high grade gold and polymetallic massive sulphide mineralization.

In 1986, drilling and underground work on the Stonehouse gold zone confirmed the presence of high grade gold mineralization with silver and copper also present over minable widths. Reserves from a Jan. 15, 1988 Skyline news release are as follows:

<b>Stonehouse Zone</b>	<b>Au (oz)</b>	<b>Tons</b>
Total Measured	1.246	121,000
Total Drill Indicated	0.556	236,875
Total Inferred	<u>0.57</u>	<u>700,000</u>
<b>TOTAL</b>	<b>0.644</b>	<b>1,057,875</b>

Inel Resources Ltd. has driven an exploratory adit below the Main Sulphide Zone on their property. The North, Center, and South underground workings have crosscut nine distinct quartz-sulphide gold veins to date. One vein contains 1.46 oz/t gold (over 2.3 feet) and another carries 0.26 oz/t gold (over 7.5 feet). During 1988, underground drilling intersected 0.769 oz/t gold over 13.3 feet (U88-3) and surface drilling on the Ridge Zone, located 250 m east of the Center section workings, reported 0.868 oz/t gold over 7.4 feet (S88-12). Previous drill results from 1984 returned gold values up to .940 oz/t over 6.9 ft and silver values as high as 20.22 oz/t over 4.3 ft.

In 1965, Cominco discovered mineralization on the ground now held jointly by Cominco Ltd. and Delaware Resources Corp. The work prior to 1986 consisted of mapping, sampling and trenching. In 1986, Delaware provided funds under an earn-in option agreement with Cominco and began an extensive drill program. The joint venture partners have announced an ore reserve of 1.1 million metric tonnes (1.21 million tons) of 24 gm/tonne (0.70 oz/ton) gold from the Twin Zone (Vancouver Stockwatch December 7, 1987). The deposit remains open to depth and along strike. Underground work began in April, 1988. Colossus Resources Equities Inc. has recently completed a purchase of approximately 51% of Delaware Resources' common stock.

Gulf International Minerals extended the strike length of the Camp Zone and tested the Northwest high grade zone during their 1988 surface drilling program on the McLymont claims. Results from the Northwest Zone included 1.420 oz/t gold, 0.21% copper and 0.14 oz/t silver over 3.3 feet (88-32) and 1.060 oz/t gold, 0.85% copper, and 0.27 oz/t silver over 1.6 feet (88-3). Previous drilling in 1987 returned gold values of 1.6 oz/t and silver assays of 39.73 oz/t over 36.5 feet (87-29).

During 1988, Meridor Resources Ltd. performed a comprehensive trenching and surface drilling program on a property located 3.5 km northwest of the Bronson airstrip. Phase I trenching efforts obtained 0.396 oz/t gold from a quartz-sulphide vein (3.0 ft chip sample). Diamond drilling recovered 0.260 oz/t gold over 2.0 feet (88-17) and 0.254 oz/t gold over 6.6 ft (88-21) from quartz-carbonate-sulphide veins. A Phase II, 10,000 foot, surface drilling program was also completed during the fall of 1988.

In 1988, Winslow Gold Corporation, in a joint venture with Pamorex Minerals Ltd., conducted a trenching and surface drilling program on a property adjoining Skyline Explorations' Stonehouse deposit to the northeast and Cominco-Delawares' Snip deposit to the east. Trenching recovered 0.724 oz/t gold from a pyritic shear zone. Drilling results included a 0.26 oz/t gold intersection over 1.9 feet (W88-7) from a chloritized and mineralized shear zone.

## REGIONAL GEOLOGY

Regional geological mapping of the Iskut River area (Kerr, 1948, GSC Memoir 246, 9 - 1957 and GSC Map 1418 - 1979) has been expanded by Grove in two recent detailed works which define this area as the Stewart Complex (Grove, 1971, 1986).

The Stewart Complex, lies south of the Iskut River and north of Alice Arm. It is bounded by the Coast Plutonic Complex on the west and the Bowser Basin to the east. It is composed of Late Paleozoic and Mesozoic volcanics and sediments which were intruded during Mesozoic and Tertiary times.

The oldest units in the complex are Mississippian or Permian carbonates and other marine sediments. Upper Triassic epiclastic volcanics, marbles, sandstones and siltstones lie unconformably above the Permian. These are overlain by sedimentary and volcanic rocks of the Jurassic Hazelton Group which are lithologically similar to the Triassic section. The Hazelton Group has been subdivided (Grove, 1986) into the Early Jurassic Unuk River Formation, the Middle Jurassic Betty Creek and Salmon River Formations, and the Upper Jurassic Nass Formation.

The Unuk River Formation lies unconformably on Late Triassic rocks and consists of volcanic rocks and sediments which include lithic tuffs, pillow lavas with carbonate lenses and some thin bedded siltstones. Betty Creek rocks unconformably overlie the Unuk River Formation and are characterized by bright red and green volcanoclastic agglomerates with sporadic, intercalated andesitic flows, pillow lavas, chert, and carbonate lenses. The Salmon River Formation is a thick assemblage of colour banded andesitic siltstones and lithic wackes that

form a conformable to disconformable contact with the underlying Betty Creek Formation. The Nass Formation consists of weakly deformed argillites, siltstones, and greywackes which unconformably overlie the Salmon River Formation.

These volcanic and sedimentary successions were intruded by the Coast Plutonic Complex during the Mesozoic and Tertiary periods. A wide variety of intrusive phases are present including granodiorite, quartz monzonite, and diorite. Small satellite plugs and dyke systems range in age from Late Triassic to Tertiary and may be important for localizing mineralization.

Major structural features of the Stewart Complex include the western boundary contact with the Coast Intrusive Complex and the northern thrust fault along the Iskut River where Paleozoic strata has moved southward across Middle Jurassic and older units. Regional tectonic normal faults also border the complex to the south and east (Grove, 1986).

## PROPERTY GEOLOGY

### Geology

The New 1, 5 and 6 claims are underlain predominantly by Mesozoic volcanics of the Hazelton Group that were intruded during the Mesozoic and Tertiary (Figure 3).

The volcanics vary compositionally from rhyodacites to andesites and occur as flows, crystal fragmental tuffs, lapilli tuffs, agglomerates, and epiclastic units. Some glauconitic marine beds of siltstone and wackestone, as well as

chert and argillite are present in the section.

Stocks and plugs of diorite, feldspar porphyry, and rhyolite porphyry (alaskite) are located in the central and northern portions of the claim group. A fine to medium grained diorite is the largest, and probably the oldest, intrusion. A feldspar porphyry plug is located in the centre of the map sheet along the southern boundary of the diorite. A rhyolite or rhyolite porphyry mass is situated to the north and appears to have intruded the diorite. It has not been determined whether the feldspar porphyry and rhyolitic intrusions are independent emplacements or different phases of the same event.

Dykes ranging in composition from rhyo-trachyte to andesite are present on the property. Acidic dykes are more prevalent in the north with andesite dykes more common to the south and east. Dacite dykes within the intrusive rocks usually have ankeritic oxidation products on exposed surfaces.

Fault orientations on the property are generally northeast - southwest and east - west. These are visible as lineaments on air photographs and as creek gorges, topographic breaks, and outcrops of cataclasites in the field. Cataclasites are located in the central and southeastern areas of the claim group and are characterized by a shear foliation and a proto-mylonitic texture. Milled, subangular to subround clasts range in size from less than 1 mm to several centimeters in diameter. Argillic, chloritic, and sericitic alteration of the units is common and they weather from a white or light yellow - brown to a pale green or yellow - green colour. Along the upper reaches of Sluggo Creek, a cataclastic unit attains a width of approximately 75 metres and a discontinuous



strike length of 1 km.

#### Mineralization and Alteration

Mineralization on the property is associated with veins, pods, or altered country rock within shears and fractures. Quartz and ankerite veining is most common and often occurs together. Quartz - chlorite and barite veins are also present. Locally, vein breccias and networks (or minor stockworks) are formed within, or adjacent to, faults.

Sulphide mineralization of pyrite, chalcopyrite, bornite, and lesser galena is found predominantly within quartz and barite systems. Ankerite veining is generally barren but may be mineralized when associated with quartz.

Chloritic and argillic alteration products are most commonly associated with vein and shear systems. Sericitic, saussuritic, and silicic alteration occurs locally. Oxidation of mineralized areas produces hematite, jarosite, and malachite on weathered surfaces.

Several veins and shears on the property contain gold. Anomalous values for selective grab samples range from 190 ppb (21540) to 11.304 oz/t Au (21543).

The best sample was derived from a southern extension of the Number One Showing quartz vein located in the northeast corner of the New 6 claim. The vein appears to have filled an open fracture within a rhyolite porphyry or alaskite host rock and varies in width from 5 cm to 2 m and has a discontinuous strike length of 800 m. It continues off the property to the north and continues

farther south within the New 6 claim. Local exposures of the vein have strike lengths of up to 10 metres and are often displaced from several to tens of metres by north - south and approximately east - west shears and faults.

On surface, the quartz vein has a frothy texture and porosity, locally, is 20%. It is mineralized with chalcopryite, pyrite, and specular hematite (up to 30%) and alteration of the wallrock adjacent to the veins has produced variable concentrations of clays, chlorite, epidote and sericite.

Other samples taken from the same vein (or adjacent, related, sub-parallel veins) contained 2.002 (21542), 0.875 (21761), 0.592 (21759), 0.388 (21763), 0.114 (21563), 0.152 (21708), 0.163 (21771), 0.114 (21769), and 0.144 (21764) oz/t Au. Copper assays ranged between 24 ppm (21769) and 15,150 ppm (21542) for these samples.

In the east - central portion of the property, a 15 cm quartz - carbonate vein carried 0.139 oz/t gold (21320). It contains 5% pyrite and chalcopryite as selvage and lies within an east-southeast trending cataclastic unit.

In the centre of the claim group, three samples taken along a northeasterly fault were anomalous for gold. They contained silicified country rock and up to 20% sulphides (pyrite, chalcopryite, bornite, and galena) by volume. Assays for these samples were 190 ppb (21540), 0.073 oz/t (21561), and 0.079 oz/t (21539) gold.

## PROPERTY GEOCHEMISTRY

All samples were analyzed for gold by fire assay with an atomic absorption finish. In addition, an ICP suite of 10 elements (Ag, Pb, Zn, Cu, Mo, As, Ba, Bi, Cd, Co) was also obtained for all samples. Analysis was performed by Vangeochem Labs Ltd. of Vancouver, B.C.

Soil and silt geochemical results for gold, silver, copper, lead and zinc are plotted on Figures 5-9. A geochemical anomaly compilation map utilizing soil and silt data was also produced (Figure 10). There are eleven anomalous areas on the property labelled A through K. Five of the areas, A through E, are considered primary geochemical targets.

### Silt Geochemistry

Silt samples were taken from the tributaries feeding the Verrett River.

One small creek, located 100 metres north of Sluggo Creek on the east side of the Verrett River, is anomalous for gold, copper and zinc. It locally drains an area with strong copper soil geochemical anomalies, as well as, lesser soil anomalies in gold, silver and zinc.

### Soil Geochemistry

Soil samples of the B-horizon were collected at 50 metre intervals with an A-horizon sample taken when a B-horizon sample was unobtainable. Sample depths averaged between 30 and 100 cm. The sampling traverses were conducted along contours with a 100 metre elevation spacing between lines. A total of 648 samples were sent for assay.

The selection of possibly anomalous and anomalous values for the elements was derived from Caulfield's 1987 report on the Tungco Resource Corporations' Waratah Project where a statistical analysis of soil geochemical data was performed (Table 1).

**TABLE 1**

Element	Background	Possibly Anomalous	Anomalous
Au (ppb)	14	26	46
Ag (ppm)	0.7	1.8	3.4
Cu (ppm)	40	100	200
Pb (ppm)	35	80	150
Zn (ppm)	100	180	325

The Tungco claims are located 10 km south of the property and are also underlain predominantly by Mesozoic volcanics.

Gold soil anomalies range from 26 to 605 ppb. The highest value of 605 ppb occurs within area E, just north of Sluggo Creek at an elevation of 900 m. A 145 ppb gold sample is also located in the north-central portion of area E. Area B contains 480 and 150 ppb samples, and area C has a cluster of four gold anomalies ranging from 100 to 125 ppb. Area D also has a group of three adjacent samples containing 75, 90 and 120 ppb gold.

Silver soil anomalies range from 1.8 to 7.9 ppm. The 7.9 ppm sample comes from area G, located 200 m north of Creek 2 Far at an elevation of 900 m. A cluster of five, high silver values ranging from 5.5 to 6.3 ppm, occurs in area H. Area K, in the northwest corner of the claim group, contains silver anomalies of 4.1, 5.6, 5.7 and 7.3 ppm.

Copper soil anomalies range from 100 to 2204 ppm. The 2204 ppm sample comes from area F located in the headwaters of Sluggo Creek. Area C contains copper values of 433 and 591 ppm; area D has assays of 381 and 436 ppm; and area E has copper anomalies of 213 and 321 ppm.

Lead soil anomalies range from 80 to 1110 ppm. The 1110 ppm sample comes from area F. Area A contains three anomalies ranging from 190 to 685 ppm. Area K contains several lead anomalies from 80 to 107 ppm.

Zinc soil anomalies range from 180 to 4982 ppm. The highest sample comes from area F. Samples with 644 and 349 ppm are also present in this area. Area A contains one anomalous zinc sample of 441 ppm.

A positive correlation exists between anomalous gold and copper values. This is displayed on the compilation map where the primary geochemical target areas A, B, C, D and E contain clusters of gold and copper anomalies.

No correlation exists between gold and either silver, lead or zinc; although, there is some correlation between silver, lead and zinc anomalies. This is apparent in areas F, G, H, I, J and K which are considered secondary geochemical targets due to the absence of significant gold results.

#### CONCLUSIONS and RECOMMENDATIONS

The initial investigation of the New 1,5 and 6 claims was successful and several areas of auriferous mineralization and geochemical anomalies have been found.

The main lithologies on the property are volcanic flows, volcanoclastics, and marine sediments of Mesozoic age. Similar rock units host the Skyline and Cominco - Delaware precious metal deposits located 15 km south of the claim group.

Mineralization on the claims is associated with silicified fracture, fault, or shear zones that have undergone some degree of alteration. The best precious metal results are derived from distinct quartz veins which also contain some base metal mineralization.

The various exposures of the quartz vein at the Number One Showing should be blasted so that fresh, unleached vein samples can be obtained. They should also be trenched to determine continuous strike lengths and to allow for systematic channel sampling of the vein and adjacent wallrock. All other quartz and ankerite veins spatially associated with the Number One Showing should also be systematically sampled. A grid will be used as control for an electromagnetic survey and to tie in all sample locations. Detailed prospecting should be carried out to determine the southward extension of the Number One vein and to seek sub-parallel vein systems, on a regional scale, to the west and east.

Sample location 21320, .139 oz/t gold, should also be blasted to determine the strength of that quartz - carbonate vein and to obtain samples of fresh vein material.

If results from the trenching and detailed sampling of the above veins are encouraging, then diamond drilling is recommended to test these systems at depth.

Silt and soil geochemical prospecting has revealed several areas that warrant further work. Areas A through E are primary exploration targets as they are close to, or on strike with, the Number One Showing quartz system and contain coincident gold and copper (or silver) anomalies. These areas should be prospected and soil sampled in more detail. Soil sampling could be carried out with a 50 m elevation spacing between lines with samples taken every 25 m. If clear targets are defined by the above efforts then trenching should be done at those locations. Areas F through K are secondary targets and could be prospected and soil sampled in more detail if finances are available.

## BUDGET ESTIMATE

### Phase II

Geologists - 2 x 14 days @ \$350/day	\$ 9,800
Prospector - 14 days @ \$265/day	3,710
Assistants - 4 x 14 days @ \$225/day	12,600
Mob/Demob	5,000
Communications and Telephone	500
Meals and Accommodations	16,000
Camp Costs	7,000
Helicopter Support - 26 hrs. @ \$625/hr.	16,250
Fixed Wing Support	5,000
Commercial Freight	2,000
Expediting	500
Equipment Rental	2,000
Geochemical Analyses	
- 600 soil samples @ \$15/sample	9,000
- 400 rock samples @ \$20/sample	8,000
Technical Information	1,500
Accounting	500
Report and Drafting	6,000
Contingencies @ 10%	10,000
SUB-TOTAL	115,360
Management @ 15%	17,640
TOTAL	<u>\$133,000</u>

### Phase III

Geological Target Definition	\$ 6,000
Diamond Drilling - 600 m @ \$150/m (all inclusive)	90,000
Management @ 15%	9,000
TOTAL	<u>\$105,000</u>

### **GRAND TOTAL**

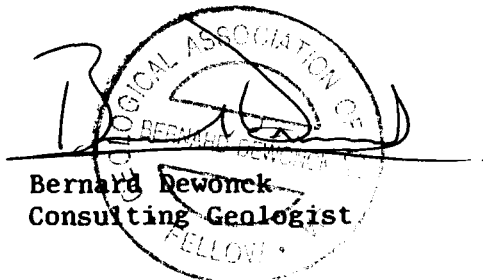
**\$238,000**



## CERTIFICATE of QUALIFICATIONS

I, Bernard Dewonck, of 11931 Dunford Road, Richmond, British Columbia hereby certify:

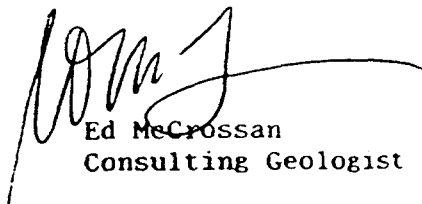
1. I am a graduate of the University of British Columbia (1974) and hold a BSc. degree in geology.
2. I am an independent consulting geologist retained by OreQuest Consultants Ltd. of 404-595 Howe Street, Vancouver, British Columbia, for the purposes of supervising the exploration program conducted by E. McCrossan.
3. I have been employed in my profession by various mining companies since graduation.
4. I am a Fellow of the Geological Association of Canada.
5. I am a member of the Canadian Institute of Mining and Metallurgy.
6. This report is based on exploration work conducted by E. McCrossan (principal author), and several visits to the property during the period of July - October 1988.
7. Neither OreQuest Consultants Ltd. nor myself have or expect to receive direct or indirect interest in the property or in the securities of Adrian Resources Ltd.
8. I consent to and authorize the use of the attached report and my name in the Companies' Prospectus, Statements of Material Facts or other public document.

  
Bernard Dewonck  
Consulting Geologist  
FELLOW

## CERTIFICATE of QUALIFICATIONS

I, Ed McCrossan, of 3328 W. 2nd Avenue, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1984) and hold a BSc. degree in geology.
2. I am presently employed as a consulting geologist with OreQuest Consultants Ltd. of 404-595 Howe Street, Vancouver, British Columbia.
3. I have been employed in my profession by various mining companies since graduation and have worked on projects in Canada, Hungary, Thailand, China, and Australia.
4. I am a member of the Canadian Institute of Mining and Metallurgy, and an associate of the Geological Association of Canada.
5. The information contained in this report was obtained by direct onsite supervision of the work done on the property by OreQuest Consultants Ltd. in 1988 and a review of all data listed in the Bibliography.
6. Neither OreQuest Consultants Ltd. nor myself have or expect to receive direct or indirect interest in the property or in the securities of Adrian Resources Ltd. or any of their subsidiaries.
7. 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.



Ed McCrossan  
Consulting Geologist

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

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MERIDOR RESOURCES LTD.

September 2, 1988 News Release.

WINSLOW GOLD CORPORATION

September 19, 1988 News Release.

APPENDIX A  
ROCK SAMPLE DESCRIPTIONS

### ADRIAN ROCK SAMPLE DESCRIPTIONS

- 21301 Bleached, sheared, and silicified andesite. Fine grained, euhedral pyrite present in trace amounts.
- 21302 Pyritic vein within bleached, silicified felsite.
- 21303 Sulphidic (pyrite, chalcopyrite to 3%) vein within hematized felsite. Malachite stain on exposed surfaces.
- 21304 Pyritized, silicified shear (0.75 m wide) within felsite. Sample contains 5-10% pyrite.
- 21305 (as in 21304); 5-10% pyrite having vuggy, massive, and coarse euhedral textures.
- 21306 3-4 cm wide, milky white, quartz-carbonate vein within 0.5 metre shear. Trace sulphide.
- 21307 Hematized andesite with a trace of disseminated sulphides.
- 21308 Cherty siltstone with a trace of disseminated sulphides.
- 21309 Bleached, sheared, and silicified felsite. Rusty weathering on exposed surfaces.
- 21310 as in 21309.
- 21311 Carbonate vein within sheared andesitic volcanics. 4% pyrite.
- 21312 Trace of pyrite within a fine grained, intermediate dyke rock. Light iron stain.
- 21313 Carbonate breccia vein within mafic dyke. Trace pyrite.
- 21314 as in 21313.
- 21315 Carbonate vein within acidic dyke. Moderate hematitic stain on exposed surfaces.
- 21316 as in 21315.
- 21317 4 cm wide, milky white-grey ankerite vein within a mafic intrusive.
- 21318 Felsite with ankeritic staining.
- 21319 4 cm wide quartz-carbonate vein with 3-5% pyrite and chalcopyrite.
- 21320 15 cm quartz-carbonate vein with 5% euhedral pyrite and chalcopyrite as salvage.
- 21321 Quartz-carbonate vein network. Trace to 1% pyrite.

- 21322 2-4 cm quartz-carbonate vein within intermediate dyke. Dyke and surrounding outcrop gossanous.
- 21323 1 cm wide quartz-carbonate veins containing pyrite, chalcopyrite, and malachite (trace - 1%).
- 21324 Pyritic veins within siltstone.
- 21325 Pyritic (4%) ankerite vein within granodiorite.
- 21326 Blue-black quartz vein within sheared diorite or intermediate volcanic. 2-3% euhedral pyrite.
- 21327 4 cm wide quartz-carbonate vein within intermediate volcanics. 1-3% pyrite.
- 21328 Moderately gossanous intermediate fine grained volcanic with 2-4% euhedral pyrite.
- 21329 as in 21328.
- 21330 Chloritized fault, with gouge, within intermediate volcanics. 1-2% disseminated pyrite.
- 21331 Quartz vein, gossanous, within intermediate volcanics. 1-3% pyrite.
- 21332 Pyritized (3-5%) quartz porphyry with light iron stain on weathered outcrop surfaces.
- 21333 Bleached, hematized, silicified volcanic within a fault zone.
- 21334 as in 21333, but adjacent to the fault and containing 2-4% pyrite and chalcopyrite.
- 21335 as in 21334.
- 21336 Hematized, silicified volcanic with trace to 1% disseminated pyrite and chalcopyrite.
- 21337 Bleached, hematized, felsite. Trace pyrite.
- 21338 Bleached, gossanous porphyry. Trace pyrite.
- 21339 Quartz-carbonate vein within bleached and silicified intrusive rocks. 1-3% pyrite.
- 21340 Sheared, 0.5 metre wide, intermediate dyke containing pyrite and chalcopyrite with malachite as an oxidation product.
- 21341 Quartz-carbonate vein with 3-5% disseminated pyrite and chalcopyrite.
- 21501 8 cm by 60 cm barite pod within dacitic volcanics. Moderately gossanous.

- 21502 10 cm wide shear within intermediate volcanics. Silicified, hematized; shear visible for 10 m.
- 21503 Sheared quartz vein within intermediate volcanics. Gossanous with a trace to 1% pyrite. 1-10 cm wide by 10 m visible length.
- 21504 10-50 cm wide barite breccia vein. Trace of pyrite and galena.
- 21505 10-30 cm wide quartz-carbonate vein within vein network (15 by 20 m). Chloritized (3%) and hematized.
- 21506 1-20 cm quartz-ankerite vein within andesitic lapilli tuff. Hematized and chloritized wallrock.
- 21507 Sheared quartz-ankerite vein within chloritized andesite. Vein 10-20 cm in width within an 40 cm wide shear.
- 21508 Argillized cataclasite or protomylonite. Chloritic, hematitic, and sericitic alteration.
- 21509 1-6 cm quartz-carbonate vein within minor shear. Chloritized (3%).
- 21510 6 m wide cataclastic shear zone. Chloritized, hematized, sericitized, and silicified.
- 21511 1-6 cm quartz-chlorite vein with vuggy porosity and drusy quartz crystal growth. Some hematitic gouge within vein porosity. Visible for 10 m.
- 21512 Argillized cataclasite-shear zone. Lesser chloritization, sericitization, and silicification; 20 m wide by 20 m visible length.
- 21513 Chloritized cataclasite - shear zone within andesite. 4 m wide by 4 m long.
- 21514 1 cm wide shear within intensely hematized volcanics. Argillized, silicified, and pyritized (40%). Gossanous and jarositic on exposed surfaces. Visible for 6 m.
- 21515 1-6 cm wide shear (as in 21514). Pyrite 20%.
- 21516 1-2 cm wide shear (as in 21514). Pyrite 30%.
- 21517 1-2 cm wide shear (as in 21514). Pyrite 20%.
- 21518 10-15 cm wide "shear pod" (alteration as in 21514). Pyrite locally 50%. Visible for 2 m.
- 21519 20 cm wide "shear pod" (as in 21514). Pyrite 20-30%. Visible for 3 m.
- 21520 10 cm wide shear (as in 21514). Pyrite 20%. Visible for 5 m.
- 21521 50 cm wide shear within chloritized and silicified intermediate volcanics. Light gossanous and jarositic stain on exposed surfaces.

- 21522 1-20 cm wide shear zone containing some quartz-carbonate pods. Chloritized and argillized with a trace of pyrite.
- 21523 2-50 cm wide shear within a porphyritic andesite. Carbonatized (ankerite) 10%. Visible for 20 m.
- 21524 Ankerite breccia - vein over 60 cm within an andesite porphyry. Minor chloritization and carbonatization.
- 21525 6 m by 6 m cataclasite exposure. Chloritized, carbonatized, and hematized. Within acidic to intermediate volcanics.
- 21526 10 by 40 cm quartz - ankerite pod within acidic to intermediate volcanics.
- 21527 1 cm carbonate veinlet within highly fractured andesites. Chlorite as salvage and slickensides.
- 21528 10 - 30 cm wide ankerite breccia - vein within an andesitic dyke. Visible for 4 m.
- 21529 1 m wide shear within dacitic tuff. Disseminated pyrite (2-3%) associated with silicified hairline fractures. Moderate gossan development on weathered surfaces.
- 21530 Gossanous, fractured andesite.
- 21531 1 - 2 cm shear within fractured and moderately gossaned dacites.
- 21532 Quartz - carbonate hairline fractures within a fine to medium grained diorite or dacitic tuff. Trace of pyrite.
- 21533 3mm - 2 cm pyrite fracture filling within silicified volcanics. 1 m long.
- 21534 Minor shear containing grey - white quartz within altered rhyolitic tuff.
- 21535 5 - 20 cm shear. Silicified and pyritized. Dark hematitic and jarositic staining on exposed surfaces. Visible length 10 m.
- 21536 5 cm shear within acidic to intermediate volcanics. Selective grab sample of a pyrite rich pod (5-10% pyrite) within the shear.
- 21537 1 - 3 cm, banded quartz vein within a porphyritic dacite or andesitic tuff. Visible for 3 m.
- 21538 Highly fractured and sheared agglomeratic volcanic. Minor carbonate veining and moderately gossanous.
- 21539 5 mm wide shear within unaltered andesitic tuffs. Silicified and pyritized (5-8%). Several metres long.



- 21540 1 - 2 cm quartz vein, sheared. 1-2% pyrite as disseminations and concentrations (to 5 mm). Visible for 20 m. Variable chloritization.
- 21551 Dacitic intrusive with quartz veining and a trace of pyrite.
- 21552 Dacitic intrusive with quartz stringers and 30% pyrite.
- 21553 2 cm wide quartz vein within andesite. Epidote alteration and pyrite (10%).
- 21554 Chloritized andesite.
- 21555 Andesite with 25% disseminated pyrite.
- 21556 Altered andesite with 20% pyrite and chalcopyrite.
- 21557 Shear within altered andesite containing 20% pyrite.
- 21558 Quartz stringers within altered andesite. Fine grained pyrite to 20%.
- 21559 Quartz porphyry or breccia? with 10% pyrite, chalcopyrite and bornite.
- 21560 1 m wide fracture zone within chloritized, silicified dacite.
- 21561 Gossanous and silicified shear veins containing trace of pyrite and galena.
- 21562 As in 21561.
- 21563 5 cm wide silicified shear with sericite, malachite, and pyrite (trace).
- 21564 Quartz vein within acidic to intermediate intrusive rocks.
- 21565 Minor shear, sericitized with 30% sulphides (pyrite, chalcopyrite). Malachite and azurite as oxidation products.
- 21566 Calcified shear with 20% pyrite and chalcopyrite. Malachite as an oxidation product.
- 21567 Quartz - carbonate shear vein with 20% pyrite and chalcopyrite.
- 21568 Calcitic shear with 30% pyrite.
- 21651 Barite vein with a trace of galena.
- 21652 Barite vein within andesite. Trace of pyrite and galena.
- 21653 1 m wide chloritized? shear within andesite. Minor barite content with a trace of pyrite and sphalerite. Visible length 10 metres.

- 21701 5 cm wide, sheared, brecciated, and silicified volcanoclastic. Trace of disseminated pyrite, arsenopyrite, and malachite.
- 21702 Bleached volcanic with iron stained boxwork texture. Disseminated pyrite and arsenopyrite.
- 21703 Brecciated syenite porphyry with quartz - carbonate stringers and a trace of disseminated pyrite.
- 21704 Altered syenite porphyry with quartz - carbonate stringers and a trace of disseminated pyrite.
- 21705 Volcanoclastic rock with boxwork texture. Trace disseminated pyrite. Gossanous.
- 21706 Quartz vein within bleached volcanics. Trace pyrrhotite.
- 21707 Quartz vein - breccia within chloritized feldspar porphyry. Trace disseminated pyrite. Limonite on exposed fracture surfaces.
- 21708 Quartz vein with a trace of pyrite and chalcopyrite.
- 21709 Chip sample over 0.5 m of the footwall of the quartz vein sampled above (21708).
- 21710 Chip sample over 0.3 m of the hanging wall of the quartz vein sampled above (21708). Some quartz stringers included.
- 21711 Quartz float containing a trace of pyrite and pyrrhotite.
- 21712 Chip sample over 0.3 m of a hematized and pyritized shear zone within volcanoclastics.
- 21713 Minor quartz - carbonate breccia within a small shear. Limonite and malachite as oxidation products.
- 21714 Brecciated quartz - carbonate vein within shear. Trace pyrite. Limonitic.
- 21751 Carbonate rich zone within intermediate volcanics. Trace of pyrite, chalcopyrite and malachite.
- 21752 Brecciated vein within intermediate volcanics. Trace pyrite, malachite and azurite.
- 21753 Silicified volcanics with a trace of pyrite, chalcopyrite and malachite.
- 21754 Brecciated vein within volcanics and adjacent to regional fault. Trace of pyrite, chalcopyrite, malachite, and azurite.
- 21755 Quartz vein with a trace of pyrite, chalcopyrite and galena.

- 21756 0.3 m wide quartz vein.
- 21757 Quartz vein with a trace of pyrite.
- 21758 Float.
- 21759 25 cm wide quartz vein with euhedral pyrite cubes (to 5 mm, 1%).
- 21760 Quartz vein with a trace of pyrite and chalcopyrite.
- 21761 Quartz vein with a trace of pyrite and chalcopyrite.
- 21762 Quartz vein with a trace of pyrite and specular hematite.
- 21763 Quartz vein with a trace of pyrite.
- 21764 As in 21763.
- 21765 5 m wide shear zone within altered acidic volcanics. Trace of pyrite.
- 21766 Trace of pyrite within altered acidic volcanics.
- 21767 Trace of pyrite within sheared acidic volcanics.
- 21768 50 cm wide quartz vein with a trace of pyrite.
- 21769 10 cm wide quartz - ankerite vein with a trace of pyrite.  
1 m long.
- 21770 Quartz vein 10 cm wide with less than 5% specular hematite and pyrite.
- 21771 Quartz, ankerite vein with 20% chalcopyrite, pyrite and specular hematite mineralization and malachite oxidation.
- 21772 10 cm wide shear with 2% disseminated, fine grained pyrite.

APPENDIX B  
ANALYTICAL RESULTS

## Rock Samples

Sample #	Job #
21301-21335	0819
21336-21341	0863
21501-21518	0819
21519	0863
21520-21538	0819
21539-21540	0863
21551-21568	0863
21651-21653	0819
21701-21714	0863
21751-21768	0863
21769-21772	1331

### Soil Samples

Sample #	Job #
5 T L	
0+00-3+00W	0894
4+00W-10+50W	0894
6 T L	
0+00W+8+50W	0894
7 T L	
0+00-9+00W	0894
8 T L	
4+50W-7+00W	0889
8+00W-9+50W	0889
1 A L	
0+00-9+50N	0778
10+50N, 11+00N	0778
12+00N-13+50N	0778
15+00N-15+50N	0778
2 A L	
0+00-10+00N	0778
11+00N-15+50N	0778
3 A L	
1+50N-15+00N	0778
4 A L	
1+50N-11+00N	0778
5 A L	
2+00N	0778
3+00N, 3+50N	0778
4+50N-6+50N	0778
7+00N-18+50N	0821
6 A L	
2+00N-6+00N	0778
6+50N-12+50N	0821
0+00-1+00S	0821
1+50S-2+50S	0822
3+00S-4+50S	0821
5+50S, 6+00S	0821

Sample #	Job #
7 A L	
0+00-4+00N (B)	0821
0+00-10+00N (A)	0821
0+00, 0+50N (C)	0821
1+00, 1+50N (C)	0822
8 A L	
0+00-6+00N	0886
8 A L	
0+00-6+00S	0821
9 A L	
0+00-12+50N	0821
9.5 A L	
0+00-14+00S	0821
10 A L	
0+00-15+00S	0821
0+00-13+50S	0889
11 A L	
0+00-17+50N	0821
12 A L	
0+00-14+50N	0821
13 A L	
0+00-4+00N	0821
5+00N-14+50N	0821
15+50N	0821
16+50N-18+50N	0821

**SILTS/HEAVY MINERAL SAMPLES**

<b>Sample #</b>	<b>Job #</b>
VH005, VH006	0887
VT008, VT009	0888
AT001-AT003	0864
AT011-AT013	1225
AT014	0821
AH010, AH011	0821





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REPORT NUMBER: 181542 AA

JOB NUMBER: 181542

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SAMPLE #

Au  
oz/st

21542

2.002

21543

11.304

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.00012

ppm = parts per million

< = less than

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



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REPORT NUMBER: 880819 AA

JOB NUMBER: 880819

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PAGE 1 OF 1

SAMPLE #

Au  
oz/st

21320

.139

## DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppa

.005  
1 ppa = 0.00012

ppa = parts per million

< = less than

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



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JOB NUMBER: 880819

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SAMPLE #	Au
	ppb
21052	nd
21301	10
21302	nd
21303	nd
21304	nd
21305	5
21306	nd
21307	nd
21308	nd
21309	nd
21310	nd
21311	nd
21312	nd
21313	nd
21314	nd
21315	nd
21316	nd
21317	nd
21318	nd
21319	nd
21320	4950
21321	nd
21322	nd
21323	nd
21324	nd
21325	nd
21326	nd
21327	nd
21328	nd
21329	nd
21330	nd
21331	nd
21332	nd
21333	nd
21334	nd
21335	nd
21501	nd
21503	nd
21504	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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JOB NUMBER: 880819

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PAGE 2 OF 2

SAMPLE #	Au
	ppb
21505	nd
21506	nd
21507	nd
21508	nd
21509	nd
21510	nd
21511	nd
21512	nd
21513	nd
21514	5
21515	nd
21516	10
21517	nd
21518	35
21520	140
21521	nd
21522	nd
21523	nd
21524	nd
21525	nd
21526	nd
21527	nd
21528	nd
21529	nd
21530	nd
21531	nd
21532	nd
21533	nd
21534	nd
21535	20
21536	nd
21537	nd
21538	nd
21651	nd
21652	nd
21653	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
21052	0.1	8	411	3	1.1	10	59	1	7	223
21301	0.3	9	741	<3	0.3	2	15	3	13	21
21302	0.2	14	64	<3	0.6	3	12	5	16	32
21303	2.1	15	114	<3	0.5	3	5939	3	9	32
21304	0.3	12	13	6	1.3	1	135	3	76	68
21305	0.4	12	13	<3	0.8	8	57	4	11	15
21306	11.7	11	56	13	1.1	3	170	7	722	58
21307	0.9	7	41	5	1.1	13	50	2	25	116
21308	0.6	4	56	6	1.3	13	71	3	16	88
21309	1.1	19	980	<3	0.3	2	94	16	32	23
21310	0.4	11	514	<3	0.6	2	215	10	18	31
21311	0.1	<3	462	<3	0.8	16	46	1	4	94
21312	0.1	7	136	3	0.8	10	22	1	8	79
21313	0.1	<3	265	3	1.1	13	50	1	4	133
21314	0.1	<3	287	<3	0.9	7	23	2	2	102
21315	0.1	<3	>1000	<3	0.6	3	6	<1	2	48
21316	0.1	<3	>1000	<3	0.7	14	105	<1	8	168
21317	0.1	7	248	<3	0.7	10	127	2	9	59
21318	0.1	<3	>1000	<3	0.4	3	10	3	5	55
21319	1.1	19	135	7	2.1	5	3968	3	4	250
21320	3.1	68	20	9	5.2	7	9287	4	2	286
21321	1.1	19	375	5	3.4	10	1194	4	7	260
21322	0.1	<3	>1000	3	1.3	20	40	6	4	61
21323	4.3	<3	21	13	2.4	110	8575	8	18	188
21324	0.1	7	112	<3	1.1	15	118	3	16	108
21325	0.1	<3	>1000	<3	0.6	3	37	6	5	48
21326	0.1	3	138	<3	0.7	1	27	1	2	29
21327	0.4	11	179	<3	0.5	3	14	1	10	48
21328	0.3	13	365	<3	1.1	2	14	2	18	263
21329	0.1	<3	290	4	1.1	9	26	5	30	167
21330	0.1	8	131	3	0.9	14	32	2	25	139
21331	0.1	6	270	<3	0.2	6	52	1	6	43
21332	0.3	13	67	<3	0.4	2	10	1	12	30
21333	1.1	32	486	<3	0.3	2	123	5	59	32
21334	1.1	7	486	<3	0.4	2	1302	1	8	41
21335	0.1	<3	114	<3	0.9	17	202	1	8	123
21501	0.1	41	30	<3	0.4	3	18	3	14	38
21503	0.6	52	25	4	3.3	9	466	3	13	207
21504	0.2	15	175	<3	0.4	<1	30	<1	1638	52

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample as = No sample > = Greater than Maximum



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Sample Number	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Co ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
21505	0.1	<3	663	3	2.5	11	26	2	23	244
21506	0.1	<3	>1000	<3	1.3	12	15	1	2	67
21507	0.1	<3	>1000	<3	1.2	10	17	1	4	88
21508	0.1	<3	>1000	<3	0.7	7	14	<1	5	47
21509	0.1	<3	>1000	4	1.1	18	11	1	2	112
21510	0.1	<3	411	<3	0.8	10	12	3	4	75
21511	0.1	3	233	<3	1.2	21	547	5	21	115
21512	0.1	<3	724	<3	0.7	6	18	2	9	68
21513	0.5	14	92	<3	0.3	2	6	1	14	87
21514	0.1	<3	9	18	3.3	6	59	11	59	44
21515	0.1	<3	9	15	3.1	2	23	7	67	49
21516	0.1	6	8	<3	1.9	35	36	5	33	6
21517	0.1	<3	7	9	1.8	4	27	5	42	7
21518	0.1	<3	7	19	3.3	4	39	47	54	129
21520	1.1	<3	7	18	2.7	45	126	15	86	62
21521	0.1	6	162	<3	0.6	4	8	3	7	77
21522	0.1	4	605	<3	0.3	4	13	4	10	70
21523	0.1	<3	494	<3	1.4	17	21	3	19	132
21524	0.1	<3	515	<3	1.1	13	89	1	2	102
21525	0.1	9	281	<3	0.2	3	7	4	7	26
21526	0.1	<3	>1000	<3	2.3	12	33	1	4	126
21527	0.1	<3	950	<3	0.1	1	13	<1	18	19
21528	0.1	<3	223	<3	1.2	12	5	1	2	45
21529	0.1	9	67	<3	0.5	6	5	2	9	31
21530	0.1	<3	73	5	1.1	14	66	4	15	87
21531	0.1	<3	416	<3	0.9	14	343	3	2	75
21532	0.1	7	116	<3	0.5	7	13	6	10	44
21533	0.7	45	11	<3	0.4	23	334	6	21	20
21534	0.4	11	352	<3	0.1	3	12	1	7	13
21535	0.5	<3	7	15	3.1	6	104	10	55	6
21536	0.1	18	6	7	1.8	1	20	7	53	45
21537	0.4	12	119	<3	0.1	2	5	3	4	8
21538	0.1	6	146	<3	0.6	7	4	1	7	91
21651	2.6	11	54	<3	1.6	5	10	1	7519	310
21652	3.9	11	20	<3	3.1	12	27	3	10446	609
21653	0.6	17	18	6	57.5	13	299	9	192	14512

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1

Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum

**ANOMALOUS RESULTS:**

FURTHER ANALYSES  
BY ALTERNATE  
METHODS SUGGESTED



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REPORT NUMBER: 880821 GA

JOB NUMBER: 880821

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SAMPLE #	Au ppb
5 AL RM 7+00N	5
5 AL RM 7+50N	5
5 AL RM 8+00N	15
5 AL RM 8+50N	15
5 AL RM 9+00N	20
5 AL RM 9+50N	5
5 AL RM 10+00N	5
5 AL RM 10+50N	15
5 AL RM 11+00N	10
5 AL RM 11+50N	15
5 AL RM 12+00N	10
5 AL RM 12+50N	5
5 AL RM 13+00N	nd
5 AL RM 13+50N	5
5 AL RM 14+00N	15
5 AL RM 14+50N	15
5 AL RM 15+00N	15
5 AL RM 16+00N	10
5 AL RM 16+50N	5
5 AL RM 17+00N	15
5 AL RM 17+50N	nd
5 AL RM 18+00N	10
5 AL RM 18+50N	10
6 AL 0S	15
6 AL 50S	5
6 AL 100S	15
6 AL 300S	5
6 AL 350S	nd
6 AL 400S	15
6 AL 450S	10
6 AL 550S	5
6 AL 600S	5
6 AL AL 6+50N	5
6 AL AL 7+00N	15
6 AL AL 7+50N	15
6 AL AL 8+00N	10
6 AL AL 8+50N	20
6 AL AL 9+00N	15
6 AL AL 9+50N	20

DETECTION LIMIT

5

nd = none detected

-- = not analysed

15 = insufficient sample



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SAMPLE #	Au ppb
6 AL AL 10+00N	5
6 AL AL 10+50N	5
6 AL AL 11+00N	15
6 AL AL 11+50N	10
6 AL AL 12+50N	20
7 AL 0+00N A	15
7 AL 0+00N B	15
7 AL 0+00N C	75
7 AL 0+50N A	15
7 AL 0+50N B	10
7 AL 0+50N C	90
7 AL 1+00N A	60
7 AL 1+00N B	15
7 AL 1+50N A	80
7 AL 1+50N B	15
7 AL 2+00N A	20
7 AL 2+00N B	25
7 AL 2+50N A	30
7 AL 2+50N B	25
7 AL 3+00N A	15
7 AL 3+00N B	15
7 AL 3+50N A	15
7 AL 3+50N B	15
7 AL 4+00N	10
7 AL 4+50N	480
7 AL 5+00N	20
7 AL 5+50N	55
7 AL 6+00N	10
7 AL 6+50N	20
7 AL 7+00N	20
7 AL 7+50N	35
7 AL 8+00N	10
7 AL 8+50N	150
7 AL 9+00N	5
7 AL 9+50N	10
7 AL 10+00N	20
7 AL 0+00S	10
7 AL 0+50S	5
7 AL 1+00S	10

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample





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SAMPLE #		Au ppb
7 AL	1+50S	5
7 AL	2+00S	15
7 AL	2+50S	5
7 AL	3+50S	5
7 AL	4+00S	15
7 AL	4+50S	50
7 AL	5+50S	15
7 AL	6+00S	25
8 AL	0+00S	nd
8 AL	0+50S	15
8 AL	1+00S	15
8 AL	1+50S	20
8 AL	2+00S	15
8 AL	2+50S	25
8 AL	3+00S	20
8 AL	3+50S	25
8 AL	4+00S	15
8 AL	4+50S	15
8 AL	5+00S	20
8 AL	5+50S	35
8 AL	6+00S	30
9 AL	0+00S	100
9 AL	0+50S	115
9 AL	1+00S	35
9 AL	1+50S	20
9 AL	2+00S	20
9 AL	2+50S	15
9 AL	3+00S	20
9 AL	3+50S	15
9 AL	4+00S	20
9 AL	4+50S	30
9 AL	5+00S	20
9 AL	5+50S	10
9 AL	6+00S	20
9 AL	6+50S	5
9 AL	7+00S	15
9 AL	7+50S	15
9 AL	8+00S	15
9 AL	8+50S	25

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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SAMPLE #		Au ppb
9 AL	9+00S	10
9 AL	9+50S	10
9 AL	10+00S	20
9 AL	10+50S	20
9 AL	11+00S	15
9 AL	11+50S	15
9 AL	12+00S	605
9 AL	12+50S	20
9 1/2 AL	0+00S	35
9 1/2 AL	0+50S	15
9 1/2 AL	1+00S	25
9 1/2 AL	1+50S	15
9 1/2 AL	2+00S	20
9 1/2 AL	2+50S	110
9 1/2 AL	3+00S	10
9 1/2 AL	3+50S	15
9 1/2 AL	4+00S	10
9 1/2 AL	4+50S	25
9 1/2 AL	5+00S	10
9 1/2 AL	5+50S	10
9 1/2 AL	6+00S	nd
9 1/2 AL	6+50S	20
9 1/2 AL	7+00S	15
9 1/2 AL	7+50S	5
9 1/2 AL	8+00S	nd
9 1/2 AL	8+50S	20
9 1/2 AL	9+00S	15
9 1/2 AL	9+50S	10
9 1/2 AL	10+00S	25
9 1/2 AL	10+50S	35
9 1/2 AL	11+00S	5
9 1/2 AL	11+50S	10
9 1/2 AL	12+00S	15
9 1/2 AL	13+50S	55
9 1/2 AL	14+00S	5
10 AL	0+00S	35
10 AL	0+50S	nd
10 AL	1+00S	10
10 AL	1+50S	20

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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SAMPLE #		Au
		ppb
10 AL	2+50S	5
10 AL	3+00S	30
10 AL	3+50S	30
10 AL	4+00S	15
10 AL	4+50S	nd
10 AL	5+00S	15
10 AL	5+50S	70
10 AL	6+00S	20
10 AL	6+50S	25
10 AL	7+00S	20
10 AL	7+50S	10
10 AL	8+00S	10
10 AL	8+50S	nd
10 AL	9+00S	25
10 AL	9+50S	145
10 AL	10+00S	55
10 AL	10+50S	20
10 AL	11+00S	35
10 AL	11+50S	40
10 AL	12+00S	60
10 AL	12+50S	35
10 AL	13+00S	10
10 AL	13+50S	15
10 AL	14+00S	35
10 AL	14+50S	15
10 AL	15+00S	50
11 AL	0+00N	25
11 AL	0+50N	30
11 AL	1+00N	15
11 AL	1+50N	25
11 AL	2+00N	15
11 AL	2+50N	20
11 AL	3+00N	10
11 AL	3+50N	15
11 AL	4+00N	nd
11 AL	4+50N	20
11 AL	5+00N	30
11 AL	5+50N	10
11 AL	6+00N	15

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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SAMPLE #		Au ppb
11 AL	6+50N	20
11 AL	7+00N	15
11 AL	7+50N	45
11 AL	8+00N	40
11 AL	8+50N	20
11 AL	9+00N	30
11 AL	9+50N	20
11 AL	10+00N	25
11 AL	10+50N	10
11 AL	11+00N	15
11 AL	11+50N	15
11 AL	12+00N	25
11 AL	12+50N	20
11 AL	13+00N	20
11 AL	13+50N	nd
11 AL	14+00N	10
11 AL	14+50N	10
11 AL	15+00N	20
11 AL	15+50N	10
11 AL	16+00N	5
11 AL	16+50N	50
11 AL	17+00N	15
11 AL	17+50N	25
12 AL	0+00N	10
12 AL	0+50N	25
12 AL	1+00N	15
12 AL	1+50N	20
12 AL	2+00N	95
12 AL	2+50N	10
12 AL	3+00N	15
12 AL	3+50N	5
12 AL	4+50N	10
12 AL	5+50N	10
12 AL	6+00N	20
12 AL	6+50N	10
12 AL	7+00N	15
12 AL	7+50N	15
12 AL	8+00N	5
12 AL	8+50N	10

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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SAMPLE #		Au ppb
12 AL	9+00N	5
12 AL	9+50N	5
12 AL	10+00N	10
12 AL	10+50N	10
12 AL	11+00N	10
12 AL	11+50N	5
12 AL	12+00N	10
12 AL	12+50N	15
12 AL	13+00N	15
12 AL	13+50N	nd
12 AL	14+00N	nd
12 AL	14+50N	15
13 AL	0+00N	10
13 AL	0+50N	15
13 AL	1+00N	10
13 AL	1+50N	25
13 AL	2+00N	10
13 AL	2+50N	20
13 AL	3+00N	5
13 AL	3+50N	10
13 AL	4+00N	10
13 AL	5+00N	15
13 AL	5+50N	10
13 AL	6+00N	10
13 AL	6+50N	10
13 AL	7+00N	15
13 AL	7+50N	nd
13 AL	8+00N	5
13 AL	8+50N	nd
13 AL	9+00N	5
13 AL	9+50N	15
13 AL	10+00N	15
13 AL	10+50N	15
13 AL	11+00N	10
13 AL	11+50N	5
13 AL	12+00N	nd
13 AL	12+50N	nd
13 AL	13+00N	nd
13 AL	13+50N	5

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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SAMPLE #		Au ppb
13 AL	14+00N	10
13 AL	14+50N	10
13 AL	15+50N	10
13 AL	16+50N	5
13 AL	17+00N	10
13 AL	17+50N	15
13 AL	18+00N	5
13 AL	18+50N	5
AHDH	010	20
AHDH	011	10
AT DH	014	70

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT #: 880821 PA

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Page 1 of 8

Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
5 AL RM 7+00N	0.1	<3	73	4	3.1	6	20	3	43	89
5 AL RM 7+50N	0.1	10	83	<3	0.6	4	14	9	23	76
5 AL RM 8+00N	0.4	15	35	<3	1.5	4	25	9	65	56
5 AL RM 8+50N	0.1	11	58	<3	1.7	5	13	6	28	159
5 AL RM 9+00N	0.1	3	132	3	2.5	4	17	7	32	93
5 AL RM 9+50N	0.1	<3	76	<3	0.1	3	11	11	17	28
5 AL RM 10+00N	0.1	<3	124	<3	0.8	3	12	3	25	50
5 AL RM 10+50N	0.1	12	44	<3	0.5	4	29	8	35	71
5 AL RM 11+00N	0.1	5	47	<3	0.1	2	10	5	17	49
5 AL RM 11+50N	0.1	17	29	<3	1.5	6	37	5	49	42
5 AL RM 12+00N	0.2	11	21	3	2.5	7	35	11	77	66
5 AL RM 12+50N	0.1	11	66	6	4.5	9	24	7	40	97
5 AL RM 13+00N	0.3	<3	23	<3	1.7	2	29	4	93	80
5 AL RM 13+50N	0.1	3	33	<3	1.1	3	21	6	79	65
5 AL RM 14+00N	0.1	<3	307	<3	1.2	9	28	4	43	152
5 AL RM 14+50N	0.1	3	44	<3	0.1	1	5	1	10	22
5 AL RM 15+00N	0.1	7	93	<3	1.7	5	14	14	43	61
5 AL RM 16+00N	0.1	<3	117	<3	0.3	5	9	2	19	38
5 AL RM 16+50N	0.1	3	109	<3	0.8	4	9	4	21	51
5 AL RM 17+00N	0.1	6	128	<3	1.5	7	40	5	27	75
5 AL RM 17+50N	0.1	3	105	<3	0.1	4	13	2	23	65
5 AL RM 18+00N	0.1	7	64	<3	2.2	4	25	6	59	105
5 AL RM 18+50N	0.1	<3	227	<3	0.1	3	34	5	24	85
6 AL 0S	0.1	7	50	<3	1.2	4	38	4	52	86
6 AL 50S	0.1	13	105	<3	2.2	7	28	9	49	95
6 AL 100S	0.5	14	30	<3	2.2	6	42	9	67	66
6 AL 300S	0.1	<3	196	3	2.7	105	114	7	46	190
6 AL 350S	0.1	<3	121	<3	2.1	7	20	7	44	154
6 AL 400S	0.1	4	43	<3	0.1	2	10	3	24	33
6 AL 450S	0.1	7	47	<3	0.1	1	5	1	14	18
6 AL 550S	0.1	7	75	<3	0.3	3	10	7	30	37
6 AL 600S	0.1	<3	139	<3	1.7	16	27	4	43	111
6 AL AL 6+50N	0.1	7	33	<3	0.1	2	6	2	17	27
6 AL AL 7+00N	0.3	<3	66	<3	1.2	5	24	8	56	91
6 AL AL 7+50N	0.1	6	42	<3	0.1	5	16	4	40	35
6 AL AL 8+00N	0.2	17	15	5	3.1	4	34	10	83	55
6 AL AL 8+50N	0.1	6	157	3	2.7	14	49	7	46	89
6 AL AL 9+00N	0.3	<3	35	<3	1.5	2	24	6	67	47
6 AL AL 9+50N	0.1	11	48	<3	0.6	5	21	8	36	45

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
 Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
 < = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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REPORT #: 880821 PA

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Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
6 AL AL 10+00N	0.5	<3	12	<3	1.7	2	16	4	99	72
6 AL AL 10+50N	0.3	10	15	<3	2.2	4	24	7	51	39
6 AL AL 11+00N	0.1	15	43	<3	1.8	3	20	7	49	39
6 AL AL 11+50N	0.1	5	111	<3	1.2	4	47	3	21	30
6 AL AL 12+50N	0.1	33	70	<3	1.7	6	97	3	54	88
7 AL 0+00N A	0.1	18	53	<3	2.4	3	25	8	61	61
7 AL 0+00N B	0.1	17	32	<3	1.1	2	15	2	17	35
7 AL 0+00N C	0.1	13	105	<3	1.2	8	68	2	24	62
7 AL 0+50N A	0.2	3	74	<3	1.6	2	18	5	59	85
7 AL 0+50N B	0.1	14	30	<3	2.5	4	26	10	56	73
7 AL 0+50N C	0.1	17	124	<3	3.1	47	436	3	35	246
7 AL 1+00N A	0.1	22	107	3	2.4	21	342	3	30	106
7 AL 1+00N B	0.2	3	25	<3	2.7	4	32	6	80	62
7 AL 1+50N A	0.1	21	151	3	2.9	14	102	4	56	160
7 AL 1+50N B	0.4	21	60	3	2.9	3	25	9	62	59
7 AL 2+00N A	0.1	16	86	<3	2.5	23	113	4	41	275
7 AL 2+00N B	0.1	41	85	<3	1.7	13	48	3	40	180
7 AL 2+50N A	0.2	9	43	<3	1.7	5	52	3	61	67
7 AL 2+50N B	0.1	8	39	<3	1.2	3	17	6	42	59
7 AL 3+00N A	0.1	10	108	<3	0.8	4	18	3	14	37
7 AL 3+00N B	0.1	22	74	<3	1.7	10	48	2	26	93
7 AL 3+50N A	0.1	20	44	<3	2.2	5	25	13	43	68
7 AL 3+50N B	0.1	19	82	<3	2.2	9	64	3	39	105
7 AL 4+00N	0.1	10	26	3	2.7	2	21	7	58	53
7 AL 4+50N	0.2	9	>1000	3	3.2	21	122	27	62	157
7 AL 5+00N	0.4	9	81	<3	2.5	3	26	8	66	75
7 AL 5+50N	0.1	6	260	<3	2.5	11	13	6	37	110
7 AL 6+00N	0.1	22	95	<3	1.6	8	38	5	52	131
7 AL 6+50N	0.6	16	33	<3	2.1	4	32	5	66	93
7 AL 7+00N	0.1	18	44	<3	2.1	4	26	4	45	69
7 AL 7+50N	0.1	21	51	<3	1.1	4	18	3	29	56
7 AL 8+00N	0.1	25	258	<3	2.2	10	32	4	42	104
7 AL 8+50N	0.1	13	429	<3	3.1	14	49	8	58	165
7 AL 9+00N	0.4	8	51	<3	1.5	4	20	6	60	99
7 AL 9+50N	0.1	9	414	<3	2.5	16	178	8	400	138
7 AL 10+00N	0.2	<3	63	<3	1.7	9	32	4	62	99
7 AL 0+00S	0.5	20	47	<3	2.2	6	29	25	57	76
7 AL 0+50S	0.1	9	173	<3	1.5	4	19	13	51	73
7 AL 1+00S	0.4	15	21	<3	1.2	5	22	12	50	59

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum





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

REPORT #: 880821 PA

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Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
7 AL 1+50S	0.1	5	54	<3	2.7	4	24	7	58	61
7 AL 2+00S	0.1	<3	640	<3	2.2	7	50	23	35	73
7 AL 2+50S	0.5	13	24	9	2.2	4	29	11	92	70
7 AL 3+50S	0.1	19	23	5	2.1	6	29	11	52	39
7 AL 4+00S	0.1	9	40	<3	0.8	3	21	6	44	38
7 AL 4+50S	0.2	<3	27	3	2.1	2	21	5	84	62
7 AL 5+50S	0.5	<3	42	5	2.2	1	29	5	96	65
7 AL 6+00S	0.1	20	57	<3	1.2	5	28	5	47	85
8 AL 0+00S	0.8	36	16	21	4.5	6	60	16	119	67
8 AL 0+50S	0.1	23	79	<3	1.3	5	40	4	45	82
8 AL 1+00S	0.5	6	44	5	2.2	4	43	5	78	97
8 AL 1+50S	0.1	9	45	4	2.1	5	59	8	73	99
8 AL 2+00S	2.9	<3	44	4	1.8	6	162	6	64	91
8 AL 2+50S	0.1	5	36	<3	1.3	3	32	5	59	93
8 AL 3+00S	0.1	23	54	4	1.7	6	78	6	60	103
8 AL 3+50S	0.1	8	65	3	1.8	11	61	3	55	101
8 AL 4+00S	0.1	19	39	4	1.8	5	48	4	40	54
8 AL 4+50S	0.1	30	113	4	1.6	5	45	6	53	99
8 AL 5+00S	0.1	21	61	5	1.6	13	29	4	31	52
8 AL 5+50S	0.1	35	41	12	3.9	61	381	4	78	212
8 AL 6+00S	0.1	15	57	<3	1.3	9	151	4	39	59
9 AL 0+00S	0.1	28	378	7	2.7	19	591	4	49	139
9 AL 0+50S	0.1	14	63	9	3.2	11	172	10	56	58
9 AL 1+00S	0.1	18	41	<3	1.5	3	37	11	62	46
9 AL 1+50S	0.1	25	55	<3	1.2	6	38	4	49	97
9 AL 2+00S	0.1	47	39	<3	1.1	3	23	7	49	63
9 AL 2+50S	0.5	22	19	11	2.7	3	32	11	108	79
9 AL 3+00S	0.5	16	24	7	2.2	4	32	12	87	70
9 AL 3+50S	0.2	26	26	14	2.8	14	47	10	64	96
9 AL 4+00S	0.1	16	41	5	1.6	15	53	16	33	64
9 AL 4+50S	0.1	61	43	12	3.2	10	129	38	71	54
9 AL 5+00S	0.1	25	71	8	2.5	6	36	42	79	119
9 AL 5+50S	0.1	4	368	<3	1.6	12	52	7	48	250
9 AL 6+00S	0.2	9	40	<3	1.3	5	163	23	67	77
9 AL 6+50S	0.1	3	295	<3	2.1	19	78	10	44	254
9 AL 7+00S	0.1	<3	149	<3	0.6	3	21	4	42	58
9 AL 7+50S	0.1	27	28	9	2.5	5	30	16	77	70
9 AL 8+00S	0.1	9	316	<3	1.1	7	28	7	44	103
9 AL 8+50S	0.1	11	142	<3	1.5	8	45	7	51	131

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
 Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
 < = Less than Minimum is = Insufficient Sample us = No sample > = Greater than Maximum



# 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 #: 880821 PA

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Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
9 AL 9+00S	0.1	<3	231	<3	0.9	12	32	53	43	121
9 AL 9+50S	0.1	<3	225	<3	0.8	1	21	3	9	82
9 AL 10+00S	0.2	16	126	<3	1.2	6	32	19	56	136
9 AL 10+50S	0.1	20	87	<3	1.2	6	33	10	37	75
9 AL 11+00S	0.1	13	66	<3	0.8	6	51	2	30	83
9 AL 11+50S	0.1	14	302	<3	1.2	17	52	7	28	130
9 AL 12+00S	0.1	15	197	<3	1.2	19	52	2	26	84
9 AL 12+50S	0.1	12	297	<3	0.8	12	39	2	25	93
9 1/2 AL 0+00S	0.1	5	65	<3	0.1	2	10	2	11	35
9 1/2 AL 0+50S	0.1	14	68	<3	1.2	3	21	7	59	77
9 1/2 AL 1+00S	0.4	<3	47	<3	1.2	2	21	4	79	63
9 1/2 AL 1+50S	0.1	18	54	<3	1.1	3	16	7	53	59
9 1/2 AL 2+00S	0.1	25	53	<3	1.2	2	25	7	61	62
9 1/2 AL 2+50S	0.2	19	33	4	1.7	4	31	8	68	65
9 1/2 AL 3+00S	0.3	27	28	5	2.1	4	32	13	80	102
9 1/2 AL 3+50S	0.5	<3	23	<3	1.2	2	16	4	79	67
9 1/2 AL 4+00S	0.4	<3	30	4	1.7	2	22	7	92	63
9 1/2 AL 4+50S	0.1	<3	83	<3	1.2	21	22	8	72	105
9 1/2 AL 5+00S	0.1	15	93	<3	1.5	7	45	4	56	134
9 1/2 AL 5+50S	0.1	22	180	4	1.7	4	22	18	66	127
9 1/2 AL 6+00S	0.1	22	47	10	3.1	4	31	8	74	55
9 1/2 AL 6+50S	0.3	7	23	7	2.2	2	22	7	93	80
9 1/2 AL 7+00S	0.1	7	47	<3	1.7	5	60	6	58	62
9 1/2 AL 7+50S	0.1	23	92	<3	1.2	3	32	12	53	51
9 1/2 AL 8+00S	0.1	27	47	3	2.1	5	38	19	60	80
9 1/2 AL 8+50S	0.1	19	71	6	2.7	5	65	14	49	49
9 1/2 AL 9+00S	0.1	27	88	3	1.6	6	35	9	41	80
9 1/2 AL 9+50S	0.1	73	55	<3	1.2	11	70	6	50	115
9 1/2 AL 10+00S	0.1	20	44	<3	1.6	6	77	9	68	88
9 1/2 AL 10+50S	0.1	13	223	<3	1.2	9	33	6	32	83
9 1/2 AL 11+00S	0.1	36	140	<3	1.2	14	74	4	42	145
9 1/2 AL 11+50S	0.1	25	55	<3	1.7	5	30	10	56	82
9 1/2 AL 12+00S	0.1	17	337	<3	1.6	13	59	2	30	126
9 1/2 AL 13+50S	0.1	18	264	<3	1.1	14	92	3	25	77
9 1/2 AL 14+00S	0.1	14	337	<3	1.1	15	80	2	26	74
10 AL 0+00S	0.1	46	269	<3	1.7	14	69	4	56	149
10 AL 0+50S	0.5	22	38	3	1.6	5	27	9	73	91
10 AL 1+00S	0.1	16	28	<3	1.2	4	20	8	68	43
10 AL 1+50S	0.4	39	22	17	4.1	5	46	14	97	70

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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REPORT #: 880821 PA

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Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
10 AL 2+50S	0.1	15	72	<3	0.8	2	14	7	41	68
10 AL 3+00S	0.3	31	121	3	2.3	6	76	9	58	116
10 AL 3+50S	0.2	24	292	<3	2.2	9	124	8	49	119
10 AL 4+00S	0.5	16	46	4	2.3	6	30	10	73	56
10 AL 4+50S	0.4	<3	141	<3	1.4	10	89	11	59	98
10 AL 5+00S	0.1	6	268	<3	2.1	4	24	4	29	55
10 AL 5+50S	0.1	23	201	<3	2.3	10	62	7	56	188
10 AL 6+00S	0.4	17	65	3	2.3	3	34	9	71	79
10 AL 6+50S	0.2	20	118	<3	2.4	6	34	7	61	85
10 AL 7+00S	0.2	26	84	5	2.7	6	51	12	55	71
10 AL 7+50S	0.8	24	124	4	2.7	5	60	14	58	82
10 AL 8+00S	0.2	40	115	7	2.9	4	35	9	51	81
10 AL 8+50S	0.1	14	342	4	2.7	20	66	12	48	99
10 AL 9+00S	0.1	12	427	<3	2.3	10	84	6	35	92
10 AL 9+50S	0.2	32	110	<3	2.1	5	154	5	33	40
10 AL 10+00S	0.2	15	49	<3	2.2	4	213	5	38	45
10 AL 10+50S	0.1	17	598	<3	2.1	11	71	5	40	130
10 AL 11+00S	0.1	19	170	<3	2.2	5	34	7	35	73
10 AL 11+50S	0.1	11	464	<3	1.1	8	19	2	20	78
10 AL 12+00S	0.1	18	48	<3	1.9	4	23	7	34	80
10 AL 12+50S	0.1	24	549	4	3.5	24	321	5	98	346
10 AL 13+00S	0.1	14	248	<3	1.3	9	40	2	22	64
10 AL 13+50S	0.2	16	331	<3	1.7	13	83	2	28	85
10 AL 14+00S	0.2	142	572	<3	1.4	13	59	3	32	98
10 AL 14+50S	0.1	23	358	<3	1.8	11	62	3	33	110
10 AL 15+00S	0.3	24	275	5	2.2	22	110	4	29	96
11 AL 0+00N	0.2	14	205	3	1.9	17	58	2	25	86
11 AL 0+50N	0.1	23	217	4	2.7	14	91	10	55	109
11 AL 1+00N	0.2	13	502	<3	1.9	12	<1	2	24	83
11 AL 1+50N	0.1	14	410	<3	1.5	10	123	2	22	80
11 AL 2+00N	0.1	11	534	<3	1.5	11	102	2	22	85
11 AL 2+50N	0.3	13	505	3	2.1	15	102	2	28	86
11 AL 3+00N	0.2	17	199	<3	1.4	12	76	3	23	66
11 AL 3+50N	0.2	26	290	<3	1.9	13	71	2	29	115
11 AL 4+00N	0.1	19	220	<3	1.6	10	54	2	26	93
11 AL 4+50N	0.1	13	821	<3	1.7	13	80	2	30	98
11 AL 5+00N	0.2	27	72	4	2.2	6	25	8	47	122
11 AL 5+50N	0.1	12	414	<3	1.6	9	82	6	39	147
11 AL 6+00N	0.1	15	235	<3	1.8	10	55	5	35	132

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
 Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
 < = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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REPORT #: 890821 PA

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Sample Number	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Co ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
11 AL 6+50N	0.2	30	93	4	2.5	6	53	4	48	83
11 AL 7+00N	0.1	29	63	3	2.1	5	114	8	39	84
11 AL 7+50N	0.1	42	167	5	2.5	22	179	5	57	147
11 AL 8+00N	0.1	14	380	<3	2.2	11	65	5	32	66
11 AL 8+50N	0.1	14	475	<3	2.2	10	44	2	31	137
11 AL 9+00N	0.2	24	137	9	3.5	10	64	7	48	87
11 AL 9+50N	0.3	41	81	7	3.4	7	51	8	60	94
11 AL 10+00N	0.1	37	227	3	2.5	10	99	4	52	118
11 AL 10+50N	0.1	20	216	8	3.2	14	51	4	50	103
11 AL 11+00N	0.1	19	134	<3	1.7	5	26	4	40	86
11 AL 11+50N	0.1	19	321	<3	2.1	4	23	5	39	72
11 AL 12+00N	0.1	31	119	<3	1.8	6	24	5	42	96
11 AL 12+50N	0.1	20	366	6	3.1	6	47	7	62	184
11 AL 13+00N	0.1	11	415	5	2.9	13	163	5	45	134
11 AL 13+50N	0.2	36	74	<3	2.1	8	138	6	58	85
11 AL 14+00N	0.1	25	91	7	2.9	5	97	4	41	110
11 AL 14+50N	0.1	9	54	<3	0.5	1	5	<1	18	38
11 AL 15+00N	0.3	29	76	13	4.5	13	433	6	63	133
11 AL 15+50N	0.2	26	289	<3	2.1	7	118	3	58	182
11 AL 16+00N	0.1	14	121	<3	1.6	14	41	3	37	62
11 AL 16+50N	0.3	42	111	<3	2.2	13	75	4	99	123
11 AL 17+00N	0.2	35	109	7	3.1	13	114	7	76	121
11 AL 17+50N	0.1	36	87	7	3.5	4	55	4	67	82
12 AL 0+00N	0.3	16	754	3	2.7	15	592	4	43	113
12 AL 0+50N	0.1	30	199	11	4.9	16	2204	16	61	165
12 AL 1+00N	0.2	27	537	<3	2.4	15	184	4	44	119
12 AL 1+50N	0.4	45	171	3	3.1	18	62	5	122	246
12 AL 2+00N	2.5	67	104	17	5.1	8	115	54	122	68
12 AL 2+50N	0.1	17	289	<3	3.2	13	36	6	202	200
12 AL 3+00N	0.1	13	752	<3	1.7	12	68	2	47	89
12 AL 3+50N	0.1	25	185	<3	1.3	7	15	3	37	69
12 AL 4+50N	0.1	16	650	<3	2.2	10	38	4	68	169
12 AL 5+50N	0.2	34	136	<3	2.4	8	30	6	46	136
12 AL 6+00N	1.3	17	58	<3	1.6	5	22	5	48	60
12 AL 6+50N	0.2	22	94	4	3.1	12	52	5	174	207
12 AL 7+00N	0.2	52	181	4	3.9	28	190	3	455	694
12 AL 7+50N	0.1	27	228	<3	2.1	10	38	3	111	142
12 AL 8+00N	0.2	14	197	<3	2.2	15	42	4	45	110
12 AL 8+50N	0.1	15	427	<3	2.1	20	61	102	51	169

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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BRANCH OFFICE  
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(604) 251-5656

REPORT #: 880821 PA

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Sample Number	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Co ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
12 AL 9+00N	0.1	13	166	<3	0.6	8	19	7	44	87
12 AL 9+50N	0.2	19	41	5	1.7	4	23	10	68	65
12 AL 10+00N	0.1	18	266	<3	1.2	13	28	7	91	103
12 AL 10+50N	0.3	27	61	<3	1.1	6	34	7	71	138
12 AL 11+00N	0.1	20	43	3	1.3	3	22	8	61	59
12 AL 11+50N	0.1	18	67	<3	0.6	5	26	9	52	88
12 AL 12+00N	0.1	13	605	<3	1.7	8	57	4	70	223
12 AL 12+50N	0.1	18	188	4	2.2	8	26	5	60	141
12 AL 13+00N	0.5	14	110	<3	0.8	2	23	6	69	102
12 AL 13+50N	0.5	21	36	7	2.5	3	24	9	87	73
12 AL 14+00N	0.3	16	34	<3	0.6	5	23	8	64	58
12 AL 14+50N	0.5	25	66	<3	1.1	6	22	6	76	126
13 AL 0+00N	0.1	18	310	<3	0.8	12	23	5	33	108
13 AL 0+50N	0.1	17	185	5	1.8	9	37	3	56	111
13 AL 1+00N	0.1	8	493	<3	0.6	5	19	2	36	103
13 AL 1+50N	0.1	32	185	<3	1.2	5	52	6	61	169
13 AL 2+00N	0.1	23	107	<3	1.1	6	29	7	62	146
13 AL 2+50N	0.2	63	609	13	31.7	73	1281	10	526	4982
13 AL 3+00N	0.1	26	191	4	2.5	14	89	5	301	349
13 AL 3+50N	0.1	31	322	6	2.9	16	93	7	187	311
13 AL 4+00N	0.1	27	>1000	8	5.5	12	58	12	1110	644
13 AL 5+00N	0.1	33	324	5	2.5	18	41	7	156	227
13 AL 5+50N	0.1	25	255	<3	1.5	12	55	4	56	183
13 AL 6+00N	0.1	16	131	<3	0.5	6	26	2	42	145
13 AL 6+50N	0.1	21	89	6	2.7	5	25	8	68	148
13 AL 7+00N	0.6	25	35	5	1.7	2	20	8	91	89
13 AL 7+50N	0.3	14	193	<3	1.2	3	17	7	74	69
13 AL 8+00N	0.1	16	144	<3	0.6	9	34	5	41	103
13 AL 8+50N	0.1	21	102	<3	1.3	12	22	8	56	82
13 AL 9+00N	0.1	12	241	<3	1.1	16	48	4	40	124
13 AL 9+50N	0.1	8	344	<3	0.3	6	23	3	32	82
13 AL 10+00N	0.1	10	419	<3	0.1	4	17	3	37	56
13 AL 10+50N	0.3	34	85	3	1.3	11	44	6	70	174
13 AL 11+00N	0.3	16	65	3	1.2	4	21	6	61	87
13 AL 11+50N	0.1	25	85	<3	0.2	4	30	3	36	93
13 AL 12+00N	0.1	31	83	<3	0.6	6	41	6	42	122
13 AL 12+50N	0.1	21	42	<3	0.3	3	18	3	34	60
13 AL 13+00N	0.4	<3	46	3	1.6	5	50	2	81	111
13 AL 13+50N	0.3	16	32	<3	0.1	7	42	7	56	55

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
 Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
 < = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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REPORT #: 880821 PA

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Sample Number		Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
13 AL	14+00N	0.4	<3	30	<3	1.1	4	37	1	77	75
13 AL	14+50N	0.3	<3	77	<3	1.2	9	46	<1	74	190
13 AL	15+50N	0.1	14	666	6	1.9	17	183	6	49	206
13 AL	16+50N	0.1	22	196	3	1.8	18	124	2	46	173
13 AL	17+00N	0.3	3	42	<3	0.8	6	43	4	71	86
13 AL	17+50N	0.3	<3	34	3	1.2	7	37	2	70	114
13 AL	18+00N	0.1	<3	>1000	3	1.4	11	122	2	39	95
13 AL	18+50N	0.1	15	49	<3	0.3	3	28	4	48	55
AHDH	010	0.2	14	129	6	1.6	27	78	3	29	85
AHDH	011	0.1	14	359	<3	0.5	9	44	3	25	70
ATDH	014	0.1	18	122	9	2.9	32	158	5	43	292
Minimum Detection		0.1	3	1	3	0.1	1	1	1	2	1
Maximum Detection		50.0	1000	1000	1000	100.0	20000	20000	1000	20000	20000
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum											

## ANOMALOUS RESULTS:

FURTHER ANALYSES  
BY ALTERNATE  
METHODS SUGGESTED

08/10/88

16:00

VANGEOCHEM LAB LIMITED

NO. 000 1001 000

**VANGEOCHEM LAB LIMITED**

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

BRANCH OFFICE  
1630 PANDORA ST.  
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(604) 251-6656

REPORT NUMBER: 880822 GA

JOB NUMBER: 880822

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PAGE 1 OF 1

SAMPLE #	Au
	ppb
6AL 150S	50
6AL 200S	nd
6AL 250S	10
7AL 100N C	120
7AL 150N C	30
7AL 400N B	40
7AL 300S	nd
7AL 500S	nd
10AL 200S	nd
12AL 400N	nd
12AL 500N	nd
13AL 450N	nd
13AL 1600N	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

**VANGEOCHEM LAB LIMITED**  
1988 TRIUMPH STREET  
VANCOUVER, B.C. V5L 1K5

REPORT #: 880822 PA

**OREQUEST CONSULTANTS**

Page 1 of 1

[illegible]





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(604) 251-5656

REPORT NUMBER: 880863 AA

JOB NUMBER: 880863

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PAGE 1 OF 1

SAMPLE #	Au oz/st
21539	.079
21561	.073
21563	.114
21708	.152
21759	.592
21761	.875
21763	.388
21764	.144

## DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005  
1 ppm = 0.0001%

ppm = parts per million

< = less than

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



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REPORT NUMBER: 880863 GA

JOB NUMBER: 880863

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PAGE 1 OF 2

SAMPLE #	Au ppb
21114	15
21115	30
21336	30
21337	nd
21338	20
21339	270
21340	20
21341	70
21519	30
21539	2810
21540	190
21551	10
21552	240
21553	nd
21554	20
21555	30
21556	20
21557	nd
21558	nd
21559	10
21560	5
21561	2530
21562	800
21563	4010
21564	115
21565	35
21566	nd
21567	420
21568	10
21701	nd
21702	nd
21703	10
21704	15
21705	nd
21706	5
21707	10
21708	6410
21709	120
21710	390

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT NUMBER: 880863 GA

JOB NUMBER: 880863

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PAGE 2 OF 2

SAMPLE #	Au ppb
21711	15
21712	20
21713	45
21714	10
21751	5
21752	10
21753	nd
21754	10
21755	nd
21756	10
21757	nd
21758	nd
21759	>10000
21760	260
21761	>10000
21762	545
21763	>10000
21764	4930
21765	50
21766	20
21767	nd
21768	5

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT #: 880863 PA

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Page 1 of 2

Sample Number	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Co ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
21114	0.1	7	139	<3	1.1	4	18	2	9	32
21115	0.1	170	22	6	0.8	49	123	3	13	44
21336	0.2	11	353	<3	0.6	3	226	5	8	41
21337	0.1	10	268	<3	0.7	2	13	4	9	34
21338	0.1	4	210	<3	0.9	11	117	1	7	59
21339	0.4	48	197	<3	0.3	3	165	4	10	8
21340	0.1	<3	>1000	<3	0.9	7	318	5	9	27
21341	5.7	96	175	13	9.1	12	3467	6	12	486
21519	0.1	4	12	7	2.1	6	161	8	27	56
21539	1.1	3	33	5	1.5	14	28	6	10	66
21540	0.1	5	63	<3	1.5	3	66	4	2	51
21551	0.1	6	581	<3	0.5	2	48	4	6	32
21552	0.1	18	20	<3	1.2	9	494	5	8	31
21553	0.2	<3	175	8	1.5	11	26	5	21	105
21554	0.1	<3	22	8	1.8	48	92	4	4	113
21555	0.1	6	68	9	1.7	16	27	4	14	40
21556	0.1	10	175	<3	0.5	2	6	5	8	31
21557	0.1	<3	63	8	1.8	9	15	3	13	92
21558	0.1	14	186	<3	0.4	2	4	1	11	45
21559	0.1	3	303	<3	1.1	11	106	2	3	48
21560	0.1	<3	>1000	<3	0.8	3	6	2	12	54
21561	0.1	21	29	<3	1.1	7	43	5	9	13
21562	1.8	22	18	<3	0.7	5	20	7	14	14
21563	6.7	112	49	10	2.2	3	13794	7	173	102
21564	0.1	<3	>1000	3	1.4	7	682	5	116	73
21565	6.9	13	22	13	2.8	158	8675	11	33	80
21566	0.9	4	>1000	<3	0.7	8	1801	4	8	23
21567	13.1	196	36	7	16.6	16	9636	4	15	781
21568	0.2	29	48	<3	1.1	18	197	5	13	38
21701	0.1	24	142	<3	0.6	5	87	2	15	40
21702	1.1	62	413	<3	0.7	2	165	8	34	109
21703	0.1	9	357	<3	0.6	2	123	4	8	42
21704	0.1	8	206	<3	1.1	3	86	2	6	43
21705	0.1	4	>1000	<3	0.7	3	26	2	12	41
21706	0.1	10	115	<3	0.8	14	99	6	17	64
21707	0.4	15	83	<3	0.6	4	18	6	14	34
21708	1.8	178	44	6	0.2	9	317	5	14	10
21709	0.3	21	48	<3	0.4	2	92	1	11	14
21710	0.3	26	295	<3	0.4	4	132	7	14	9

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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REPORT #: 880863 PA

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Page 2 of 2

Sample Number	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Co ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
21711	0.1	12	377	<3	0.6	4	26	1	11	18
21712	0.6	39	57	5	1.4	39	321	3	28	40
21713	1.1	12	213	3	1.1	10	4496	8	14	66
21714	0.1	<3	>1000	<3	0.8	5	885	2	7	59
21751	0.6	8	177	4	1.3	9	2435	1	9	89
21752	4.9	52	93	5	1.3	40	5784	3	24	109
21753	0.6	34	121	<3	0.6	6	576	4	20	45
21754	1.2	40	691	<3	0.8	7	298	2	51	36
21755	0.1	44	68	4	0.9	12	92	<1	2	71
21756	0.1	11	121	<3	0.9	7	19	11	13	69
21757	0.1	<3	>1000	<3	0.9	2	11	1	8	82
21758	0.1	13	47	<3	0.6	7	13	1	12	35
21759	3.2	9	16	7	1.9	82	609	7	17	21
21760	0.1	22	131	<3	0.6	17	28	1	3	15
21761	6.2	9	12	27	1.5	18	4366	1	13	6
21762	0.1	<3	169	7	1.4	6	86	1	2	18
21763	2.2	6	11	10	2.1	5	184	3	40	3
21764	1.1	16	13	7	1.1	1	629	3	14	3
21765	0.6	30	32	<3	0.5	21	293	4	39	49
21766	0.3	17	87	<3	0.2	5	15	8	13	13
21767	0.1	9	47	<3	0.8	5	13	8	14	46
21768	0.1	12	83	<3	0.4	4	16	4	13	34
Minimum Detection	0.1	3	1	3	0.1	1	1	1	2	1
Maximum Detection	50.0	1000	1000	1000	100.0	20000	20000	1000	20000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum

**ANOMALOUS RESULTS:**  
FURTHER ANALYSES  
BY ALTERNATE  
METHODS SUGGESTED



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REPORT NUMBER: 880864 GA

JOB NUMBER: 880864

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PAGE 1 OF 1

SAMPLE #	
	Au
	ppb
AT- DC-001	25
AT- DC-002	15
AT- DC-003	15

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT NUMBER: 880886 GA

JOB NUMBER: 880886

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PAGE 1 OF 2

SAMPLE #	Au ppb
BAL 0+00N	5
BAL 0+50N	5
BAL 1+00N	15
BAL 1+50N	10
BAL 2+00N	10
BAL 2+50N	5
BAL 3+00N	10
BAL 3+50N	5
BAL 4+00N	15
BAL 4+50N	nd
BAL 5+00N	5
BAL 5+50N	5
BAL 6+00N	10
9TL 0+00W	15
9TL 0+50W	10
9TL 1+00W	10
9TL 1+50W	10
9TL 2+00W	10
9TL 2+50W	20
9TL 3+50W	15
9TL 4+00W	15
9TL 4+50W	nd
9TL 5+00W	15
9TL 5+50W	10
9TL 6+00W	15
9TL 6+50W	5
9TL 7+50W	10
9TL 8+00W	15
9TL 8+50W	20
9TL 9+00W	5
9TL 9+50W	15
9TL 10+00W	5
9TL 10+50W	5
9TL 11+00W	nd
9TL 11+50W	5
9TL 12+00W	10
9TL 12+50W	5
9TL 13+00W	10
9TL 13+50W	15

DETECTION LIMIT

5

nd = none detected

-- = not analysed

15 = insufficient sample



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REPORT NUMBER: 880886 6A

JOB NUMBER: 880886

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PAGE 2 OF 2

SAMPLE #	AL
	ppb
9TL 14+00W	10
9TL 14+50W	15
9TL 15+00W	25
11TL 0+00W/E	30
11TL 0+50W/E	15
11TL 1+00W/E	10
11TL 3+00W/E	nd
11TL 3+50W/E	10
11TL 4+00W/E	65
11TL 4+50W/E	30
11TL 5+00W/E	5
11TL 5+50W/E	15
11TL 6+00W/E	10
11TL 6+50W/E	15
11TL 7+50W/E	10
11TL 8+00W/E	10
11TL 8+50W/E	10
11TL 9+00W/E	10
11TL 9+50W/E	nd
11TL 10+00W/E	20
11TL 10+50W/E	10
11TL 11+00W/E	10
11TL 12+00W/E	20
11TL 12+50W/E	10
11TL 13+00W/E	15
11TL 13+50W/E	10
11TL 14+00W/E	nd
11TL 14+50W/E	15
11TL 15+00W/E	15
11TL 15+50W/E	5
11TL 16+50W/E	10
11TL 17+00W/E	5

## DETECTION LIMIT

nd = none detected

-- = not analysed

is = insufficient sample





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REPORT #: 880886 PA

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Page 1 of 2

Sample Number	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Co ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
8AL 0+00N	6.4	22	16	4	2.1	3	26	8	94	63
8AL 0+50N	0.1	11	113	<3	0.6	15	21	74	68	117
8AL 1+00N	0.5	19	43	<3	0.4	5	26	12	67	71
8AL 1+50N	0.3	14	202	<3	0.9	4	17	24	62	133
8AL 2+00N	0.5	17	62	<3	1.1	3	22	6	63	71
8AL 2+50N	1.3	25	37	3	1.9	3	28	8	71	61
8AL 3+00N	1.3	20	80	<3	0.9	6	35	12	174	81
8AL 3+50N	1.3	29	31	5	2.6	4	32	11	95	59
8AL 4+00N	1.1	20	43	3	1.5	4	21	11	68	90
8AL 4+50N	0.7	24	40	<3	1.1	5	31	11	68	56
8AL 5+00N	0.1	16	146	<3	1.1	6	19	9	38	104
8AL 5+50N	0.1	20	59	<3	0.9	3	22	8	54	63
8AL 6+00N	4.4	31	25	4	2.4	5	30	10	102	71
9TL 0+00W	2.2	16	44	<3	0.9	1	18	6	72	74
9TL 0+50W	0.1	18	64	<3	0.6	28	19	6	46	84
9TL 1+00W	3.1	30	20	5	2.7	4	33	10	79	62
9TL 1+50W	2.7	25	20	4	1.7	4	29	9	78	65
9TL 2+00W	4.1	24	22	4	2.6	3	27	7	88	65
9TL 2+50W	0.1	17	31	<3	1.2	3	19	5	63	52
9TL 3+50W	0.1	36	65	<3	0.8	5	19	8	58	119
9TL 4+00W	0.1	15	167	<3	0.9	5	20	15	59	164
9TL 4+50W	0.1	16	38	<3	0.9	3	18	10	57	60
9TL 5+00W	0.1	12	202	<3	0.9	19	21	10	64	123
9TL 5+50W	1.3	19	155	<3	1.1	6	28	17	66	87
9TL 6+00W	0.1	14	119	<3	1.2	10	18	5	51	136
9TL 6+50W	0.1	9	82	<3	0.4	5	10	4	29	73
9TL 7+50W	1.1	15	234	<3	1.5	16	27	5	77	132
9TL 8+00W	0.1	4	378	<3	1.2	18	11	3	42	51
9TL 8+50W	0.1	12	224	<3	1.2	5	15	5	42	68
9TL 9+00W	0.1	10	49	<3	0.1	2	12	5	30	37
9TL 9+50W	0.1	5	177	<3	0.1	1	10	5	36	47
9TL 10+00W	0.1	18	47	<3	0.6	2	16	8	43	61
9TL 10+50W	2.7	28	23	<3	0.9	1	22	5	80	67
9TL 11+00W	0.1	12	143	<3	0.4	3	17	17	62	93
9TL 11+50W	0.1	18	132	<3	0.9	3	18	9	47	57
9TL 12+00W	0.1	19	124	<3	1.6	6	25	19	73	131
9TL 12+50W	0.5	25	108	<3	1.2	4	24	7	76	114
9TL 13+00W	1.1	21	36	3	2.4	10	31	14	80	73
9TL 13+50W	0.5	26	30	3	1.7	4	27	10	66	87

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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(604) 251-5656

REPORT #: 880886 PA

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Page 2 of 2

Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
9TL 14+00W	0.4	12	44	<3	0.5	3	13	3	19	36
9TL 14+50W	1.2	22	42	<3	0.7	3	25	5	42	54
9TL 15+00W	0.6	27	103	<3	1.1	9	34	2	98	164
11TL 0+00W/E	0.1	20	602	5	3.8	25	114	10	720	465
11TL 0+50W/E	0.1	18	553	4	3.4	23	105	9	685	441
11TL 1+00W/E	0.1	7	146	<3	0.2	7	34	3	26	177
11TL 3+00W/E	2.8	16	68	<3	0.7	3	92	6	190	130
11TL 3+50W/E	0.1	13	121	<3	0.8	4	12	2	22	64
11TL 4+00W/E	0.1	25	305	3	1.7	12	78	8	228	139
11TL 4+50W/E	0.1	12	78	<3	0.2	3	15	4	36	72
11TL 5+00W/E	0.1	6	66	<3	0.1	3	14	1	26	49
11TL 5+50W/E	2.3	19	83	<3	0.8	7	23	6	68	117
11TL 6+00W/E	0.1	19	61	<3	0.1	4	14	3	17	39
11TL 6+50W/E	0.1	15	35	<3	0.5	4	20	6	46	49
11TL 7+50W/E	1.8	13	27	<3	0.6	8	25	5	49	57
11TL 8+00W/E	0.1	<3	52	<3	0.1	2	7	1	15	37
11TL 8+50W/E	0.4	19	75	<3	1.4	3	33	8	54	63
11TL 9+00W/E	0.1	45	120	<3	0.7	12	55	2	32	117
11TL 9+50W/E	2.8	16	31	<3	1.1	3	19	7	70	105
11TL 10+00W/E	0.1	19	80	<3	0.6	10	34	3	33	69
11TL 10+50W/E	0.1	26	93	<3	1.2	11	42	5	38	101
11TL 11+00W/E	0.6	19	90	<3	1.2	3	24	9	57	69
11TL 12+00W/E	0.1	16	117	<3	0.7	7	23	5	51	115
11TL 12+50W/E	4.2	20	45	3	1.4	3	23	8	70	115
11TL 13+00W/E	2.3	22	27	<3	1.5	2	22	11	66	86
11TL 13+50W/E	0.1	10	35	<3	0.2	3	16	4	38	39
11TL 14+00W/E	0.1	19	70	<3	0.7	5	25	8	46	92
11TL 14+50W/E	0.6	18	60	<3	0.7	5	30	6	48	106
11TL 15+00W/E	0.4	20	365	3	1.7	5	23	7	56	92
11TL 15+50W/E	0.9	20	35	<3	0.7	3	27	5	56	77
11TL 16+50W/E	0.1	12	712	<3	1.2	8	32	5	42	157
11TL 17+00W/E	0.1	20	49	<3	0.2	7	24	5	52	79

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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REPORT NUMBER: 880887 GA

JOB NUMBER: 880887

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SAMPLE #	
	Au
	ppb
VH - DC - 001	nd
VH - DC - 002	nd
VH - DC - 003	nd
VH - DC - 004	nd
VH - DC - 005	nd
VH - DC - 006	nd
VH - DC - 007	nd
VH - DC - 008	nd
VH - DC - 009	nd
VH - DC - 010	10
VH - DC - 011	nd
VH - DC - 012	nd
VH - DC - 013	nd
VH - DC - 014	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

# VANGEOCHEM LAB LIMITED

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

## ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: OREQWEST CONSULTANTS  
ATTENTION: B DEWONK  
PROJECT: PEZ VER-RET-JDY

REPORT#: 880887 PA  
JOB#: 880887  
INVOICE#: 880887 NA

DATE RECEIVED: 88/08/04  
DATE COMPLETED: 88/08/12  
COPY SENT TO:

ANALYST 

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AM PPM	BA PPM	BI PPM	CA %	CB PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SD PPM	SH PPM	SR PPM	U PPM	V PPM	ZN PPM
VN - DC - 001	.3	1.30	6	ND	65	ND	.22	1.0	11	46	60	2.75	.05	1.20	571	4	.01	14	.05	13	ND	ND	ND	ND	20	ND	ND	81
VN - DC - 002	.1	1.53	6	ND	97	ND	.28	.9	12	64	92	2.85	.06	1.32	595	12	.01	12	.06	12	ND	ND	ND	ND	20	ND	ND	77
VN - DC - 003	.1	1.81	3	ND	89	ND	.31	1.1	12	81	62	3.10	.06	1.33	731	7	.02	12	.04	13	ND	ND	ND	ND	23	ND	ND	98
VN - DC - 004	.3	1.23	5	ND	187	ND	.24	1.1	10	73	38	3.40	.07	1.00	487	1	.02	10	.06	10	ND	ND	ND	ND	20	ND	ND	74
VN - DC - 005	.1	1.25	ND	ND	567	ND	.13	.8	8	69	33	3.23	.05	.81	335	1	.02	7	.04	10	ND	ND	ND	1	26	ND	ND	66
VN - DC - 006	.3	.77	5	ND	122	ND	.31	.6	7	109	19	3.88	.07	.44	257	2	.02	6	.05	5	ND	ND	ND	1	27	ND	ND	45
VN - DC - 007	.3	1.46	4	ND	134	ND	.64	.9	9	75	43	2.79	.13	.78	416	4	.02	9	.09	10	ND	ND	ND	ND	50	ND	ND	65
VN - DC - 008	.1	1.01	ND	ND	74	ND	16.92	.4	1	28	21	1.32	.73	.84	314	ND	.01	10	.04	4	ND	ND	ND	ND	80	ND	ND	76
VN - DC - 009	.1	1.10	ND	ND	90	ND	11.94	.2	5	24	35	2.16	.69	.70	288	ND	.01	6	.06	2	ND	ND	ND	ND	83	ND	ND	54
VN - DC - 0010	.1	1.27	8	ND	61	ND	.35	.8	11	40	51	2.79	.07	1.10	524	1	.02	13	.06	11	ND	ND	ND	ND	46	ND	ND	72
VN - DC - 0011	.1	1.16	11	ND	93	ND	.23	.7	9	67	49	2.26	.06	.88	618	3	.02	11	.05	14	ND	ND	ND	ND	39	ND	ND	71
VN - DC - 0012	.1	1.30	9	ND	69	ND	.25	.6	11	80	54	2.56	.05	.98	683	10	.02	13	.04	14	ND	ND	ND	1	42	ND	ND	86
VN - DC - 0013	.1	2.04	3	ND	53	3	.40	1.0	19	47	71	3.41	.08	1.92	625	1	.01	14	.07	11	ND	ND	ND	ND	35	ND	ND	90
VN - DC - 0014	.3	1.91	4	ND	53	4	.30	1.1	17	52	61	3.53	.08	1.63	685	3	.01	11	.07	11	ND	ND	ND	2	36	ND	ND	89
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



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REPORT NUMBER: 880888 GA

JOB NUMBER: 880888

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SAMPLE #	Au
	ppb
VT - DC - 004	40
VT - DC - 005	105
VT - DC - 006	25
VT - DC - 007	25
VT - DC - 008	15
VT - DC - 009	10
VT - DC - 010	15
VT - DC - 011	20
VT - DC - 012	5
VT - DC - 013	15
VT - DC - 014	15
VT - DC - 015	35
VT - DC - 016	25
VT - DC - 017	20
VT - DC - 018	30

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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(604) 251-5656

REPORT #: 880888 PA

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Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
VT - DC - 004	0.1	23	117	3	1.6	31	186	10	39	131
VT - DC - 005	0.4	24	176	4	1.8	26	159	29	40	137
VT - DC - 006	0.4	20	147	3	1.4	19	75	8	38	150
VT - DC - 007	0.1	20	258	<3	0.6	14	46	2	30	104
VT - DC - 008	0.1	11	512	<3	0.7	11	39	2	24	97
VT - DC - 009	0.1	14	145	3	1.4	13	29	2	26	71
VT - DC - 010	0.5	19	121	3	1.1	15	69	1	25	114
VT - DC - 011	0.1	22	108	<3	1.8	13	60	2	37	210
VT - DC - 012	0.1	12	76	<3	0.9	13	41	1	26	106
VT - DC - 013	0.1	7	123	<3	1.1	15	67	2	23	92
VT - DC - 014	0.1	19	195	3	1.6	20	73	2	39	190
VT - DC - 015	0.4	16	109	3	1.4	24	108	4	38	113
VT - DC - 016	0.1	19	87	<3	0.9	16	131	16	41	147
VT - DC - 017	0.5	21	53	<3	0.9	30	105	1	29	80
VT - DC - 018	0.5	19	45	<3	0.6	23	77	1	25	77

Minimum Detection	0.1	3	1	3	0.1	1	1	1	2	1
Maximum Detection	50.0	1000	1000	1000	100.0	20000	20000	1000	20000	20000

< = Less than Minimum    is = Insufficient Sample    ns = No sample    > = Greater than Maximum



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REPORT NUMBER: 680889 GA

JOB NUMBER: 880889

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SAMPLE #	Au ppb
TL 8 0+00E	nd
TL 8 0+50E	5
TL 8 1+00E	10
TL 8 1+50E	5
TL 8 2+00E	nd
TL 8 2+50E	nd
TL 8 3+00E	5
TL 8 3+50E	nd
TL 8 4+00E	15
TL 8 4+50E	10
TL 8 5+00E	10
TL 8 5+50E	nd
TL 8 6+00E	15
TL 8 6+50E	15
TL 8 7+00E	20
TL 8 8+00E	10
TL 8 8+50E	nd
TL 8 9+00E	10
TL 8 9+50E	nd
TL 8 10+00E	10
TL 8 10+50E	5
AL10 0+00S	10
AL10 0+50S	nd
AL10 1+00S	nd
AL10 1+50S	nd
AL10 2+00S	5
AL10 2+50S	nd
AL10 3+00S	10
AL10 3+50S	nd
AL10 4+00S	nd
AL10 4+50S	nd
AL10 5+00S	5
AL10 5+50S	nd
AL10 6+00S	10
AL10 6+50S	nd
AL10 7+00S	5
AL10 7+50S	nd
AL10 8+00S	15
AL10 8+50S	10

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT NUMBER: 880889 6A

JOB NUMBER: 880889

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SAMPLE #	Au ppb
AL10 9+50S	nd
AL10 10+00S	5
AL10 10+50S	5
AL10 11+00S	5
AL10 11+50S	40
AL10 12+50S	10
AL10 13+00S	5
AL10 13+50S	15

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample





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REPORT #: 880889 PA

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Page 1 of 2

Sample Number	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Co ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
TL B 0+00E	0.1	15	82	<3	0.5	4	12	2	24	48
TL B 0+50E	0.1	15	62	<3	0.3	5	8	1	21	44
TL B 1+00E	0.1	32	56	<3	1.2	4	25	6	60	76
TL B 1+50E	1.7	28	44	3	1.5	4	23	10	80	69
TL B 2+00E	0.1	28	83	4	1.8	17	26	5	47	103
TL B 2+50E	0.1	25	71	<3	1.1	5	28	5	46	75
TL B 3+00E	0.1	17	193	<3	0.3	3	17	6	60	113
TL B 3+50E	0.1	14	58	<3	0.1	3	13	4	51	67
TL B 4+00E	2.2	28	24	4	2.1	4	24	10	88	58
TL B 4+50E	0.6	25	28	<3	0.9	4	20	7	65	56
TL B 5+00E	8.1	17	39	<3	0.9	2	20	5	99	106
TL B 5+50E	0.1	6	37	<3	0.1	1	3	<1	9	26
TL B 6+00E	2.1	49	33	7	3.7	6	35	16	85	73
TL B 6+50E	0.1	17	49	<3	0.5	7	11	5	29	58
TL B 7+00E	0.1	24	54	4	2.3	4	15	8	42	90
TL B 8+00E	1.7	19	31	<3	1.3	3	24	5	70	79
TL B 8+50E	0.1	12	62	<3	0.1	2	5	3	25	41
TL B 9+00E	7.3	24	22	<3	1.1	2	17	6	91	105
TL B 9+50E	1.2	37	25	4	2.1	3	22	7	93	58
TL B 10+00E	2.2	28	20	3	2.1	3	24	7	85	54
TL B10+50E	2.1	31	23	4	2.2	5	29	10	75	44
AL10 0+00S	0.1	30	108	<3	1.3	11	35	4	55	115
AL10 0+50S	1.5	39	28	3	1.5	3	36	9	78	79
AL10 1+00S	0.8	36	28	3	1.3	5	29	7	74	63
AL10 1+50S	0.1	17	23	<3	0.5	2	10	4	41	40
AL10 2+00S	0.3	35	37	<3	0.8	13	36	4	48	125
AL10 2+50S	0.2	17	134	<3	1.1	21	24	17	55	169
AL10 3+00S	5.1	29	19	<3	1.1	5	29	8	82	59
AL10 3+50S	0.1	15	73	<3	0.3	3	9	3	31	32
AL10 4+00S	0.2	39	43	<3	0.9	6	28	4	48	86
AL10 4+50S	1.5	27	43	<3	0.9	3	17	5	69	90
AL10 5+00S	0.2	28	28	<3	1.3	4	25	8	66	66
AL10 5+50S	0.1	15	64	<3	0.5	4	13	4	27	64
AL10 6+00S	0.1	23	57	<3	0.8	6	16	4	33	76
AL10 6+50S	0.1	24	42	<3	0.9	6	22	5	49	70
AL10 7+00S	0.1	25	32	<3	0.6	3	13	5	60	64
AL10 7+50S	0.1	12	96	<3	0.1	5	12	3	21	36
AL10 8+00S	1.7	26	59	<3	0.9	7	25	7	64	103
AL10 8+50S	5.5	33	18	3	1.8	3	27	8	87	96

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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REPORT #: 880889 PA

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Page 2 of 2

Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AL10 9+50S	5.9	10	52	<3	0.9	2	22	5	85	113
AL10 10+00S	6.3	8	42	<3	0.9	2	20	4	74	97
AL10 10+50S	6.3	23	18	4	1.8	4	30	8	108	86
AL10 11+00S	5.9	<3	21	<3	0.8	2	17	2	81	54
AL10 11+50S	1.5	11	38	<3	1.1	2	23	5	74	64
AL10 12+50S	0.1	7	49	<3	0.1	1	5	<1	13	26
AL10 13+00S	0.1	17	53	<3	0.7	5	25	8	41	53
AL10 13+50S	0.1	17	83	3	1.9	4	23	5	70	70

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1

Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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REPORT NUMBER: 880894 6A

JOB NUMBER: 880894

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SAMPLE #	Ag ppt
STL 0+00W	5
STL 0+50W	15
STL 1+00W	20
STL 1+50W	15
STL 2+00W	15
STL 2+50W	15
STL 3+00W	20
STL 4+00W	15
STL 4+50W	20
STL 5+00W	15
STL 5+50W	15
STL 6+00W	10
STL 6+50W	10
STL 7+00W	10
STL 7+50W	10
STL 8+00W	15
STL 8+50W	15
STL 9+00W	25
STL 9+50W	15
STL 10+00W	15
STL 10+50W	20
STL 11+00W	15
STL 11+50W	15
STL 12+00W	10
STL 12+50W	15
6TL 0W	20
6TL 50W	10
6TL 100W	10
6TL 150W	10
6TL 200W	15
6TL 250W	10
6TL 300W	15
6TL 350W	15
6TL 400W	15
6TL 450W	5
6TL 500W	15
6TL 550W	30
6TL 600W	10
6TL 650W	15

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT NUMBER: 880894 GA

JOB NUMBER: 880E94

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PAGE 2 OF 3

SAMPLE #	Au ppb
6TL 700W	5
6TL 750W	20
6TL 800W	10
6TL 850W	10
6TL 900W	20
6TL 950W	20
6TL 1000W	10
6TL 1050W	10
6TL 1100W	20
6TL 1150W	20
6TL 1200W	15
6TL 1250W	10
6TL 1350W	15
6TL 1400W	15
7TL 0+00W	20
7TL 0+50W	nd
7TL 1+00W	15
7TL 1+50W	10
7TL 2+00W	10
7TL 2+50W	10
7TL 3+00W	10
7TL 3+50W	25
7TL 4+00W	15
7TL 4+50W	10
7TL 5+00W	10
7TL 5+50W	10
7TL 6+00W	15
7TL 6+50W	10
7TL 7+00W	5
7TL 7+50W	15
7TL 8+00W	15
7TL 8+50W	25
7TL 9+00W	10
7TL 9+50W	25
7TL 10+00W	35
7TL 10+50W	20
7TL 11+00W	15
7TL 11+50W	15
7TL 12+00W	10

DETECTION LIMIT

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SAMPLE #	Au ppb
7TL 12+50W	20
7TL 13+00W	10
7TL 13+50W	35
7TL 14+00W	10
7TL 14+50W	25
7TL 15+00W	15
7TL 15+50W	15
7TL 16+00W	30
9TL 7+00W	15

DETECTION LIMIT

5

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REPORT #: 880894 PA

OREQUEST

Page 1 of 3

Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
STL 0+00W	0.1	7	79	<3	0.6	7	24	1	16	59
STL 0+50W	0.1	<3	262	<3	0.3	7	15	1	14	71
STL 1+00W	0.1	18	99	<3	1.3	10	48	11	26	55
STL 1+50W	0.2	15	22	<3	1.3	6	26	11	54	78
STL 2+00W	0.1	7	64	<3	0.8	6	21	6	26	67
STL 2+50W	0.1	<3	160	<3	2.8	8	28	16	52	192
STL 3+00W	0.1	9	86	3	2.1	6	16	9	107	69
STL 4+00W	0.1	4	76	<3	0.1	4	11	4	11	27
STL 4+50W	5.6	<3	35	4	2.4	3	25	6	102	90
STL 5+00W	3.1	3	41	3	1.6	7	27	5	70	99
STL 5+50W	5.7	15	37	4	1.8	8	35	9	79	111
STL 6+00W	0.1	<3	276	<3	1.1	7	25	8	62	119
STL 6+50W	0.1	25	151	<3	1.3	6	12	6	33	80
STL 7+00W	2.7	7	35	<3	1.1	5	24	5	66	86
STL 7+50W	0.1	8	37	<3	1.1	5	24	5	51	90
STL 8+00W	0.1	10	126	<3	0.6	3	15	9	42	65
STL 8+50W	0.1	5	28	<3	0.1	3	17	4	18	55
STL 9+00W	2.1	41	34	5	2.3	7	34	22	106	98
STL 9+50W	1.7	22	32	3	1.3	5	28	10	66	74
STL 10+00W	0.1	3	242	5	2.4	18	31	5	45	200
STL 10+50W	0.1	233	403	<3	1.1	8	26	6	67	200
STL 11+00W	0.1	40	473	<3	1.3	9	26	4	55	217
STL 11+50W	0.1	13	599	<3	1.5	20	42	3	40	199
STL 12+00W	0.1	7	426	<3	1.1	6	34	1	35	146
STL 12+50W	0.1	11	63	<3	0.2	5	15	<1	21	56
6TL 0W	0.1	33	74	<3	1.5	7	44	11	38	340
6TL 50W	0.2	44	42	3	1.5	6	45	5	92	125
6TL 100W	0.1	21	49	6	2.5	8	22	6	40	87
6TL 150W	0.1	5	18	<3	0.1	3	10	4	17	29
6TL 200W	0.1	<3	166	<3	1.6	104	15	1	45	117
6TL 250W	3.1	7	21	4	2.2	4	21	5	92	82
6TL 300W	0.1	<3	377	3	1.6	10	17	11	36	124
6TL 350W	0.1	<3	230	<3	1.3	8	20	6	39	155
6TL 400W	1.8	9	48	3	1.3	6	22	11	72	73
6TL 450W	0.1	16	38	<3	0.9	4	17	6	56	83
6TL 500W	0.3	<3	95	<3	1.1	10	17	5	61	134
6TL 550W	0.1	12	47	6	2.1	8	19	3	34	75
6TL 600W	0.1	6	30	<3	0.1	2	6	1	10	27
6TL 650W	0.1	15	19	<3	0.6	3	16	5	44	64

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



# VANGEOCHEM LAB LIMITED

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

REPORT #: 880894 PA

OREQUEST

Page 2 of 3

Sample Number	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Co ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
6TL 700W	0.8	17	31	3	1.7	4	28	6	68	81
6TL 750W	0.1	22	49	3	1.5	7	36	5	40	82
6TL 800W	0.1	18	45	<3	1.3	4	28	9	47	70
6TL 850W	0.1	<3	342	<3	0.2	4	22	6	18	206
6TL 900W	0.8	26	138	<3	1.1	8	23	11	55	132
6TL 950W	0.8	12	83	<3	1.1	7	30	6	48	154
6TL 1000W	0.1	106	62	<3	1.1	6	17	10	54	78
6TL 1050W	0.1	29	44	3	1.7	7	32	7	33	90
6TL 1100W	0.1	19	54	<3	1.1	7	33	5	44	84
6TL 1150W	0.1	16	71	<3	0.3	5	19	5	25	62
6TL 1200W	0.1	<3	404	<3	0.1	4	18	2	20	91
6TL 1250W	2.7	5	29	<3	1.2	4	27	5	65	137
6TL 1350W	0.1	45	234	<3	1.2	14	30	3	111	382
6TL 1400W	0.1	23	80	<3	1.1	11	25	3	46	122
7TL 0+00W	0.8	26	208	<3	1.3	6	28	11	57	113
7TL 0+50W	0.1	4	80	<3	0.2	2	5	1	9	33
7TL 1+00W	3.2	21	21	4	2.2	4	29	8	79	88
7TL 1+50W	0.1	12	147	<3	1.3	7	21	9	60	129
7TL 2+00W	2.7	15	21	4	2.4	3	20	7	80	82
7TL 2+50W	0.8	26	88	6	2.1	11	40	15	54	95
7TL 3+00W	3.2	19	18	4	2.1	5	26	10	72	96
7TL 3+50W	1.2	16	15	<3	0.8	8	33	15	53	86
7TL 4+00W	0.1	<3	38	<3	0.6	7	24	3	40	91
7TL 4+50W	0.1	22	27	3	1.7	2	18	9	65	82
7TL 5+00W	0.1	9	54	<3	0.1	4	15	10	24	58
7TL 5+50W	0.3	16	134	<3	1.5	5	22	8	58	123
7TL 6+00W	0.1	<3	104	<3	0.1	2	7	<1	8	77
7TL 6+50W	0.1	5	328	3	1.5	20	25	5	42	213
7TL 7+00W	0.1	15	23	<3	1.1	6	14	9	36	62
7TL 7+50W	0.3	15	74	<3	0.6	3	11	6	48	75
7TL 8+00W	0.1	13	28	<3	1.2	3	14	5	39	56
7TL 8+50W	0.1	19	69	<3	1.5	5	30	7	47	91
7TL 9+00W	0.1	14	93	<3	1.2	7	25	6	46	99
7TL 9+50W	0.1	14	235	4	2.1	9	29	4	33	91
7TL 10+00W	0.1	11	138	4	2.2	10	22	4	43	127
7TL 10+50W	0.1	25	67	3	1.8	3	22	9	66	73
7TL 11+00W	0.1	8	112	<3	0.2	4	19	7	21	74
7TL 11+50W	0.1	18	182	9	4.1	12	16	5	36	172
7TL 12+00W	0.1	9	82	<3	0.6	4	30	2	28	58

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1

Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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(604) 251-5656

REPORT #: BB0894 PA

OREQUEST

Page 3 of 3

Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
7TL 12+50W	1.1	21	36	6	3.1	6	37	13	112	87
7TL 13+00W	0.1	10	199	<3	1.3	7	25	3	69	104
7TL 13+50W	0.1	10	81	<3	1.3	4	18	1	57	55
7TL 14+00W	0.1	11	51	<3	0.1	2	9	1	16	37
7TL 14+50W	0.1	13	156	<3	0.8	5	19	3	30	59
7TL 15+00W	0.1	17	75	4	2.5	8	48	2	96	92
7TL 15+50W	2.5	16	24	4	2.5	3	29	7	118	93
7TL 16+00W	0.9	29	39	<3	0.9	5	26	6	46	85
9TL 7+00W	0.1	12	62	<3	1.3	3	16	4	70	76

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1

Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum





## VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 881225 GA

JOB NUMBER: 881225

DREQUEST CONSULTANTS LTD.

PAGE 1 OF 1

SAMPLE #	Au
	ppb
AT 011	20
AT 012	15
AT 013	20

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT #: 881225 PA

OREQUEST

Page 1 of 1

Sample Number	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Co ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
AT 011	0.5	8	180	<3	0.8	14	51	3	20	90
AT 012	0.5	13	503	4	1.4	11	42	4	30	98
AT 013	0.6	24	294	<3	1.1	11	29	6	36	147

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1

Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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

REPORT NUMBER: 881331 AA

JOB NUMBER: 881331

OREQUEST CONSULTANTS LTD.

PAGE 1 OF 1

SAMPLE #	Au oz/st
21769	--
21770	.114
21771	.163
21772	.070
21773	.090
21774	.277
21775	--

## DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.0001%

ppm = parts per million

< = less than

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



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REPORT NUMBER: 881331 6A

JOB NUMBER: 881331

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PAGE 1 OF 1

SAMPLE #	Au
	ppb
21769	800
21770	4700
21771	6200
21772	3800
21773	3490
21774	>10000
21775	680

DETECTION LIMIT  
nd = none detected

5  
-- = not analysed

is = insufficient sample



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REPORT #: 881331 PA

OREQUEST

Page 1 of 1

Sample Number	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Co ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
21769	0.1	15	18	<3	2.2	26	24	2	24	83
21770	0.1	10	13	3	1.7	45	71	1	49	58
21771	2.1	28	8	3	2.4	26	6180	2	16	39
21772	39.6	33	19	<3	0.5	3	754	314	2213	42
21773	44.1	60	30	<3	0.1	2	301	135	358	18
21774	2.1	46	8	<3	0.9	2	611	5	30	31
21775	>50.0	36	39	<3	0.1	2	299	49	195	25

Minimum Detection	0.1	3	1	3	0.1	1	1	1	2	1
Maximum Detection	50.0	1000	1000	1000	100.0	20000	20000	1000	20000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum

**ANOMALOUS RESULTS:**  
FURTHER ANALYSES  
BY ALTERNATE  
METHODS SUGGESTED



## VANGEOCHEM LAB LIMITED

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(604) 251-5656

### GEOCHEMICAL ANALYTICAL REPORT

=====

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

DATE: Sept 28 1988

REPORT#: 881413 GA  
JOB#: 881413

PROJECT#: Adrian New  
SAMPLES ARRIVED: Sept 21 1988  
REPORT COMPLETED: Sept 28 1988  
ANALYSED FOR: Au (FA/AAS) ICP(10.Elem)

INVOICE#: 881413 NA  
TOTAL SAMPLES: 50  
SAMPLE TYPE: Rock  
REJECTS: SAVED

SAMPLES FROM: Bronson Camp  
COPY SENT TO: Mr. Bernie Dewonck

PREPARED FOR: Mr. Bernie Dewonck

ANALYSED BY: VGC Staff

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

A handwritten signature in black ink is written over the signature line.

GENERAL REMARK: None



# VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 881413 GA

JOB NUMBER: 881413

OREQUEST CONSULTANTS LTD.

PAGE 1 OF 2

SAMPLE #	Au
	ppb
52401	460
52402	nd
52403	180
52404	> 10000
52405	610
52406	300
52407	180
52408	> 10000
52409	1190
52410	160
52411	1060
52412	7640
52413	> 10000
52414	6030
52415	> 10000
52416	350
52417	35
52418	> 10000
52419	1350
52420	150
52421	490
52422	30
52423	180
52424	40
52425	190
52426	320
52427	> 10000
52428	700
52429	> 10000
52430	280
52431	90
52432	750
52433	nd
52434	30
52435	nd
52436	nd
52437	nd
52438	nd
52439	3565

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



## VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 881413 GA

JOB NUMBER: 881413

OREQUEST CONSULTANTS LTD.

PAGE 2 OF 2

SAMPLE #	Au
	ppb
52440	nd
52441	> 10000
52442	60
52443	40
52444	7090
52445	nd
52446	10
52447	9390
52448	40
52449	nd
52450	400

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

### ASSAY ANALYTICAL REPORT

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

DATE: Sept 28 1988

REPORT#: 881413 AA  
JOB#: 881413

PROJECT#: Adrian New  
SAMPLES ARRIVED: Sept 21 1988  
REPORT COMPLETED: Sept 28 1988  
ANALYSED FOR: Au

INVOICE#: 881413 NA  
TOTAL SAMPLES: 16  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: Rock

SAMPLES FROM: Bronson Camp  
COPY SENT TO: Mr. Bernie Dewonck

PREPARED FOR: Mr. Bernie Dewonck

ANALYSED BY: David Chiu

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

Registered Provincial Assayer

GENERAL REMARK: None



# VANGEOCHEM LAB LIMITED

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(604) 251-5656

REPORT NUMBER: 881413 AA

JOB NUMBER: 881413

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PAGE 1 OF 1

SAMPLE # Au  
oz/st

52404 1.149  
52408 1.088  
52409 .030  
52411 .029  
52412 .216

52413 .344  
52414 .149  
52415 1.043  
52418 .914  
52419 .035

52427 1.830  
52429 .615  
52439 .079  
52441 .314  
52444 .172

52447 .286

## DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.0001%

ppm = parts per million

< = less than

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



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(604) 251-5656

REPORT #: 881413 PA

OREQUEST

Page 1 of 2

Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
52401	0.6	15	195	<3	0.3	12	1203	1	11	42
52402	0.1	5	139	<3	0.1	8	431	<1	6	37
52403	0.3	44	183	<3	0.1	6	240	4	9	65
52404	10.2	49	43	3	0.5	21	88	5	10	7
52405	0.2	6	147	<3	0.1	11	108	4	9	25
52406	0.1	8	48	<3	0.1	11	324	<1	6	13
52407	0.1	10	80	<3	0.1	3	212	2	7	36
52408	10.7	92	40	13	0.9	11	466	3	12	9
52409	0.6	123	109	3	0.4	7	218	5	12	8
52410	0.1	13	46	<3	0.1	7	48	1	5	13
52411	0.3	33	170	<3	0.1	7	243	1	6	7
52412	1.5	12	13	3	0.6	4	2594	7	17	13
52413	4.1	10	9	5	1.5	6	2880	12	19	7
52414	1.1	15	8	<3	0.5	18	4667	7	14	13
52415	13.2	45	3	17	6.2	24	>20000	10	27	140
52416	0.1	4	280	<3	0.1	3	831	1	8	33
52417	0.2	5	141	<3	0.1	2	221	3	9	12
52418	14.2	137	47	15	1.2	2	410	6	16	7
52419	0.2	<3	637	<3	0.1	3	42	<1	7	16
52420	0.1	8	417	<3	0.8	4	59	1	14	29
52421	0.1	<3	268	<3	0.1	3	18	1	8	16
52422	0.1	<3	230	<3	0.1	4	9	1	9	18
52423	0.1	3	195	<3	0.1	2	12	1	5	19
52424	0.1	<3	318	<3	0.1	4	29	5	6	13
52425	0.1	39	230	3	2.2	17	523	7	20	118
52426	0.1	<3	312	<3	0.1	8	22	1	8	19
52427	21.3	20	11	38	3.1	16	>20000	7	35	23
52428	0.2	<3	177	<3	0.1	8	816	1	6	16
52429	1.8	13	25	4	2.1	50	220	3	27	74
52430	0.1	5	137	<3	0.1	7	136	2	10	26
52431	0.1	3	122	<3	0.1	3	30	<1	6	13
52432	0.1	5	261	<3	0.4	11	142	1	25	34
52433	0.1	<3	157	<3	0.1	7	17	1	7	14
52434	0.1	4	64	<3	0.1	2	7	<1	6	16
52435	0.1	<3	91	<3	0.1	4	9	<1	6	8
52436	0.1	3	54	<3	0.1	2	14	6	6	9
52437	0.1	3	91	<3	0.1	6	15	5	8	22
52438	0.1	4	122	<3	0.1	2	9	2	6	16
52439	0.1	5	50	<3	0.4	30	34	5	11	18

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



# VANGEOCHEM LAB LIMITED

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(604) 251-5656

REPORT #: 881413 PA

OREQUEST

Page 2 of 2

Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
52440	0.3	7	104	<3	0.1	5	11	3	11	17
52441	4.1	22	19	10	4.5	54	2057	6	30	72
52442	0.1	7	112	<3	0.1	7	83	3	10	23
52443	0.1	3	387	<3	0.1	2	21	5	8	16
52444	2.3	22	19	3	1.7	60	100	4	62	45
52445	0.1	3	431	<3	0.1	3	11	1	12	29
52446	0.3	3	566	<3	0.1	4	63	1	11	22
52447	3.1	37	27	13	1.7	56	9776	4	59	23
52448	0.1	6	91	<3	0.1	5	218	2	10	13
52449	0.1	<3	505	<3	0.1	8	41	1	11	28
52450	0.4	11	161	<3	0.8	20	167	2	20	45
Minimum Detection	0.1	3	1	3	0.1	1	1	1	2	1
Maximum Detection	50.0	1000	1000	1000	100.0	20000	20000	1000	20000	20000
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum										

**ANOMALOUS RESULTS:**  
FURTHER ANALYSES  
BY ALTERNATE  
METHODS SUGGESTED



# VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 881451 AA

JOB NUMBER: 881451

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PAGE 1 OF 2

SAMPLE #	Au oz/st
21655	.033
21658	.366
21660	.162
21668	.076
21669	.073
21670	.044
21671	.128
21672	.096
21673	.834
21675	.099
52494	.085
52495	.067
52496	3.720
52497	.105
52502	.134
52510	.281
52516	.039
52520	.050
52549	.105
52551	.875

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.0001%

ppm = parts per million

< = less than

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



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

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

REPORT NUMBER: 881451 AA

JOB NUMBER: 881451

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SAMPLE #	Au oz/st
52552	.047
52554	1.186
52557	.071
52560	.491
52563	.330
52565	.066
52566	.054
52567	.217
52569	.338
52571	.128
52574	.210
52577	.082
52578	.058
52583	.120
52587	.328
52591	.200
52593	.046
52595	.837
52619	.649
52644	.082

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.0001%

ppm = parts per million

< = less than

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



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REPORT NUMBER: 881451 GA

JOB NUMBER: 881451

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SAMPLE #	Au
	ppb
21541	370
21654	nd
21655	1290
21656	nd
21657	70
21658	> 10000
21659	1320
21660	4830
21661	110
21662	nd
21663	340
21664	10
21665	nd
21666	140
21667	40
21668	3360
21669	2600
21670	1470
21671	4560
21672	4280
21673	> 10000
21674	170
21675	3630
21676	50
52451	10
52452	30
52453	10
52454	nd
52455	65
52456	40
52457	nd
52458	10
52459	50
52460	10
52461	nd
52462	nd
52463	670
52464	20
52465	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT NUMBER: 881451 6A

JOB NUMBER: 881451

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SAMPLE #	Au ppb
52466	nd
52467	650
52468	20
52469	25
52470	20
52471	25
52472	10
52473	nd
52474	10
52475	nd
52476	nd
52477	nd
52478	nd
52479	nd
52480	nd
52481	nd
52482	nd
52483	30
52484	nd
52485	nd
52486	nd
52487	580
52488	nd
52489	nd
52490	nd
52491	nd
52492	685
52493	nd
52494	3840
52495	2365
52496	>10000
52497	2700
52498	310
52499	220
52500	300
52501	80
52502	3500
52503	170
52504	30

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample





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REPORT NUMBER: 881451 6A

JOB NUMBER: 881451

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SAMPLE #	Au
	ppb
52505	850
52506	30
52507	20
52508	790
52509	nd
52510	8810
52514	670
52515	500
52516	1110
52517	40
52518	320
52519	125
52520	1330
52521	40
52522	80
52523	50
52524	10
52525	530
52526	120
52548	nd
52549	3730
52550	25
52551	>10000
52552	2330
52553	50
52554	>10000
52555	1070
52556	70
52557	3000
52558	110
52559	40
52560	>10000
52561	90
52562	310
52563	>10000
52564	120
52565	3300
52566	2050
52567	7500

DETECTION LIMIT

5

nd = none detected

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SAMPLE #	Au
	ppb
52568	60
52569	>10000
52570	630
52571	5040
52572	200
52573	40
52574	8600
52575	395
52576	240
52577	2060
52578	1220
52579	30
52580	10
52581	45
52582	nd
52583	40
52584	5210
52585	60
52586	20
52587	>10000
52588	nd
52589	40
52590	90
52591	5960
52592	90
52593	1710
52594	100
52595	>10000
52596	220
52597	45
52598	650
52599	30
52600	650
52601	20
52602	15
52603	10
52604	10
52605	10
52606	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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SAMPLE #	Au
	ppb
52607	nd
52608	20
52609	20
52610	10
52611	20
52612	10
52613	210
52614	10
52615	nd
52616	65
52617	nd
52618	20
52619	> 10000
52620	70
52621	110
52622	70
52623	510
52624	20
52625	nd
52626	nd
52627	25
52628	nd
52629	400
52631	10
52632	nd
52635	nd
52636	nd
52637	nd
52638	nd
52639	nd
52640	20
52641	250
52642	40
52643	165
52644	2810
52645	25
52646	nd
52647	nd
52648	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT NUMBER: 881451 6A

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SAMPLE #	Au
52649	ppb
52650	100
Unknown Number	nd
	10

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT #: 881451 PA

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Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
21541	0.1	<3	24	<3	1.8	23	23	2	12	49
21654	0.1	<3	226	<3	0.1	2	62	1	9	16
21655	0.5	<3	100	<3	0.1	2	397	1	11	13
21656	0.2	<3	215	<3	0.1	1	30	1	7	12
21657	0.1	<3	688	<3	0.1	2	89	3	8	17
21658	6.3	<3	690	<3	0.1	1	441	1	10	5
21659	0.6	<3	47	<3	0.1	3	202	1	11	11
21660	1.1	<3	25	<3	0.1	6	63	3	12	7
21661	0.4	<3	147	<3	0.1	3	30	1	9	24
21662	0.1	<3	946	<3	0.1	2	9	3	9	49
21663	0.2	9	77	<3	0.1	3	33	1	6	11
21664	0.1	<3	>1000	<3	0.1	2	6	1	8	18
21665	0.2	<3	197	<3	0.1	2	5	1	9	25
21666	1.6	25	129	<3	0.1	5	16	5	12	10
21667	0.1	<3	513	<3	0.3	3	5	1	13	123
21668	1.1	4	139	<3	0.1	2	23	2	11	20
21669	1.2	9	174	<3	0.3	2	172	2	8	8
21670	0.6	<3	140	<3	0.1	2	114	4	10	12
21671	1.7	18	160	<3	0.1	1	351	1	10	10
21672	1.1	11	13	<3	0.3	4	80	3	8	2
21673	7.1	83	3	4	1.8	19	167	8	19	4
21674	0.5	<3	718	<3	0.1	4	212	1	10	15
21675	1.2	<3	23	8	4.1	1	1775	6	13	2
21676	0.4	<3	543	<3	0.1	3	97	3	11	15
52451	0.2	<3	445	<3	0.3	7	17	1	13	30
52452	0.2	<3	>1000	<3	0.1	4	8	5	10	28
52453	0.1	<3	442	<3	0.6	9	6	2	13	54
52454	0.1	<3	444	<3	2.1	10	31	2	16	100
52455	0.1	<3	635	<3	1.1	6	121	4	10	59
52456	0.1	<3	531	<3	0.6	8	10	1	12	84
52457	0.1	<3	475	<3	2.1	9	16	2	12	104
52458	0.1	<3	402	<3	0.6	17	5	2	20	124
52459	0.3	<3	>1000	<3	0.1	5	4	2	12	27
52460	0.2	<3	615	<3	0.1	6	2	1	9	26
52461	0.5	<3	274	<3	0.1	6	2	1	10	25
52462	0.1	<3	203	<3	0.1	4	3	3	11	25
52463	0.1	<3	262	3	2.7	12	35	2	11	98
52464	0.1	<3	410	<3	0.1	5	9	3	8	26
52465	0.2	<3	425	<3	1.5	12	56	1	13	72

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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REPORT #: 881451 PA

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Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
52466	0.1	<3	137	<3	0.8	11	6	1	8	72
52467	0.2	<3	178	<3	0.1	8	6	2	7	17
52468	0.1	<3	209	<3	0.5	10	8	8	7	47
52469	0.1	<3	245	<3	0.1	5	6	1	5	11
52470	0.1	<3	573	<3	1.2	10	9	1	5	54
52471	0.2	<3	92	<3	0.1	2	3	1	4	6
52472	0.2	<3	126	<3	0.1	7	5	5	9	21
52473	0.1	<3	>1000	<3	1.5	12	8	3	6	57
52474	0.2	<3	228	<3	0.1	21	8	1	9	47
52475	0.1	<3	655	<3	0.8	11	6	1	2	44
52476	0.2	13	823	<3	0.1	7	7	1	18	36
52477	0.6	<3	144	<3	0.1	2	5	1	9	6
52478	0.2	<3	>1000	<3	0.1	4	4	2	6	13
52479	0.4	<3	351	<3	0.1	3	5	1	8	10
52480	0.1	<3	424	<3	0.7	10	5	1	12	70
52481	0.1	<3	18	<3	1.2	84	40	1	17	51
52482	0.2	<3	439	<3	0.1	5	6	1	9	15
52483	0.6	<3	202	<3	0.1	5	5	7	8	14
52484	0.1	<3	>1000	<3	0.8	10	5	1	3	40
52485	0.6	<3	356	<3	0.1	12	4	1	7	8
52486	0.4	<3	284	<3	1.1	19	10	2	22	85
52487	0.1	<3	41	<3	0.7	21	186	2	9	17
52488	0.7	<3	287	<3	0.1	6	12	1	10	8
52489	0.4	<3	383	<3	0.7	8	6	1	15	114
52490	0.1	<3	>1000	<3	0.6	2	11	1	15	45
52491	0.1	<3	266	3	0.8	3	17	1	14	64
52492	0.1	<3	766	<3	1.2	5	27	1	10	72
52493	0.1	<3	>1000	<3	0.7	5	9	1	11	42
52494	0.5	3	72	<3	1.3	39	412	4	15	34
52495	0.5	<3	372	<3	0.1	11	291	1	14	24
52496	25.8	<3	7	67	3.1	22	12345	8	48	3
52497	2.8	<3	31	<3	0.1	10	982	2	15	17
52498	0.5	<3	21	<3	0.1	7	204	1	13	3
52499	0.3	<3	292	<3	0.1	5	82	1	12	19
52500	0.2	<3	248	<3	0.1	4	75	1	12	17
52501	0.2	<3	299	<3	0.1	2	22	1	12	7
52502	0.5	8	48	<3	0.1	21	51	1	15	11
52503	0.1	<3	398	<3	0.1	3	13	1	11	8
52504	0.3	<3	>1000	<3	0.1	2	8	1	14	11

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
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Sample Number	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Co ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
52505	0.1	<3	110	<3	0.8	4	92	5	22	51
52506	0.4	<3	668	<3	0.1	1	10	1	8	14
52507	1.1	<3	236	<3	0.1	7	6	1	13	9
52508	0.1	9	31	<3	0.9	16	41	1	8	38
52509	0.4	<3	249	<3	0.1	2	14	1	9	11
52510	4.1	53	9	3	2.5	28	1673	2	9	87
52514	1.1	19	20	<3	0.1	15	53	1	11	9
52515	1.1	7	55	<3	0.1	11	28	1	10	9
52516	0.4	4	16	<3	0.1	33	31	3	9	8
52517	0.1	<3	186	<3	0.1	2	13	1	9	18
52518	1.1	30	41	<3	0.1	21	145	2	9	6
52519	0.4	12	49	<3	0.1	7	14	1	9	5
52520	0.4	<3	11	<3	0.1	11	45	3	13	4
52521	0.1	<3	105	<3	0.1	2	28	1	11	12
52522	0.1	<3	30	3	2.4	25	11	2	6	41
52523	0.2	<3	61	<3	0.1	13	15	1	9	15
52524	0.1	<3	181	<3	0.1	5	71	1	13	42
52525	0.1	<3	22	<3	0.1	43	16	3	9	29
52526	0.1	<3	130	<3	0.1	13	21	1	17	38
52548	0.3	<3	741	<3	0.1	2	6	5	10	15
52549	0.1	<3	37	<3	0.1	26	54	1	46	20
52550	0.1	<3	351	<3	0.1	2	22	1	12	15
52551	4.1	3	13	<3	0.6	69	6205	7	14	9
52552	0.2	<3	263	<3	0.1	15	753	5	12	14
52553	0.1	<3	534	<3	0.1	3	43	1	7	6
52554	10.1	8	10	7	1.7	39	7057	3	17	1
52555	0.2	<3	241	<3	0.1	12	342	1	7	8
52556	0.2	<3	244	<3	0.1	5	421	4	9	8
52557	0.1	<3	10	<3	0.9	14	2919	1	6	8
52558	0.1	<3	88	<3	0.1	5	89	1	6	4
52559	0.1	<3	289	<3	0.1	2	65	1	5	14
52560	3.4	<3	7	6	1.5	22	810	18	21	15
52561	0.1	<3	284	<3	0.1	7	75	1	7	10
52562	0.1	<3	394	<3	0.3	6	26	2	9	23
52563	3.1	<3	10	4	0.6	16	3627	1	17	5
52564	0.1	<3	75	<3	0.1	5	173	5	8	7
52565	0.4	<3	9	<3	1.2	9	7708	3	8	14
52566	0.4	24	8	<3	0.1	17	1354	5	11	9
52567	0.4	<3	7	<3	1.1	22	501	1	9	12

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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Sample Number	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Co ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
52568	0.3	<3	384	<3	0.1	2	44	3	10	14
52569	3.1	7	14	3	1.8	36	3654	3	10	29
52570	0.1	41	129	<3	0.3	9	186	1	11	13
52571	0.1	69	9	<3	1.1	60	198	1	12	10
52572	0.1	<3	152	<3	0.1	3	39	4	11	11
52573	0.1	<3	208	<3	0.1	3	20	1	9	13
52574	0.1	55	19	4	2.2	19	7031	2	12	25
52575	0.1	43	146	<3	0.1	12	285	4	12	10
52576	0.3	46	18	4	2.7	13	145	3	13	48
52577	0.3	25	27	<3	1.5	14	119	3	16	28
52578	0.1	<3	10	4	2.5	20	5411	3	11	33
52579	0.1	<3	324	<3	0.1	3	283	1	10	14
52580	0.3	<3	950	<3	0.1	2	46	1	9	13
52581	0.1	<3	206	<3	0.8	4	23	1	13	16
52582	0.1	<3	882	<3	0.1	3	21	3	15	18
52583	0.1	<3	371	<3	0.5	3	312	4	13	63
52584	3.2	45	10	4	3.2	98	>20000	6	7	3
52585	0.1	<3	338	<3	0.1	6	916	1	11	14
52586	0.2	3	450	<3	0.1	5	151	2	11	24
52587	0.1	10	36	<3	1.7	15	2984	1	10	27
52588	0.1	<3	289	<3	0.1	2	78	4	11	11
52589	0.2	4	239	<3	0.1	2	88	1	10	11
52590	0.1	21	234	<3	0.1	5	45	3	11	12
52591	0.5	10	11	<3	0.4	21	495	2	11	8
52592	0.1	<3	115	<3	0.1	2	77	1	8	5
52593	0.1	<3	44	<3	1.1	11	106	3	9	21
52594	0.4	<3	130	<3	0.1	2	193	1	11	3
52595	6.1	3	4	21	3.7	16	14577	7	51	38
52596	0.3	<3	181	<3	0.1	2	552	1	10	14
52597	0.1	<3	270	<3	0.1	2	88	4	11	4
52598	0.1	<3	15	<3	0.1	37	51	1	13	4
52599	0.3	<3	154	<3	0.1	2	174	1	12	3
52600	0.2	<3	84	<3	0.1	12	171	1	9	5
52601	0.1	<3	121	<3	0.1	1	17	4	9	6
52602	0.3	<3	88	<3	0.1	1	10	1	10	7
52603	0.2	<3	109	<3	0.1	1	9	1	8	5
52604	0.1	<3	309	<3	0.1	1	6	1	8	7
52605	0.3	<3	113	<3	0.1	1	5	4	8	9
52606	0.1	<3	87	<3	0.1	1	6	1	8	8

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum





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(604) 251-5656

REPORT #: 881451 PA

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Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
52607	0.1	<3	208	<3	0.6	4	11	1	15	17
52608	0.1	<3	238	<3	1.2	3	10	2	8	19
52609	0.1	<3	83	<3	0.1	2	5	1	8	8
52610	0.1	<3	239	<3	0.1	1	6	1	9	11
52611	0.1	<3	294	<3	0.1	1	6	1	7	17
52612	0.4	<3	213	<3	0.1	1	5	1	9	13
52613	0.1	<3	161	<3	0.6	6	13	1	9	45
52614	0.2	<3	137	<3	0.1	1	8	4	9	17
52615	0.5	<3	544	<3	0.1	2	6	1	9	7
52616	0.1	<3	259	<3	0.3	4	10	2	9	37
52617	0.4	<3	228	<3	0.1	2	9	1	10	14
52618	0.2	<3	220	<3	0.1	1	5	4	10	15
52619	0.8	<3	12	<3	1.5	53	60	1	14	32
52620	0.3	<3	243	<3	0.1	2	4	1	7	9
52621	0.2	5	125	<3	0.1	3	7	4	10	11
52622	0.1	<3	8	3	2.2	46	58	3	20	55
52623	0.4	<3	422	<3	0.1	3	6	1	10	30
52624	0.1	<3	311	<3	0.1	2	8	4	12	20
52625	0.1	<3	325	<3	0.8	3	6	1	9	22
52626	0.1	<3	111	<3	0.1	22	53	1	13	78
52627	0.1	<3	>1000	<3	0.8	7	11	1	17	82
52628	0.1	<3	625	<3	0.1	3	5	1	10	25
52629	0.1	<3	370	<3	1.1	8	19	1	11	37
52630	0.1	<3	491	<3	2.2	10	11	1	24	158
52632	0.1	<3	235	<3	0.6	9	5	2	19	76
52635	0.3	<3	94	<3	0.1	2	1	1	6	14
52636	0.1	<3	185	<3	1.1	12	8	1	4	59
52637	0.1	<3	>1000	<3	1.2	3	7	1	9	186
52638	0.1	<3	188	<3	1.5	6	4	1	14	109
52639	0.2	<3	164	<3	0.1	1	196	1	8	12
52640	0.5	11	444	<3	0.1	5	37	4	10	7
52641	0.3	34	26	<3	0.1	19	237	1	11	9
52642	0.4	<3	493	<3	0.1	4	37	5	10	15
52643	0.3	10	206	<3	0.1	4	44	1	9	6
52644	10.8	88	12	3	3.1	21	4902	2	27	201
52645	0.4	6	619	<3	0.6	7	150	3	29	57
52646	0.5	<3	368	<3	0.1	2	36	5	10	14
52647	0.3	<3	>1000	<3	0.1	2	19	1	8	12
52648	0.1	<3	296	<3	0.1	1	16	1	10	11

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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REPORT #: 881451 PA

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Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
52649	0.1	3	838	3	0.1	4	33	1	7	19
52650	0.2	<3	781	<3	0.1	2	8	4	8	14
Unknown Number	0.4	<3	149	<3	0.7	6	6	1	17	49
Minimum Detection	0.1	3	1	3	0.1	1	1	1	2	1
Maximum Detection	50.0	1000	1000	1000	100.0	20000	20000	1000	20000	20000

< = Less than Minimum    is = Insufficient Sample    ns = No sample    > = Greater than Maximum

## ANOMALOUS RESULTS:

FURTHER ANALYSES  
BY ALTERNATE  
METHODS SUGGESTED



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REPORT NUMBER: 881463 AA

JOB NUMBER: 881463

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PAGE 1 OF 1

SAMPLE #

Au  
oz/st

21719	.236
21722	.360
21726	.582

DETECTION LIMIT

1 Troy oz/short ton = 34.28 pps

.005

1 pps = 0.0001%

pps = parts per million

< = less than

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



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REPORT NUMBER: 881463 GA

JOB NUMBER: 881463

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PAGE 1 OF 2

SAMPLE #	Au
	ppb
21677	10
21678	nd
21679	10
21680	nd
21681	nd
21682	110
21683	40
21684	60
21685	nd
21686	nd
21687	nd
21688	nd
21689	70
21690	40
21691	20
21692	20
21715	40
21716	250
21717	90
21718	55
21719	7710
21720	680
21721	850
21722	> 10000
21723	260
21724	285
21725	90
21726	> 10000
21727	230
21728	40
21729	nd
21730	20
21731	10
21732	20
21733	40
21734	90
21735	25
21736	90
21737	20

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT NUMBER: 881463 GA

JOB NUMBER: 881463

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PAGE 2 OF 2

SAMPLE #	Au ppb
21738	30
21739	30
21740	10
21741	nd
21742	nd
21743	nd
21744	20
21745	40
21746	nd
21747	10
21748	10
21749	30
21750	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT #: 881463 PA

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Page 1 of 2

Sample Number	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Co ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
21677	0.1	<3	157	<3	0.5	22	88	1	16	121
21678	0.1	<3	102	<3	0.3	15	27	1	9	66
21679	0.1	<3	175	<3	1.3	36	61	2	25	184
21680	0.1	<3	140	<3	1.1	26	38	1	25	108
21681	0.1	<3	216	<3	1.1	7	10	1	10	46
21682	0.1	<3	274	<3	0.9	7	11	1	11	45
21683	0.1	<3	84	3	2.1	6	10	1	9	53
21684	0.1	<3	69	<3	0.9	9	12	1	11	30
21685	0.1	<3	76	<3	1.5	7	9	2	7	37
21686	0.1	<3	374	<3	1.3	11	35	1	24	56
21687	0.2	<3	178	<3	0.1	13	8	1	10	13
21688	0.1	4	121	<3	0.1	21	9	1	8	11
21689	0.3	<3	320	<3	0.1	12	11	1	9	9
21690	0.2	3	69	<3	0.1	7	8	1	10	11
21691	0.1	<3	135	<3	0.4	15	9	2	8	22
21692	0.1	<3	876	<3	0.1	8	11	1	8	29
21715	0.1	<3	413	<3	0.3	16	147	1	13	33
21716	1.2	39	43	<3	0.4	19	386	1	14	18
21717	0.2	<3	328	<3	0.1	9	96	3	13	22
21718	0.2	<3	701	<3	0.8	11	252	1	12	29
21719	7.2	52	15	10	4.1	17	>20000	4	21	69
21720	0.1	8	263	<3	1.1	9	2419	3	17	39
21721	0.2	43	76	<3	0.4	20	685	1	15	14
21722	2.2	20	5	3	1.5	61	556	4	16	14
21723	0.1	<3	308	<3	0.1	7	142	1	10	14
21724	0.3	<3	105	<3	0.1	7	181	1	13	8
21725	0.1	<3	361	<3	0.1	6	216	1	13	14
21726	4.8	<3	7	6	3.1	70	325	8	12	6
21727	0.1	<3	90	<3	0.4	12	35	3	16	41
21728	0.2	<3	60	<3	0.8	10	17	1	21	31
21729	0.3	<3	101	<3	0.1	5	17	1	11	20
21730	0.6	<3	25	<3	0.1	3	20	1	11	6
21731	0.4	<3	35	<3	0.1	3	10	1	15	16
21732	0.8	<3	25	<3	0.1	2	11	4	11	7
21733	0.5	<3	51	<3	0.1	12	27	1	13	14
21734	0.1	<3	54	<3	1.4	18	19	2	28	42
21735	0.3	<3	111	<3	1.4	16	16	1	47	73
21736	0.1	<3	72	<3	0.8	12	12	1	23	27
21737	0.1	<3	108	<3	0.4	5	13	2	11	17

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



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REPORT #: 881463 PA

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Page 2 of 2

Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
21738	0.1	<3	74	<3	0.9	12	11	1	15	33
21739	0.2	<3	92	<3	1.2	13	11	2	22	49
21740	0.1	<3	41	<3	0.3	7	8	1	13	23
21741	0.1	<3	73	<3	0.3	5	10	1	14	22
21742	0.1	<3	86	<3	1.1	18	25	1	16	69
21743	0.8	<3	103	<3	0.4	11	9	1	20	41
21744	0.1	<3	145	<3	1.2	11	10	1	13	57
21745	0.5	<3	62	<3	0.1	7	7	1	16	17
21746	0.1	<3	65	<3	0.1	11	31	1	14	40
21747	0.1	<3	113	<3	0.4	17	19	1	20	78
21748	0.1	<3	46	<3	1.5	42	28	3	33	251
21749	0.1	<3	52	<3	1.2	9	18	1	12	53
21750	0.1	<3	103	<3	0.4	11	10	1	16	85
Minimum Detection	0.1	3	1	3	0.1	1	1	1	2	1
Maximum Detection	50.0	1000	1000	1000	100.0	20000	20000	1000	20000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum

**ANOMALOUS RESULTS:**  
FURTHER ANALYSES  
BY ALTERNATE  
METHODS SUGGESTED



# VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 881472 AA

JOB NUMBER: 881472

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PAGE 1 OF 1

SAMPLE #

Au  
oz/st

52512

.456

52531

.031

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.0001%

ppm = parts per million

< = less than

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





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REPORT NUMBER: 881472 GA

JOB NUMBER: 881472

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PAGE 1 OF 1

SAMPLE #	Au
	ppb
52511	670
52512	>10000
52513	990
52527	10
52528	nd
52529	nd
52530	20
52531	1370
52532	70
52533	40
52534	110
52535	nd
52536	nd
52537	nd
52538	nd
52539	nd
52540	nd
52541	nd
52542	nd
52543	40
52544	160
52545	20
52546	95
52547	40

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT #: 881472 PA

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Page 1 of 1

Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
52511	0.5	11	43	<3	0.1	7	168	1	13	14
52512	2.7	<3	6	6	1.1	21	667	7	26	8
52513	0.6	11	13	<3	0.4	8	123	1	10	2
52527	0.4	<3	452	<3	0.1	2	27	2	9	1
52528	0.5	10	33	<3	0.4	8	42	1	19	23
52529	0.2	8	348	<3	0.4	3	28	4	10	22
52530	0.4	<3	581	<3	0.1	2	16	1	10	20
52531	0.1	<3	54	<3	1.5	10	43	2	8	28
52532	0.1	<3	473	<3	0.2	2	27	6	11	41
52533	0.2	6	180	<3	0.1	1	13	1	8	8
52534	0.1	<3	200	<3	0.6	3	17	1	5	32
52535	0.4	3	258	<3	0.1	2	12	1	10	8
52536	0.1	<3	621	<3	0.5	5	75	3	8	31
52537	0.4	6	238	<3	0.1	2	17	5	10	3
52538	0.1	<3	293	<3	0.4	4	16	2	10	43
52539	0.1	<3	604	<3	0.1	3	180	<1	9	49
52540	0.1	<3	>1000	<3	0.1	3	17	1	9	24
52541	0.4	<3	577	<3	0.1	2	17	5	7	12
52542	0.1	<3	>1000	<3	0.1	1	14	3	8	8
52543	0.1	<3	>1000	3	2.8	2	16	2	5	98
52544	0.1	3	377	<3	0.1	1	19	4	8	17
52545	0.4	10	181	<3	0.1	4	14	1	11	13
52546	0.4	8	135	<3	0.1	2	19	2	11	3
52547	0.1	<3	861	<3	0.4	2	14	2	7	9

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1

Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum

**ANOMALOUS RESULTS:  
FURTHER ANALYSES  
BY ALTERNATE  
METHODS SUGGESTED**



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REPORT NUMBER: 880778 6A

JOB NUMBER: 880778

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PAGE 1 OF 4

SAMPLE #	Au
	ppb
1 AL 0+50N	5
1 AL 1+00N	10
1 AL 1+50N	15
1 AL 2+00N	15
1 AL 2+50N	20
1 AL 3+00N	10
1 AL 3+50N	15
1 AL 4+00N	20
1 AL 4+50N	10
1 AL 5+00N	15
1 AL 5+50N	15
1 AL 6+00N	20
1 AL 6+50N	5
1 AL 7+00N	10
1 AL 7+50N	15
1 AL 8+00N	15
1 AL 9+50N	5
1 AL 10+50N	10
1 AL 11+00N	nd
1 AL 12+00N	5
1 AL 12+50N	5
1 AL 13+00N	5
1 AL 13+50N	nd
1 AL 14+50N	10
1 AL 15+00N	20
1 AL 15+50N	5
2 AL 0+00N	10
2 AL 0+50N	15
2 AL 1+00N	15
2 AL 1+50N	10
2 AL 2+00N	20
2 AL 2+50N	20
2 AL 3+00N	45
2 AL 3+50N	10
2 AL 4+00N	20
2 AL 4+50N	10
2 AL 5+00N	15
2 AL 5+50N	15
2 AL 6+00N	20

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT NUMBER: 880778 GA

JOB NUMBER: 880778

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PAGE 2 OF 4

SAMPLE #	Au ppb
2 AL 6+50N	15
2 AL 7+00N	30
2 AL 7+50N	20
2 AL 8+00N	15
2 AL 8+50N	5
2 AL 9+00N	25
2 AL 9+50N	15
2 AL 10+00N	15
2 AL 11+00N	15
2 AL 11+50N	20
2 AL 12+00N	15
2 AL 12+50N	25
2 AL 13+00N	15
2 AL 13+50N	15
2 AL 14+00N	20
2 AL 14+50N	5
2 AL 15+00N	5
2 AL 15+50N	15
2 AL 15+75N	15
3 AL 1+50N	10
3 AL 2+50N	15
3 AL 3+00N	15
3 AL 3+50N	nd
3 AL 4+00N	25
3 AL 4+50N	20
3 AL 5+00N	25
3 AL 5+50N	25
3 AL 6+00N	15
3 AL 6+50N	15
3 AL 7+00N	10
3 AL 7+50N	20
3 AL 8+00N	25
3 AL 8+50N	20
3 AL 9+00N	20
3 AL 9+50N	20
3 AL 10+00N	15
3 AL 10+50N	25
3 AL 11+00N	15
3 AL 11+50N	25

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT NUMBER: 880778 6A

JOB NUMBER: 880778

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PAGE 3 OF 4

SAMPLE #	Au
	ppb
3 AL 12+00N	30
3 AL 12+50N	10
3 AL 13+00N	20
3 AL 13+50N	20
3 AL 14+00N	30
3 AL 14+50N	15
3 AL 15+00N	15
3 AL 15+50N	15
3 AL 16+00N	15
4 AL 1+50N	15
4 AL 2+00N	15
4 AL 2+50N	15
4 AL 3+00N	15
4 AL 3+50N	5
4 AL 4+00N	15
4 AL 4+50N	15
4 AL 5+00N	40
4 AL 5+50N	5
4 AL 6+00N	20
4 AL 6+50N	15
4 AL 7+00N	10
4 AL 7+50N	10
4 AL 8+00N	15
4 AL 8+50N	30
4 AL 9+00N	15
4 AL 9+50N	15
4 AL 10+00N	30
4 AL 10+50N	35
4 AL 11+00N	5
5 AL 2+00N	125
5 AL 3+00N	20
5 AL 3+50N	20
5 AL 4+50N	20
5 AL 5+00N	20
5 AL 5+50N	10
5 AL 6+00N	nd
5 AL 6+50N	15
6 AL 2+00N	15
6 AL 2+50N	5

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
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REPORT NUMBER: 880778 6A

JOB NUMBER: 880778

OREQUEST CONSULTANTS LTD.

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SAMPLE #	Au ppb
6 AL 3+00N	10
6 AL 3+50N	10
6 AL 4+00N	10
6 AL 4+50N	15
6 AL 5+00N	10
6 AL 5+50N	10
6 AL 6+00N	10
100M AL 7+00N	5
Outcrop 120N	15
No Name	5
3 AL 2+00N	20

DETECTION LIMIT  
nd = none detected

5  
-- = not analysed

is = insufficient sample

**VANGEOCHEM LAB LIMITED**  
1988 TRIUMPH STREET  
VANCOUVER, B.C. V5L 1K5

REPORT #: 880778 PA

OREQUEST CONSULTANTS

Page 1 of 4

Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1 AL 0+50N	0.9	13	40	<3	1.1	6	36	8	42	75
1 AL 1+00N	2.7	3	53	<3	1.2	6	32	10	60	112
1 AL 1+50N	0.1	10	77	<3	1.3	10	34	7	58	149
1 AL 2+00N	0.1	<3	154	<3	1.1	8	37	16	79	91
1 AL 2+50N	0.1	<3	96	<3	1.5	32	177	7	32	130
1 AL 3+00N	0.1	<3	79	<3	1.2	31	215	5	15	174
1 AL 3+50N	0.1	<3	185	<3	1.9	15	108	9	32	498
1 AL 4+00N	0.1	8	125	<3	1.5	6	25	7	19	61
1 AL 4+50N	0.9	<3	35	<3	1.3	10	63	9	56	137
1 AL 5+00N	0.3	5	154	<3	1.3	15	70	8	46	132
1 AL 5+50N	0.1	14	74	<3	1.1	14	39	7	20	65
1 AL 6+00N	0.1	31	67	4	1.3	11	112	10	17	84
1 AL 6+50N	0.1	24	72	<3	0.7	6	48	8	21	65
1 AL 7+00N	0.1	<3	349	<3	1.5	13	30	13	<2	114
1 AL 7+50N	0.1	<3	59	<3	1.7	6	34	10	24	65
1 AL 8+00N	0.1	<3	54	<3	1.9	14	273	62	3	52
1 AL 9+50N	0.1	<3	42	3	2.0	21	19	19	11	72
1 AL 10+50N	0.1	<3	54	<3	1.8	11	29	9	23	114
1 AL 11+00N	0.1	14	40	<3	0.4	5	12	6	21	52
1 AL 12+00N	0.1	12	86	<3	1.2	10	22	13	48	113
1 AL 12+50N	0.1	9	69	<3	1.6	7	23	14	32	106
1 AL 13+00N	1.2	14	25	4	1.8	7	34	17	66	66
1 AL 13+50N	0.1	18	43	<3	0.9	5	15	4	20	76
1 AL 14+50N	0.1	24	73	<3	0.9	9	21	6	17	89
1 AL 15+00N	0.1	<3	517	3	2.2	29	130	12	<2	163
1 AL 15+50N	0.1	19	72	<3	0.8	7	15	5	19	69
100N AL 1+00N	1.4	<3	49	<3	1.3	5	113	14	40	58
2 AL 0+00N	0.1	17	35	<3	0.9	4	18	4	18	43
2 AL 0+50N	0.9	7	55	<3	1.2	14	35	3	14	51
2 AL 1+00N	0.5	18	100	<3	1.8	8	101	13	59	122
2 AL 1+50N	0.1	9	80	<3	1.3	3	26	8	50	97
2 AL 2+00N	0.1	10	51	<3	1.0	5	23	5	32	68
2 AL 2+50N	0.9	<3	26	<3	1.1	4	52	8	43	70
2 AL 3+00N	0.1	<3	619	<3	2.7	79	313	7	26	253
2 AL 3+50N	0.1	14	66	<3	0.9	10	44	5	28	120
2 AL 4+00N	0.1	<3	30	<3	1.2	14	76	8	42	57
2 AL 4+50N	2.1	<3	15	<3	1.6	1	30	9	77	52
2 AL 5+00N	2.1	<3	25	<3	1.1	5	33	8	48	76
2 AL 5+50N	1.6	45	37	<3	1.0	6	37	8	49	99

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum

Sample Number	Ag	As	Ba	Bi	Cd	Co	Cu	Mo	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
2 AL 6+00N	0.1	19	44	<3	1.5	11	107	8	11	55
2 AL 6+50N	0.1	5	44	<3	1.4	10	47	6	14	73
2 AL 7+00N	0.1	<3	64	3	2.0	24	113	10	11	76
2 AL 7+50N	0.1	<3	47	3	1.8	8	54	10	10	60
2 AL 8+00N	0.1	25	46	<3	1.0	4	28	8	26	59
2 AL 8+50N	2.1	6	18	3	1.9	6	40	18	58	66
2 AL 9+00N	1.2	<3	18	3	1.7	4	38	14	59	62
2 AL 9+50N	0.6	<3	225	<3	1.1	8	34	9	42	130
2 AL 10+00N	0.3	24	28	<3	1.1	3	18	9	37	61
2 AL 11+00N	0.1	<3	381	<3	2.3	15	21	7	6	148
2 AL 11+50N	0.1	<3	78	<3	1.6	5	20	7	26	77
2 AL 12+00N	0.1	<3	695	<3	2.2	10	15	6	6	137
2 AL 12+50N	0.1	<3	89	<3	1.4	8	12	7	14	89
2 AL 13+00N	1.1	<3	86	<3	1.0	5	18	8	42	68
2 AL 13+50N	0.1	3	48	<3	1.5	3	18	8	26	40
2 AL 14+00N	0.1	<3	386	<3	1.0	44	12	7	21	125
2 AL 14+50N	3.3	<3	364	<3	1.1	12	21	8	49	184
2 AL 15+00N	3.3	<3	20	3	1.9	4	46	14	67	56
2 AL 15+50N	0.1	13	108	<3	0.7	8	80	6	20	74
2 AL 15+75N	0.1	<3	536	<3	1.8	25	636	11	14	144
3 AL 1+50N	0.1	26	89	<3	0.8	9	39	3	14	120
3 AL 2+00N	2.1	<3	35	<3	1.2	2	27	9	48	69
3 AL 2+50N	3.8	<3	18	<3	1.5	2	30	13	60	47
3 AL 3+00N	3.2	<3	16	3	1.7	3	27	13	78	51
3 AL 3+50N	0.5	<3	49	<3	1.3	5	25	6	42	87
3 AL 4+00N	0.1	3	162	<3	1.3	5	96	8	38	149
3 AL 4+50N	1.5	15	20	<3	1.0	6	33	12	58	62
3 AL 5+00N	0.1	31	37	<3	1.1	4	22	7	28	74
3 AL 5+50N	0.1	23	85	<3	1.0	5	24	5	24	67
3 AL 6+00N	0.6	5	28	<3	1.3	3	22	9	58	48
3 AL 6+50N	0.1	11	37	<3	1.0	4	18	8	43	62
3 AL 7+00N	0.1	10	40	<3	1.1	2	29	10	28	65
3 AL 7+50N	1.1	8	27	3	1.5	5	28	17	64	74
3 AL 8+00N	0.1	<3	35	<3	1.4	3	16	6	7	104
3 AL 8+50N	0.1	9	24	<3	1.0	3	9	7	8	58
3 AL 9+00N	0.1	<3	82	<3	1.6	11	24	7	19	97
3 AL 9+50N	0.1	<3	47	3	2.0	4	13	12	3	127
3 AL 10+00N	0.5	26	19	<3	1.1	3	22	7	31	58
3 AL 10+50N	0.4	<3	24	<3	1.1	1	14	6	38	69

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1  
 Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000  
 < = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



Sample Number	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Co ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
3 AL 11+00N	0.1	5	46	<3	0.7	3	8	11	7	63
3 AL 11+50N	0.1	7	25	<3	1.2	4	11	7	2	94
3 AL 12+00N	0.1	69	242	3	2.5	33	145	9	10	237
3 AL 12+50N	0.1	<3	>1000	<3	1.7	11	16	8	2	127
3 AL 13+00N	0.1	16	136	<3	0.8	3	19	10	18	89
3 AL 13+50N	0.3	8	62	<3	1.5	2	26	11	49	75
3 AL 14+00N	<0.1	<3	21	<3	1.1	2	21	10	48	47
3 AL 14+50N	2.2	<3	33	<3	0.8	1	17	9	45	62
3 AL 15+00N	0.1	11	43	<3	0.8	1	7	7	11	69
3 AL 15+50N	0.1	24	64	<3	0.6	3	20	4	26	56
3 AL 16+00N	1.7	<3	74	<3	1.1	1	12	6	30	88
4 AL 1+50N	0.1	25	60	<3	0.6	3	26	5	26	69
4 AL 2+00N	0.1	15	76	<3	1.1	1	16	12	27	60
4 AL 2+50N	0.1	11	88	<3	0.5	1	8	5	9	50
4 AL 3+00N	0.1	11	98	<3	1.2	3	21	9	10	61
4 AL 3+50N	0.1	10	80	<3	0.8	3	12	8	20	57
4 AL 4+00N	0.1	4	86	<3	1.2	4	21	11	37	70
4 AL 4+50N	0.3	7	70	<3	0.8	2	19	10	52	66
4 AL 5+00N	0.1	12	143	<3	0.6	6	28	8	27	116
4 AL 5+50N	0.1	11	132	<3	0.5	2	11	4	9	58
4 AL 6+00N	0.1	7	121	<3	0.8	6	14	8	38	88
4 AL 6+50N	0.1	<3	644	<3	2.7	12	28	8	28	193
4 AL 7+00N	0.1	14	50	<3	0.6	2	11	8	12	62
4 AL 7+50N	0.1	<3	112	<3	1.1	22	14	3	2	89
4 AL 8+00N	0.1	14	112	<3	1.5	3	20	11	36	91
4 AL 8+50N	0.1	7	278	<3	1.2	11	32	8	34	167
4 AL 9+00N	0.3	19	34	<3	0.3	4	18	10	56	69
4 AL 9+50N	0.1	16	102	<3	0.6	1	14	7	27	73
4 AL 10+00N	0.1	20	42	<3	1.2	2	28	10	42	76
4 AL 10+50N	0.1	15	89	<3	0.3	2	18	2	6	43
4 AL 11+00N	0.1	17	66	<3	0.4	3	13	4	8	53
5 AL 2+00N	0.1	13	141	3	1.2	11	175	30	15	78
5 AL 3+00N	0.1	<3	256	<3	1.1	5	25	10	33	156
5 AL 3+50N	0.1	24	66	<3	0.8	2	16	7	24	43
5 AL 4+50N	3.2	<3	40	<3	1.1	1	22	11	61	69
5 AL 5+00N	3.1	4	47	<3	1.5	12	39	10	45	70
5 AL 5+50N	0.1	13	162	<3	1.1	1	20	10	43	73
5 AL 6+00N	0.8	7	19	<3	1.1	3	25	11	60	77
5 AL 6+50N	0.1	9	61	<3	0.6	6	34	10	40	73

Minimum Detection 0.1 3 1 3 0.1 1 1 1 2 1

Maximum Detection 50.0 1000 1000 1000 100.0 20000 20000 1000 20000 20000

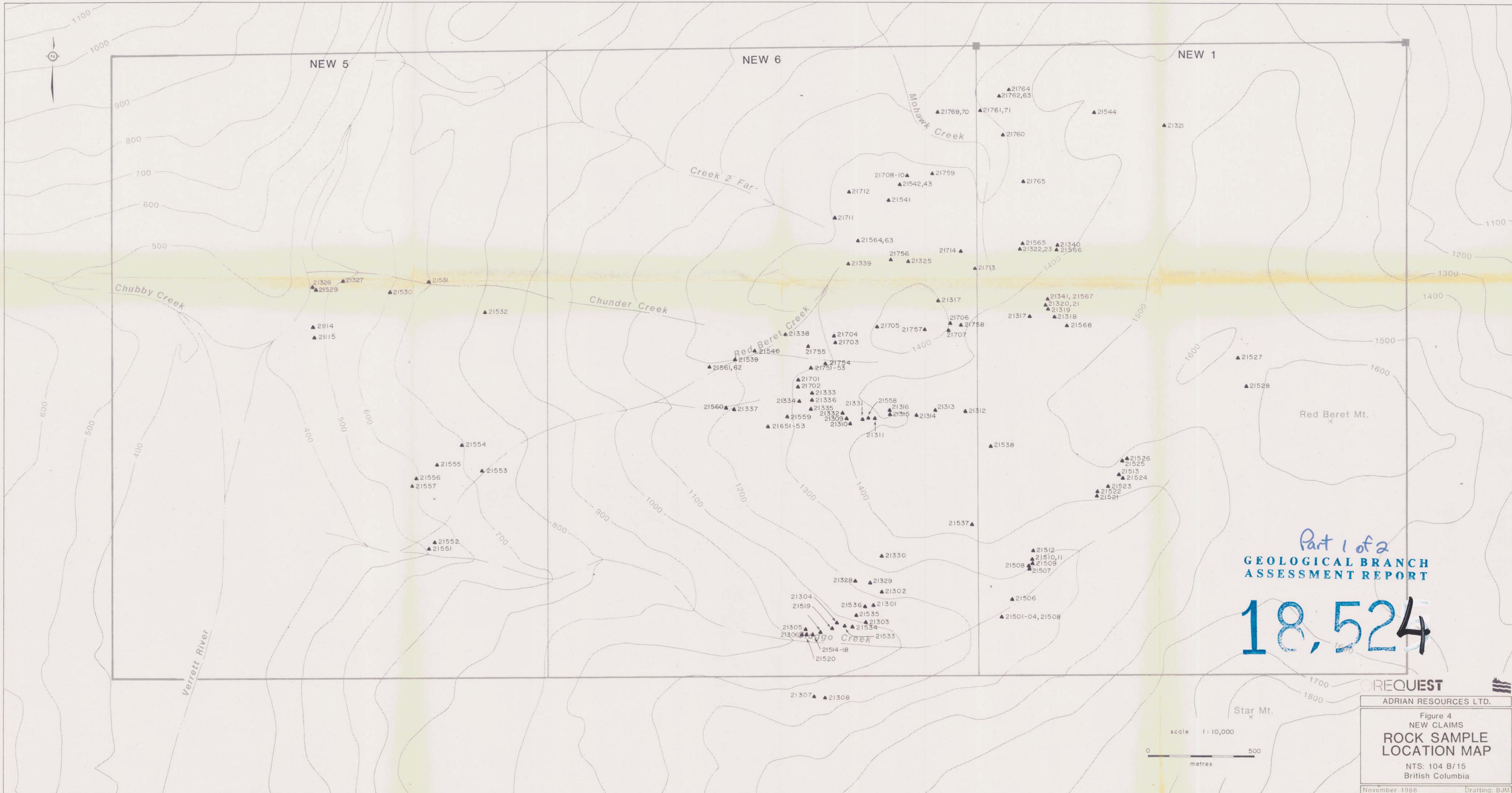
< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum

[illegible]







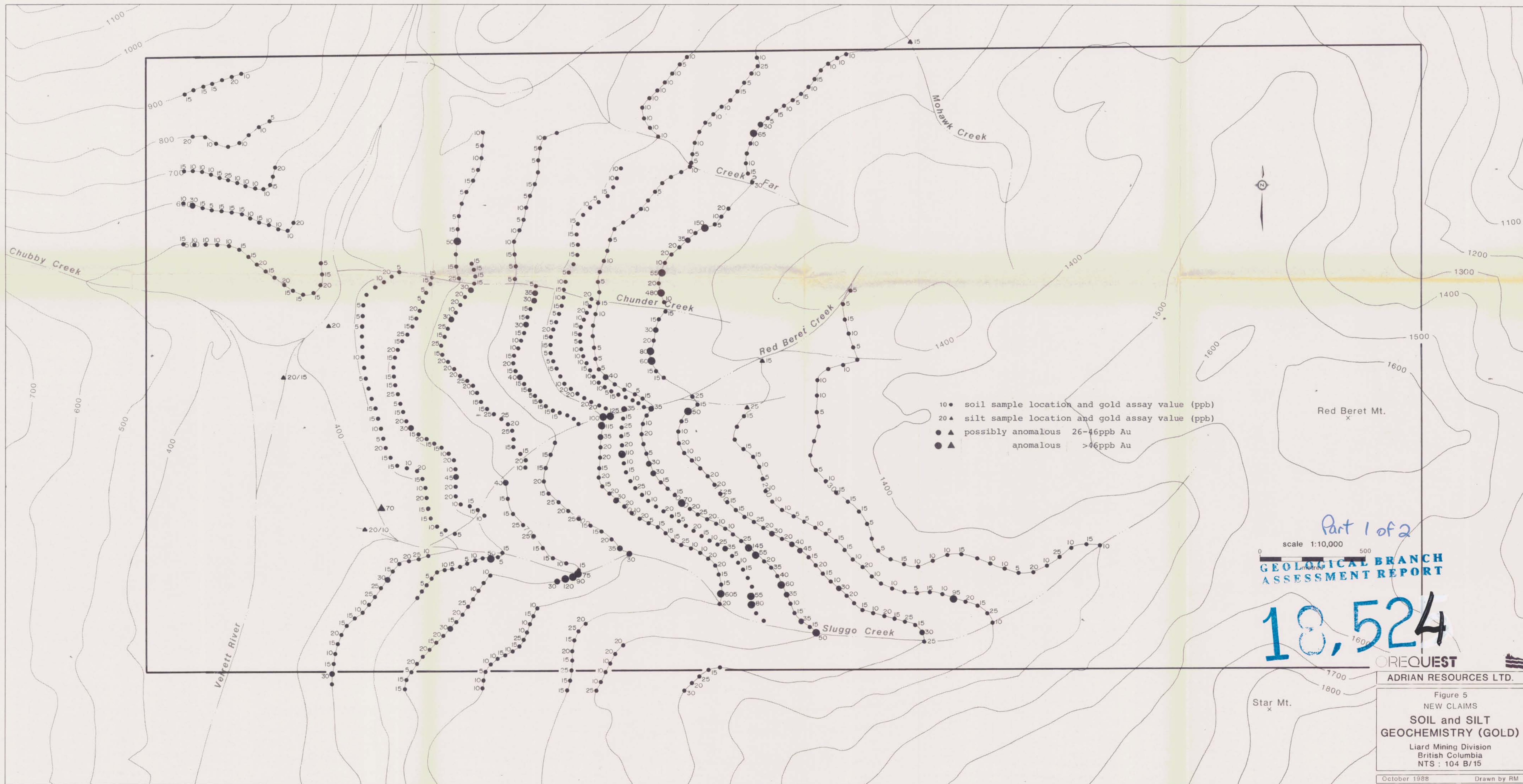


Part 1 of 2  
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**  
**18,524**

**OREQUEST**  
ADRIAN RESOURCES LTD.

Figure 4  
NEW CLAIMS  
**ROCK SAMPLE  
LOCATION MAP**  
NTS: 104 B/15  
British Columbia  
November 1988  
Drafting: BJM

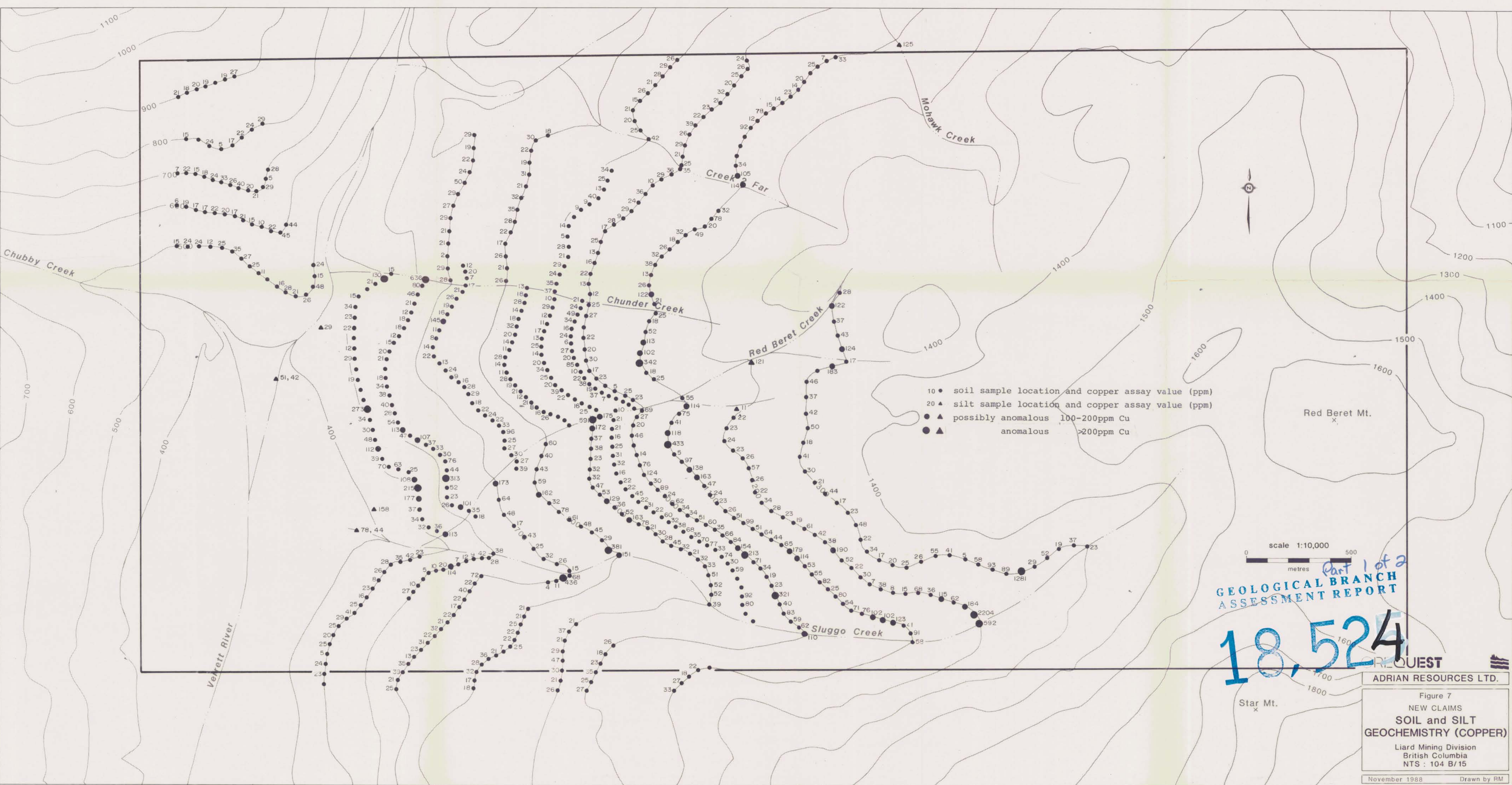












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**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

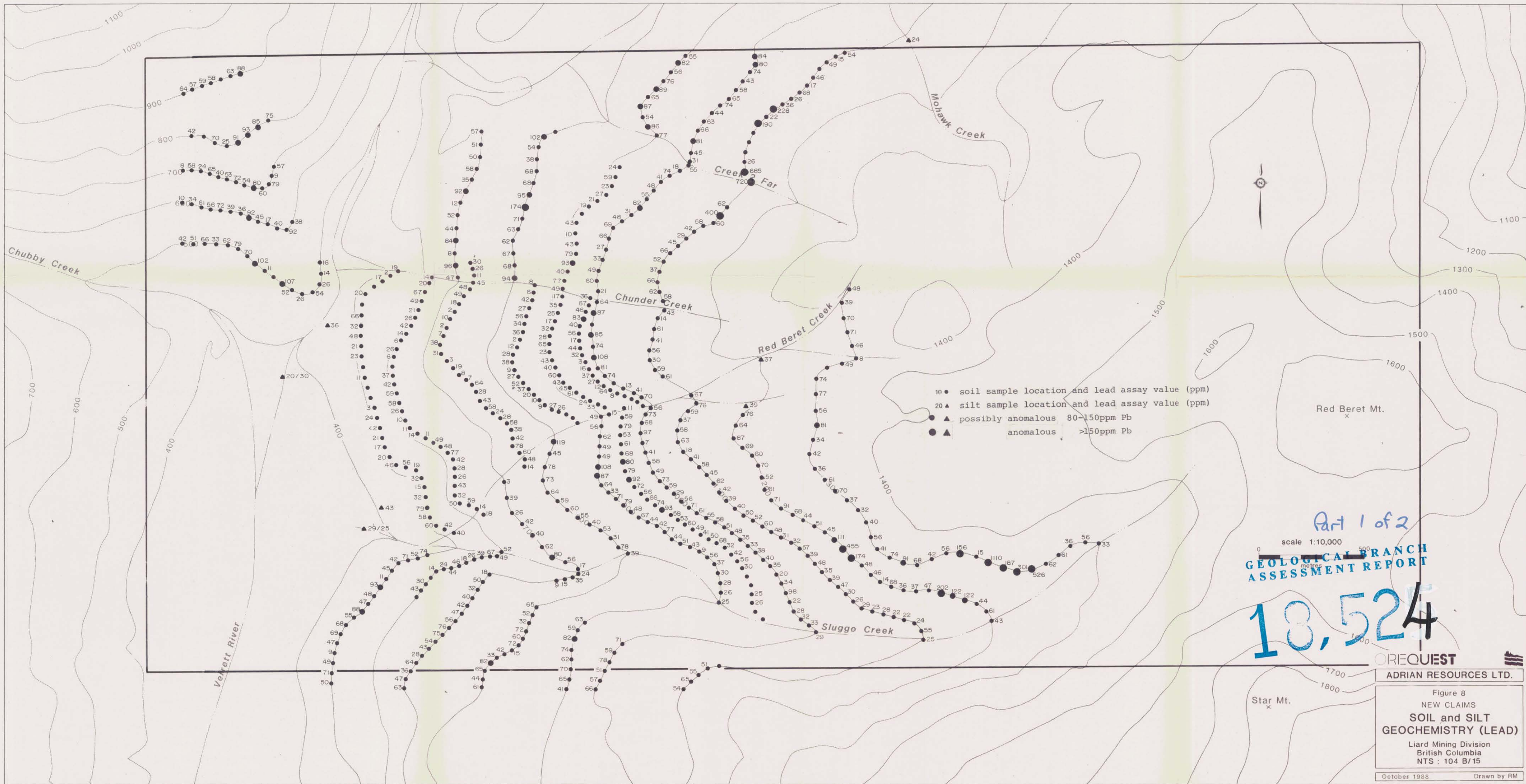
**18,524**

REQUEST

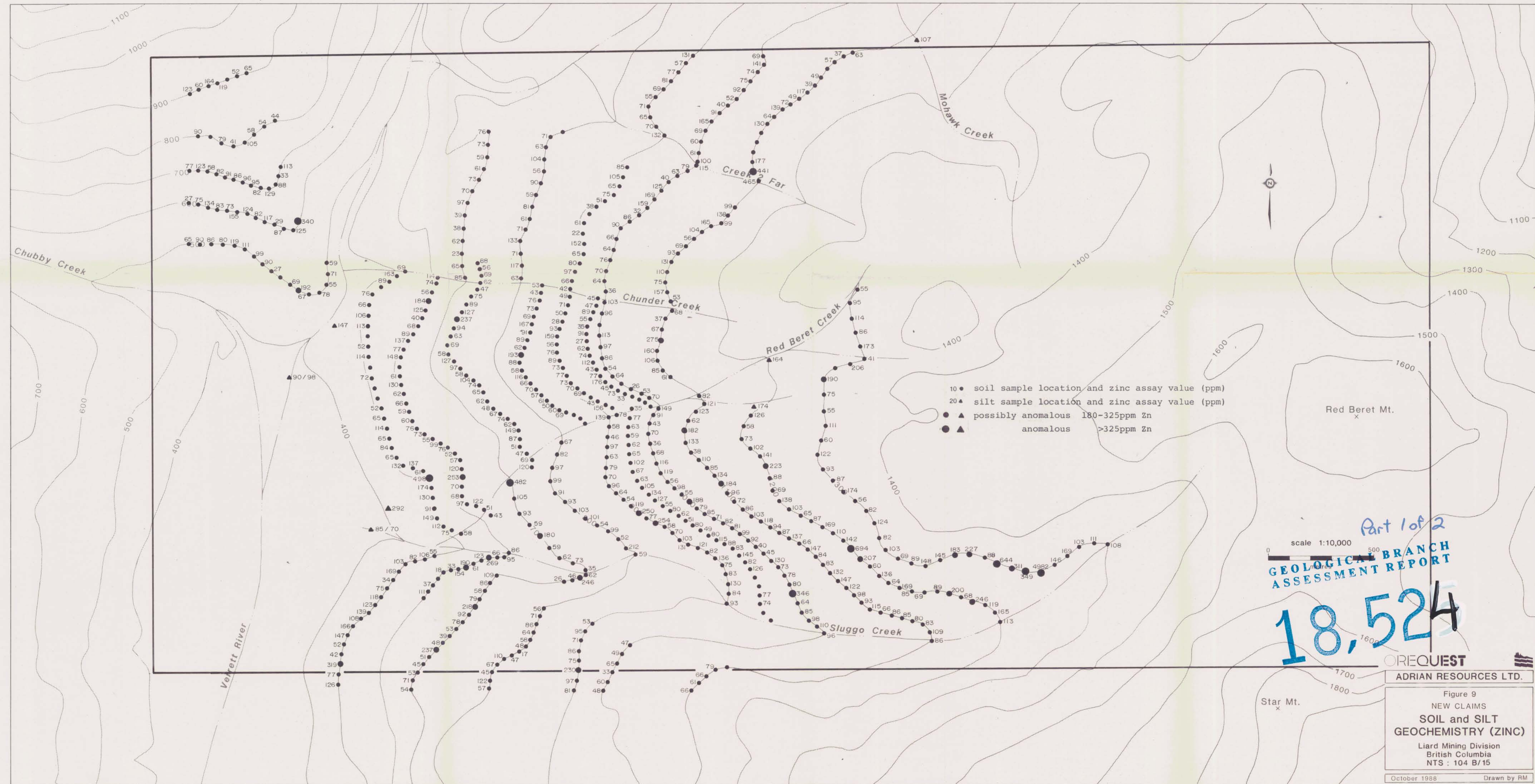
ADRIAN RESOURCES LTD.

Figure 7  
NEW CLAIMS  
**SOIL and SILT  
GEOCHEMISTRY (COPPER)**  
Liard Mining Division  
British Columbia  
NTS : 104 B/15  
November 1988 Drawn by RM

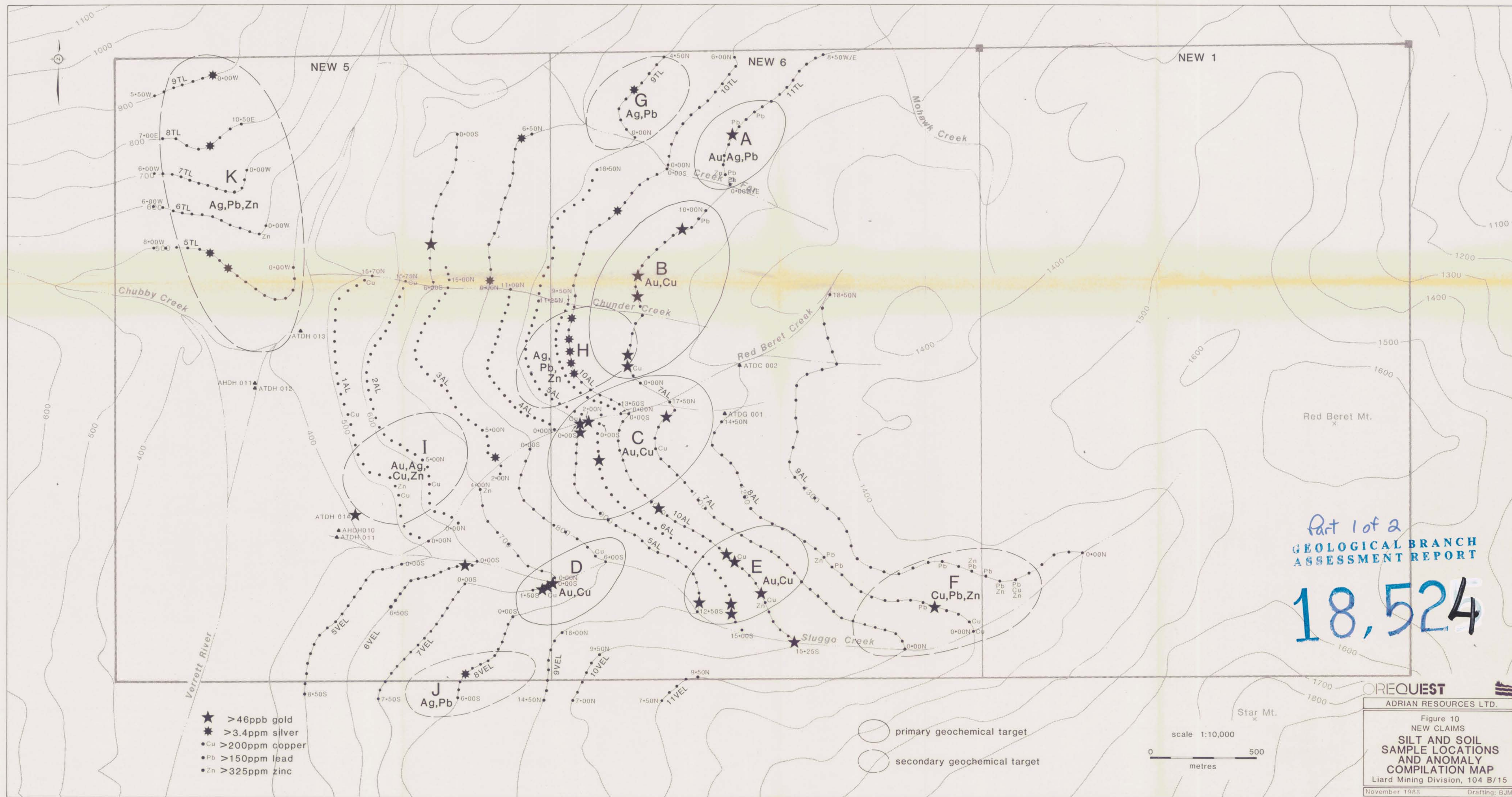












Part 1 of 2  
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

18,524

**OREQUEST**  
ADRIAN RESOURCES LTD.

Figure 10  
NEW CLAIMS  
SILT AND SOIL  
SAMPLE LOCATIONS  
AND ANOMALY  
COMPILATION MAP  
Liard Mining Division, 104 B/15  
November 1988      Drafting: BJM