

Assessment Report

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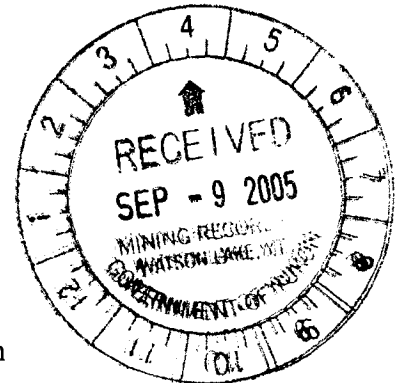
describing

PROSPECTING, GEOLOGICAL MAPPING, AND DIAMOND DRILLING

on the

GOAL NET PROPERTY

Goal Claims
Goon Claims
Net Claims
NHL Claims



Claims are 100% owned by Yukon Zinc Corporation

NTS 105G/7 & 8

Latitude 61°23'N and Longitude 130°32'W

In the Watson Lake Mining District, Yukon Territory

Prepared by Phu Van Bui, B.Sc., G.I.T.
August 2005

Costs associated with this report have been approved in the amount of \$ 93,200.00 for assessment credit under Certificate of Work No. QL 25787, QL 25801, QL 25802.

Kenosha

Per Mining Recorder
Watson Lake Mining District

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1.0 Introduction

The Goon, Goal, NHL, Net and Overtime claims are part of the Goal Net Property. The property comprises of 858 claims covering 16,610 hectares in the Watson Lake Mining District, Yukon. The Goal Net Property is 100% owned by Yukon Zinc Corporation (formerly Expatriate Resources Ltd.).

The Goal Net Property is located at latitude 61°23'N and longitude 130°32'W, on NTS map sheet 105G/7 and 105G/8 (Figure 01). Access into the area is by fixed wing aircraft (275km) from Whitehorse to Wolverine Lake air strip (61°0'N, 131°0'W). The Goal Net Property is located 18-20 km SW from the Wolverine Lake air strip and can be accessed by helicopter only.

Between June 01st and September 01st, 2004, Expatriate Resources Ltd. (hereby referred to as Yukon Zinc Corporation or "YUKON ZINC") conducted a broad prospecting and geological mapping program over the Goal Net Property, with intent to generate diamond drill targets as part of its 2004 regional exploration program. Rock samples and few soil samples were collected and regional geology maps of targets were generated for areas of interest. Between September 01st to December 31st, 2004, four diamond drill holes were completed on the Goal Net Property (figure 13). This report will provide information on work applied to the Goon, Goal, NHL, Net and Overtime claims between June 01st to December 31st, 2004. Please review earlier assessment reports on the Goal Net Property for background literature (Reference, page 9).

2.0 List of claims by name and grant number being renewed

Table 01. Summary of claims being renewed in this assessment report. Please see Appendix D for an index of claims and their corresponding expiry dates. Please note that March 17th is the anniversary date for all of the aforementioned claims.

Date of Filing	Claim Name	Grant #
Goal Net A, J & I		
	GOON 39	YB76719
	GOON 44	YB76724
	GOON 47-68	YB76727- YB76748
	GOON 71-81	YB76751- YB76761
	GOON 83-136	YB76763- YB76905
Goal Net I	NHL 1-29	YB60677-YB60705
	NHL 31-36	YB60707-YB60712
	NHL 41-46	YB60717-YB60722Q
	NHL 50	YB60726
	NHL 52-71	YB60728-YB60747
	NHL 73-86	YB60749- YB60762
	NHL 88-144	YB60764- YB60820
	NHL 146-148	YB60822-YB60834
	NHL 149-152	YB68845-YB68848

	NHL	153-166	YB68831-YB68844
	NHL	167-170	YB89561-YB89570
	GOON	1-10	YB76681-YB76690
	GOON	12-28	YB76692-YB76708
	GOON	30	YB76710
	GOON	34-43	YB76714-YB76723
	GOON	46	YB76726
	GOON	69-70	YB76749-YB76750
	GOON	82	YB76762
	GOON	137-138	YB92719-YB92720
Goal Net G	GOAL	27-94	YB60586-YB60653
	GOAL	122-125	YB68823-YB68826
	GOAL	127	YB68828
	GOAL	156	YB70507
	GOAL	158-2168	YB70509-YB70520
	GOAL	169	YB70556
	GOAL	170-181	YB70521-YB70532
	GOAL	182	YB70517
	GOAL	183	YB70533
	GOAL	184-203	YB68803-YB68822
	GOAL	320-335	YB87595-YB87610
	NET	1	YB56095
	NET	3-14	YB56097-YB56108
	NET	17-34	YB56111-YB65128
	NET	35-58	YB59119-YB59142
	NET	59-72	YB60984-YB60997
	NET	73-124	YB63472-YB63523
	NET	125-126	YB63930-YB63931
	NET	142	YB63525
	NET	159	YB70433
	NET	161-164	YB70435-YB70438
	NET	165-169	YB70439-YB70443
	NET	171-177	YB70445-YB70451
	NET	179-183	YB0453-YB70457
	NET	185	YB70459
	NET	187	YB70461
	NET	201-214	YB78690-YB78703

3.0 Description of Undertakings and Results

Prospecting and Geologic Mapping

Prospecting and geologic mapping occurred between June 01st and September 01st, 2004 on the Goon, NHL and Overtime claims. These claims were subsequently revisited post September 01st until the end of the exploration program in December 2004 for diamond drill target verification.

Wolverine Camp, located at latitude 61°01'N and longitude 131°20'W served as a base for operations with respect to food, storage of equipment, and helicopter support. Field crews would spend 14-day periods working and camping on the Goal Net Property claims and return to Wolverine camp to prepare rock samples for shipping, resupply food and equipment, and to use camp facilities. All air transportation on the Goal Net Property, to and from Wolverine camp, was provided by Trans North Helicopters Astar 350 and Astar 350B.

Crews consisted of two geologists and two field assistants. Daily traverses from fly-camps were planned to verify geochemical and geophysical anomalies interpreted by data collected in 1996-2000 by Archer, Cathro & Associates (1981) Limited. Geology maps were referenced using government topography maps, mylar, and GPS coordinates provided by handheld GPS units (GARMIN eTrex). Please note that these handheld GPS units are certified to accuracy of 10 meters. The 2004 program focused in Targets F, G and K with minor attention on Target I. As such, geology maps were produced for the first three targets (figures 10-12).

647 rock samples and 141 soil samples were collected. All rock samples were prepared and recorded at the site of sampling, along with rock descriptions and GPS coordinates. Only those deemed of potential value were separated in base camp and submitted for assay. Rock samples are stored at Wolverine lake camp (61°01'N and longitude 131°20'W). Please refer to Appendix E for soil sample assays and Appendix F for rock sample assays.

Table 02 lists common rock types described on outcrops in field notes. These descriptions are identical to those used in figures 10-12.

Table 02. Common rock units observed during geological mapping and prospecting.

Basalt (BAS)	Dark green, medium grained, porphyritic with 10% plagioclase phenocrysts.
Chlorite Schist (CHS)	Dark green, medium grained, with 90% fibrous chlorite and 10% amphiboles.
Quartzite (CSED)	Dark grey, medium grained, 85% quartz and 15% biotite. Competent unit with weak chlorite alteration.
Sandstone (CSED).	Tan to light grey, fine to medium grained with 1-4mm laminations. >70% quartz, 2-3% biotite and trace-1% chlorite.
Wacke (CSED)	Medium grey to black and white, fine to medium grained, 20-50% quartz, 25-40% feldspars, 20-35% mica (biotite, muscovite, and alteration chlorite and sericite clays). Mineralization is trace-1% pyrite.

Argillite (FSED)	Dark grey to black, very fine grained to aphanitic, with 1-2% blebby pyrite mineralization.
Phyllite (FSED)	Medium to dark grey, very fine to fine grained and intensely foliated. Generally 15-20% biotite and 5 % chlorite. Chlorite alteration is weak.
Ash Tuff (FVOL)	Dark to purplish grey, very fine grained to aphanitic, and intensely foliated (0.5-1mm laminations) to a phyllitic texture. Generally 65-70% quartz, 10-15% feldspars, 10-15% biotite, and trace garnets. These rocks are weakly chlorite, sericite and calcite altered. Mineralization is weak with trace-disseminated pyrite.
Crystal Tuff (FVOL)	Grey, fine to medium grained, strongly foliated with 1-3mm laminations. Grains broken, angular to sub-angular. 40-50% quartz, 10-15% muscovite, 10-25% chlorite, 5% biotite, 5-10% sericite, and trace garnet. Weakly mineralized with 1-3% disseminated pyrite. Chlorite, sericite and silica alteration weak but present.
Lapilli Tuff (FVOL)	Grey, fine to medium grained, moderately foliated with 1-4mm laminations. Rock is porphyritic with 4-7mm phenocrysts of 20-30% quartz, 40% feldspars, 5-10% biotite, and trace amphiboles. Weak to moderate chlorite-sericite alteration and 1-2% disseminated pyrite.
Granite (INTG)	White and black, medium grained, equigranular, 40-55% quartz, 30-35% feldspars, 5-10% hornblende, and trace biotite. Granodiorite.
Ultramafic (INTU)	Olivine-Pyroxene-Ultramafic Flow, black, olivine and pyroxene phyrlic in a dark-mafic to ultramafic aphyric groundmass. 10-15% altered olivine, 0.5-1.2cm, sub-euhedral, white to pale grey, replaced by serpentine and talc? 15-20% pyroxene, most-likely augite, subhedral with inclined twinning. 10-12% black magnetite, fine grained, wispy. Matrix is composed of fine-grained mafics including amphiboles, magnetite, and pyroxene. Overall weak carbonate +/- epidote alteration and an extremely weak deformation fabric. Moderately to strongly magnetic and Trace native copper mineralization.
Sericite Schist (MET)	Light to dark green, fine to aphanitic and moderately foliated. Generally 25-30% sericite, 20-30% quartz, and 25-35% biotite. Variations include quartz poor but sericite rich schist, 80-85% in sericite. Mineralization includes trace prophyroblastic pyrite and 1 % disseminated pyrite.
Intermediate Crystal Tuff (MIVOL)	Purplish grey, medium grained, intensely foliated with 1-2mm laminations. Generally 10-20% mafic minerals, 20-30% quartz, and 30-35% plagioclase. Presumably dacitic in composition.
Mafic Tuff (MIVOL)	Dark grey to greenish grey, very fine grained to aphanitic to porphyritic, moderately foliated to a phyllitic texture with 1-3mm laminations. Prophyritic variations contain 35% 1mm feldspar phenocrysts, > 5-10% biotite, 5-20% chlorite, 3-5% actinolite, and trace garnet. Generally weak to

	moderate calcite alteration. Mineralization varies from trace pyrite, to 2-3% disseminated pyrite, to 5-7% blebby pyrite.
Rhyolite (PRHY)	Light grey, fine grained to porphyritic and massive. Porphyritic variations include 10% phenocrysts of tabular and euhedral feldspars.

Prospecting, Rock and Soil Sampling, and Geologic Mapping – Assays

Rock and soil samples with potential for hosting sulphide mineralizations were sent for assay at ALS-Chemex, 212 Brooksbank Avenue, North Vancouver, British Columbia, V6J. Those collected for archives were documented and stored at the Wolverine Lake camp. Please see Appendix E and F for assay certificates and results. Plotted results for copper, lead, and zinc for rock and soil chemistry are presented in figures 03-09.

Diamond Drilling

Between September 01st and December 31st, four diamond drill holes were completed on the Goal Net Property. The drill hole summaries are stated in Table 03 and 04.

Table 03. Goal Net 2004 diamond drill hole, summary.

DDH	EASTING (meters)	NORTHING (meters)	Elevation (meters)	AZMITH (degrees)	DIP (degrees)	Length of drill hole (meters)
GN04-14	423435	6801370	1550	220	-85	129.0
GN04-15	423435	6801370	1550	20	-45	186.6
GN04-16	423347	6800993	1775	250	-80	375.5
GN04-17	421140	6804330	1750	310	-80	343.5

Table 04. Goal Net 2004 diamond drill hole, dates worked

DDH	Date Started	Date Completed	Claim	Grant #
GN04-14	18-Sep-04	28-Sep-04	GOAL 324	YB87599
GN04-15	29-Sep-04	4-Oct-04	GOAL 324	YB87599
GN04-16	5-Oct-04	28-Oct-04	GOAL 322	YB87597
GN04-17	29-Oct-04	22-Dec-05	NHL 87	YB60763

Diamond Drilling Results

All diamond drill core was logged and stored at Wolverine Lake Camp (61°01'N and longitude 131°20'W). Diamond drill logs are available in Appendix G. Table 05 lists the common rock types found in the diamond drill core. These descriptions correspond to the legend provided on the diamond drill hole cross-sections in figures 14-16.

Table 05. Summary of common rock types observed in diamond drill core.

Felsic Tuff Mottled - FTM	Medium green to dark green, wispy, silica-rich clasts in a black biotite matrix. Clasts 30-40% of unit, ovoid in shape at 0.5-4.0cm in length with irregular, wispy margins. Clasts 50-60% quartz and 30-40% feldspar altered to chlorite. Matrix is 60-70% of rock and composed of 10% fine grained chlorite and medium grained 90% biotite. Both clast and matrix aligned to foliation, hence schistose in texture but overall eutaxitic in appearance. Weak quartz-carbonate alteration with porphyroblastic garnet (5-7%, 0.2-1.5%) associated with clasts. Generally not mineralized. Interpretation: silicified and chloritized rhyolitic pumice in a hyaloclastic or argillitic matrix.
Granular Felsic Tuff - FTG	Grey, coarse grained, feldspar phyrlic. 70% feldspar phenocrysts 0.3-1cm, ovoid in form and aligned to foliation. Supported in a fine grained matrix composed of sericite (5%) and biotite (15%). Overall augen texture but most likely a reworked crystal tuff in a silica-rich matrix.
Tuffaceous Wacke (garnetiferous) - FTGN	Dark grey, fine to medium grained and clastic in appearance. Tr-5% feldspar crystals (<2mm), 20-30% biotite, 40-50% quartz, 1-5% garnets (0.5-1cm large, rotated and elongate), 0-tr% staurolite + others. Thinly laminated, competent and occasionally phyllitic. Weak carbonate alteration +/- green epidote along fracture. Mineralized with 1-2% disseminated pyrite and blebby pyrite. Variations in this unit include a greater percent of garnet (up to 7%), a more phyllitic to schistose texture due to alteration, and the presence of sericite along foliation plane (2-3%). Interpretation: volcaniclastic, reworked felsic to intermediate tuff.
Phyllitic Siltstone - SI	Medium grey, fine grained, thinly to coarsely bedded. 5% biotite, 5-10% chlorite, and 60-70% quartz +/- sericite (tr-1%).
Chlorite-biotite-schist (+/- staurolite & garnet) - SZ	Light and dark green, medium grained, thinly foliated with a wispy and schistose texture. 10-12% chlorite, 30-35% qtz, 40-50% biotite, +/- garnet & staurolite (tr-3%). Staurolites when present are euhedral grains <2mm that overprint the rock fabric. Carbonate is the dominant alteration. Interpretation: derived from a mica/clay rich argillite.
Argillite - SA	Black, very fine gained, thinly foliated, 20%qtz, 70-80% biotite, tr-1% disseminated pyrite.
Graphitic Argillite - SA	Black, very fine grained, phyllitic. 10-15% graphite (slide C), 30-40% qtz, 40-55% fine grained biotite.
Siliceous Argillite - HAS	Siliceous Argillite, dark-grey, very fine grained, thinly laminated (1-1.5mm) with weak crenulations. Silicification patchy and gradational to zones of up to 90% silica. Alteration in this unit includes tr-2% epidote lining fractures, 5-7% fine grained chlorite associated with sericite, 10-12% very fine pearly white ser, and average of 25-35% silica with silica veins 3-4 cm thick. Unaltered rock has a qtz content up to 40%, generally phyllitic to slate-like. Trace graphite.

Ultramafic - Um	Olivine-Pyroxene-Ultramafic Flow, black, olivine and pyroxene phyric in a dark-mafic to ultramafic aphyric groundmass. 10-15% altered olivine, 0.5-1.2cm, sub-euhedral, white to pale grey, replaced by serpentine and talc? 15-20% pyroxene, most-likely augite, subhedral with inclined twinning. 10-12% black magnetite, fine grained, wispy. Matrix composed of fine-grained mafics including amphiboles, magnetite, and pyroxene. Overall weak carbonate +/- epidote alteration and an extremely weak deformation fabric. Moderately to strongly magnetic and trace native copper mineralization.
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4. Discussion and Conclusions

Prospecting and mapping identified similar rock units to those previous previously described in works from 1996 to present. Soil sample lines conducted on Target G (figures 7-9) did not present significant results. However, the results of the mapping allowed field workers to characterize rock units in general, genetic (please see figures 10-12 for interpretations). Field observations show Target I and Target F contain more felsic units (volcaniclastic rocks and those derived from ash tuffs, lapilli tuffs, crystal tuffs, and clastic to fragmental felsic rocks) while Target G and Target K are dominated by highly siliceous sediments and exhalative (coarse and fine biotite-quartz-wacke, siltstones, graphitic mudstones and argillites, and chlorite schists) interbedded with intermediate to mafic volcanic rocks.

Anomalous copper, lead and zinc concentrations were discovered in rock samples DLGNG-09 to DLGNG-13 on Target G. In particular, DLGNG-11 produced assay results of 13.4% zinc, 5.07% lead, 0.34% copper, 40.7 g/t silver and 0.04 g/t gold (see sample M180557 in Appendix F). Upon revisiting the outcrop from which DLGNG-11 was sampled, a massive sulphide horizon was traced 250 m east-west with average surface thickness of 30cm. Named the Thunderstruck horizon, the massive sulphide mineralization comprises 45-50% fine-grained sphalerite, 15% fine-grained galena, 3-5% chalcopyrite and 1-2% pyrrhotite.

Three subsequent diamond drill holes were completed in the immediate area of the mineralized horizon to test extent and thickness over 550 meters down-dip from the surface exposure (GN04-14, 15 & 16). Cross-sections of these diamond drill holes are presented in figures 14 and 15. Although all three drill holes intercepted the mineralized horizon, the true thickness of the horizon did not prove to be more than 20-30cm. The massive sulphide horizon was described as 3-5% galena, 5-7% pyrrhotite (magnetic), 5-10% chalcopyrite, and >60% sphalerite. The mineralized horizon cross cuts grey-phyllitic-siltstone along the upper contact and its lower contact with grey-phyllitic-siltstone is gradational across a 3-4 cm boundary. The unit has bimodal grain distribution, matrix supported and conglomeratic with no indications of deformation (20-25% clasts, 70-75% matrix). Matrix is dark, dense, metallic purple in color, fine grained and composed of 80-90% sphalerite (normalized) with localized concentrations of chalcopyrite (up to 5%, normalized) and galena (up to 2-3%, normalized). No textures visible in the matrix. Clasts are variable and dominated by translucent to milky white quartz "pebbles" 0.5 to 5.0 cm in diameter.

These pebbles are sub-rounded to rounded and poorly sorted. No preferential alignment or oriented grains were visible. Clasts towards the lower end of the size spectrum (<0.5) exhibit angular grain shape and fit more into the "fragmental" or "breccia-clast" classification. Mixed in with these quartz pebbles are lithic clasts derived from the hanging-wall/foot-wall siltstones. The chalcopyrite tends to rim the larger rounded quartz clasts in almost a pressure shadow texture. Temporarily, the mineralized horizon has been logged as a massive sulphide pebble conglomerate. It is suggested that the horizon may have once been 2-3 meters thick and subsequent deformation and shearing has reduced the horizon to 30cm or less over a great distance.

GN04-17 tested a magnetic anomaly unrelated to GN04-14, 15, &16. Figure 16 presents a cross section of this drill hole. The drill hole encountered 169.2 meters of ultramafic rock believed to be a thrust sheet over the area. It is worth noting that the ultramafic unit was not expected to be observed below 1750m in that particular location. Therefore, data suggests there may be late-structures that may have developed and has faulted the ultramafic unit downward in this location. As the ultramafic rock is high in magnetite, the magnetic anomaly was successfully explained. However, GN04-17 proved to be of interest after it intersected sulphide mineralization on three horizons within the stratigraphic column known to host Kudz Ze Kayah and GP4F deposits further to the north, as well as the recently discovered Thunderstruck zone. Assay results returned low concentration of copper, lead and zinc but not enough to characterize the horizons as high-sulphide bearing. Unfortunately, GN04-17 was terminated due to bad weather and no more drill steel to continue the hole.

In summary, attention should be given to characterizing and identifying the extents of the Thunderstruck horizon both on surface and in diamond drill holes. Relationships between the location of the mineralized horizon, its physical properties and data outlining geophysical and geochemical anomalies should be compared and correlated to better determine where future exploration should focus on Target G. It is also recommended that further prospecting be carried out on Target F and Target K as both regions have produced significant soil chemistry in past data and 2004 rock chemistry data, although sparse, do show several areas of higher than background values for copper, lead and zinc.

End of Report

References

Burget, A.

- 1997 Assessment Report describing Geological Mapping, Prospecting, and Soil Geochemistry and Geophysical Surveys on the Goal Net Property in the Watson Lake Mining District, Yukon Territory.

Eaton, W.D.E.

- 1998 Assessment Report describing Geological Mapping, Prospecting, and Soil Geochemistry on the Goal Net Property in the Watson Lake Mining District, Yukon Territory.

Eaton, W.D.E.

- 1999 Assessment Report describing an induced Polarization Survey at the Goal Net Property in the Watson Lake Mining District, Yukon Territory.

Wengzynowski, W.A.

- 1996 Assessment Report describing Prospecting and Geochemical Surveys on the Goal 1-24 (YB56129-YB56152), Net 10-34 (YB56095-YB56128), Net 35-58 (YB59119-YB59142) claims in the Watson Lake Mining District, Yukon Territory.

Wengzynowski, W.A.

- 1999 Assessment Report describing Geological Mapping, Prospecting, and Soil Geochemistry on the Goal Net Property in the Watson Lake Mining District, Yukon Territory.

Wengzynowski, W.A.

- 2000 Assessment Report describing Geological Mapping, Prospecting, Soil Geochemistry, Geophysical Surveys and Diamond Drilling on the Goal Net Property in the Watson Lake Mining District, Yukon Territory.

Appendix A - List of Personnel

Prospecting, Mapping and Soil Sampling:

Name	Position	Period
P. Bui	Geologist	June 01-December 31, 2004
D. Copping	Field Assistant	August 27-September 5, 2004
G. Dessureau	Project Geologist	June 01-December 31, 2004
V. Etzel	Field Assistant	June 8- August 19, 2004
D. Legault	Project Geologist	June 01-November 2, 2004
D. Kowalski	Geotechnician	November 19-December 7, 2004
A. Peter	Field Assistant	June 8-November 5, 2004
R. Savard	Field Assistant/Geotechnician	September 13-October 25, 2004

Appendix B - Statement of Expenditures

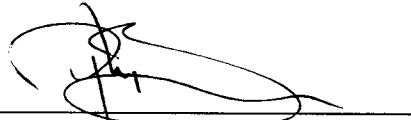
I, Phu Van Bui, an agent for Yukon Zinc Corporation, #701-475 Howe Street, Vancouver, B.C., do solemnly declare that geological prospecting, soil sampling, and logistical support costs for undertakings carried out on the aforementioned claims (see Table 01) between the dates of June 01 & December 31, 2004 were as follows:

Accommodation & Meals	\$37,650.54
Assays/Geochemical Analysis	\$28,167.77
Fixed Wing	\$111,307.73
Helicopter	\$412,927.47
Communications/Telephone	\$37,392.70
Drilling	\$273,594.83
Equipment Rentals	\$21,874.19
Expediting	\$1,510.92
Fuel - Unleaded/100LL	\$3,537.90
Fuel - Propane	\$10,369.65
Fuel - Jet B	\$61,534.49
Fuel - Diesel	\$75,584.76
Geological Consultants	\$115,270.21
Cook/First Aid Attendant	\$17,140.03
Labour	\$10,477.86
Materials & Supplies	\$24,232.70
Supplies	\$18.50
Truck/Ship/Postage/Courier	\$4,771.27
Travel & Freight	\$46.26
Parking/Taxi	\$85.04
Travel Costs	\$8,371.36
Vehicle Maintenance & Insurance	\$1,238.62
Workers' Compensation	\$3,011.63
Warehouse	\$311.92
Safety Supplies	\$901.27
TOTAL	\$1,261,329.62
Drilling (NHL 85)	\$351,065.12
Drilling (GOAL 322, 324)	\$709,359.95
Prospecting, Soil Sampling, and Mapping (based on 788 samples)	\$200,904.55

I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

Declared before me at Vancouver in the Province of British Columbia this 30th day of August, year 2005.

Respectfully Submitted,

A handwritten signature in black ink, appearing to be 'Phu Van Bui', written over a horizontal line.

Phu Van Bui, B.Sc., G.I.T.

Appendix C – Statement of Qualification

I, Phu Van Bui, resident of Vancouver, British Columbia, do certify that:

1. I graduated from the University of British Columbia in May 2004 with a B.Sc. in Earth and Ocean Sciences;
2. From November 2004, I have been registered as a Geologist In Training, G.I.T., with the Association of Professional Engineers and Geosciences of British Columbia (Reg. No. 143538);
3. From 2002 to present, I have been actively engaged in mineral exploration in British Columbia and the Yukon Territory and am presently employed with the Expatriate Group of Companies to which Yukon Zinc Corporation is part of;
4. I have personally participated in the logistical support during the fieldwork and analysis of data for the filed undertakings herein.

Respectfully Submitted,



Phu Van Bui, B.Sc., G.I.T.

Appendix D – Claim Status Report, May 10, 2005. Watson Lake Mining Recorder, YT

Claim Status Report

03 October 2005

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s
GOAL 1 - 10	YB56129 - YB56138	2017/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 11	YB56139	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 12 - 13	YB56140 - YB56141	2017/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 14	YB56142	2018/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 15	YB56143	2017/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 16	YB56144	2018/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 17 - 24	YB56145 - YB56152	2017/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 25 - 26	YB60584 - YB60585	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 27 - 28	YB60586 - YB60587	2016/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 29 - 34	YB60588 - YB60593	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 35 - 42	YB60594 - YB60601	2016/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 43	YB60602	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 44	YB60603	2016/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 45 - 46	YB60604 - YB60605	2018/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R GOAL 47 - 54	YB60606 - YB60613	2020/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 55 - 91	YB60614 - YB60650	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R GOAL 92	YB60651	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
GOAL 93	YB60652	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R GOAL 94	YB60653	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
GOAL 95 - 96	YB63999 - YB64000	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 97 - 98	YB68801 - YB68802	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 99 - 100	YB60654 - YB60655	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 101	YB60656	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 102 - 104	YB60657 - YB60659	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 105 - 106	YB60660 - YB60661	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 107	YB60662	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 108 - 110	YB60663 - YB60665	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 111	YB60666	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 112 - 121	YB60667 - YB60676	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 122 - 125	YB68823 - YB68826	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 126	YB68827	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 127	YB68828	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 128	YB68829	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 129	YB68830	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 130 - 135	YB70481 - YB70486	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 136	YB70487	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 137 - 151	YB70488 - YB70502	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07

Total claims selected : 1251

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- C - Indicates Placer Codiscovery
- B - Indicates Placer Fraction

Claim Status Report

03 October 2005

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s
GOAL 152	YB70503	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 153 - 155	YB70504 - YB70506	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 156	YB70507	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 157	YB70508	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 158	YB70509	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 159 - 160	YB70510 - YB70511	2016/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 161	YB70512	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 162	YB70513	2016/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 163	YB70514	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 164 - 165	YB70515 - YB70516	2016/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08, 105G07
R GOAL 166 - 168	YB70518 - YB70520	2016/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R GOAL 169	YB70556	2016/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R GOAL 170	YB70521	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R GOAL 171	YB70522	2016/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R GOAL 172	YB70523	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R GOAL 173	YB70524	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
GOAL 174	YB70525	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
k GOAL 175	YB70526	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R GOAL 176 - 181	YB70527 - YB70532	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R GOAL 182	YB70517	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R GOAL 183	YB70533	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R GOAL 184 - 185	YB68803 - YB68804	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 186 - 189	YB68805 - YB68808	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07, 105G08
R GOAL 190 - 203	YB68809 - YB68822	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R GOAL 204	YB70474	2025/03/17	TRUE NORTH GEMS INC.	100.00	105G07
GOAL 205 - 210	YB70475 - YB70480	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 211 - 212	YB76787 - YB76788	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 213 - 230	YB76789 - YB76806	2025/03/17	TRUE NORTH GEMS INC.	100.00	105G07
GOAL 231	YB76807	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 232	YB76808	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 233 - 250	YB76809 - YB76826	2025/03/17	TRUE NORTH GEMS INC.	100.00	105G07
GOAL 251	YB76827	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOAL 252 - 270	YB76828 - YB76846	2025/03/17	TRUE NORTH GEMS INC.	100.00	105G07
GOAL 271 - 281	YB76847 - YB76857	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
GOAL 282	YB76858	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07

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Claim Status Report

03 October 2005

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s	
R GOAL 283 - 303	YB77164 - YB77184	2025/03/17	TRUE NORTH GEMS INC.	100.00	105G07	
R GOAL 304 - 319	YB76860 - YB76875	2025/03/17	TRUE NORTH GEMS INC.	100.00	105G07	
R GOAL 320	YB87595	2011/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08	
R GOAL 321	YB87596	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08	
R GOAL 322 - 335	YB87597 - YB87610	2011/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08	
R GOALIE 1 - 208	YC24978 - YC25185	2007/08/03	EXPATRIATE RESOURCES LTD.	100.00	105H05, 105H12, 105G08	
R GOALIE 209	YC25186	2007/08/03	EXPATRIATE RESOURCES LTD.	100.00	105G08	P
R GOALIE 210	YC25187	2007/08/03	EXPATRIATE RESOURCES LTD.	100.00	105G08	
R GOALIE 211 - 272	YC25297 - YC25358	2007/09/23	EXPATRIATE RESOURCES LTD.	100.00	105H05, 105G08	
GOALIE 273 - 302	YC29124 - YC29153	2006/08/04	YUKON ZINC CORPORATION	100.00	105H05	
R GOON 1 - 6	YB76681 - YB76686	2016/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08	
R GOON 7	YB76687	2018/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08	
R GOON 8	YB76688	2016/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08	
R GOON 9	YB76689	2018/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08	
R GOON 10	YB76690	2016/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08	
GOON 11	YB76691	2017/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08	
R GOON 12	YB76692	2016/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08	
R GOON 13 - 16	YB76693 - YB76696	2018/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08	
R GOON 17 - 28	YB76697 - YB76708	2011/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08, 105G07	
GOON 29	YB76709	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	
R GOON 30	YB76710	2011/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	
GOON 31 - 33	YB76711 - YB76713	2011/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	
R GOON 34 - 38	YB76714 - YB76718	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	
R GOON 39	YB76719	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	
R GOON 40 - 43	YB76720 - YB76723	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	
R GOON 44	YB76724	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	
R GOON 45	YB76725	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	
R GOON 46	YB76726	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	
R GOON 47 - 68	YB76727 - YB76748	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	
R GOON 69 - 70	YB76749 - YB76750	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	
R GOON 71 - 76	YB76751 - YB76756	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	
R GOON 77	YB76757	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	F
R GOON 78	YB76758	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	
R GOON 79	YB76759	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07	F

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03 October 2005

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R GOON 80 - 81	YB76760 - YB76761	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOON 82	YB76762	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOON 83 - 84	YB76763 - YB76764	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOON 85 - 106	YB76765 - YB76786	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOON 107 - 136	YB76876 - YB76905	2010/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R GOON 137	YB92719	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R GOON F 138	YB92720	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 1	YB56095	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NET 2	YB56096	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 3 - 14	YB56097 - YB56108	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NET 15 - 16	YB56109 - YB56110	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 17 - 34	YB56111 - YB56128	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 35 - 58	YB59119 - YB59142	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 59 - 72	YB60984 - YB60997	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 73 - 124	YB63472 - YB63523	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 125 - 126	YB63930 - YB63931	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NET 127 - 140	YB63932 - YB63945	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08, 105G07
NET 141	YB63524	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 142	YB63525	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NET 143 - 156	YB63526 - YB63539	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08, 105G07
NET 157 - 158	YB70431 - YB70432	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 159	YB70433	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NET 160	YB70434	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 161 - 164	YB70435 - YB70438	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NET 165	YB70439	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 166 - 169	YB70440 - YB70443	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NET 170	YB70444	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 171 - 177	YB70445 - YB70451	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NET 178	YB70452	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 179 - 183	YB70453 - YB70457	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NET 184	YB70458	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 185	YB70459	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NET 186	YB70460	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 187	YB70461	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NET 188 - 195	YB70462 - YB70469	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08, 105G07

Total claims selected : 1251

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Claim Status Report

03 October 2005

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NET 196	YB70557	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
NET 197 - 199	YB70470 - YB70472	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
NET 200	YB70473	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NET 201 - 204	YB78690 - YB78693	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 205 - 206	YB78694 - YB78695	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NET 207 - 214	YB78696 - YB78703	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 1	YB60677	2007/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 2	YB60678	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 3	YB60679	2007/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 4	YB60680	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 5	YB60681	2007/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 6	YB60682	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 7	YB60683	2007/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 8	YB60684	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 9	YB60685	2007/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 10 - 20	YB60686 - YB60696	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 21 - 24	YB60697 - YB60700	2007/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
NHL 25	YB60701	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 26	YB60702	2007/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 27	YB60703	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 28	YB60704	2007/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 29	YB60705	2009/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
NHL 30	YB60706	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 31 - 36	YB60707 - YB60712	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
NHL 37 - 38	YB60713 - YB60714	2011/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
NHL 39 - 40	YB60715 - YB60716	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 41 - 46	YB60717 - YB60722	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NHL 47	YB60723	2011/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 48	YB60724	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NHL 49	YB60725	2011/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 50	YB60726	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NHL 51	YB60727	2011/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 52	YB60728	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 53 - 58	YB60729 - YB60734	2014/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 59 - 78	YB60735 - YB60754	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 79 - 82	YB60755 - YB60758	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 83	YB60759	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08

F

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R NHL 84	YB60760	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 85	YB60761	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 86	YB60762	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 87	YB60763	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 88	YB60764	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 89	YB60765	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 90	YB60766	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 91	YB60767	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 92	YB60768	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 93	YB60769	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 94	YB60770	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 95 - 98	YB60771 - YB60774	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 99 - 112	YB60775 - YB60788	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 113 - 116	YB60789 - YB60792	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 117 - 138	YB60793 - YB60814	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 139 - 144	YB60815 - YB60820	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
NHL 145	YB60821	2006/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
NHL 146 - 148	YB60822 - YB60824	2007/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 149 - 152	YB68845 - YB68848	2007/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 153 - 158	YB68831 - YB68836	2007/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
R NHL 159 - 166	YB68837 - YB68844	2012/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 167 - 172	YB89561 - YB89566	2013/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
R NHL 173 - 176	YB89567 - YB89570	2015/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G08
OVERTIME 1 - 50	YB60534 - YB60583	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07
OVERTIME 51 - 86	YB61522 - YB61557	2008/03/17	EXPATRIATE RESOURCES LTD.	100.00	105G07

Criteria(s) used for search:

CLAIM NAME: GOAL, GOON, NET, NHL, OVERTIME CLAIM STATUS: ACTIVE & PENDING REGULATION TYPE: QUARTZ

Left column indicator legend:

- R - Indicates the claim is on one or more pending renewal(s).
- P - Indicates the claim is pending.

Right column indicator legend:

- L - Indicates the Quartz Lease.
- F - Indicates Full Quartz fraction (25+ acres)
- P - Indicates Partial Quartz fraction (<25 acres)
- D - Indicates Placer Discovery
- C - Indicates Placer Codiscovery
- B - Indicates Placer Fraction

Total claims selected : 1251

Appendix E – Assay Certificates for Soil Samples

CERTIFICATE VA04062058

Project: 1638

P.O. No.:

This report is for 65 Soil samples submitted to our lab in Vancouver, BC, Canada on 13-SEP-2004.

The following have access to data associated with this certificate:

JASON DUNNING

ACCOUNTS PAYABLE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
AU-GRA21	Au 30g FA-GRAY finish	WST-SIM
AU-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

To: EXPATRIATE RESOURCES LTD.
ATTN: JASON DUNNING
701-475 HOWE ST
VANCOUVER BC V6C 2B3

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



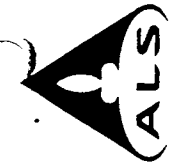
212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

Project: 1638

CERTIFICATE OF ANALYSIS VA04062058

Method Analyte Units LOR	Sample Description	WEL-21 Recvd Wt. kg	Au-AA23 Au ppm	Au-AA23 Au Check ppm	Au-AA23 Au Check ppm	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Au ppm	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm
M243351		0.22	<0.005	0.005	0.005	0.05	<0.5	<5	5	10	0.5	<2	0.01	0.5	1	1
M243352		0.24	<0.005				<0.5	<5	<5	1400	1.9	<2	1.46	0.6	14	118
M243353		0.18	<0.005				<0.5	<5	<5	1280	1.6	<2	1.10	<0.5	9	108
M243354		0.18	<0.005				<0.5	6	6	1280	3.0	<2	1.17	<0.5	10	78
M243355		0.22	0.013				<0.5	<5	<5	1160	3.3	<2	0.89	<0.5	14	88
M243356		0.24	<0.005				<0.5	<5	<5	1200	2.8	<2	0.77	0.7	14	84
M243357		0.24	<0.005				<0.5	<5	<5	1160	6.2	<2	0.93	0.7	15	88
M243358		0.12	<0.005				<0.5	<5	<5	1300	4.1	<2	0.41	0.8	15	124
M243359		0.14	<0.005				0.5	21	7	1120	3.5	<2	0.82	1.0	18	99
M243360		0.14	<0.005				0.6	<5	<5	1120	2.9	<2	0.65	0.6	16	91
M243361		0.12	<0.005				0.6	<5	<5	910	3.6	<2	0.57	3.1	12	66
M243362		0.18	<0.005				<0.5	<5	<5	1200	4.7	<2	0.42	5.1	9	56
M243363		0.14	<0.005				<0.5	<5	<5	1080	6.8	<2	2.3	2.3	22	70
M243364		0.20	<0.005				<0.5	7	7	1080	3.9	<2	0.66	<0.5	15	70
M243365		0.16	<0.005				<0.5	<5	<5	1030	5.7	<2	0.74	0.6	10	73
M243366		0.18	<0.005				<0.5	<5	<5	1010	5.9	<2	0.94	1.7	13	57
M243367		0.14	<0.005				<0.5	10	10	1120	4.5	<2	1.06	<0.5	20	78
M243368		0.20	<0.005				0.6	25	25	1920	7.1	<2	0.89	1.0	15	74
M243369		0.14	0.013				0.6	10	10	1230	3.8	<2	0.67	1.2	10	75
M243370		0.14	0.005				<0.5	<5	<5	770	4.8	<2	0.84	1.4	12	73
M243371		0.14	<0.005				<0.5	<5	<5	1080	5.2	<2	0.99	1.0	15	63
M243372		0.16	<0.005				<0.5	<5	<5	1080	2.8	<2	0.79	1.3	18	67
M243373		0.18	<0.005				<0.5	<5	<5	1530	4.8	<2	1.14	2.6	18	44
M243374		0.18	<0.005				<0.5	15	15	1320	4.0	<2	0.95	3.1	12	56
M243375		0.20	0.005				<0.5	<5	<5	970	2.9	<2	0.61	0.8	7	54
M243376		0.14	<0.005				<0.5	<5	<5	560	4.0	<2	0.65	<0.5	5	36
M243377		0.18	<0.005				<0.5	<5	<5	1120	5.3	<2	0.54	<0.5	3	17
M243378		0.22	0.009				<0.5	<5	<5	1620	5.2	<2	0.84	0.7	13	40
M243379		0.26	<0.005				<0.5	6	6	1200	4.5	<2	0.92	1.7	18	54
M243380		0.14	0.123	<0.005	<0.005		<0.5	<5	<5	840	2.2	<2	0.75	0.8	13	44
M243381		0.26	2.48	<0.005	<0.005		<0.5	<5	<5	1040	2.8	<2	1.76	<0.5	8	37
M243382		0.26	<0.005	0.011			<0.5	<5	<5	1020	3.6	<2	1.22	<0.5	6	42
M243383		0.18	0.006				<0.5	<5	<5	1060	3.7	<2	1.08	0.5	5	46
M243401		0.32	<0.005				<0.5	8	8	1370	2.2	<2	1.02	<0.5	10	44
M243402		0.38	<0.005				<0.5	<5	<5	1300	2.1	<2	1.05	0.7	11	103
M243403		0.44	<0.005				<0.5	<5	<5	1600	1.7	<2	1.22	0.8	13	119
M243404		0.38	<0.005				<0.5	<5	<5	1220	3.0	<2	1.36	0.6	13	157
M243405		0.36	<0.005				<0.5	<5	<5	1280	3.3	<2	1.14	0.6	28	103
M243406		0.36	<0.005				<0.5	<5	<5	1100	3.3	<2	0.86	<0.5	16	90
M243407		0.34	<0.005				<0.5	10	10	1120	3.7	<2	0.54	<0.5	15	67
							<0.5	<2	<2			<2	0.91	<0.5	17	68

Comments: Due to sample type, some samples in this set exhibit Au nugget effect.



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VANCOUVER BC V6C 2B3

Page: 2 - B
Total # Pages: 3 (A - C)
Finalized Date: 28-SEP-2004
Account: MPO

Project: 1638

CERTIFICATE OF ANALYSIS VA04062058

Sample Description	Method Analyte Units LOR	ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61	
		Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sr ppm	Sb ppm	S %	Ti ppm	V ppm	Zn ppm	As ppm	Se ppm	Br ppm	Hg ppm	Mn ppm	Pb ppm
M243351		51	4.36	2.10	1.60	722	2	0.80	62	1710	20	<5	0.05	138	140	0.57	138	140	0.57	138	140	0.57	138
M243352		29	3.68	1.72	1.14	523	2	0.79	45	1540	18	<5	0.10	122	138	0.50	122	138	0.50	122	138	0.50	122
M243353		30	4.18	2.04	1.34	642	1	0.94	34	1230	15	<5	0.04	141	137	0.64	141	137	0.64	141	137	0.64	141
M243354		21	4.89	2.20	1.03	1350	2	0.85	33	1240	19	<5	0.06	107	144	0.67	107	144	0.67	107	144	0.67	107
M243355		25	5.58	2.31	1.24	1120	2	0.65	30	1160	19	<5	0.05	109	154	0.70	109	154	0.70	109	154	0.70	109
M243356		31	5.28	2.19	1.16	1105	2	0.66	32	1440	16	<5	0.07	112	155	0.64	112	155	0.64	112	155	0.64	112
M243357		28	4.83	3.19	0.99	2040	3	0.33	31	1000	53	<5	0.04	75	133	0.60	75	133	0.60	75	133	0.60	75
M243358		26	5.57	3.15	1.36	1945	3	0.48	30	1510	34	<5	0.14	84	146	0.65	84	146	0.65	84	146	0.65	84
M243359		26	4.64	2.79	1.06	1855	4	0.50	27	1400	72	<5	0.14	84	127	0.62	84	127	0.62	84	127	0.62	84
M243360		23	4.97	3.10	0.96	909	3	0.50	14	1000	69	<5	0.10	85	146	0.75	85	146	0.75	85	146	0.75	85
M243361		31	5.06	3.11	0.64	1205	5	0.34	16	970	41	<5	0.08	67	134	0.65	67	134	0.65	67	134	0.65	67
M243362		46	8.82	3.19	0.52	3050	11	0.27	22	1390	42	<5	0.06	75	142	0.77	75	142	0.77	75	142	0.77	75
M243363		22	6.38	3.31	1.33	1455	3	0.39	27	930	29	<5	0.05	82	139	0.73	82	139	0.73	82	139	0.73	82
M243364		28	5.52	3.48	1.06	897	3	0.57	23	700	42	<5	0.07	96	140	0.78	96	140	0.78	96	140	0.78	96
M243365		30	5.51	3.19	1.02	2300	3	0.48	18	1700	45	<5	0.11	80	118	0.63	80	118	0.63	80	118	0.63	80
M243366		28	5.96	3.37	1.48	1245	3	0.51	31	1100	32	<5	0.04	88	143	0.78	88	143	0.78	88	143	0.78	88
M243367		23	8.02	3.90	1.22	1230	3	0.46	27	750	41	<5	0.05	91	157	0.89	91	157	0.89	91	157	0.89	91
M243368		45	7.50	3.16	1.10	1115	7	0.31	34	2240	132	<5	0.27	92	206	0.58	92	206	0.58	92	206	0.58	92
M243369		64	5.76	3.22	0.99	1750	5	0.42	22	1370	47	<5	0.12	85	154	0.77	85	154	0.77	85	154	0.77	85
M243370		28	5.16	2.94	1.34	1010	2	0.34	23	1980	43	<5	0.13	73	142	0.70	73	142	0.70	73	142	0.70	73
M243371		48	5.68	3.45	1.20	1365	4	0.44	25	1710	56	<5	0.09	77	144	0.71	77	144	0.71	77	144	0.71	77
M243372		26	3.28	2.51	0.64	2380	3	1.00	15	2420	38	<5	0.12	198	144	0.50	198	144	0.50	198	144	0.50	198
M243373		53	4.99	3.07	1.03	1490	3	0.80	21	950	36	<5	0.07	104	146	0.70	104	146	0.70	104	146	0.70	104
M243374		29	4.55	3.28	0.75	843	3	0.54	16	1170	50	<5	0.05	83	127	0.64	83	127	0.64	83	127	0.64	83
M243375		23	3.77	3.13	0.68	529	2	0.77	11	1360	31	<5	0.05	152	85	0.50	152	85	0.50	152	85	0.50	152
M243376		19	2.82	1.71	0.38	364	2	0.47	6	2070	15	<5	0.14	57	45	0.28	57	45	0.28	57	45	0.28	57
M243377		39	4.51	3.90	0.91	1115	3	0.56	17	1260	47	<5	0.05	86	88	0.56	86	88	0.56	86	88	0.56	86
M243378		163	5.81	3.61	1.30	1615	3	0.52	25	1180	47	<5	0.05	83	122	0.61	83	122	0.61	83	122	0.61	83
M243379		77	4.34	3.83	0.99	986	3	0.55	20	840	46	<5	0.05	88	101	0.59	88	101	0.59	88	101	0.59	88
M243380		32	3.74	1.93	1.13	578	2	1.68	14	1170	23	<5	0.06	350	111	0.53	350	111	0.53	350	111	0.53	350
M243381		19	3.12	2.22	0.77	540	1	1.18	8	680	25	<5	0.02	170	88	0.55	170	88	0.55	170	88	0.55	170
M243382		27	3.21	2.13	0.78	569	1	1.06	14	1260	22	<5	0.03	150	98	0.49	150	98	0.49	150	98	0.49	150
M243383		32	4.15	2.31	0.93	661	2	1.04	16	570	19	<5	0.01	134	100	0.53	134	100	0.53	134	100	0.53	134
M243401		65	4.28	2.17	1.32	596	1	0.67	57	1820	25	<5	0.09	118	147	0.53	118	147	0.53	118	147	0.53	118
M243402		49	4.43	1.93	1.42	675	2	0.75	60	1900	22	<5	0.08	119	152	0.55	119	152	0.55	119	152	0.55	119
M243403		37	3.97	1.74	1.36	679	2	0.60	67	2410	19	<5	0.13	92	177	0.58	92	177	0.58	92	177	0.58	92
M243404		34	7.64	2.44	1.85	1700	2	0.79	35	1560	24	<5	0.04	112	234	0.86	112	234	0.86	112	234	0.86	112
M243405		21	6.55	2.73	1.60	1510	1	0.64	29	1260	15	<5	0.03	108	193	0.94	108	193	0.94	108	193	0.94	108
M243406		20	5.72	2.89	1.26	1125	2	0.45	24	1330	18	<5	0.07	74	141	0.75	74	141	0.75	74	141	0.75	74
M243407		22	6.25	2.77	1.64	1395	2	0.71	26	1340	14	<5	0.03	106	175	0.75	106	175	0.75	106	175	0.75	106

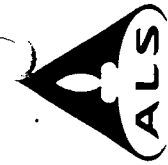
Comments: Due to sample type, some samples in this set exhibit Au nugget effect.

Project: 1638

CERTIFICATE OF ANALYSIS VA04062058

Sample Description	Method Analyte Units LOR	ME-ICP61	
		W ppm 10	Zn ppm 2
M243351		<10	153
M243352		<10	99
M243353		<10	103
M243354		10	100
M243355		<10	115
M243356		10	116
M243357		<10	62
M243358		10	102
M243359		<10	205
M243360		<10	264
M243361		10	193
M243362		10	579
M243363		10	253
M243364		10	226
M243365		20	178
M243366		10	180
M243367		20	204
M243368		10	333
M243369		10	206
M243370		<10	222
M243371		<10	297
M243372		10	234
M243373		<10	350
M243374		10	186
M243375		10	132
M243376		<10	83
M243377		10	246
M243378		<10	371
M243379		10	282
M243380		<10	109
M243381		<10	88
M243382		<10	106
M243383		10	130
M243401		<10	174
M243402		<10	167
M243403		10	104
M243404		<10	152
M243405		<10	109
M243406		<10	93
M243407		<10	106

Comments: Due to sample type, some samples in this set exhibit Au nugget effect.



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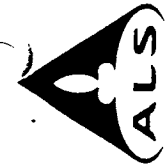
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 Total # Pages: 3 (A - C)
 Finalized Date: 28-SEP-2004
 Account: MPO

Project: 1638

CERTIFICATE OF ANALYSIS VA04062058

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	Au-AA23 Au Check ppm	Au-AA23 Au ppm	Au-AA23 Au Check ppm	Au-AA23 Au ppm	Au-AA23 Au Check ppm	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Au %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm
M243408		0.24	<0.005		<0.5	6.75	7.10	<5	910	2.8	1.11	<2	<2	0.5	<2	1.11	<0.5	13	50
M243409		0.32	0.006		<0.5	7.17	7.16	<5	1020	3.2	0.73	<2	<2	0.5	<2	0.73	<0.5	14	58
M243410		0.30	>10.0	<0.05	<0.5	8.17	6.66	18	1080	4.0	0.58	<2	<2	0.5	<2	0.58	0.7	14	82
M243411		0.32	0.007		<0.5	8.11	7.20	5	920	4.1	0.27	<2	<2	0.5	<2	0.27	1.3	15	48
M243412		0.30	0.037		<0.5	7.44	7.65	<5	840	5.2	0.37	<2	<2	0.5	<2	0.37	2.0	21	64
M243413		0.18	<0.005		<0.5	7.10	7.10	<5	1160	5.0	0.73	<2	<2	0.5	<2	0.73	1.0	18	77
M243414		0.32	<0.005		<0.5	7.16	7.16	10	1090	3.6	0.55	<2	<2	0.5	<2	0.55	0.6	13	73
M243415		0.26	<0.005		<0.5	6.66	6.66	<5	940	4.1	0.62	<2	<2	0.5	<2	0.62	<0.5	11	61
M243416		0.28	<0.005		<0.5	7.20	7.20	<5	1040	3.6	0.73	<2	<2	0.5	<2	0.73	0.9	16	57
M243417		0.28	<0.005		<0.5	7.65	7.65	<5	870	8.5	1.88	<2	<2	0.5	<2	1.88	<0.5	26	42
M243418		0.32	<0.005		<0.5	7.09	7.09	<5	910	5.6	0.94	<2	<2	0.5	<2	0.94	<0.5	13	68
M243419		0.26	<0.005		<0.5	7.62	7.62	<5	1000	5.8	1.11	<2	<2	0.5	<2	1.11	<0.5	22	72
M243420		0.26	<0.005		<0.5	6.63	6.63	<5	1080	3.3	1.06	<2	<2	0.5	<2	1.06	2.4	10	62
M243421		0.36	<0.005		<0.5	6.79	6.79	7	1280	3.4	0.77	<2	<2	0.5	<2	0.77	1.2	11	59
M243422		0.36	<0.005		<0.5	6.31	6.31	5	1260	3.3	0.80	<2	<2	0.5	<2	0.80	4.9	14	62
M243423		0.36	<0.005		<0.5	6.59	6.59	12	1260	4.1	0.69	<2	<2	0.5	<2	0.69	<0.5	9	47
M243424		0.22	<0.005		<0.5	6.20	6.20	5	920	4.3	0.93	<2	<2	0.5	<2	0.93	1.1	19	46
M243425		0.26	<0.005		<0.5	6.01	6.01	<5	1040	2.9	0.65	<2	<2	0.5	<2	0.65	<0.5	7	48
M243426		0.30	<0.005		<0.5	6.38	6.38	<5	1020	2.5	0.55	<2	<2	0.5	<2	0.55	<0.5	2	39
M243427		0.36	<0.005		<0.5	7.03	7.03	<5	1310	3.8	0.90	<2	<2	0.5	<2	0.90	<0.5	16	59
M243428		0.48	<0.005		<0.5	7.08	7.08	<5	1360	6.1	1.36	<2	<2	0.5	<2	1.36	3.2	21	64
M243429		0.38	<0.005		<0.5	7.58	7.58	<5	1060	4.7	1.14	<2	<2	0.5	<2	1.14	<0.5	10	52
M243430		0.30	<0.005		<0.5	6.93	6.93	<5	1000	3.4	1.18	<2	<2	0.5	<2	1.18	<0.5	8	44
M243431		0.32	<0.005		<0.5	7.45	7.45	<5	1060	4.7	0.97	<2	<2	0.5	<2	0.97	<0.5	4	56
M243432		0.42	<0.005		<0.5	6.28	6.28	<5	970	3.5	1.02	<2	<2	0.5	<2	1.02	<0.5	7	43

Comments: Due to sample type, some samples in this set exhibit Au nugget effect.



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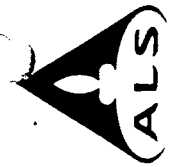
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 Account: MPO

Project: 1638

CERTIFICATE OF ANALYSIS VA04062058

Method Analyte Units LOR	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 K % 0.01	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1
M243408	17	5.68	2.26	1.49	1035	1	0.65	19	1870	11	0.09	<5	85	0.77	158
M243409	22	4.84	2.81	1.08	1340	2	0.55	24	1340	14	0.08	<5	82	0.65	132
M243410	34	5.84	2.93	0.87	1080	6	0.49	24	780	147	0.13	<5	94	0.63	147
M243411	42	4.92	3.41	0.43	1325	9	0.28	15	1100	101	0.15	<5	99	0.64	128
M243412	24	6.22	2.74	0.57	1910	6	0.12	20	1500	26	0.11	<5	50	0.68	144
M243413	24	6.08	3.26	1.40	1795	4	0.33	21	1210	28	0.08	<5	78	0.79	165
M243414	25	5.37	3.31	1.02	782	3	0.52	23	530	55	0.06	<5	96	0.79	151
M243415	26	5.30	3.06	0.88	1930	3	0.55	28	830	31	0.05	<5	90	0.59	110
M243416	23	4.59	3.48	0.86	2960	2	0.60	19	1360	39	0.08	<5	95	0.70	118
M243417	34	8.18	3.51	2.55	1310	2	0.41	25	2360	19	0.03	<5	97	1.24	215
M243418	35	6.47	3.74	1.22	805	3	0.42	25	910	40	0.06	<5	79	0.90	162
M243419	44	6.28	3.91	1.54	1115	3	0.46	28	1020	45	0.07	<5	91	0.91	166
M243420	29	4.24	3.65	1.10	778	3	0.52	21	1040	36	0.12	<5	96	0.76	130
M243421	30	4.44	3.71	0.96	1235	3	0.57	18	550	43	0.06	<5	90	0.76	131
M243422	37	4.28	3.25	0.84	1525	5	0.59	19	870	59	0.07	<5	92	0.65	129
M243423	35	4.47	3.51	0.73	602	4	0.48	20	610	57	0.07	<5	97	0.63	124
M243424	36	4.35	2.82	0.89	2430	3	0.66	18	2310	38	0.09	<5	130	0.58	116
M243425	27	3.66	2.80	0.56	688	2	0.62	15	2070	43	0.06	<5	117	0.55	102
M243426	13	2.51	2.94	0.52	405	2	0.65	10	1420	27	0.04	<5	93	0.54	86
M243427	60	5.16	2.96	1.15	1055	3	0.66	27	1500	58	0.07	<5	106	0.63	132
M243428	182	5.84	2.71	1.68	1460	3	0.74	36	1240	53	0.09	<5	99	0.66	138
M243429	50	4.36	2.95	1.04	726	1	1.02	18	1110	33	0.03	<5	132	0.56	98
M243430	37	3.68	2.23	0.86	770	1	1.29	15	1310	27	0.05	<5	198	0.49	87
M243431	32	2.92	2.29	0.76	450	2	1.14	15	1360	29	0.03	<5	158	0.48	94
M243432	34	4.25	2.17	0.71	623	3	0.98	18	760	25	0.03	<5	126	0.51	90

Comments: Due to sample type, some samples in this set exhibit Au nugget effect.



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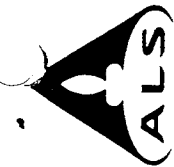
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 Account: MPO

Project: 1638

CERTIFICATE OF ANALYSIS VA04062058

Sample Description	Method Analyte Units LOR	ME-ICP61		ME-ICP61	
		W ppm 10	Zn ppm 2	W ppm 10	Zn ppm 2
M243408		<10	84		
M243409		10	86		
M243410		<10	376		
M243411		20	353		
M243412		10	455		
M243413		20	283		
M243414		10	206		
M243415		10	170		
M243416		10	148		
M243417		10	210		
M243418		10	188		
M243419		20	224		
M243420		10	172		
M243421		<10	211		
M243422		<10	319		
M243423		10	240		
M243424		10	257		
M243425		<10	150		
M243426		10	80		
M243427		<10	291		
M243428		20	1020		
M243429		<10	174		
M243430		<10	143		
M243431		<10	126		
M243432		<10	119		

Comments: Due to sample type, some samples in this set exhibit Au nugget effect.



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CERTIFICATE VA04075796

Project: 1638-G

P.O. No.:

This report is for 45 Soil samples submitted to our lab in Vancouver, BC, Canada on 29-OCT-2004.

The following have access to data associated with this certificate:

JASON DUNNING

ACCOUNTS PAYABLE

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Red w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

RECEIVED
 NOV 15 2004

To: EXPATRIATE RESOURCES LTD.
 ATTN: JASON DUNNING
 701-475 HOWE ST
 VANCOUVER BC V6C 2B3

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Jason Dunning

Signature:

Project: 1638-G

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CERTIFICATE OF ANALYSIS VA04075796

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	Au-AA23 Au Check ppm	Au-AA23 Au Check ppm	ME-ICP61 Ag ppm	ME-ICP61 Au %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm
M243201		0.20	<0.005	0.005	0.005	<0.5	7.82	5	10	1.4	<2	2.31	<0.5	22	210	28
M243202		0.18	<0.005	0.005	0.005	<0.5	7.67	5	610	1.7	2	2.91	<0.5	17	114	16
M243203		0.14	<0.005	0.005	0.005	<0.5	7.21	15	840	1.8	<2	1.77	<0.5	13	112	17
M243204		0.06	<0.005	0.005	0.005	<0.5	7.60	8	830	1.2	2	1.84	<0.5	4	7	18
M243205		0.16	<0.005	0.005	0.005	<0.5	7.78	14	880	2.7	2	1.84	<0.5	14	88	31
M243206		0.40	<0.005	0.005	0.005	<0.5	6.80	<5	900	2.4	<2	2.03	<0.5	13	102	28
M243207		0.14	<0.005	0.005	0.005	<0.5	7.51	<5	1910	2.1	<2	1.89	<0.5	12	130	20
M243208		0.12	<0.005	0.005	0.005	<0.5	5.57	8	770	1.4	2	2.11	0.5	17	83	31
M243209		0.16	<0.005	0.005	0.005	<0.5	7.25	<5	470	2.0	2	2.87	<0.5	13	131	17
M243210		0.20	<0.005	0.005	0.005	<0.5	7.98	<5	520	1.6	4	2.67	<0.5	16	138	17
M243211		0.10	<0.005	0.005	0.005	<0.5	7.06	<5	580	1.3	3	1.92	<0.5	17	93	14
M243212		0.20	<0.005	0.005	0.005	<0.5	7.23	7	1160	1.6	<2	1.93	<0.5	10	118	9
M243213		0.22	<0.005	0.005	0.005	<0.5	6.81	10	890	1.5	<2	1.88	<0.5	7	52	18
M243214		0.16	<0.005	0.005	0.005	<0.5	5.68	<5	870	1.7	<2	1.84	<0.5	8	67	19
M243215		0.42	<0.005	0.005	0.005	<0.5	6.82	8	920	2.2	<2	2.03	<0.5	9	134	37
M243216		0.62	<0.005	0.005	0.005	<0.5	6.81	5	720	1.8	<2	1.93	<0.5	10	104	15
M243217		0.38	<0.005	0.005	0.005	<0.5	6.07	8	880	1.9	<2	1.56	<0.5	11	77	8
M243218		0.42	<0.005	0.005	0.005	<0.5	6.50	<5	870	2.2	<2	1.94	0.7	14	94	20
M243219		0.42	<0.005	0.005	0.005	<0.5	5.67	<5	780	1.8	<2	1.74	0.5	8	57	23
M243220		0.48	<0.005	0.005	0.005	<0.5	6.42	<5	800	2.3	<2	2.10	0.5	9	82	11
M243221		0.56	<0.005	0.005	0.005	<0.5	7.17	<5	930	2.4	<2	2.41	<0.5	13	101	19
M243222		0.40	<0.005	0.005	0.005	<0.5	6.84	<5	790	2.3	<2	2.54	<0.5	13	119	19
M243223		0.34	<0.005	0.005	0.005	<0.5	7.11	<5	760	2.5	<2	2.53	<0.5	13	107	14
M243224		0.26	<0.005	0.005	0.005	<0.5	8.19	5	400	1.5	<2	4.69	<0.5	20	159	35
M243225		0.42	<0.005	0.005	0.005	<0.5	7.38	5	1140	5.9	<2	1.68	<0.5	17	195	38
M243226		0.34	<0.005	0.005	0.005	<0.5	7.35	<5	1110	4.9	<2	1.26	<0.5	11	113	23
M243227		0.52	<0.005	0.005	0.005	<0.5	7.58	<5	960	4.1	3	1.86	<0.5	13	123	14
M243228		0.34	<0.005	0.005	0.005	0.6	8.16	9	1630	3.6	2	1.36	<0.5	23	135	89
M243229		0.36	<0.005	0.005	0.005	<0.5	7.63	<5	870	1.6	<2	3.49	<0.5	22	142	21
M243230		0.34	<0.005	0.005	0.005	0.5	8.53	<5	1300	5.4	4	1.08	<0.5	15	69	80
M243231		0.52	<0.005	0.005	0.005	<0.5	7.84	6	2430	5.5	3	1.76	<0.5	34	175	105
M243232		0.44	<0.005	0.005	0.005	<0.5	7.86	13	1980	4.8	2	0.97	<0.5	18	96	154
M243233		0.34	<0.005	0.005	0.005	<0.5	7.71	13	2550	4.4	3	1.20	<0.5	25	186	84
M243234		0.40	<0.005	0.005	0.005	0.6	7.30	22	1860	3.9	2	1.97	<0.5	31	244	91
M243235		0.52	<0.005	0.005	0.005	<0.5	6.04	<5	2300	1.6	3	1.96	<0.5	12	109	16
M243236		0.56	0.681	<0.005	<0.005	<0.5	6.31	7	2210	2.3	2	1.68	<0.5	16	114	41
M243237		0.44	<0.005	0.005	0.005	<0.5	7.19	5	1410	2.7	2	2.65	<0.5	18	110	58
M243238		0.34	<0.005	0.005	0.005	<0.5	7.57	10	1270	1.7	<2	2.47	<0.5	26	167	69
M243239		0.42	<0.005	0.005	0.005	<0.5	7.84	<5	1220	1.9	2	3.02	<0.5	30	271	68
M243240		0.34	<0.005	0.005	0.005	<0.5	7.97	<5	1240	2.7	2	2.59	<0.5	29	159	110

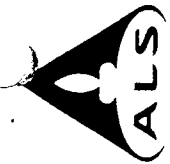
Comments: Sample M243236 exhibits possible gold nugget effect.

Project: 1638-G

CERTIFICATE OF ANALYSIS VA04075796

Method Analyte Units LOR	ME-ICP61 Fe % 0.01	ME-ICP61 K % 0.01	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10
M243201	5.17	1.26	3.06	630	<1	1.72	72	900	6	0.04	<5	248	0.58	140	<10
M243202	4.95	1.20	2.94	721	<1	2.12	34	1150	4	0.02	<5	294	0.86	160	<10
M243203	4.51	1.86	1.98	589	<1	1.50	40	920	7	0.01	<5	206	0.63	143	<10
M243204	1.82	2.23	0.59	415	1	2.87	5	760	4	0.02	<5	586	0.22	41	<10
M243205	5.28	2.20	2.02	674	3	1.69	40	1040	53	0.02	<5	255	0.63	164	<10
M243206	4.15	1.86	1.66	805	3	1.68	37	810	33	0.01	<5	173	0.63	123	<10
M243207	5.17	2.03	2.01	696	1	1.34	43	700	17	0.04	<5	164	0.64	168	<10
M243208	4.53	1.17	1.29	1530	6	1.14	47	1300	11	0.17	<5	169	0.39	102	<10
M243209	3.71	1.24	1.86	573	<1	2.21	38	620	8	0.01	<5	230	0.52	106	<10
M243210	5.98	1.32	2.70	723	<1	2.20	45	780	8	0.01	<5	286	0.88	200	<10
M243211	4.47	1.27	2.57	637	1	2.26	21	480	14	0.01	<5	293	0.82	135	<10
M243212	3.74	1.69	1.37	688	<1	2.05	38	560	14	0.01	<5	197	0.93	156	<10
M243213	2.42	2.01	0.82	652	<1	2.31	20	420	4	0.02	<5	413	0.36	64	<10
M243214	3.55	1.55	1.00	792	2	1.58	30	1180	10	0.04	<5	186	0.39	81	<10
M243215	3.60	1.54	1.27	871	1	1.63	35	1100	13	0.04	<5	175	0.73	109	10
M243216	4.06	1.43	1.34	919	<1	1.74	28	820	12	0.01	<5	183	0.71	116	<10
M243217	3.61	1.71	1.23	587	2	1.53	23	590	15	0.01	<5	148	0.65	120	<10
M243218	3.36	2.04	1.43	582	2	1.80	39	1080	20	0.01	<5	161	0.57	111	<10
M243219	2.13	1.62	1.10	347	2	1.74	28	800	14	0.04	<5	150	0.40	78	<10
M243220	3.07	1.65	1.30	507	2	1.83	32	860	19	0.01	<5	186	0.55	99	10
M243221	3.56	2.01	1.66	595	1	1.77	37	1170	16	<0.01	<5	211	0.63	113	<10
M243222	3.60	1.73	1.74	609	1	1.80	48	1150	14	0.01	<5	211	0.62	113	<10
M243223	3.67	1.70	1.58	515	1	1.66	35	1140	19	0.03	<5	208	0.60	108	<10
M243224	5.18	0.63	2.25	884	2	2.00	46	1180	18	0.10	<5	492	0.67	160	<10
M243225	4.69	2.57	1.72	881	2	1.20	63	930	33	0.02	<5	146	0.65	107	10
M243226	3.71	2.72	1.48	497	2	1.38	38	1020	31	0.01	<5	146	0.55	118	<10
M243227	2.78	2.50	1.24	618	1	2.00	36	500	27	0.02	<5	161	0.56	120	<10
M243228	4.69	2.01	1.82	910	1	1.24	64	510	20	0.02	<5	125	0.52	176	<10
M243229	4.97	1.14	2.76	1165	1	1.78	55	300	15	0.01	<5	154	0.80	239	<10
M243230	4.44	3.00	1.13	1055	6	1.28	32	830	87	0.07	<5	230	0.43	120	<10
M243231	6.15	2.65	2.46	1540	3	0.80	102	1430	17	0.05	<5	120	0.73	240	10
M243232	4.71	3.07	1.39	1210	4	0.67	52	1100	60	0.08	<5	107	0.47	142	<10
M243233	4.95	2.09	1.88	1445	3	0.65	122	980	20	0.04	<5	106	0.53	202	<10
M243234	5.19	2.38	2.88	1365	2	0.86	166	1150	32	0.04	<5	116	0.58	195	<10
M243235	3.51	1.26	1.64	921	<1	1.14	41	530	11	0.01	<5	140	0.50	164	<10
M243236	3.82	1.18	1.48	1070	1	1.24	45	950	19	0.02	<5	132	0.44	143	<10
M243237	4.31	1.68	1.92	1035	2	1.45	50	870	14	0.04	<5	164	0.50	155	<10
M243238	5.18	1.40	2.24	1470	1	1.28	79	1420	12	0.06	<5	161	0.65	222	<10
M243239	5.45	1.23	3.49	1230	<1	1.24	165	630	8	0.03	<5	127	0.58	235	<10
M243240	5.00	1.34	2.24	1055	4	1.46	92	920	12	0.04	<5	201	0.48	201	<10

Comments: Sample M243236 exhibits possible gold nugget effect.



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CERTIFICATE OF ANALYSIS VA04075796

Sample Description	Method Analyte Units LOR	ME-ICP61	
		Zn ppm	Z
M243201		82	
M243202		76	
M243203		82	
M243204		49	
M243205		110	
M243206		98	
M243207		100	
M243208		88	
M243209		49	
M243210		78	
M243211		65	
M243212		57	
M243213		63	
M243214		73	
M243215		65	
M243216		63	
M243217		52	
M243218		95	
M243219		56	
M243220		60	
M243221		78	
M243222		74	
M243223		98	
M243224		61	
M243225		158	
M243226		106	
M243227		57	
M243228		130	
M243229		81	
M243230		619	
M243231		203	
M243232		464	
M243233		222	
M243234		205	
M243235		65	
M243236		108	
M243237		140	
M243238		174	
M243239		107	
M243240		148	

Comments: Sample M243236 exhibits possible gold nugget effect.

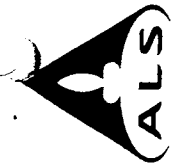
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CERTIFICATE OF ANALYSIS VA04075796

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	AU-AA23 Au ppm	AU-AA23 Au Check ppm	AU-AA23 Au Check ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm
	M243241	0.50	<0.005	0.005	0.005	<0.5	6.99	5	1850	2.5	<2	2.43	<0.5	18	124	49
	M243242	0.48	<0.005	0.005	0.005	<0.5	7.27	5	950	1.8	<2	2.55	<0.5	20	173	28
	M243243	0.54	<0.005	0.005	0.005	<0.5	7.36	<5	1110	1.7	<2	2.47	<0.5	16	135	27
	M243244	0.52	<0.005	0.005	0.005	<0.5	6.42	<5	1290	2.7	2	1.70	<0.5	13	107	16
	M243245	0.32	<0.005	0.005	0.005	<0.5	7.08	<5	1400	4.6	2	1.80	<0.5	16	98	48

Comments: Sample M243236 exhibits possible gold nugget effect.



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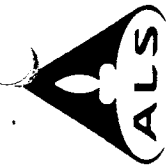
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CERTIFICATE OF ANALYSIS VA04075796

Sample Description	Method Analyte Units LOR	ME-ICP61 Fe % 0.01	ME-ICP61 K % 0.01	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 TI % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10
M243241		4.04	1.80	2.08	1000	1	1.50	62	860	14	0.01	<5	158	0.57	172	<10
M243242		5.30	0.86	2.14	1125	<1	1.36	63	910	9	0.02	<5	134	0.59	200	<10
M243243		5.18	1.06	1.96	952	1	1.37	47	770	14	0.03	<5	194	0.70	214	<10
M243244		4.21	1.78	1.20	888	2	1.45	31	1120	23	0.02	<5	149	0.59	159	10
M243245		2.83	2.43	1.56	623	4	1.51	69	970	26	0.09	<5	160	0.52	114	<10

Comments: Sample M243236 exhibits possible gold nugget effect.



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Sample Description	Method Analyte Units LOR	ME-ICP61 Zn ppm 2
M243241		98
M243242		97
M243243		78
M243244		72
M243245		134

Comments: Sample M243236 exhibits possible gold nugget effect.

CERTIFICATE VA04062453

Project: 1638

P.O. No.:

This report is for 78 Soil samples submitted to our lab in Vancouver, BC, Canada on 13-SEP-2004.

The following have access to data associated with this certificate:

JASON DUNNING

ACCOUNTS PAYABLE

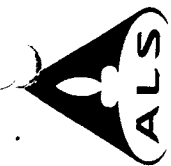
SAMPLE PREPARATION		
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
LOG-22	Sample login - Rcd w/o BarCode	
SCR-41	Screen to -180um and save both	
ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

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 ATTN: JASON DUNNING
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:





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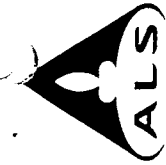
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CERTIFICATE OF ANALYSIS VA04062453

Method Analyte Units	WEI-21 Recvd Wt. kg	Au-AA23 ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
M243301	0.40	<0.005	<0.5	1.36	17	170	<0.5	<2	0.32	<0.5	146	1520	25	7.34	0.01
M243302	0.48	<0.005	<0.5	8.40	11	1960	1.4	<2	1.85	<0.5	42	218	74	7.38	0.20
M243303	0.38	<0.005	<0.5	7.26	21	1370	1.7	<2	1.31	<0.5	71	581	60	7.66	2.12
M243304	0.36	<0.005	<0.5	5.71	18	720	1.3	<2	1.15	<0.5	62	586	49	6.13	1.68
M243305	0.38	<0.005	<0.5	5.07	10	910	1.4	<2	1.03	1.8	46	681	50	5.91	1.00
M243306	0.34	<0.005	<0.5	6.78	19	850	1.5	<2	2.00	0.7	48	379	119	7.43	1.02
M243307	0.44	<0.005	<0.5	2.69	12	560	0.9	<2	0.68	1.0	103	1430	51	7.11	0.99
M243308	0.28	<0.005	0.5	5.30	16	1110	1.5	<2	1.36	1.8	43	518	71	5.47	0.65
M243309	0.30	<0.005	0.6	7.57	11	1270	2.5	<2	0.65	1.4	24	282	72	5.94	1.22
M243310	0.30	<0.005	<0.5	6.46	17	1310	1.9	<2	0.90	1.4	35	473	55	5.66	2.61
M243311	0.32	<0.005	<0.5	6.15	17	1120	1.9	<2	0.79	1.0	48	516	60	5.66	1.79
M243312	0.34	<0.005	<0.5	4.03	16	740	1.3	<2	0.58	1.2	109	1485	34	7.83	1.88
M243313	0.40	<0.005	<0.5	5.66	11	1010	1.8	<2	0.80	<0.5	56	634	45	5.60	1.18
M243314	0.32	<0.005	<0.5	5.23	13	950	1.8	<2	0.68	0.5	58	614	49	5.63	1.72
M243315	0.28	<0.005	<0.5	6.28	17	1170	2.3	<2	0.77	<0.5	36	401	57	5.52	1.61
M243316	0.32	<0.005	<0.5	5.97	13	1080	2.0	<2	0.83	<0.5	27	435	48	5.12	2.20
M243317	0.36	<0.005	<0.5	6.56	12	1090	2.8	<2	0.78	<0.5	34	559	30	5.91	1.74
M243318	0.38	<0.005	<0.5	5.69	11	1170	1.5	<2	1.30	<0.5	39	605	44	5.97	2.03
M243319	0.34	<0.005	<0.5	6.01	11	1010	1.4	<2	1.49	<0.5	39	483	36	5.02	1.18
M243320	0.28	<0.005	<0.5	5.81	11	1110	1.4	<2	1.46	<0.5	41	451	41	5.72	1.20
M243321	0.38	<0.005	<0.5	5.66	16	1200	1.5	<2	1.32	<0.5	42	550	54	5.90	1.40
M243322	0.46	<0.005	<0.5	5.50	16	1170	1.8	<2	1.28	<0.5	41	598	57	5.86	1.24
M243323	0.26	<0.005	<0.5	5.28	14	1010	1.5	<2	1.35	<0.5	39	478	57	5.86	1.22
M243324	0.18	<0.005	<0.5	5.45	11	790	1.2	<2	1.76	<0.5	25	254	35	5.58	0.98
M243325	0.34	<0.005	<0.5	5.08	9	830	1.4	<2	1.23	<0.5	48	639	42	5.74	1.31
M243326	0.32	<0.005	<0.5	4.80	18	850	1.5	<2	1.26	<0.5	42	628	81	5.57	1.08
M243327	0.36	<0.005	<0.5	6.21	23	1070	1.9	<2	1.03	0.7	41	509	88	6.33	1.05
M243328	0.30	<0.005	<0.5	4.04	17	680	1.1	<2	0.92	<0.5	66	807	47	6.03	1.48
M243329	0.42	<0.005	<0.5	6.61	28	1230	2.5	<2	0.72	0.5	36	410	98	7.09	0.90
M243330	0.38	0.010	<0.5	7.22	30	1210	2.3	<2	1.44	<0.5	47	430	120	7.47	2.06
M243331	0.34	<0.005	<0.5	8.74	11	1330	3.0	<2	1.07	<0.5	41	245	81	7.84	1.51
M243332	0.36	0.006	<0.5	4.98	13	590	1.2	<2	0.57	<0.5	67	611	53	6.49	2.11
M243333	0.20	<0.005	<0.5	1.37	11	190	<0.5	<2	0.25	<0.5	139	1715	16	8.50	0.58
M243334	0.40	<0.005	<0.5	2.59	9	390	0.7	<2	0.51	<0.5	77	1010	27	5.81	0.22
M243335	0.46	<0.005	<0.5	6.68	<5	3110	3.0	<2	1.40	<0.5	47	138	78	9.26	0.61
M243336	0.38	0.007	<0.5	7.68	<5	1220	1.2	<2	2.20	<0.5	37	272	58	6.51	1.04
M243337	0.32	<0.005	<0.5	4.07	16	890	1.1	<2	0.87	<0.5	76	715	64	5.66	1.02
M243338	0.30	<0.005	<0.5	5.72	11	1160	1.6	<2	1.15	<0.5	55	541	47	6.33	1.08
M243339	0.28	0.010	<0.5	4.86	21	1270	2.3	<2	1.75	<0.5	36	585	78	5.43	0.92
M243384	0.16	<0.005	<0.5	2.25	14	290	0.5	<2	0.51	<0.5	138	1135	25	7.39	0.45



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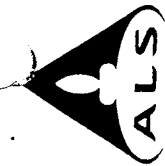
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Sample Description	Method Analyte Units LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Tl % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
M243301		17.55	1835	<1	0.13	2890	380	7	0.03	<5	29	0.08	61	<10	73
M243302		4.48	2420	1	1.18	309	1860	13	0.02	<5	178	1.07	275	<10	114
M243303		7.47	2170	<1	0.89	942	1500	12	0.02	<5	144	0.90	225	<10	116
M243304		7.52	1215	1	1.06	1005	1000	7	0.04	<5	162	0.59	151	<10	89
M243305		5.77	960	2	0.72	679	2100	25	0.08	<5	112	0.43	152	<10	352
M243306		5.90	1255	3	1.27	523	1410	16	0.10	<5	152	0.70	220	<10	251
M243307		11.90	1175	2	0.25	1385	1420	14	0.06	<5	63	0.18	118	<10	233
M243308		4.20	1020	2	0.82	601	1990	20	0.10	<5	156	0.51	150	<10	304
M243309		3.03	969	5	0.37	298	1620	32	0.23	<5	94	0.41	128	<10	448
M243310		4.39	935	2	0.58	508	1680	23	0.06	<5	116	0.47	152	<10	277
M243311		4.09	1130	2	0.52	464	1600	20	0.09	<5	108	0.42	136	<10	233
M243312		9.44	1325	2	0.38	1150	1740	16	0.06	<5	81	0.30	120	<10	172
M243313		4.93	1065	2	0.59	623	1410	19	0.06	<5	123	0.40	122	<10	170
M243314		5.54	1025	2	0.45	708	1940	19	0.10	<5	90	0.39	122	<10	173
M243315		4.38	925	2	0.52	516	1790	24	0.06	<5	104	0.51	144	<10	190
M243316		4.10	732	3	0.61	445	1880	20	0.06	<5	126	0.47	135	<10	186
M243317		4.11	949	2	0.71	470	1600	27	0.05	<5	132	0.56	135	<10	172
M243318		6.39	898	1	1.00	740	1160	19	0.05	<5	158	0.60	156	<10	128
M243319		4.33	969	1	1.26	501	1410	15	0.07	<5	271	0.50	130	<10	124
M243320		5.34	1045	1	1.06	559	1410	15	0.06	<5	170	0.63	157	<10	130
M243321		6.09	986	2	0.94	742	1300	13	0.04	<5	161	0.58	164	<10	132
M243322		6.35	995	2	0.84	783	1400	13	0.05	<5	146	0.58	164	<10	136
M243323		5.70	920	2	0.81	755	1420	19	0.08	<5	154	0.49	148	<10	122
M243324		2.82	681	2	1.33	327	1600	11	0.11	<5	290	0.37	96	<10	92
M243325		6.79	978	1	0.90	841	790	12	0.04	<5	134	0.52	140	<10	92
M243326		6.43	861	2	0.72	835	1510	11	0.09	<5	121	0.44	146	<10	126
M243327		6.02	807	3	0.63	800	1700	23	0.10	<5	118	0.46	184	<10	215
M243328		7.57	988	1	0.50	1040	1340	10	0.10	<5	88	0.33	118	<10	112
M243329		4.86	1405	3	0.34	593	1350	18	0.19	<5	93	0.45	134	<10	215
M243330		5.20	1615	3	0.96	541	1920	15	0.05	<5	160	0.90	248	<10	158
M243331		3.43	2040	1	0.71	217	1900	16	0.04	<5	100	1.18	292	10	126
M243332		9.48	1460	<1	0.44	1010	560	6	0.02	<5	72	0.53	164	<10	73
M243333		14.70	1590	<1	0.13	2090	750	3	0.05	<5	30	0.08	59	<10	73
M243334		12.05	1060	1	0.43	1515	370	14	0.04	<5	68	0.21	67	<10	72
M243335		5.77	1835	<1	2.00	186	1060	9	0.04	<5	198	1.06	326	<10	156
M243336		3.69	3090	1	2.34	232	1340	8	0.02	<5	278	0.99	226	<10	88
M243337		7.71	1275	2	0.58	1050	1260	30	0.11	<5	88	0.40	135	<10	154
M243338		4.69	1305	1	0.96	535	1620	20	0.09	<5	130	0.58	176	<10	132
M243339		4.02	732	1	0.57	734	1360	14	0.14	<5	124	0.49	151	<10	110
M243384		14.25	1855	1	0.47	2220	430	6	0.04	<5	104	0.14	61	<10	68



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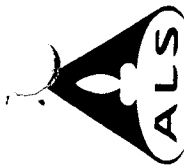
CERTIFICATE OF ANALYSIS VA04062453

Method Analyte Units LOR	Sample Description	WEI-Z1 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
	M243385	0.22	<0.005	<0.5	3.30	8	440	0.7	<2	0.74	<0.5	92	806	25	5.60	0.77
	M243386	0.14	<0.005	<0.5	6.23	14	740	1.1	<2	1.89	<0.5	51	478	60	6.70	0.86
	M243387	0.22	<0.005	<0.5	7.13	11	960	1.2	<2	1.77	<0.5	54	448	82	7.07	1.15
	M243388	0.08	<0.005	<0.5	2.15	13	370	0.6	<2	0.48	<0.5	119	1970	21	9.13	0.39
	M243389	0.12	<0.005	<0.5	4.08	37	750	2.2	<2	0.75	0.9	51	930	294	7.73	0.98
	M243390	0.12	<0.005	<0.5	6.77	10	1230	2.3	<2	0.53	0.5	27	390	59	5.63	2.17
	M243391	0.16	<0.005	<0.5	6.64	19	1230	2.9	<2	0.84	0.9	32	402	104	6.13	2.19
	M243392	0.16	<0.005	<0.5	4.47	21	980	1.4	<2	1.03	0.8	56	794	76	5.94	1.02
	M243393	0.18	<0.005	<0.5	6.86	18	1300	2.6	<2	0.94	0.6	35	440	108	6.43	1.92
	M243394	0.14	<0.005	<0.5	6.04	15	970	2.3	<2	1.13	<0.5	27	474	41	5.77	2.15
	M243395	0.14	<0.005	<0.5	5.63	<5	940	1.9	<2	1.24	<0.5	44	559	46	6.09	1.60
	M243396	0.14	<0.005	<0.5	5.45	8	890	1.7	<2	1.16	<0.5	49	683	39	6.04	1.42
	M243397	0.22	<0.005	<0.5	5.95	<5	950	2.0	<2	1.15	<0.5	39	495	41	6.08	1.87
	M243398	0.08	<0.005	<0.5	6.56	<5	840	1.5	<2	1.57	<0.5	30	339	32	3.90	1.59
	M243399	0.12	<0.005	<0.5	5.70	6	1100	1.9	<2	1.72	<0.5	42	470	58	5.91	1.22
	M243400	0.18	<0.005	<0.5	5.72	15	1280	1.8	<2	1.24	<0.5	40	529	55	6.15	1.22
	M243451	0.14	<0.005	<0.5	5.56	11	1070	1.7	<2	1.16	<0.5	43	507	55	5.96	1.22
	M243452	0.14	<0.005	<0.5	5.92	<5	850	1.9	<2	1.65	<0.5	43	496	65	5.89	1.02
	M243453	0.12	<0.005	<0.5	5.88	<5	930	2.1	<2	1.16	<0.5	37	443	51	5.74	1.28
	M243454	0.14	<0.005	<0.5	5.82	<5	1040	1.5	<2	1.32	<0.5	58	599	53	6.11	1.29
	M243455	0.08	<0.005	<0.5	4.85	11	940	1.2	<2	1.30	1.4	46	511	45	5.19	1.06
	M243456	0.12	<0.005	<0.5	6.17	<5	1220	1.5	<2	1.80	<0.5	35	424	46	6.14	1.14
	M243457	0.14	<0.005	<0.5	6.12	<5	1410	1.6	<2	1.67	<0.5	40	465	58	6.37	1.24
	M243458	0.14	<0.005	<0.5	5.93	23	1580	1.7	<2	1.52	0.5	43	467	80	6.65	1.22
	M243459	0.12	<0.005	<0.5	5.81	26	1500	2.0	<2	1.22	0.7	42	508	91	6.27	1.70
	M243460	0.16	0.005	<0.5	6.18	11	1440	1.7	<2	1.81	<0.5	41	414	89	6.58	1.12
	M243461	0.24	<0.005	<0.5	6.17	31	1450	1.4	<2	1.84	<0.5	52	534	77	6.45	1.00
	M243462	0.12	<0.005	<0.5	7.01	12	1120	1.2	<2	2.83	<0.5	35	247	58	6.16	0.94
	M243463	0.10	<0.005	<0.5	6.30	14	910	0.8	<2	2.65	<0.5	47	289	64	6.33	0.50
	M243464	0.14	<0.005	<0.5	2.77	17	450	0.8	<2	0.69	<0.5	114	1475	24	7.16	0.56
	M243465	0.12	<0.005	<0.5	2.75	12	430	0.8	<2	0.66	<0.5	86	1195	24	6.14	0.63
	M243466	0.16	<0.005	<0.5	2.79	14	440	0.8	<2	0.62	<0.5	87	1030	25	5.85	0.65
	M243467	0.20	<0.005	<0.5	1.85	8	290	0.5	2	0.36	<0.5	126	1295	18	7.44	0.40
	M243468	0.18	<0.005	<0.5	5.67	13	710	1.3	<2	1.01	<0.5	62	666	47	6.11	1.04
	M243469	0.14	<0.005	<0.5	7.91	20	1840	3.3	<2	1.25	<0.5	67	702	78	8.52	2.05
	M243470	0.08	0.014	<0.5	4.71	19	1240	2.2	<2	1.65	<0.5	38	344	74	5.22	1.04
	M243471	0.16	0.008	<0.5	3.22	18	730	1.0	<2	0.99	<0.5	78	1205	40	6.30	0.73
	M243472	0.16	<0.005	<0.5	6.53	27	1460	1.8	<2	1.91	<0.5	34	374	64	6.03	1.14

Project: 1638

CERTIFICATE OF ANALYSIS VA04062453

Sample Description	Method Analyte Units LOR	ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61							
		Mg %	0.01	Min ppm	5	Mo ppm	1	Na %	0.01	Ni ppm	1	Pb ppm	2	S %	0.01	Sb ppm	5	Sr ppm	1	Ti %	0.01	V ppm	1	W ppm	10	Zn ppm	2
M243385		11.25		1410	1	0.75		1525		450	7	0.03		154		<5		154		0.19		65		<10		67	
M243386		6.77		1225	1	1.32		726		840	5	0.03		159		<5		159		0.70		182		<10		88	
M243387		6.11		1850	1	1.44		622		1140	11	0.02		171		<5		171		0.82		211		<10		98	
M243388		11.15		1510	1	0.24		1425		1520	10	0.07		49		<5		49		0.17		85		<10		106	
M243389		4.45		855	8	0.38		625		2900	20	0.10		118		<5		118		0.31		201		<10		415	
M243390		3.68		1060	3	0.37		401		1340	18	0.12		99		<5		99		0.38		95		<10		220	
M243391		4.35		1140	3	0.46		501		2190	26	0.06		101		<5		101		0.52		160		<10		257	
M243392		6.32		915	3	0.32		796		1940	21	0.13		74		<5		74		0.32		162		<10		196	
M243393		4.82		1070	4	0.53		538		2040	24	0.09		99		<5		99		0.56		192		<10		254	
M243394		4.66		777	2	0.55		563		1820	29	0.04		106		<5		106		0.65		136		<10		167	
M243395		6.36		889	2	0.78		786		1500	11	0.05		123		<5		123		0.63		152		<10		130	
M243396		6.24		936	1	0.83		815		1320	9	0.06		131		<5		131		0.57		146		<10		103	
M243397		5.66		932	1	0.77		701		1460	15	0.05		124		<5		124		0.64		156		<10		114	
M243398		2.85		836	1	1.76		285		1520	16	0.07		373		<5		373		0.41		98		<10		86	
M243399		5.97		913	1	1.00		745		1600	13	0.07		178		<5		178		0.61		164		<10		149	
M243400		6.14		838	1	0.88		705		1420	15	0.04		153		<5		153		0.63		177		<10		142	
M243451		5.63		851	2	0.96		628		1320	15	0.05		125		<5		125		0.65		191		<10		178	
M243452		6.21		914	1	1.04		802		1380	15	0.07		162		<5		162		0.57		161		<10		172	
M243453		5.90		783	1	1.04		790		1390	16	0.06		164		<5		164		0.50		146		<10		128	
M243454		6.25		1250	1	1.14		728		1600	19	0.07		196		<5		196		0.59		161		<10		158	
M243455		5.31		1040	2	0.90		586		1520	15	0.12		148		<5		148		0.52		142		<10		187	
M243456		5.34		1060	1	1.35		551		1300	12	0.06		203		<5		203		0.69		177		<10		138	
M243457		6.05		1040	1	1.28		638		1120	7	0.06		209		<5		209		0.70		181		<10		128	
M243458		6.29		1045	2	1.02		663		1340	14	0.06		182		<5		182		0.66		195		<10		190	
M243459		5.26		1055	4	0.74		625		1470	16	0.09		136		<5		136		0.63		191		<10		229	
M243460		5.65		1130	1	1.21		627		1360	14	0.08		223		<5		223		0.65		196		<10		174	
M243461		6.14		1215	2	1.39		772		990	9	0.05		285		<5		285		0.71		202		<10		116	
M243462		4.54		1305	<1	1.55		377		910	5	0.06		385		<5		385		0.81		201		<10		79	
M243463		5.78		1245	2	1.57		518		750	4	0.06		248		<5		248		0.70		189		<10		78	
M243464		9.51		1695	1	0.47		1520		1210	9	0.11		88		<5		88		0.21		74		<10		102	
M243465		9.89		1175	1	0.47		1485		950	7	0.10		82		<5		82		0.20		70		<10		106	
M243466		12.65		964	1	0.54		1770		350	4	0.03		84		<5		84		0.22		70		<10		71	
M243467		13.35		1335	1	0.24		2050		600	4	0.05		165		<5		165		0.13		56		<10		78	
M243468		7.33		1740	1	1.34		909		700	5	0.06		124		<5		124		0.57		147		<10		74	
M243469		5.42		2360	1	1.07		794		1280	2	0.03		241		<5		241		1.04		276		<10		106	
M243470		3.77		1040	2	0.58		580		1330	8	0.18		139		<5		139		0.50		156		<10		108	
M243471		10.50		949	1	0.40		1330		1000	8	0.10		101		<5		101		0.26		98		<10		97	
M243472		4.50		892	2	1.08		538		1520	20	0.10		241		<5		241		0.66		163		<10		170	



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Page: 1
 Finalized Date: 29-AUG-2004
 Account: MPO

CERTIFICATE VA04056287

Project: 1638

P.O. No.:

This report is for 1 Soil sample submitted to our lab in Vancouver, BC, Canada on 20-AUG-2004.

The following have access to data associated with this certificate:

JASON DUNNING | ACCOUNTS PAYABLE

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

To: EXPATRIATE RESOURCES LTD.
 ATTN: ACCOUNTS PAYABLE
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

[Signature]

Signature:

Project: 1638

CERTIFICATE OF ANALYSIS VA04056287

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %	
M242348		0.36	0.015	<0.5	8.14	8	1040	9.0	<2	0.81	0.9	20	85	34	6.29	3.58

Project: 1638

CERTIFICATE OF ANALYSIS VA04056287

Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Sample Description	Mg %	Min ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm					
M242348	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2					
	1.46	1165	3	0.28	34	1140	57	0.05	<5	58	0.79	151	20	310					

Method Analyte Units LOR

Sample Description

M242348

Appendix F – Assay Certificates for Rock Samples

CERTIFICATE · VA04041538


Project: ~~1648~~ 1638 Goal Net
 P.O. No.:
 This report is for 29 Rock samples submitted to our lab in Vancouver, BC, Canada on 2-JUL-2004.
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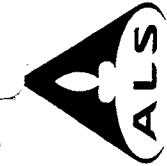
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-XRF05	Trace Level XRF Analysis	XRF
ME-ICP61	27 element four acid ICP-AES	ICP-AES

To: EXPATRIATE RESOURCES LTD.
 ATTN: ACCOUNTS PAYABLE
 701-475 HOWE ST
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



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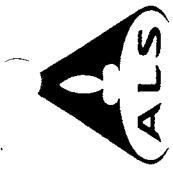
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Page: 2 - A
 Total # Pages: 2 (A - B)
 Finalized Date: 18-JUL-2004
 Account: MPO

Project: 1648

CERTIFICATE OF ANALYSIS VA04041538

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %	ME-ICP61 Mg %
M180501	1.92	<0.5	1.93	8	9430	0.9	<2	0.01	<0.5	1	31	50	0.01	0.01	0.01
M180502	2.66	<0.5	7.25	<5	1680	1.3	2	0.03	<0.5	2	10	4	1.18	0.58	0.10
M180503	1.36	<0.5	6.67	6	1500	1.8	2	0.05	<0.5	1	6	11	1.65	6.39	0.01
M180504	2.10	<0.5	6.18	12	560	2.8	<2	0.03	<0.5	1	6	4	1.25	5.50	0.07
M180505	1.40	0.5	6.32	<5	940	2.8	<2	0.36	3.3	2	5	6	0.98	4.12	0.22
M180506	1.84	<0.5	5.69	6	2870	2.2	<2	0.43	<0.5	11	27	10	3.93	3.54	0.25
M180507	3.34	<0.5	6.82	<5	210	2.3	<2	3.82	<0.5	16	15	30	5.03	4.10	0.37
M180508	1.60	<0.5	6.20	<5	640	1.6	<2	0.05	<0.5	1	5	3	1.32	6.58	0.06
M180651	0.94	<0.5	6.87	<5	460	2.6	<2	0.39	<0.5	<1	5	7	1.39	4.35	0.34
M180652	0.22	<0.5	6.37	<5	870	1.6	<2	1.22	<0.5	2	8	6	1.84	6.82	0.17
M180653	1.18	<0.5	8.26	<5	850	5.0	2	0.49	<0.5	3	6	2	1.62	6.06	0.63
M180654	0.78	<0.5	6.55	<5	850	3.1	<2	2.25	<0.5	9	12	10	4.30	4.06	0.56
M180655	1.42	<0.5	6.96	<5	830	2.1	2	0.84	<0.5	4	5	7	2.99	3.52	0.63
M180656	0.54	<0.5	10.90	<5	2360	4.3	<2	1.13	<0.5	19	69	2	5.01	4.31	1.27
M180657	0.64	<0.5	6.88	<5	760	2.7	<2	1.66	<0.5	8	20	12	4.88	3.06	1.39
M180658	2.84	<0.5	6.48	<5	880	3.2	2	2.20	<0.5	6	16	668	4.81	2.26	1.08
M180659	0.78	<0.5	5.84	<5	760	1.2	<2	0.27	<0.5	2	8	7	1.13	0.90	0.27
M180660	1.52	<0.5	7.90	94	1380	1.6	3	0.04	<0.5	<1	5	11	2.02	8.14	0.10
M180661	1.32	<0.5	6.45	<5	890	1.5	2	2.11	<0.5	1	5	11	2.98	1.20	0.68
M180662	1.10	<0.5	6.35	<5	500	2.1	<2	0.40	<0.5	3	5	5	2.47	5.04	0.32
M180663	1.20	<0.5	6.74	69	1220	2.4	<2	0.41	<0.5	1	6	13	2.25	5.74	0.26
M180664	0.84	<0.5	7.47	<5	950	4.0	2	3.53	<0.5	11	15	12	5.79	4.49	0.72
M180665	0.56	<0.5	7.77	<5	1180	3.2	2	1.32	<0.5	3	7	6	3.02	2.20	0.62
M180666	0.76	<0.5	8.91	7	1720	1.3	2	0.34	1.1	6	6	6	1.26	6.16	0.02
M180667	1.42	<0.5	5.91	<5	1270	2.4	2	0.38	<0.5	3	17	29	1.66	2.58	0.32
M180668	1.28	<0.5	6.34	<5	1200	2.3	<2	3.29	<0.5	6	20	21	3.16	1.84	1.14
M180669	1.44	<0.5	5.77	5	790	1.3	<2	0.13	<0.5	2	6	4	1.26	4.96	0.04
M180670	0.98	<0.5	6.42	<5	650	3.8	<2	4.46	<0.5	2	5	5	0.95	4.12	0.55
M180671	1.16	2.3	6.31	<5	690	3.2	4	2.16	0.7	2	7	37	1.35	3.35	0.26



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Page: 2 - B
Total # pages: 2 (A - B)
Finalized Date: 18-JUL-2004
Account: MPO

Project: 1648

CERTIFICATE OF ANALYSIS VA04041538

Sample Description	Method Analyte Units LOR	ME-ICP61														ME-XRF05
		Mn ppm	Mo ppm	Na %	NI ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm	Au ppm	Se ppm
M180501		67	1	0.06	33	80	14	0.02	<5	48	0.01	75	<10	52	<0.005	<2
M180502		29	2	1.50	4	540	42	0.63	<5	67	0.14	11	<10	29	<0.005	<2
M180503		188	5	0.46	2	150	24	0.05	<5	40	0.18	6	<10	4	<0.005	<2
M180504		84	3	0.07	4	120	21	0.15	<5	35	0.11	7	<10	29	<0.005	<2
M180505		182	2	0.18	8	140	604	0.03	<5	42	0.12	7	<10	786	<0.005	<2
M180506		675	2	0.76	13	1110	4	0.12	<5	98	0.42	66	<10	93	<0.005	<2
M180507		1430	2	0.14	13	3380	16	1.36	<5	158	0.95	97	<10	66	<0.005	<2
M180508		187	3	0.44	5	80	16	0.03	<5	25	0.09	4	<10	24	<0.005	<2
M180651		309	3	1.28	1	370	99	0.07	<5	47	0.15	14	<10	56	<0.005	<2
M180652		702	2	0.37	11	220	9	0.02	<5	45	0.21	12	<10	11	<0.005	<2
M180653		144	4	0.46	8	400	9	<0.01	<5	47	0.23	18	<10	24	<0.005	<2
M180654		595	3	0.55	13	950	21	0.06	<5	122	0.61	84	<10	106	<0.005	<2
M180655		479	4	1.70	4	270	12	0.07	<5	83	0.30	17	<10	46	<0.005	<2
M180656		353	8	1.13	39	1460	5	<0.01	<5	219	0.77	118	<10	36	<0.005	<2
M180657		683	4	2.19	10	960	13	0.05	<5	80	0.53	47	<10	84	<0.005	<2
M180658		1375	8	0.52	8	400	9	0.88	<5	56	0.31	43	<10	21	<0.005	<2
M180659		142	7	3.81	2	110	5	0.07	<5	47	0.09	7	<10	26	<0.005	<2
M180660		251	4	0.20	3	190	25	0.01	<5	64	0.14	15	<10	67	0.009	<2
M180661		953	2	2.27	3	150	5	0.21	<5	38	0.19	4	<10	20	<0.005	<2
M180662		958	2	0.19	4	130	5	0.06	<5	24	0.14	8	<10	10	<0.005	<2
M180663		407	3	0.91	2	130	8	0.05	<5	22	0.19	4	<10	9	<0.005	<2
M180664		1265	4	0.44	12	1540	16	0.15	<5	94	0.84	91	<10	200	<0.005	<2
M180665		381	2	1.22	31	580	22	0.03	<5	108	0.27	17	<10	78	<0.005	<2
M180666		95	3	1.14	7	600	39	0.71	<5	83	0.18	10	<10	55	0.005	<2
M180667		775	1	2.12	12	130	32	0.03	<5	92	0.10	23	<10	55	0.005	<2
M180668		371	2	1.08	14	450	12	0.21	<5	315	0.19	32	<10	68	0.012	<2
M180669		176	2	0.13	4	620	15	0.05	<5	107	0.17	10	<10	35	0.013	<2
M180670		629	2	0.41	1	320	10	0.02	<5	181	0.15	11	<10	16	<0.005	<2
M180671		672	3	0.86	2	300	1690	0.16	<5	96	0.15	11	<10	46	<0.005	<2

QC CERTIFICATE VA04041538

Project: 1648

P.O. No.:

This report is for 29 Rock samples submitted to our lab in Vancouver, BC, Canada on 2-JUL-2004.

The following have access to data associated with this certificate:

JASON DUNNING

ACCOUNTS PAYABLE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
AU-AA23	Au 30g FA-AA finish	AAS
ME-XRF05	Trace Level XRF Analysis	XRF
ME-ICP61	27 element four acid ICP-AES	ICP-AES

To: EXPATRIATE RESOURCES LTD.
 ATTN: ACCOUNTS PAYABLE
 701-475 HOWE ST
 VANCOUVER BC V6C 2B3

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

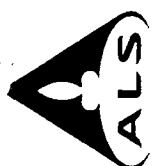


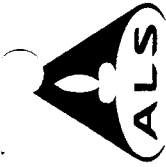
Project: 1648

QC CERTIFICATE OF ANALYSIS VA04041538

Sample Description	Method Analyte Units LOR	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 K % 0.01	ME-ICP61 Mg % 0.01	ME-ICP61 Min ppm 5
G2000		4.3	4.99	452	2180	1.3	3	0.55	7.1	22	91	300	3.73	1.24	0.73	547
G2000		3.5	4.96	475	2250	1.3	2	0.58	7.2	24	88	298	3.86	1.24	0.74	561
Target Range	Lower Bound	2.7	4.52	431	2000	0.6	2	0.5	6.3	22	80	272	3.41	1.16	0.67	508
Target Range	Upper Bound	4.4	5.52	537	2460	2.0	4	0.65	8.9	28	112	334	4.19	1.44	0.85	630
GS01-2		22.5	7.97	421	980	1.4	37	5.79	27.4	102	89	6870	4.11	1.95	1.99	2800
GS01-2		23.3	7.23	369	860	1.2	37	5.08	24.0	92	79	6120	3.64	1.79	1.70	2320
Target Range	Lower Bound	20.3	6.63	322	810	0.7	28	4.75	22.0	85	70	5450	3.34	1.65	1.56	2070
Target Range	Upper Bound	25.9	8.13	404	1010	1.9	38	5.83	28.0	107	88	6670	4.10	2.03	1.92	2540
GXR-1																
Target Range	Lower Bound															
Target Range	Upper Bound															
GXR-4																
Target Range	Lower Bound															
Target Range	Upper Bound															
MER-03																
MER-03																
MER-03																
Target Range	Lower Bound	<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	1	<1	<0.01	<0.01	<0.01	<5
Target Range	Upper Bound	<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	1	<1	<0.01	<0.01	<0.01	<5
BLANK		1.0	0.02	10	20	1.0	4	0.02	1.0	2	2	2	0.02	0.02	0.02	10

BLANKS





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Page: 3 - A
 Total # ranges: 3 (A - B)
 Finalized Date: 18-JUL-2004
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Project: 1648

QC CERTIFICATE OF ANALYSIS VA04041538

Sample Description	Method Analyte Units LOR	ME-ICP61													
		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %
ORIGINAL		<0.5	7.93	12	230	1.6	<2	10.00	<0.5	9	76	3.85	1.79	1.30	1720
DUP		<0.5	7.74	8	220	1.6	<2	9.60	<0.5	7	72	3.47	1.80	1.28	1660
Target Range	Lower Bound Upper Bound	0.5 1.0	0.01 0.01	5 10	10 250	0.5 2.5	2 4	0.01 10.00	0.5 1.0	1 10	1 100	0.01 3.76	0.01 1.90	0.01 1.36	5 1780
ORIGINAL															
DUP															
Target Range	Lower Bound Upper Bound														
ORIGINAL															
DUP															
Target Range	Lower Bound Upper Bound														
M180652															
DUP															
Target Range	Lower Bound Upper Bound														
M180654															
DUP															
Target Range	Lower Bound Upper Bound														
M180657															
DUP															
Target Range	Lower Bound Upper Bound														
ORIGINAL															
DUP															
Target Range	Lower Bound Upper Bound														

DUPLICATES

CERTIFICATE VA04075797

Project: 1638-G

P.O. No.:

This report is for 20 Rock samples submitted to our lab in Vancouver, BC, Canada on 29-OCT-2004.

The following have access to data associated with this certificate:

JASON DUNNING

ACCOUNTS PAYABLE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF05	Trace Level XRF Analysis	XRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

To: EXPATRIATE RESOURCES LTD.
ATTN: JASON DUNNING
701-475 HOWE ST
VANCOUVER BC V6C 2B3

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



Project: 1638-G

CERTIFICATE OF ANALYSIS VA04075797

Method Analyte Units LOR	Sample Description	WEI-Z1 Recvd Wt. kg	Au-AA23 Au ppm	Au-AA23 Au Check ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %
	B001415	0.68	<0.005	0.005	<0.5	6.45	<5	560	1.8	<2	0.29	<0.5	1	106	12	1.26
	B001416	1.10	<0.005		0.7	7.19	12	920	2.2	2	1.38	<0.5	3	70	4	1.27
	B001417	1.58	<0.005		<0.5	6.99	8	620	2.3	3	0.98	<0.5	2	128	3	1.42
	B001418	1.24	<0.005		0.5	6.78	5	510	1.9	<2	1.16	<0.5	2	74	3	0.94
	B001419	1.62	<0.005		<0.5	7.05	8	860	1.6	<2	0.64	<0.5	2	101	4	2.45
	B001420	1.58	<0.005		<0.5	6.86	<5	430	2.0	<2	1.86	<0.5	4	115	14	1.79
	B001421	1.48	<0.005	<0.005	<0.5	6.94	5	510	2.1	<2	0.30	<0.5	2	119	2	1.47
	B001422	0.62	<0.005	<0.005	<0.5	6.86	<5	1180	2.3	<2	0.33	<0.5	3	68	10	1.74
	B001423	1.18	0.024	0.019	<0.5	5.63	<5	1200	2.8	2	3.78	13.4	12	197	106	2.83
	B001424	1.06	<0.005	<0.005	<0.5	9.13	6	2930	2.7	<2	6.14	<0.5	28	51	46	3.70
	B001425	0.94	<0.005	<0.005	<0.5	8.30	<5	520	0.5	<2	6.08	<0.5	36	135	211	7.54
	B001426	1.00	<0.005		<0.5	7.53	18	360	0.6	<2	6.18	<0.5	33	163	37	6.86
	B001427	1.80	<0.005		<0.5	9.38	<5	120	<0.5	<2	9.14	<0.5	29	199	18	4.87
	B001428	1.30	<0.005		<0.5	10.00	5	840	0.7	<2	7.29	0.5	36	77	37	5.04
	B001429	1.92	<0.005		<0.5	7.57	<5	20	0.8	<2	9.12	<0.5	55	208	179	11.85
	B001430	0.76	<0.005		<0.5	8.16	<5	920	0.6	<2	6.20	<0.5	34	145	37	6.84
	B001431	1.14	<0.005		<0.5	7.23	<5	370	2.9	<2	0.42	<0.5	6	70	12	2.18
	B001432	1.02	<0.005		<0.5	5.90	12	240	3.5	<2	0.78	<0.5	2	79	12	0.92
	B001433	2.00	<0.005		<0.5	6.92	<5	230	4.6	<2	0.78	<0.5	2	115	3	1.23
	B001434	0.94	<0.005		<0.5	7.53	5	520	2.6	<2	2.47	<0.5	13	101	2	3.45

Project: 1638-G

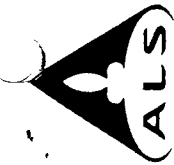
CERTIFICATE OF ANALYSIS VA04075797

Method Analyte Units LOR	Sample Description	ME-ICP61 K %	ME-ICP61 % 0.01	ME-ICP61 Mg %	ME-ICP61 % 0.01	ME-ICP61 Min ppm	ME-ICP61 5	ME-ICP61 Mo ppm	ME-ICP61 1	ME-ICP61 Na %	ME-ICP61 % 0.01	ME-ICP61 Ni ppm	ME-ICP61 1	ME-ICP61 P ppm	ME-ICP61 10	ME-ICP61 Pb ppm	ME-ICP61 2	ME-ICP61 S %	ME-ICP61 % 0.01	ME-ICP61 Sb ppm	ME-ICP61 5	ME-ICP61 Sr ppm	ME-ICP61 1	ME-ICP61 Ti %	ME-ICP61 % 0.01	ME-ICP61 V ppm	ME-ICP61 1	ME-ICP61 W ppm	ME-ICP61 10	ME-ICP61 Zn ppm	ME-ICP61 2
B001415		3.96	0.41	0.47	0.47	344	3	330	4	0.47	0.04	22	22	330	4	0.47	0.04	0.04	0.04	<5	<5	70	10	0.15	0.15	10	<10	<10	13		
B001416		3.86	0.46	0.381	1.96	381	2	210	6	1.96	0.01	18	18	210	6	1.96	0.01	0.01	0.01	<5	<5	99	34	0.16	0.16	34	<10	<10	27		
B001417		3.64	0.73	316	1.27	316	1	410	3	1.27	0.01	32	32	410	3	1.27	0.01	0.01	0.01	<5	<5	67	15	0.15	0.15	15	<10	<10	19		
B001418		4.56	0.41	434	0.58	434	1	380	2	0.58	0.01	21	21	380	2	0.58	0.01	0.01	0.01	<5	<5	70	11	0.14	0.14	11	<10	<10	16		
B001419		2.86	0.39	382	2.85	382	1	270	<1	2.85	<0.01	22	22	270	<1	2.85	<0.01	<0.01	<0.01	<5	<5	66	9	0.27	0.27	9	<10	<10	14		
B001420		2.92	0.47	384	1.87	384	1	460	7	1.87	0.01	18	18	460	7	1.87	0.01	0.01	0.01	<5	<5	96	75	0.22	0.22	75	<10	<10	35		
B001421		2.54	0.26	162	1.95	162	1	390	3	1.95	<0.01	7	7	390	3	1.95	<0.01	<0.01	<0.01	<5	<5	31	11	0.15	0.15	11	<10	<10	16		
B001422		3.06	0.79	255	2.19	255	1	460	3	2.19	0.01	9	9	460	3	2.19	0.01	0.01	0.01	<5	<5	53	21	0.21	0.21	21	<10	<10	201		
B001423		1.18	0.89	716	0.34	716	5	2690	49	0.34	0.22	19	19	2690	49	0.34	0.22	0.22	0.22	<5	<5	83	171	0.34	0.34	171	<10	<10	1315		
B001424		4.86	2.10	1220	0.75	1220	50	1860	41	0.75	0.03	82	82	1860	41	0.75	0.03	0.03	0.03	<5	<5	243	219	1.26	1.26	219	<10	<10	157		
B001425		0.63	4.08	1255	2.49	1255	<1	630	69	2.49	0.03	7	7	630	69	2.49	0.03	0.03	0.03	<5	<5	163	303	0.80	0.80	303	<10	<10	86		
B001426		0.40	4.34	1370	2.45	1370	<1	550	90	2.45	0.01	<2	<2	550	90	2.45	0.01	0.01	0.01	<5	<5	159	252	0.72	0.72	252	<10	<10	75		
B001427		0.43	2.88	986	2.55	986	<1	270	91	2.55	0.01	12	12	270	91	2.55	0.01	0.01	0.01	<5	<5	280	175	0.42	0.42	175	<10	<10	155		
B001428		1.63	3.22	923	2.90	923	<1	560	64	2.90	0.01	7	7	560	64	2.90	0.01	0.01	0.01	<5	<5	410	232	0.60	0.60	232	<10	<10	61		
B001429		0.26	5.81	2010	1.03	2010	<1	1960	132	1.03	0.23	9	9	1960	132	1.03	0.23	0.23	0.23	<5	<5	162	429	1.92	1.92	429	<10	<10	139		
B001430		0.47	4.29	1465	2.45	1465	<1	540	74	2.45	0.01	6	6	540	74	2.45	0.01	0.01	0.01	<5	<5	184	260	0.69	0.69	260	<10	<10	90		
B001431		2.41	0.87	119	3.15	119	<1	170	3	3.15	0.01	3	3	170	3	3.15	0.01	0.01	0.01	<5	<5	55	16	0.20	0.20	16	<10	<10	16		
B001432		1.88	0.18	130	3.01	130	<1	390	2	3.01	0.01	15	15	390	2	3.01	0.01	0.01	0.01	<5	<5	218	14	0.09	0.09	14	<10	<10	11		
B001433		2.22	0.35	141	3.33	141	3	490	4	3.33	<0.01	8	8	490	4	3.33	<0.01	<0.01	<0.01	<5	<5	68	9	0.09	0.09	9	<10	<10	15		
B001434		2.00	1.21	531	2.96	531	<1	700	23	2.96	0.01	7	7	700	23	2.96	0.01	0.01	0.01	<5	<5	198	85	0.45	0.45	85	<10	<10	50		

Project: 1638-G

CERTIFICATE OF ANALYSIS VA04075797

Sample Description	Method Analyte Units LOR	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
B001415		<0.01	<2
B001416		<0.01	<2
B001417		<0.01	<2
B001418		<0.01	<2
B001419		<0.01	<2
B001420		<0.01	<2
B001421		<0.01	<2
B001422		<0.01	<2
B001423		<0.01	<2
B001424		<0.01	<2
B001425		<0.01	<2
B001426		<0.01	<2
B001427		<0.01	<2
B001428		<0.01	<2
B001429		<0.01	<2
B001430		<0.01	<2
B001431		<0.01	<2
B001432		<0.01	<2
B001433		<0.01	<2
B001434		<0.01	<2



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 VANCOUVER BC V6C 2B3

Page: 1
 Finalized Date: 28-AUG-2004
 Account: MPO

CERTIFICATE VA04056288

Project: 1638

P.O. No.:

This report is for 14 Rock samples submitted to our lab in Vancouver, BC, Canada on 20-AUG-2004.

The following have access to data associated with this certificate:

JASON DUNNING

ACCOUNTS PAYABLE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

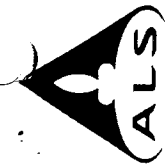
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

To: EXPATRIATE RESOURCES LTD.
 ATTN: ACCOUNTS PAYABLE
 701-475 HOWE ST
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Signature:



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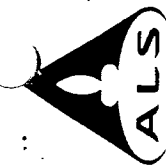
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Page: 2 - A
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Project: 1638

CERTIFICATE OF ANALYSIS VA04056288

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	AU-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
	M180729	2.14	0.072	52.1	3.12	<5	450	1.3	54	0.40	500	60	27	7320	12.55	1.26
	M180730	2.84	0.067	44.2	3.44	<5	450	1.6	57	0.74	468	60	15	3820	13.00	1.16
	M180731	1.62	0.055	43.8	3.09	<5	380	1.4	51	0.65	406	51	30	5050	12.55	1.00
	M180732	1.08	0.061	59.3	3.17	<5	390	1.5	34	0.68	491	60	15	>10000	12.30	1.04
	M180733	2.04	0.068	47.9	3.24	<5	440	1.6	58	0.70	496	59	14	3920	13.20	1.10
	M180734	2.28	0.060	47.9	3.23	<5	430	1.5	59	0.73	493	62	26	4810	13.50	1.04
	M180735	1.00	0.051	47.9	3.52	<5	420	1.9	51	0.78	467	56	18	5300	13.35	1.12
	M180736	1.36	0.050	46.0	3.65	<5	490	2.3	44	0.81	433	51	23	6840	12.05	1.15
	M180737	1.72	0.013	38.9	4.21	<5	500	2.1	49	0.53	213	32	29	4100	13.35	1.52
	M180738	1.22	<0.005	<0.5	7.08	<5	2400	1.3	3	0.81	4.4	4	36	142	1.95	3.66
	M180739	2.04	0.037	40.3	2.21	<5	450	1.5	47	0.15	134.0	18	27	1630	21.8	1.13
	M180740	3.76	0.060	44.3	3.51	<5	450	2.6	49	0.67	412	50	17	4240	13.75	1.02
	M180741	3.26	0.057	47.3	4.39	6	540	2.8	42	1.43	305	41	32	6810	12.15	1.54
	M180742	0.78	0.060	54.8	2.69	<5	310	2.3	60	0.51	438	53	15	3740	15.40	1.08



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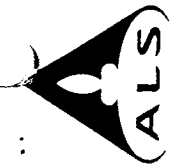
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 Total # Pages: 2 (A - C)
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Project: 1638

CERTIFICATE OF ANALYSIS VA04056288

Sample Description	Method Analyte Units LOR	ME-ICP61													Cu-AA46	
		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm	Cu %
M180729		0.96	812	16	0.32	21	370	>10000	>10.0	23	30	0.19	52	<10	>10000	0.01
M180730		1.04	796	16	0.59	21	390	>10000	>10.0	25	48	0.21	57	<10	>10000	0.01
M180731		0.90	683	14	0.54	18	320	>10000	>10.0	21	44	0.19	52	10	>10000	0.01
M180732		0.96	790	16	0.55	20	360	>10000	>10.0	22	42	0.19	52	<10	>10000	1.17
M180733		1.01	811	17	0.59	21	360	>10000	>10.0	26	45	0.19	51	<10	>10000	0.01
M180734		0.98	776	18	0.56	21	380	>10000	>10.0	22	47	0.20	55	<10	>10000	0.01
M180735		1.02	901	16	0.63	20	430	>10000	>10.0	18	52	0.23	62	<10	>10000	0.01
M180736		1.00	860	15	0.64	18	460	>10000	>10.0	20	53	0.22	65	<10	>10000	0.01
M180737		1.08	569	12	0.82	13	500	>10000	9.74	7	57	0.35	79	<10	>10000	0.01
M180738		0.77	443	2	2.24	9	610	418	0.23	<5	82	0.21	40	<10	799	0.01
M180739		0.29	180	17	0.26	1	410	>10000	5.05	18	25	0.20	55	<10	>10000	0.01
M180740		0.98	784	15	0.68	19	380	>10000	>10.0	20	56	0.20	56	<10	>10000	0.01
M180741		1.30	894	13	1.06	20	630	>10000	>10.0	16	89	0.42	91	<10	>10000	0.01
M180742		0.82	826	18	0.32	23	330	>10000	>10.0	25	35	0.17	52	<10	>10000	0.01



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Project: 1638

CERTIFICATE OF ANALYSIS VA04056288

Sample Description	Method Analyte Units LOR	Pb-AA46				Zn-AA46		Hg-CV41		ME-XRF05	
		Pb %	Zn %	Hg ppm	Se ppm	Zn %	Hg ppm				
M180729		5.11	13.25	0.93	<2						
M180730		5.09	12.85	0.90	<2						
M180731		4.61	10.90	0.81	<2						
M180732		5.19	13.20	0.98	<2						
M180733		5.10	13.00	0.92	<2						
M180734		5.14	13.00	0.89	<2						
M180735		5.06	12.45	0.91	<2						
M180736		5.00	12.10	0.88	<2						
M180737		4.59	5.96	0.50	<2						
M180738				0.01	<2						
M180739		4.13	3.80	0.90	<2						
M180740		4.59	11.95	0.96	<2						
M180741		3.90	8.34	0.82	<2						
M180742		5.58	11.80	0.97	<2						

CERTIFICATE VA04057545

Project: 1638

P.O. No.:

This report is for 10 Rock samples submitted to our lab in Vancouver, BC, Canada on 26-AUG-2004.

The following have access to data associated with this certificate:

JASON DUNNING ACCOUNTS PAYABLE

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

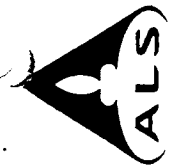
ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

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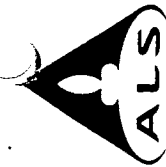
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Project: 1638

CERTIFICATE OF ANALYSIS VA04057545

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
M180743		1.12	<0.005	<0.5	7.35	<5	1040	1.0	<2	1.67	<0.5	7	130	57	4.39	8.44
M180744		0.42	<0.005	7.0	8.73	<5	850	3.6	20	0.47	<0.5	37	125	40	7.33	6.97
M180745		2.84	<0.005	<0.5	9.55	<5	1960	2.0	<2	0.68	<0.5	6	53	17	3.30	9.71
M180746		1.90	<0.005	<0.5	10.35	<5	1930	3.6	<2	2.06	<0.5	5	39	28	5.24	7.62
M180747		1.46	<0.005	<0.5	7.82	<5	1520	1.9	<2	1.88	<0.5	1	35	4	2.23	>10.0
M180748		1.60	<0.005	<0.5	7.06	<5	1160	2.1	<2	0.48	<0.5	2	150	8	1.05	7.40
M180749		2.06	<0.005	<0.5	6.17	<5	1080	4.8	<2	3.12	<0.5	5	71	2	1.21	3.29
M180750		2.36	<0.005	<0.5	6.35	6	620	2.5	<2	0.08	<0.5	1	86	13	1.42	3.71
M243004		1.66	<0.005	<0.5	8.88	5	3090	4.0	<2	3.91	<0.5	43	318	18	7.75	3.51
M243005		1.66	<0.005	<0.5	6.19	11	640	2.1	<2	0.30	<0.5	2	194	13	1.88	3.72



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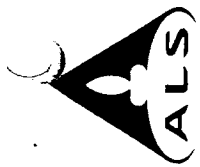
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Project: 1638

CERTIFICATE OF ANALYSIS VA04057545

Method Analyte Units LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Tl % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Hg-CV41 Hg ppm 0.01
M180743	0.33	634	3	0.26	3	1100	13	1.04	<5	52	0.49	24	<10	48	<0.01
M180744	0.64	242	2	0.18	5	2360	310	2.22	<5	176	1.26	183	10	23	<0.01
M180745	0.72	435	3	0.27	5	1110	98	0.31	<5	175	0.49	34	<10	27	<0.01
M180746	1.28	929	3	0.14	15	1350	144	0.49	<5	185	0.73	60	<10	57	<0.01
M180747	0.47	708	15	0.37	2	90	24	0.02	<5	81	0.38	46	10	21	<0.01
M180748	0.26	216	4	0.22	2	130	12	0.01	<5	38	0.12	10	<10	21	<0.01
M180749	0.20	422	4	0.09	3	250	9	0.02	<5	65	0.25	24	<10	9	<0.01
M180750	0.36	201	4	0.08	1	140	13	0.06	<5	13	0.18	7	<10	146	<0.01
M243004	5.65	1400	1	1.23	101	1020	17	0.02	<5	178	0.88	247	10	111	<0.01
M243005	0.48	178	7	0.66	9	150	38	0.16	<5	36	0.13	12	10	42	<0.01



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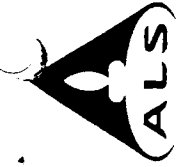
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Project: 1638

CERTIFICATE OF ANALYSIS VA04057545

Sample Description	Method Analyte Units LOR	ME-XRF05 Se ppm 2
M180743		<2
M180744		<2
M180745		<2
M180746		<2
M180747		<2
M180748		<2
M180749		<2
M180750		<2
M243004		<2
M243005		<2



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CERTIFICATE VA04062452

Project: 1638

P.O. No.:

This report is for 7 Rock samples submitted to our lab in Vancouver, BC, Canada on 13-SEP-2004.

The following have access to data associated with this certificate:

JASON DUNNING

ACCOUNTS PAYABLE

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

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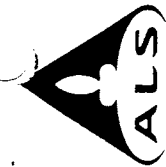
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Project: 1638

CERTIFICATE OF ANALYSIS VA04062452

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
	M180801	1.24	<0.005	<0.5	7.51	<5	1070	17.0	<2	6.28	4.5	23	177	221	4.66	1.00
	M180802	1.66	<0.005	<0.5	9.90	<5	1500	24.8	<2	9.25	24.8	27	332	88	5.80	2.80
	M180803	1.18	<0.005	3.8	3.69	<5	1360	4.3	19	1.40	16.8	9	210	81	4.24	2.75
	M180804	1.14	<0.005	0.7	6.98	<5	980	9.9	4	4.95	33.3	27	387	116	4.74	2.57
	M180805	1.74	<0.005	<0.5	8.92	<5	360	<0.5	<2	4.37	<0.5	35	58	234	3.95	0.24
	M180806	1.30	<0.005	<0.5	5.64	<5	850	1.4	<2	0.55	<0.5	3	131	10	2.65	0.54
	M243022	1.28	<0.005	1.4	4.02	<5	640	10.0	10	2.53	17.8	7	144	46	3.29	1.80



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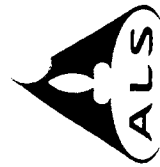
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Sample Description	Method Analyte Units LOR	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sr ppm	ME-ICP61 Ti %	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	Hg-CV41 Hg ppm
M180801		1.52	1030	4	1.30	60	1470	70	1.86	<5	454	0.84	176	<10	565	<0.01
M180802		0.89	1200	2	1.12	96	1720	184	1.58	<5	640	1.09	348	<10	5720	<0.01
M180803		0.82	391	29	0.48	30	1060	1260	1.14	<5	154	0.19	281	<10	3180	0.01
M180804		0.50	633	2	1.07	94	1520	551	2.01	<5	397	0.98	213	<10	6480	0.02
M180805		1.28	373	<1	4.01	39	230	25	1.22	<5	666	0.21	201	<10	28	<0.01
M180806		0.04	83	<1	3.38	5	180	18	1.72	<5	37	0.04	4	<10	13	0.01
M243022		0.79	454	41	0.73	42	300	703	1.22	<5	147	0.22	165	<10	3700	0.02

Project: 1638

CERTIFICATE OF ANALYSIS VA04062452

Sample Description	Method Analyte Units LOR	ME-XRF05 Se ppm 2
M180801		3
M180802		<2
M180803		8
M180804		<2
M180805		<2
M180806		<2
M243022		<2



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CERTIFICATE VA04052256

Project: 1638
 P.O. No.:
 This report is for 13 Rock samples submitted to our lab in Vancouver, BC, Canada on 5-AUG-2004.
 The following have access to data associated with this certificate:
 JASON DUNNING
 ACCOUNTS PAYABLE

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

To: EXPATRIATE RESOURCES LTD.
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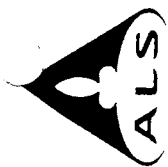
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Signature:

Project: 1638

CERTIFICATE OF ANALYSIS VA04052256

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
	M180592	1.28	<0.005	<0.5	3.41	<5	600	1.4	<2	0.38	0.5	4	187	230	3.17	1.36
	M180593	0.32	0.026	<0.5	4.32	<5	160	1.3	5	0.11	<0.5	5	267	32	6.09	2.16
	M180594	1.16	0.008	<0.5	6.94	<5	1190	2.6	<2	1.26	<0.5	31	164	294	9.04	1.49
	M180595	1.60	0.007	<0.5	5.85	<5	780	2.3	<2	1.40	<0.5	20	228	251	3.78	0.71
	M180596	0.66	<0.005	<0.5	7.07	<5	210	10.6	<2	1.10	<0.5	3	131	73	1.03	0.28
	M180983	2.86	<0.005	<0.5	6.88	<5	920	1.5	<2	0.37	<0.5	5	119	29	2.61	1.42
	M180984	1.46	0.005	0.5	5.14	<5	160	5.5	<2	0.38	<0.5	33	123	544	7.72	0.87
	M180985	1.10	<0.005	0.6	5.74	<5	100	5.0	<2	0.17	<0.5	49	133	970	12.50	1.12
	M180986	3.24	<0.005	<0.5	7.86	5	180	14.3	2	4.89	<0.5	38	174	787	8.11	1.59
	M180987	3.66	<0.005	<0.5	4.21	<5	610	1.9	<2	13.50	<0.5	8	57	215	7.85	0.84
	M180988	3.54	<0.005	<0.5	6.57	<5	160	2.0	<2	0.51	<0.5	14	108	474	9.44	2.72
	M180989	1.80	<0.005	<0.5	5.40	<5	320	4.6	<2	1.76	<0.5	13	206	75	3.50	0.91
	M180990	1.48	<0.005	3.8	7.42	5	100	1.9	7	0.47	<0.5	5	73	12	2.26	0.29



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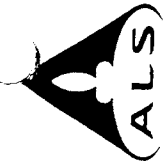
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Project: 1638

Page: 2 - B
 Total # Pages: 2 (A - C)
 Finalized Date: 21-AUG-2004
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CERTIFICATE OF ANALYSIS VA04052256

Sample Description	Method Analyte Units LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Hg-CV41 Hg ppm 0.01
M180592		0.70	496	13	0.36	22	160	11	0.81	<5	23	0.11	142	<10	21	<0.01
M180593		0.19	317	29	0.21	7	80	10	5.29	<5	16	0.23	82	<10	6	<0.01
M180594		4.00	1000	8	1.34	12	900	6	1.72	<5	46	0.83	188	10	79	<0.01
M180595		1.26	366	8	1.90	13	190	9	1.07	<5	62	0.21	53	<10	27	<0.01
M180596		0.11	561	1	2.94	2	60	18	0.16	<5	50	0.02	11	<10	21	<0.01
M180983		0.75	343	4	3.88	1	290	13	0.46	<5	41	0.22	21	<10	51	<0.01
M180984		1.40	559	15	1.29	27	460	9	2.79	<5	24	0.24	56	<10	34	<0.01
M180985		1.88	713	38	1.21	47	320	2	5.33	<5	16	0.26	69	10	28	<0.01
M180986		1.41	1410	7	0.41	21	1360	12	3.07	<5	116	0.91	215	10	31	<0.01
M180987		2.83	6380	5	0.19	2	610	13	1.58	<5	98	0.30	24	<10	132	<0.01
M180988		1.00	808	9	0.44	5	860	6	5.09	<5	40	0.29	51	10	54	<0.01
M180989		0.92	707	6	1.25	7	300	10	1.18	<5	88	0.17	35	<10	21	<0.01
M180990		0.02	52	5	6.1	<1	190	765	1.64	<5	106	0.22	3	<10	68	<0.01



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Project: 1638

CERTIFICATE OF ANALYSIS VA04052256

Sample Description	Method Analyte Units LOR	ME-XRF05 Se ppm 2
M180592		<2
M180593		3
M180594		3
M180595		<2
M180596		3
M180983		<2
M180984		3
M180985		9
M180986		7
M180987		<2
M180988		3
M180989		<2
M180990		<2

CERTIFICATE VA04062057

Project: 1638

P.O. No.:

This report is for 5 Rock samples submitted to our lab in Vancouver, BC, Canada on 14-SEP-2004.

The following have access to data associated with this certificate:

JASON DUNNING


ACCOUNTS PAYABLE

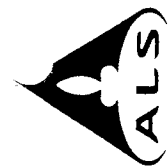
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF05	Trace Level XRF Analysis	XRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

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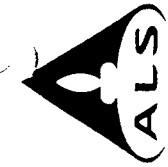
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 Project: 1638

Page: 2 - A
 Total Pages: 2 (A - C)
 Finalized Date: 24-SEP-2004
 Account: MPO

CERTIFICATE OF ANALYSIS VA04062057

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Au %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
	M243017	1.88	<0.005	<0.5	8.59	5	2010	5.7	<2	5.05	<0.5	22	68	134	7.34	5.71
	M243018	3.46	<0.005	<0.5	7.83	<5	760	6.9	<2	5.58	<0.5	38	61	121	7.67	5.08
	M243019	0.90	<0.005	<0.5	8.12	<5	1880	7.9	<2	4.44	<0.5	16	62	82	8.29	6.31
	M243020	1.36	<0.005	<0.5	7.87	<5	2000	4.6	<2	4.74	<0.5	27	58	66	8.14	6.08
	M243021	1.80	<0.005	<0.5	6.50	<5	4020	2.1	<2	4.58	1.3	21	113	171	4.80	1.62



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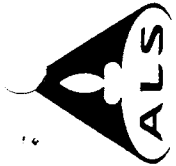
CERTIFICATE OF ANALYSIS VA04062057

Sample Description	Method Analyte Units LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Tl % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Hg-CV41 Hg ppm 0.01
M243017		0.73	1585	<1	0.33	5	2870	27	1.48	<5	126	1.72	245	10	121	<0.01
M243018		0.85	1775	1	0.27	16	2870	27	1.90	<5	150	1.52	213	10	134	<0.01
M243019		0.83	1550	<1	0.32	6	3110	23	1.06	<5	129	1.72	241	10	110	<0.01
M243020		1.00	1380	<1	0.35	14	2840	23	1.10	<5	148	1.53	213	10	172	<0.01
M243021		2.58	744	3	2.34	40	1820	120	0.40	<5	236	0.46	247	<10	201	<0.01

Project: 1638

CERTIFICATE OF ANALYSIS VA04062057

Sample Description	Method Analyte Units LOR	ME-XRF05 Se ppm 2
M243017		<2
M243018		<2
M243019		<2
M243020		<2
M243021		3



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 Finalized Date: 16-AUG-2004
 Account: MPO

CERTIFICATE VA04048966

Project: 1638

P.O. No.:

This report is for 76 Rock samples submitted to our lab in Vancouver, BC, Canada on 28-JUL-2004.

The following have access to data associated with this certificate:

JASON DUNNING | ACCOUNTS PAYABLE

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

To: EXPATRIATE RESOURCES LTD.
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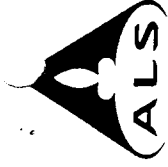
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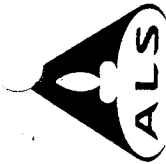
Signature:

Project: 1638

CERTIFICATE OF ANALYSIS VA04048966

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
M180509	1.46	<0.005	0.7	4.73	8	320	4.2	<2	0.17	<0.5	16	139	184	0.01	0.01
M180510	1.74	<0.005	0.5	3.81	9	3030	2.9	<2	0.46	<0.5	7	147	140	4.88	0.33
M180511	1.68	<0.005	<0.5	5.88	<5	630	1.9	<2	1.00	<0.5	8	66	40	3.11	0.86
M180512	1.32	<0.005	<0.5	9.19	<5	1120	5.4	<2	0.17	<0.5	2	43	4	7.47	3.54
M180513	1.30	<0.005	<0.5	8.84	6	410	2.4	<2	1.99	<0.5	9	41	41	1.78	5.75
M180514	1.42	<0.005	<0.5	7.66	7	920	3.2	<2	5.14	<0.5	36	156	16	4.46	1.58
M180515	1.74	<0.005	<0.5	7.73	5	1680	1.5	<2	0.09	<0.5	1	47	151	9.38	4.03
M180516	1.20	<0.005	<0.5	6.47	<5	1360	1.5	<2	0.06	<0.5	<1	140	110	2.94	7.09
M180517	2.98	<0.005	0.7	7.83	<5	380	2.4	<2	3.54	<0.5	90	43	261	2.32	5.75
M180518	2.06	<0.005	0.7	8.10	8	1840	1.4	<2	3.84	<0.5	9	73	122	9.54	5.72
M180519	1.92	0.020	0.5	7.80	<5	1020	3.1	13	4.84	<0.5	15	40	33	6.37	6.87
M180520	3.62	0.023	0.5	6.90	<5	860	3.7	7	5.23	<0.5	20	50	25	9.28	6.34
M180521	0.82	<0.005	<0.5	7.82	<5	430	2.3	<2	1.73	<0.5	4	48	20	9.51	5.17
M180522	0.70	<0.005	<0.5	6.65	1.7	1270	1.7	<2	0.02	1.3	1	44	38	3.23	3.60
M180523	2.48	0.005	2.7	5.68	<5	900	2.9	5	0.03	4.1	1	71	65	2.58	7.28
M180524	0.76	<0.005	0.5	3.38	27	170	2.4	<2	0.54	0.5	22	112	118	4.21	1.08
M180525	1.38	<0.005	<0.5	3.62	<5	>10000	1.9	<2	1.21	<0.5	6	144	19	3.27	1.68
M180526	0.98	<0.005	<0.5	5.14	5	550	1.3	2	0.13	<0.5	3	68	6	1.54	4.59
M180527	1.38	<0.005	1.0	6.08	13	320	2.9	22	0.04	<0.5	3	47	245	3.32	3.52
M180528	1.20	<0.005	1.1	6.80	52	440	3.1	10	0.01	<0.5	2	63	91	3.15	4.00
M180529	1.10	<0.005	<0.5	6.17	<5	890	2.6	<2	1.01	2.2	2	38	8	2.25	5.39
M180530	1.68	0.007	1.6	6.42	<5	630	2.1	4	0.07	<0.5	2	50	1505	3.80	3.97
M180531	1.72	<0.005	<0.5	6.77	<5	780	1.7	<2	1.14	<0.5	25	27	8	8.51	2.58
M180532	1.62	<0.005	0.5	6.66	<5	480	2.6	<2	0.13	0.5	7	67	392	3.57	3.15
M180533	0.86	<0.005	<0.5	6.20	<5	580	2.5	<2	0.06	6.5	5	78	110	4.14	3.12
M180534	1.32	0.014	<0.5	6.78	10	620	2.1	2	0.22	<0.5	26	33	248	7.02	3.86
M180535	0.52	<0.005	<0.5	6.24	<5	90	<0.5	<2	4.84	<0.5	16	81	993	4.31	0.23
M180536	0.94	<0.005	<0.5	6.99	6	240	1.7	<2	15.85	<0.5	9	60	16	2.88	1.44
M180537	0.94	<0.005	<0.5	8.38	<5	790	2.3	<2	3.47	<0.5	12	108	46	4.01	2.55
M180538	1.74	<0.005	<0.5	8.35	9	670	2.6	<2	2.22	<0.5	12	121	38	4.67	2.55
M180539	1.34	<0.005	<0.5	7.21	<5	370	2.7	<2	4.89	<0.5	31	70	85	9.35	0.64
M180540	1.48	<0.005	<0.5	8.01	<5	1730	2.2	<2	2.21	<0.5	10	54	36	4.76	4.23
M180541	3.50	<0.005	<0.5	6.65	<5	230	2.0	<2	11.35	<0.5	22	92	52	5.90	0.84
M180542	3.78	<0.005	<0.5	8.08	<5	200	2.2	3	6.46	<0.5	30	175	125	5.94	0.81
M180543	1.60	<0.005	<0.5	8.99	<5	460	1.8	<2	8.63	<0.5	18	169	59	4.74	1.35
M180544	0.86	<0.005	<0.5	7.89	<5	480	1.4	<2	6.00	<0.5	35	218	18	6.91	1.03
M180545	1.06	<0.005	<0.5	7.47	<5	1370	2.3	<2	1.46	<0.5	8	60	54	3.53	2.54
M180546	1.80	<0.005	<0.5	8.18	<5	1150	12.2	6	5.89	8.2	22	83	261	6.02	4.90
M180547	1.72	<0.005	0.7	7.44	<5	1860	7.3	<2	4.81	0.9	29	86	146	5.39	4.38
M180548	2.88	<0.005	<0.5	9.66	<5	1630	55.5	<2	7.29	<0.5	26	61	144	5.76	3.09



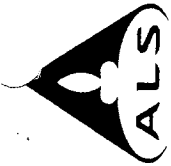


Method Analyte Units LOR	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sr ppm	ME-ICP61 Ti %	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	Hg-CV41 Hg ppm
M180509	0.22	240	1	0.01	42	720	76	1.39	<5	95	0.01	115	10	88	<0.01
M180510	0.08	175	1	0.04	29	1850	68	0.20	<5	237	0.19	132	10	49	<0.01
M180511	0.64	2880	4	0.11	5	1600	20	1.74	<5	41	0.71	35	<10	77	<0.01
M180512	1.08	281	4	0.23	3	150	8	0.01	<5	19	0.15	8	<10	83	<0.01
M180513	1.05	570	2	3.99	5	1160	9	0.29	<5	267	0.61	72	<10	50	<0.01
M180514	4.69	1635	1	0.39	45	1120	6	0.06	<5	174	1.20	335	10	91	<0.01
M180515	0.18	736	6	0.32	3	120	13	0.12	<5	53	0.29	26	<10	14	<0.01
M180516	0.18	294	4	0.20	3	270	10	0.16	<5	17	0.24	20	<10	92	<0.01
M180517	0.53	2460	4	0.18	12	2590	27	5.00	<5	64	2.30	301	20	93	<0.01
M180518	0.32	1390	4	0.23	9	2270	33	1.76	<5	65	1.48	195	10	36	<0.01
M180519	1.14	1385	1	0.36	5	3240	33	1.24	<5	146	1.61	183	<10	190	<0.01
M180520	1.40	2060	3	0.39	10	3130	26	1.12	<5	108	1.48	197	10	220	<0.01
M180521	0.50	1030	4	2.11	1	1700	17	0.11	<5	55	0.79	49	<10	9	<0.01
M180522	0.06	76	2	0.22	2	180	5	<0.01	<5	26	0.20	7	<10	87	<0.01
M180523	0.17	152	4	0.11	5	1680	4470	0.38	<5	78	0.25	78	<10	905	0.56
M180524	0.04	2950	1	0.05	33	2480	55	2.38	7	112	0.21	198	<10	94	0.04
M180525	0.44	3470	1	0.20	48	1600	39	0.03	<5	289	0.17	203	<10	46	<0.01
M180526	0.09	139	1	0.82	4	130	14	0.66	<5	25	0.10	41	<10	3	<0.01
M180527	0.52	225	5	0.03	6	260	20	1.02	<5	4	0.14	10	<10	34	<0.01
M180528	0.44	138	21	0.07	40	130	43	1.00	<5	17	0.11	100	<10	84	<0.01
M180529	0.19	698	2	0.30	3	200	3	0.04	<5	30	0.23	8	<10	264	<0.01
M180530	0.64	464	2	0.06	4	330	9	0.18	<5	17	0.18	14	<10	47	0.01
M180531	1.97	1170	2	0.07	10	2020	8	0.56	<5	118	1.28	315	10	284	0.03
M180532	0.76	486	2	0.06	20	210	9	0.22	<5	19	0.18	52	<10	292	0.12
M180533	0.56	225	2	0.05	10	160	36	1.80	<5	24	0.16	25	<10	1500	0.13
M180534	1.22	1025	4	0.10	10	940	10	2.40	<5	50	0.47	65	<10	134	<0.01
M180535	1.51	861	1	0.53	13	180	<2	0.62	<5	164	0.23	250	<10	57	<0.01
M180536	0.99	424	<1	0.89	22	340	10	0.07	5	2150	0.30	47	<10	69	<0.01
M180537	1.00	417	<1	1.70	26	500	20	0.98	<5	442	0.43	78	<10	65	<0.01
M180538	1.71	264	<1	1.39	31	1080	13	1.10	<5	362	0.40	87	<10	85	<0.01
M180539	2.82	1275	2	1.96	36	3000	4	0.32	<5	359	1.87	336	<10	67	0.01
M180540	0.69	670	<1	2.34	13	1210	38	0.56	<5	843	0.57	51	<10	97	<0.01
M180541	3.48	522	5	0.17	46	3500	17	2.52	<5	653	0.16	64	<10	116	<0.01
M180542	1.73	1030	1	0.42	50	380	16	0.72	<5	274	0.29	72	<10	134	<0.01
M180543	1.37	713	1	0.59	39	450	21	0.74	<5	1320	0.45	68	<10	56	<0.01
M180544	3.91	915	1	1.89	35	1170	4	0.12	<5	441	1.32	254	<10	84	<0.01
M180545	0.52	452	2	3.06	6	1360	4	0.69	<5	110	0.68	29	<10	32	<0.01
M180546	0.71	2750	1	0.44	16	1970	57	1.30	<5	96	1.65	335	<10	2770	0.01
M180547	0.82	2170	1	0.63	19	1890	84	1.12	<5	79	1.49	316	<10	609	<0.01
M180548	1.18	2590	<1	0.71	19	2120	37	1.64	<5	162	1.44	256	<10	335	<0.01

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Sample Description	Method Analyte Units LOR	ME-XRF05 Se ppm 2
M180509		<2
M180510		<2
M180511		<2
M180512		<2
M180513		<2
M180514		<2
M180515		<2
M180516		<2
M180517		<2
M180518		<2
M180519		<2
M180520		<2
M180521		<2
M180522		<2
M180523		<2
M180524		2
M180525		<2
M180526		<2
M180527		5
M180528		2
M180529		<2
M180530		15
M180531		<2
M180532		<2
M180533		3
M180534		<2
M180535		4
M180536		<2
M180537		<2
M180538		<2
M180539		<2
M180540		<2
M180541		<2
M180542		<2
M180543		<2
M180544		<2
M180545		<2
M180546		<2
M180547		<2
M180548		<2



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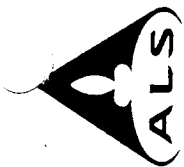
CERTIFICATE OF ANALYSIS VA04048966

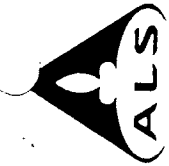
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-ICP61															
			Au-AA23 Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %		
M180549		3.18	<0.005	<0.5	8.33	<5	1810	5.4	<2	<0.5	5.80	<0.5	17	65	40	1	0.01	0.01
M180550		2.72	<0.005	<0.5	8.47	<5	2000	45.2	<2	<0.5	8.28	<0.5	38	57	259	40	4.66	4.72
M180551		1.66	<0.005	2.6	6.71	6	400	4.6	6	25.4	3.90	25.4	37	96	194	6.57	3.13	3.72
M180552		1.04	<0.005	<0.5	6.09	<5	550	12.4	<2	<0.5	4.02	<0.5	19	63	178	6.58	1.58	3.13
M180672		1.18	<0.005	<0.5	8.90	7	1040	4.8	2	<0.5	4.52	<0.5	15	101	9	3.95	1.88	1.58
M180673		0.84	<0.005	<0.5	6.62	<5	1460	5.0	<2	<0.5	1.71	<0.5	4	119	39	3.15	5.32	4.72
M180674		2.20	<0.005	<0.5	7.15	<5	60	11.9	2	<0.5	0.34	<0.5	1	144	8	0.55	2.75	4.72
M180675		1.36	<0.005	<0.5	7.99	<5	1350	2.3	2	1.15	0.56	<0.5	8	64	6	3.44	3.78	3.72
M180676		1.58	<0.005	<0.5	5.17	<5	700	2.5	2	2.25	0.51	<0.5	11	63	14	3.98	3.82	3.72
M180677		1.16	<0.005	<0.5	6.63	<5	1260	2.3	4	0.04	0.57	<0.5	2	48	25	1.94	4.52	3.13
M180678		1.56	<0.005	0.5	7.54	<5	1660	3.3	<2	<0.5	2.87	<0.5	12	40	526	6.40	5.50	4.72
M180679		1.88	<0.005	<0.5	7.41	14	1420	3.2	<2	2.36	2.4	<0.5	14	50	74	5.91	5.75	5.50
M180680		0.62	<0.005	<0.5	6.34	11	920	2.5	<2	0.56	1.2	<0.5	1	36	15	2.85	4.73	5.50
M180681		1.48	<0.005	<0.5	6.00	6	640	1.2	<2	0.51	11.5	<0.5	2	65	28	1.40	5.57	4.73
M180682		1.22	<0.005	<0.5	5.30	7	470	2.5	<2	0.57	<0.5	<0.5	<1	55	5	1.18	3.91	5.57
M180683		0.58	<0.005	<0.5	6.14	13	810	1.8	<2	0.57	<0.5	<0.5	3	56	7	3.09	6.01	3.91
M180684		1.42	<0.005	<0.5	6.42	<5	430	2.0	<2	0.39	<0.5	<0.5	2	39	7	1.77	5.62	6.01
M180685		0.48	<0.005	<0.5	7.55	<5	910	2.6	<2	1.38	<0.5	<0.5	6	82	13	3.51	4.59	5.62
M180686		1.32	<0.005	<0.5	6.22	<5	910	2.0	<2	0.68	<0.5	<0.5	1	62	3	3.15	5.73	4.59
M180687		0.88	<0.005	<0.5	7.32	12	950	4.2	<2	3.36	<0.5	<0.5	9	57	35	6.91	4.69	5.73
M180688		0.62	<0.005	<0.5	8.77	<5	230	6.7	<2	3.51	<0.5	<0.5	9	50	87	2.55	0.89	4.69
M180689		1.82	<0.005	<0.5	3.21	<5	40	2.6	6	10.05	<0.5	<0.5	55	55	240	21.8	0.10	0.89
M180690		1.98	<0.005	<0.5	10.10	<5	810	2.9	<2	4.14	<0.5	<0.5	16	92	36	4.54	3.98	0.10
M180691		2.56	<0.005	<0.5	9.66	<5	330	2.1	<2	7.77	<0.5	<0.5	11	86	18	4.50	2.39	3.98
M180692		1.40	<0.005	<0.5	10.40	8	210	152.5	<2	10.75	<0.5	<0.5	12	81	41	3.83	0.37	2.39
M180693		1.92	<0.005	<0.5	7.71	8	960	3.3	<2	1.11	<0.5	<0.5	3	48	10	2.67	3.17	0.37
M180694		2.68	<0.005	<0.5	6.94	<5	250	1.5	<2	5.45	<0.5	<0.5	20	47	79	7.47	2.20	3.17
M180695		1.82	<0.005	<0.5	8.02	<5	1140	2.0	<2	1.07	<0.5	<0.5	3	50	4	2.81	5.03	2.20
M180696		2.10	<0.005	<0.5	7.40	7	420	5.8	3	6.91	<0.5	<0.5	14	89	37	6.28	1.01	5.03
M180697		1.86	<0.005	<0.5	7.19	9	290	4.7	<2	8.67	<0.5	<0.5	18	123	40	4.03	0.62	1.01
M180698		2.96	<0.005	<0.5	8.09	<5	1580	24.8	<2	8.84	<0.5	<0.5	16	53	62	4.57	2.53	0.62
M180699		5.36	<0.005	<0.5	7.40	<5	770	2.8	2	3.16	<0.5	<0.5	8	49	8	3.81	0.98	2.53
M180700		4.04	<0.005	<0.5	4.77	<5	20	2.8	6	15.00	<0.5	<0.5	28	74	132	16.40	0.05	0.98
M180951		2.70	<0.005	<0.5	4.64	<5	80	4.2	<2	13.60	<0.5	<0.5	33	67	136	18.35	0.12	0.05
M180952		4.36	<0.005	<0.5	5.53	<5	20	1.5	5	16.25	<0.5	<0.5	14	41	73	13.40	0.04	0.12
M180953		3.26	<0.005	<0.5	8.15	<5	590	9.5	<2	9.50	<0.5	<0.5	32	60	51	6.82	3.53	0.04

Project: 1638

CERTIFICATE OF ANALYSIS VA04048966

Sample Description	Method Analyte Units LOR	ME-ICP61 Mis % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 TI % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Hg-CV41 Hg ppm 0.01
M180549		1.04	1575	1	0.96	22	2570	53	0.49	<5	138	2.13	432	<10	257	<0.01
M180550		1.54	2660	<1	0.48	29	1940	41	1.32	<5	140	1.40	325	<10	312	<0.01
M180551		0.93	1235	4	0.88	24	1700	621	3.22	<5	158	1.39	294	<10	6590	0.05
M180552		1.69	1680	4	1.04	19	930	18	0.70	<5	124	0.85	190	<10	239	<0.01
M180672		1.56	596	<1	3.10	47	380	9	0.07	<5	1005	0.43	79	<10	66	<0.01
M180673		0.38	2000	3	0.52	6	200	14	0.43	<5	38	0.24	26	<10	38	<0.01
M180674		0.06	370	2	3.49	5	190	24	0.01	<5	25	0.02	2	<10	15	<0.01
M180675		0.79	373	3	2.72	9	930	17	0.10	<5	188	0.49	52	<10	58	<0.01
M180676		0.52	845	1	0.20	5	1160	10	0.37	<5	63	0.29	106	<10	30	<0.01
M180677		0.23	344	5	0.09	1	170	24	0.04	<5	23	0.18	13	<10	337	0.01
M180678		0.74	1875	2	0.30	3	2620	17	1.13	<5	44	1.06	94	<10	39	<0.01
M180679		0.79	1545	2	0.29	13	2200	35	0.87	<5	63	0.86	80	<10	447	<0.01
M180680		0.46	235	2	0.98	<1	180	7	0.06	<5	55	0.23	9	<10	230	<0.01
M180681		0.09	401	3	0.63	3	340	17	0.08	<5	47	0.14	25	<10	1735	0.02
M180682		0.21	394	2	0.09	1	120	36	0.11	<5	27	0.13	9	<10	30	<0.01
M180683		0.37	631	5	0.16	3	270	4	0.58	<5	18	0.20	7	<10	13	<0.01
M180684		0.37	401	3	0.10	3	370	15	0.19	<5	23	0.16	13	<10	10	<0.01
M180685		0.77	555	2	1.00	6	770	16	0.18	<5	70	0.40	39	<10	108	<0.01
M180686		0.29	1645	3	0.63	<1	190	8	0.11	<5	24	0.21	21	<10	12	<0.01
M180687		1.08	1195	1	1.03	4	1850	21	0.61	<5	120	0.85	86	<10	72	<0.01
M180688		0.77	122	2	4.30	9	660	18	0.90	<5	793	0.38	23	<10	15	<0.01
M180689		1.22	3320	1	0.12	32	520	3	8.16	5	334	0.12	32	<10	40	<0.01
M180690		1.70	560	1	0.91	35	250	12	0.74	<5	813	0.35	64	<10	82	<0.01
M180691		1.42	343	<1	1.38	28	370	10	0.35	<5	1830	0.38	68	<10	75	<0.01
M180692		1.14	705	<1	2.05	35	490	15	0.62	<5	2110	0.38	58	<10	124	<0.01
M180693		0.48	282	1	3.00	1	750	19	0.13	<5	206	0.33	29	<10	41	<0.01
M180694		1.46	1370	1	1.52	9	3880	32	1.48	<5	1160	0.99	78	<10	148	<0.01
M180695		0.35	358	2	2.10	<1	760	33	0.09	<5	167	0.34	25	<10	79	<0.01
M180696		2.07	378	1	0.39	21	580	38	1.14	<5	1025	0.36	65	<10	7	<0.01
M180697		1.80	998	1	0.75	36	530	33	0.54	<5	586	0.45	70	<10	61	<0.01
M180698		3.08	934	1	1.66	29	440	6	0.41	<5	495	0.27	51	<10	32	<0.01
M180699		1.02	509	2	3.89	4	1080	7	0.16	<5	202	0.69	84	<10	18	<0.01
M180700		0.80	3650	<1	0.08	17	720	7	4.84	<5	662	0.14	35	<10	28	<0.01
M180951		0.62	4190	2	0.10	21	560	6	5.43	<5	322	0.16	35	<10	33	<0.01
M180952		0.58	4810	<1	0.06	9	890	5	2.97	<5	506	0.13	35	<10	22	<0.01
M180953		1.30	1915	3	0.89	20	1340	19	0.44	<5	225	1.26	335	<10	153	<0.01





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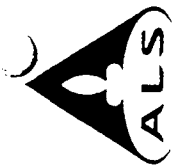
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Project: 1638

CERTIFICATE OF ANALYSIS VA04048966

Sample Description	Method Analyte Units LOR	ME-XRF05 Se ppm 2
M180549		<2
M180550		<2
M180551		<2
M180552		<2
M180672		<2
M180673		<2
M180674		<2
M180675		<2
M180676		<2
M180677		<2
M180678		<2
M180679		<2
M180680		<2
M180681		<2
M180682		<2
M180683		<2
M180684		<2
M180685		<2
M180686		<2
M180687		<2
M180688		<2
M180689		<2
M180690		<2
M180691		<2
M180692		<2
M180693		<2
M180694		<2
M180695		<2
M180696		<2
M180697		<2
M180698		<2
M180699		<2
M180700		<2
M180951		<2
M180952		<2
M180953		<2



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CERTIFICATE VA04048967

Project: 1638

P.O. No.:

This report is for 69 Rock samples submitted to our lab in Vancouver, BC, Canada on 28-JUL-2004.

The following have access to data associated with this certificate:

JASON DUNNING

ACCOUNTS PAYABLE

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

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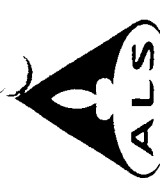
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

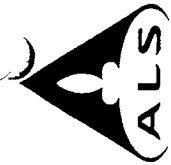
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Project: 1638

CERTIFICATE OF ANALYSIS VA04048967

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au ppm	Au-AA23 ppm	Ag ppm	ME-ICP61 %	AI ppm	AS ppm	ME-ICP61 ppm	Ba ppm	ME-ICP61 ppm	Be ppm	BI ppm	ME-ICP61 %	Ca ppm	ME-ICP61 ppm	Cd ppm	CO ppm	ME-ICP61 ppm	Cr ppm	ME-ICP61 ppm	Cu ppm	Fe ppm	ME-ICP61 %	K %
M180553		1.92	<0.005	0.6	0.8	7.09	<5	920	7.3	<2	3.49	<0.5	8	93	75	3.85	4.19	86	90	86	90	4.86	2.38		
M180554		1.04	<0.005	<0.5	8.71	11.30	<5	2490	2.2	<2	3.73	<0.5	21	133	88	5.40	3.49	3530	3420	12.10	0.01	0.01	0.01		
M180555		0.68	<0.005	5.9	11.70	3.19	<5	2050	1.6	<2	2.20	2.7	6	76	76	5.75	4.00	55	11	65	110	3.17	3.77		
M180556		1.50	<0.005	40.7	3.19	6.32	<5	350	2.0	<2	1.26	0.5	7	113	24	4.75	4.00	21	5	401	7.81	0.31	0.31		
M180557		0.88	<0.005	<0.5	7.62	7.16	<5	1060	2.7	<2	4.97	<0.5	12	10	642	7.18	1.00	2	89	65	3.36	2.53			
M180558		1.14	<0.005	<0.5	7.08	7.08	<5	1220	5.1	<2	1.36	<0.5	2	89	65	3.36	2.53	2	127	95	2.81	1.54			
M180559		2.44	<0.005	<0.5	6.81	6.81	<5	670	2.9	<2	2.71	<0.5	3	9	325	3.26	2.49	8	12	162	6.98	0.91			
M180560		1.68	<0.005	<0.5	6.65	6.65	<5	1820	1.9	<2	0.02	<0.5	<1	8	12	1.62	6.98	14	105	1225	3.32	1.04			
M180561		1.60	0.022	1.1	4.28	7.16	<5	250	3.3	<2	2.28	1.7	3	155	1845	4.13	0.93	3	155	1845	4.13	0.93			
M180562		2.24	<0.005	<0.5	7.85	7.85	<5	820	2.3	<2	4.67	<0.5	17	10	642	7.18	1.00	2	89	65	3.36	2.53			
M180563		2.20	<0.005	<0.5	7.08	7.08	<5	1220	5.1	<2	1.36	<0.5	2	89	65	3.36	2.53	2	127	95	2.81	1.54			
M180564		1.42	<0.005	<0.5	6.81	6.81	<5	670	2.9	<2	2.71	<0.5	3	9	325	3.26	2.49	8	12	162	6.98	0.91			
M180565		0.80	<0.005	<0.5	6.65	6.65	<5	1820	1.9	<2	0.02	<0.5	<1	8	12	1.62	6.98	14	105	1225	3.32	1.04			
M180566		2.26	<0.005	<0.5	6.13	6.13	<5	250	3.3	<2	2.28	1.7	3	155	1845	4.13	0.93	3	155	1845	4.13	0.93			
M180567		1.80	<0.005	<0.5	7.85	7.85	<5	820	2.3	<2	4.67	<0.5	17	10	642	7.18	1.00	2	89	65	3.36	2.53			
M180568		2.66	<0.005	<0.5	7.65	7.65	<5	910	5.3	<2	4.66	<0.5	4	18	130	5.82	2.67	4	118	535	4.04	1.04			
M180569		2.36	<0.005	<0.5	7.10	7.10	<5	270	2.3	<2	1.64	<0.5	9	118	535	4.04	1.04	9	118	535	4.04	1.04			
M180570		1.54	<0.005	<0.5	7.64	7.64	<5	360	3.5	<2	1.26	<0.5	10	91	741	4.50	0.91	10	91	741	4.50	0.91			
M180571		1.54	<0.005	<0.5	7.19	7.19	<5	350	2.8	<2	1.72	<0.5	6	12	457	5.32	0.76	6	12	457	5.32	0.76			
M180572		1.80	<0.005	<0.5	5.75	5.75	<5	690	1.9	<2	0.61	<0.5	4	77	920	5.85	2.00	4	77	920	5.85	2.00			
M180573		3.06	<0.005	<0.5	6.07	6.07	<5	190	2.0	<2	0.80	<0.5	14	131	190	6.84	2.45	14	131	190	6.84	2.45			
M180574		0.74	<0.005	0.9	10.85	10.85	<5	250	<0.5	<2	0.04	<0.5	3	108	79	3.71	0.30	3	108	79	3.71	0.30			
M180575		2.02	<0.005	<0.5	6.83	6.83	<5	570	1.9	<2	0.14	<0.5	13	84	350	5.20	3.49	13	84	350	5.20	3.49			
M180576		1.68	<0.005	1.3	8.24	8.24	<5	640	13.9	<2	6.33	25.5	18	282	317	5.90	1.00	18	282	317	5.90	1.00			
M180577		1.86	<0.005	1.8	9.08	9.08	<5	360	13.1	<2	6.14	53.5	18	285	182	6.01	3.71	18	285	182	6.01	3.71			
M180578		1.94	<0.005	<0.5	6.86	6.86	<5	3730	5.9	<2	1.07	0.7	5	157	21	2.91	4.49	5	157	21	2.91	4.49			
M180579		1.34	<0.005	0.9	10.85	10.85	<5	1050	5.1	<2	3.11	0.5	35	331	231	6.94	3.87	35	331	231	6.94	3.87			
M180580		1.50	<0.005	<0.5	5.81	5.81	<5	1380	3.2	<2	0.80	<0.5	<1	12	6	1.30	4.04	<1	12	6	1.30	4.04			
M180581		2.08	<0.005	<0.5	6.54	6.54	<5	1020	2.3	<2	0.89	<0.5	2	116	80	2.89	2.10	2	116	80	2.89	2.10			
M180582		1.42	<0.005	0.7	5.59	5.59	<5	1530	4.4	<2	0.93	0.5	<1	116	18	1.86	1.00	<1	116	18	1.86	1.00			
M180583		1.08	<0.005	0.9	7.23	7.23	<5	1290	5.1	<2	2.14	68.4	6	11	37	2.25	1.28	6	11	37	2.25	1.28			
M180584		3.96	<0.005	<0.5	6.74	6.74	<5	1320	3.7	<2	0.76	0.6	6	106	196	3.04	2.96	6	106	196	3.04	2.96			
M180585		4.02	<0.005	<0.5	6.59	6.59	<5	190	3.7	<2	0.91	<0.5	66	206	414	10.40	1.30	66	206	414	10.40	1.30			
M180586		0.26	<0.005	0.5	8.57	8.57	<5	910	35.9	<2	6.02	<0.5	29	168	270	9.91	0.97	29	168	270	9.91	0.97			
M180587		1.08	<0.005	<0.5	8.05	8.05	<5	3130	2.8	<2	0.84	<0.5	6	54	16	2.68	3.69	6	54	16	2.68	3.69			





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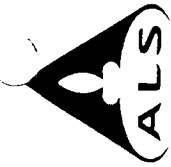
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Sample Description	Method Analyte Units LOR	ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61	
		Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	NI ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Se ppm 1	Si ppm 1	TI % 0.01	V ppm 1	W ppm 10	Zn ppm 2	Pb % 0.01						
M180553		0.96	1145	3	0.30	28	1770	44	1.06	<5	138	1.01	175	10	155								
M180554		1.97	466	2	1.56	33	730	22	0.26	<5	368	0.49	122	<10	134								
M180555		1.51	748	<1	2.57	27	480	85	0.29	<5	458	0.53	121	<10	134								
M180556		1.78	841	2	2.63	11	1090	467	0.76	<5	201	0.70	134	<10	823								
M180557		1.00	816	14	0.62	19	320	>10000	>10.0	22	45	0.19	49	<10	>10000								
M180558		0.35	311	2	3.25	3	390	48	0.14	<5	201	0.28	13	<10	111								
M180559		0.59	1130	3	1.26	5	970	26	0.51	<5	78	0.52	36	10	90								
M180560		1.19	2060	7	0.10	13	590	26	1.06	<5	106	0.66	112	<10	130								
M180561		0.44	1235	1	0.35	<1	120	36	0.55	<5	25	0.18	4	<10	68								
M180562		2.89	1130	<1	2.58	13	690	20	0.39	<5	650	1.06	353	<10	72								
M180563		3.10	1500	<1	0.24	19	2220	14	0.88	<5	129	1.83	340	<10	182								
M180564		0.75	1440	3	0.58	3	140	12	0.45	<5	39	0.20	10	<10	1145								
M180565		0.68	806	5	2.55	3	900	12	1.19	<5	82	0.41	35	<10	99								
M180566		0.97	1410	8	0.28	7	190	8	0.41	<5	29	0.16	33	10	166								
M180567		1.44	2460	1	1.28	<1	980	17	1.20	<5	78	0.55	45	<10	122								
M180568		0.51	762	2	2.12	2	300	7	0.19	<5	38	0.31	14	<10	25								
M180569		0.28	789	<1	2.76	2	230	11	0.32	<5	35	0.24	19	<10	31								
M180570		0.07	62	3	0.36	<1	100	45	0.59	<5	29	0.10	14	<10	37								
M180571		2.01	3530	2	0.26	4	3800	24	1.00	<5	91	0.99	71	<10	63								
M180572		2.18	1830	<1	2.55	8	2160	47	0.49	<5	310	1.67	382	<10	204								
M180573		1.35	2460	2	1.73	2	670	12	0.59	<5	78	0.57	65	<10	60								
M180574		0.21	936	3	3.22	2	960	12	1.40	<5	66	0.56	28	<10	8								
M180575		0.53	662	<1	3.43	6	1040	9	1.15	<5	107	0.59	36	<10	23								
M180576		0.36	910	1	2.88	2	890	14	0.65	<5	84	0.53	41	<10	11								
M180577		0.74	1220	5	0.38	2	750	6	1.56	<5	16	0.46	38	<10	36								
M180578		0.45	828	4	0.47	1	770	10	5.22	<5	22	0.21	38	<10	56								
M180579		0.06	45	62	0.02	3	130	4	0.47	<5	10	0.04	205	<10	25								
M180580		0.51	371	8	0.25	2	250	11	1.87	<5	12	0.21	28	<10	8								
M180581		0.80	842	<1	2.05	68	2460	335	2.47	<5	469	1.25	204	<10	3130								
M180582		0.66	1235	<1	1.50	67	2790	1060	3.03	<5	357	1.56	307	<10	>10000								
M180583		1.33	407	2	1.02	30	360	150	0.07	<5	144	0.25	50	<10	422								
M180584		1.97	1120	<1	1.26	112	2130	80	1.55	<5	410	0.12	349	10	295								
M180585		0.73	270	1	0.89	5	120	14	0.02	<5	130	0.12	9	<10	48								
M180586		0.57	404	2	2.27	4	220	24	0.89	<5	75	0.16	16	<10	178								
M180587		0.14	77	2	2.37	3	160	127	0.55	<5	136	0.14	8	<10	29								
M180588		0.22	338	1	2.69	6	240	58	1.21	<5	312	0.21	11	<10	>10000								
M180589		0.51	385	3	1.27	2	320	10	0.97	<5	31	0.22	18	<10	39								
M180590		3.97	937	3	0.97	43	1020	13	2.88	<5	74	0.93	244	10	134								
M180591		4.07	3130	<1	1.02	41	1340	8	1.59	<5	110	1.48	331	<10	123								
M180953		0.57	673	1	2.58	9	770	20	0.02	<5	1020	0.26	81	<10	60								



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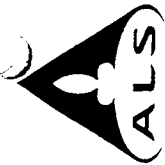
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Sample Description	Method Analyte Units LOR	Zn-AA46 Zn % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
M180553			<0.01	<2
M180554			<0.01	2
M180555			<0.01	<2
M180556			<0.01	<2
M180557		13.40	0.80	<2
M180558			<0.01	<2
M180559			<0.01	<2
M180560			<0.01	<2
M180561			<0.01	<2
M180562			<0.01	<2
M180563			<0.01	<2
M180564			<0.01	<2
M180565			<0.01	2
M180566			<0.01	<2
M180567			<0.01	<2
M180568			<0.01	<2
M180569			<0.01	<2
M180570			<0.01	<2
M180571			<0.01	<2
M180572			<0.01	<2
M180573			<0.01	<2
M180574			<0.01	<2
M180575			<0.01	<2
M180576			<0.01	<2
M180577			0.01	<2
M180578			<0.01	4
M180579			<0.01	6
M180580			<0.01	3
M180581			<0.01	5
M180582		1.96	0.06	<2
M180583			<0.01	<2
M180584			<0.01	3
M180585			<0.01	<2
M180586			<0.01	<2
M180587			<0.01	<2
M180588		1.12	0.22	2
M180589			<0.01	<2
M180590			<0.01	5
M180591			<0.01	<2
M180953			<0.01	<2



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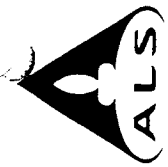
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Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	AU-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
M180954		0.92	<0.005	<0.5	7.17	7	1400	3.0	<2	3.09	<0.5	19	70	96	6.26	6.25
M180955		0.56	<0.005	<0.5	6.43	11	990	1.1	<2	0.94	<0.5	1	9	9	1.33	5.54
M180956		2.36	<0.005	0.8	6.34	32	960	2.1	<2	0.07	<0.5	2	101	7	1.44	6.55
M180957		1.88	<0.005	<0.5	7.37	10	860	6.9	<2	4.57	<0.5	23	81	56	7.71	4.42
M180958		2.68	<0.005	0.5	4.83	<5	940	3.4	<2	0.54	0.5	3	14	39	1.37	1.85
M180959		1.88	0.006	<0.5	6.60	<5	830	1.5	<2	2.36	<0.5	22	137	188	6.85	0.79
M180960		3.80	<0.005	0.6	4.36	<5	40	3.6	2	13.35	29.2	40	72	397	9.08	0.10
M180961		3.30	<0.005	<0.5	7.73	<5	520	15.5	8	12.40	0.6	12	103	103	6.04	0.90
M180962		0.60	<0.005	<0.5	7.06	6	690	6.3	<2	10.45	<0.5	18	89	82	6.35	0.39
M180963		2.06	<0.005	<0.5	2.60	<5	1480	1.7	<2	0.58	<0.5	13	231	122	2.11	1.20
M180964		2.20	<0.005	0.9	2.86	<5	130	13.4	<2	8.23	5.7	27	24	850	8.81	0.13
M180965		2.42	0.007	<0.5	6.38	22	460	1.8	<2	0.19	<0.5	2	121	13	1.34	6.69
M180966		1.56	<0.005	0.6	6.46	<5	500	2.1	<2	0.12	<0.5	1	145	24	2.07	5.11
M180967		1.10	0.009	0.8	1.98	23	680	1.0	<2	0.02	<0.5	<1	78	16	1.07	0.91
M180968		1.06	<0.005	0.6	6.26	<5	820	3.6	<2	1.12	1.9	3	130	43	2.29	2.75
M180969		3.10	<0.005	<0.5	8.58	5	800	57.4	<2	9.81	1.4	20	329	150	5.63	0.70
M180970		3.56	<0.005	0.7	7.97	8	640	70.5	<2	10.30	5.2	31	300	77	6.19	2.42
M180971		2.34	<0.005	0.7	6.63	<5	380	12.2	<2	4.07	16.8	15	332	160	4.88	1.84
M180972		1.50	<0.005	1.7	3.58	<5	510	3.2	6	1.84	21.3	12	197	128	4.13	1.75
M180973		2.36	<0.005	0.7	8.66	<5	920	10.4	<2	5.87	29.9	34	293	209	5.90	4.02
M180974		1.40	<0.005	<0.5	6.76	7	1190	1.0	<2	3.88	<0.5	40	207	293	5.72	0.69
M180975		2.40	<0.005	1.7	7.73	9	320	8.9	4	5.64	80.4	32	213	128	5.25	2.89
M180976		2.58	<0.005	0.9	8.66	<5	390	14.0	<2	6.22	36.4	34	124	167	5.50	2.74
M180977		2.08	<0.005	0.5	2.35	12	1440	1.4	<2	0.05	0.5	1	242	17	1.67	1.12
M180978		3.14	<0.005	<0.5	3.04	<5	1010	1.5	<2	0.29	3.4	3	194	46	1.66	1.92
M180979		2.54	<0.005	0.7	2.00	11	1340	1.1	<2	0.02	<0.5	<1	67	14	1.60	1.04
M180980		4.70	<0.005	0.6	2.24	<5	1320	1.4	<2	0.06	0.9	3	212	30	1.07	1.16
M180981		1.12	<0.005	0.5	2.96	8	900	1.8	<2	1.02	<0.5	8	234	67	2.16	0.82
M180982		1.30	<0.005	<0.5	5.81	7	6270	3.0	<2	0.88	1.6	8	57	78	2.81	2.38



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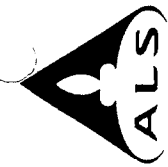
EXPATRIATE RESOURCES LTD.
 701-475 HOWE ST
 VANCOUVER BC V6C 2B3

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Project: 1638

CERTIFICATE OF ANALYSIS VA04048967

Method Analyte Units LOR	Sample Description	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Tl % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Pb-AA46 % 0.01
	M180954	1.22	1070	1	0.55	9	2250	31	0.58	<5	134	1.03	98	10	84	
	M180955	0.06	322	<1	1.70	<1	220	10	0.02	<5	56	0.23	15	<10	7	
	M180956	0.09	302	3	0.83	2	110	17	0.31	<5	17	0.18	5	<10	17	
	M180957	1.21	1135	<1	0.37	12	2650	19	0.48	<5	129	1.54	238	10	90	
	M180958	0.22	174	1	1.90	2	120	268	0.63	<5	45	0.07	9	<10	249	
	M180959	3.07	1070	<1	1.69	20	1130	8	0.07	<5	140	1.04	191	<10	102	
	M180960	4.26	4450	<1	0.54	20	920	28	0.98	<5	716	0.21	44	<10	4430	
	M180961	2.33	2520	1	0.39	4	1640	30	0.40	<5	256	0.92	244	<10	128	
	M180962	2.83	2470	<1	1.78	22	480	15	0.30	<5	821	0.27	92	<10	107	
	M180963	0.79	156	4	0.56	48	910	<2	0.58	<5	41	0.12	243	<10	51	
	M180964	4.75	3960	<1	0.84	14	990	16	1.30	<5	249	0.16	18	<10	2090	
	M180965	0.19	124	1	0.21	3	320	26	0.48	<5	25	0.11	11	<10	45	
	M180966	0.38	168	3	0.20	2	200	211	0.97	<5	58	0.13	11	<10	97	
	M180967	0.14	35	2	0.02	7	120	10	0.26	<5	27	0.09	57	<10	13	
	M180968	1.06	334	9	1.22	8	220	160	0.31	<5	126	0.12	88	<10	353	
	M180969	0.64	1550	<1	1.36	69	2480	63	1.40	<5	283	1.56	272	<10	657	
	M180970	1.60	1650	<1	0.95	128	1740	121	0.84	<5	268	1.24	240	<10	1485	
	M180971	0.85	941	12	0.25	88	1910	270	1.98	<5	144	0.71	309	<10	2880	
	M180972	0.56	531	6	0.34	50	300	1445	1.98	<5	103	0.19	130	<10	4350	
	M180973	0.81	1160	<1	0.92	90	1960	279	2.28	<5	388	1.34	270	<10	8570	
	M180974	3.56	1115	<1	2.88	77	510	17	0.59	<5	347	0.64	245	<10	116	
	M180975	0.68	821	1	0.72	65	1340	267	2.62	<5	329	0.97	182	<10	>10000	
	M180976	0.65	706	2	1.15	62	1890	120	2.52	<5	353	1.32	200	<10	4320	
	M180977	0.15	59	2	0.04	7	660	55	0.31	<5	81	0.07	156	<10	87	
	M180978	0.52	200	16	0.11	27	1040	64	0.45	<5	54	0.13	170	<10	391	
	M180979	0.09	37	4	0.04	3	500	51	0.38	<5	38	0.07	110	<10	32	
	M180980	0.15	42	2	0.26	9	350	54	0.28	<5	38	0.06	97	<10	50	
	M180981	0.53	2460	2	0.12	76	270	29	0.25	<5	321	0.17	112	<10	293	
	M180982	1.10	1035	2	0.66	46	470	102	0.11	<5	303	0.24	85	<10	275	



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CERTIFICATE OF ANALYSIS VA04048967

Sample Description	Method Analyte Units LOR	Zn-AA46 Zn % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
M180954		<0.01	<0.01	<2
M180955		<0.01	<0.01	<2
M180956		<0.01	<0.01	<2
M180957		<0.01	<0.01	<2
M180958		0.01	0.01	<2
M180959		<0.01	<0.01	<2
M180960		0.03	0.03	3
M180961		<0.01	<0.01	<2
M180962		<0.01	<0.01	<2
M180963		<0.01	<0.01	<2
M180964		<0.01	<0.01	<2
M180965		<0.01	<0.01	<2
M180966		0.02	0.02	<2
M180967		0.02	0.02	<2
M180968		<0.01	<0.01	<2
M180969		<0.01	<0.01	2
M180970		<0.01	<0.01	<2
M180971		<0.01	<0.01	<2
M180972		<0.01	<0.01	<2
M180973		<0.01	<0.01	<2
M180974		<0.01	<0.01	<2
M180975		1.48	0.04	<2
M180976		0.03	0.03	2
M180977		0.43	0.43	2
M180978		0.16	0.16	4
M180979		0.26	0.26	5
M180980		0.09	0.09	4
M180981		<0.01	<0.01	<2
M180982		<0.01	<0.01	<2

Appendix G – Diamond Drill Logs for GN04-14, 15, 16 &17

DRILL LOG

PROJECT GOALNET 2004 REGIONAL DRILLING (GNO4RD)	GROUND ELEV. 1500m															
HOLE NO. GNO4-14	BEARING 220°															
LOCATION GOALNET, THUNDERSTUCK TARLET, FINLAYSON DISTRICT, YUKON	DIP -85°															
	TOTAL LENGTH 129.0m															
LOGGED BY DAVID LEGAULT	HORIZONTAL PROJECT															
DATE SEPT 25, 2004	VERTICAL PROJECT															
CONTRACTOR TITAN DRILLING LTD.	<table border="1"> <thead> <tr> <th colspan="2">ALTERATION SCALE</th> <th>FRacture INT.</th> </tr> </thead> <tbody> <tr> <td>absent (0)</td> <td>(0)</td> <td></td> </tr> <tr> <td>slight (1)</td> <td>(1)</td> <td></td> </tr> <tr> <td>moderate (2)</td> <td>(2)</td> <td></td> </tr> <tr> <td>intense (3)</td> <td>(3)</td> <td></td> </tr> </tbody> </table>	ALTERATION SCALE		FRacture INT.	absent (0)	(0)		slight (1)	(1)		moderate (2)	(2)		intense (3)	(3)	
ALTERATION SCALE		FRacture INT.														
absent (0)	(0)															
slight (1)	(1)															
moderate (2)	(2)															
intense (3)	(3)															
CORE SIZE NQ	<table border="1"> <thead> <tr> <th colspan="2">TOTAL SULPHIDE SCALE</th> </tr> </thead> <tbody> <tr> <td>traces only (0)</td> <td></td> </tr> <tr> <td>< 1% (1)</td> <td></td> </tr> <tr> <td>1% - 3% (2)</td> <td></td> </tr> <tr> <td>3% - 10% (3)</td> <td></td> </tr> <tr> <td>> 10% (4)</td> <td></td> </tr> </tbody> </table>	TOTAL SULPHIDE SCALE		traces only (0)		< 1% (1)		1% - 3% (2)		3% - 10% (3)		> 10% (4)				
TOTAL SULPHIDE SCALE																
traces only (0)																
< 1% (1)																
1% - 3% (2)																
3% - 10% (3)																
> 10% (4)																
DATE STARTED SEPT 25, 2004																
DATE COMPLETED																
DIP TESTS																
COMMENTS THE PURPOSES OF THIS DRILL HOLE WAS TO: 1) INTERCEPT 30cm SURFACE SHOWING HORIZON OF MASSIVE SULPHIDE 2) ACCUMULATE STRATIGRAPHIC DATA 3) GLORY.	LEGEND															

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					Sil	Sou	Chl	Clay	Mt		
1	100			0.0-3.1 m DHOB-							
2				Overburden							0%
3				traces of coarse-grained calcite & chlorite veins + Kfs/Gt							
4	20			2.4-3.3 m fine ash tuff, 5% fragments (4 mm to 9 mm) of plagioclase, 30% fine-grained calcite, 1-3% 2-4 mm Kfs.							0%
5	20			3.03-4.43 m FV ash tuff, fine grained.							0%
5				4.43-5.16 m M/I, ash tuff, 2-3% fragments (2-10 mm), traces of Gt, 3-4% plagioclase (4-5 mm)							
6	20			5.16-6.12 m Granitic dyke G-grained							
6	20			6.12-6.67 m M/I, ash tuff, 1% Gt, 3-4% plagioclase, 2-3% fragments							
7				6.67-15.52 m FV, ash tuff, clasts vary from (2-30%) (2-5 mm) traces of Gt							
8	15			8.77-8.70 Granitic dyke							
10				Carbonate alteration fills fractures							
13											
15	10										
16				15.52-15.70 M/I ash, 3-4% plagioclase							
17	20			15.70-16.90 FV, ash tuff, 5-10% clasts, medium grained, felsic dyke							
17				16.90-17.60 M/I, ash tuff, 30% plagioclase, 20-40% fragments							
18				17.60-21.9 Silica-rich, fine-grained, EXHalt							
20				Fault gouge							
21											
22				21.9-22.7 M/I ash, 5% plagioclase							
23				22.7-25.7 FV, ash tuff, 30% fragments (plagioclase 3-9 mm)							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
	<i>Tn</i>	<i>3.4</i>	<i>3.8</i>	<i>0.4m</i>	<i>M180401</i>	<i>Zn</i>	<i>Cu</i>	<i>Pb</i>	<i>Ag</i>
	<i>Tn</i>	<i>3.8</i>	<i>4.4</i>	<i>0.4m</i>	<i>M180402</i>				
	<i>Tn</i>	<i>4.4</i>	<i>5.9</i>	<i>1.5m</i>	<i>M180403</i>				
	<i>Tn</i>	<i>5.9</i>	<i>6.6</i>	<i>0.7m</i>	<i>M180404</i>				
	<i>Tn</i>	<i>6.6</i>	<i>7.8</i>	<i>1.2m</i>	<i>M180405</i>				
	<i>Tn</i>	<i>7.8</i>	<i>9.0</i>	<i>1.2m</i>	<i>M180406</i>				
	<i>Tn</i>	<i>9.0</i>	<i>10.3</i>	<i>1.3m</i>	<i>M180407</i>				
	<i>Tn</i>	<i>10.3</i>	<i>11.8</i>	<i>1.5m</i>	<i>M180408</i>				
	<i>Tn</i>	<i>11.8</i>	<i>13.2</i>	<i>1.4m</i>	<i>M180409</i>				
		<i>13.2</i>	<i>14.5</i>	<i>1.3</i>	<i>M180410</i>				
	<i>Tn</i>	<i>14.5</i>	<i>15.5</i>	<i>1m</i>	<i>M180411</i>				
<i>Disseminated Fine-grained Py, Fe-1%</i>	<i>Fe-1%</i>	<i>15.5</i>	<i>15.7</i>	<i>0.2</i>	<i>M180412</i>				
		<i>15.7</i>	<i>17.1</i>	<i>1.4</i>	<i>M180413</i>				
<i>Disseminated Py, Feas</i>	<i>Tn</i>	<i>17.1</i>	<i>17.6</i>	<i>0.5</i>	<i>M180414</i>				
		<i>17.6</i>	<i>18.6</i>	<i>1m</i>	<i>M180415</i>				
		<i>18.6</i>	<i>20.0</i>	<i>1.4m</i>	<i>M180416</i>				
		<i>20.0</i>	<i>21.9</i>	<i>1.9m</i>	<i>M180417</i>				
		<i>21.9</i>	<i>22.7</i>	<i>0.8m</i>	<i>M180418</i>				
		<i>22.7</i>	<i>23.4</i>	<i>0.7m</i>	<i>M180419</i>				
		<i>23.4</i>	<i>23.8</i>	<i>0.4m</i>	<i>M180420</i>				

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					Sil A	Ser B	Chl C	Car D	MT E		
24				1-2% porphyroblastic Gt, Car in fractures, 5% BT							
25											
26			10°	25.7-25.9 MIT Vol. ash tuff, 15% fragments (1-2% plagioclase) to Gt 25.9-26.8 FV ash tuff, 15% fragments to Gt, 15% frag							
27			10°	26.8-27.3 MIT Vol. ash tuff, 15% plagioclase, porphyroblastic Gt 15-18mm 27.3-27.6 siliceous tuffite							
28				27.6-28.3 MIT Vol. ash, 5% fragments (2-4mm) 1-2% porphyroblastic Gt (5-15mm) 10cm granitic dyke x 2							
29											
30			20°	30.3-30.8 MIT ash tuff, 4-5% plagioclase to 2-3% Gt 30.8-31.6 siliceous tuffite							
31			10° 10°								
32				31.6-35.9 MIT lapilli tuff, 4-5% Gt porphyroblastic							
33											
34											
35											
36			15° 15°	35.9-38.1 Siliceous tuffite granitic dyke 10cm							
38			15°	39.1-39.7 Biotite-chlorite schist							
39				40% BT, 30% Chl, Qtz-feldspathic fragments 25%							
40			15° 15°	39.7-40.1m FSED, + 10cm granitic dyke 40.1-40.2m Bt-Chl Schist, 5% Gt 40.5-40.7m FSED + Chlorite bands + 2% Gt high content of actinolite (Qtz)							
41											
42			10°	42.1-42.6m granitic dyke 42.6-43.4m FSED, 5% Chl							
43				43.4-44.3m CSED, Qtz-feldspathic wackestone 10cm granitic dyke							
44				44.3-44.5 Chl + Bt schist 44.5-45.1 CSED wackestone							
45											
46			10° 10°	44.4-45.0m Bt-Chl Schist 45.8-46.1 CSED wackestone							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
	Ta	23.8	24.4	0.6m	M180421				
	Ta	24.4	25.7	1.3m	M180422				
	Ta	25.7	25.9	0.2m	M180423				
	Ta	25.9	26.8	0.9m	M180424				
	Ta	26.8	27.3	0.5m	M180425				
	Ta	27.3	27.6	0.3m	M180426				
	Ta	27.6	28.4	0.8m	M180427				
	Ta	28.4	29.3	1.9m	M180428				
Trace of Pb, Py... disseminated fine to medium - grained. +/- Cpx 1 grain	Ta	29.3	30.8	0.5	M180429				
	Ta	30.8	31.6	1.0	M180430				
	Ta	31.6	32.6	1.0	M180431				
	Ta	32.6	34.1	1.5	M180432				
	Ta	34.1	35.9	1.8m	M180433				
	Ta	35.9	37.0	1.1m	M180434				
	Ta	37.0	38.1	1.1m	M180435				
Disseminated Pb, fine-grained	Ta	38.1	38.9	0.8m	M180436				
Disseminated Pb, fine-grained	Ta	38.9	39.7	0.8m	M180437				
	Ta	39.7	40.1	0.4	M180438				
	Ta	40.1	40.2	0.1	M180439				
	Ta	40.2	40.5	0.3	M180440				
	Ta	40.5	42.1	1.6	M180441				
Pegmatite Dyke no sampling	Ta	42.1	42.5	0.5					
	Ta	42.6	43.4	0.8	M180442				
	Ta	43.4	44.3	0.9	M180443				
	Ta	44.3	44.9	0.2	M180444				
	Ta	44.5	45.4	0.9	M180445				
	Ta	45.4	45.8	0.4	M180446				
	Ta	45.8	46.1	0.3	M180447				

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
47				46.1-46.6 RT-CH Satist.							
48				46.9-53.4 CSEA Wackestone 10-15% RT, 5-10% chl 75% Qtz + felds locally 2-3% Gt, porphyroblastie 5cm horizons of chl rich bands granular dykes							
49				47.7-47.8							
50											
51											
52											
53											
54				53.4-55.7 CSEA, Quartzite, 5% chl							
55											
56				55.7-56.1 CHS, chnile with 5-8% Gt, porphyro							
57				56.1-56.6 CSEA, Quartzite							
58				56.6-62.3 CSEA Wackestone 10-25% chl locally 5cm chl+Gt rich bands							
59											
60											
61											
62											
63				62.3-63.2 CHS,							
64				63.2-63.6 CSEA Wackestone							
65				63.6-66.2 CHS							
66											
67				66.2-67.5m CSEA, wackestone							
68				67.5m-68.4 CHS							
69				68.4-71.3 CSEA Wackestone 15-25% chl							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
	T ₁	46.1	46.6	0.5	M180448				
	T ₂	46.6	48.3	1.7	M180449				
	T ₃	48.3	49.8	1.5	M180450				
	T ₄	49.8	50.4	0.6	M180451				
	T ₅	50.4	51.4	1.0	M180452				
	T ₆	51.4	52.8	1.4	M180453				
	T ₇	52.8	53.4	0.6	M180454				
	T ₈	53.4	54.3	0.9	M180455				
	T ₉	54.3	55.7	1.4	M180456				
	T ₁₀	55.7	56.1	0.4	M180457				
	T ₁₁	56.1	56.6	0.5	M180458				
	T ₁₂	56.6	58.5	1.9m	M180459				
	T ₁₃	58.5	60.0	1.5m	M180460				
	T ₁₄	60.0	61.5	1.5m	M180461				
	T ₁₅	61.5	62.3	0.8m	M180462				
	T ₁₆	62.3	63.2	0.9m	M180463				
	T ₁₇	63.2	63.6	0.4m	M180464				
	T ₁₈	63.6	64.6	1.0m	M180465				
	T ₁₉	64.6	66.2	1.6m	M180466				
	T ₂₀	66.2	67.5	1.3m	M180467				
	T ₂₁	67.5	68.4	0.9m	M180468				
	T ₂₂	68.4	69.5	1.1m	M180469				

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
	TR	69.5	71.3	1.8	M180469				
	TR	71.3	71.5	0.2	M180470				
	TR	71.5	73.8	2.3m	M180471				
	TR	73.8	75.9	2.1	M180472				
	TR	75.9	77.5	1.6	M180473				
	TR	78.3	78.7	0.4	M180474				
					M180475				
Standard = 3	TR	78.7	79.1	0.4	M180476				
Massive sulphide, 10% Clastic qtz. / calcapatitic fragments, 50% fine grained reddish sphalerite 10% Po fine grained, 15% fine grained Galena, 10% fine grained Py, 5% medium grained cpy	90%	79.1	79.2	0.1	M180477				Every thing
Standard 3					M180478				
Coarse grained disseminated Po, forms clath around Chl (phosphoclasts)	1%	79.6	80.5	0.9	M180780				
Disseminated Py in Chl fine grain	1%	80.5	81.4	0.9	M180781				
	T ₂	81.5	81.8	0.3	M180782				
	T ₂	82.1	82.4	0.3	M180783				
	T ₂	82.9	83.9	1.0	M180784				
	T ₂	83.9	84.2	0.3	M180785				
	T ₂	84.2	84.5	0.3	M180786				
Po in fracture single grain	T ₂	84.5	84.7	0.2	M180787				
	T ₂	84.7	85.3	0.6	M180788				
	T ₂	86.1	86.6	0.5	M180789				
	T ₁	87.8	88.0	0.2	M180790				
	T ₂	89.0	89.9	0.9	M180791				
	T ₂	89.9	90.3	0.4	M180792				

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
116											
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125.2-125.3 - Lithology

128.2-129.0 PGM - Granitic gneiss - Qtz veins
amphibole.

129.0 EOH.

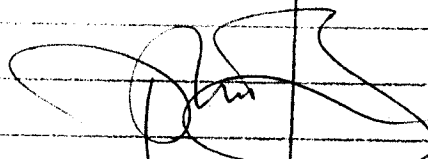
2004-08-29, 2004 - 1683 Regional Drilling - WOLVERINE

7:30 AM - Bad weather, poor visibility, no drill mob today.
Spend day walking on data + drill logs.

GNO4-14 : Revising David Legault's drill logs.

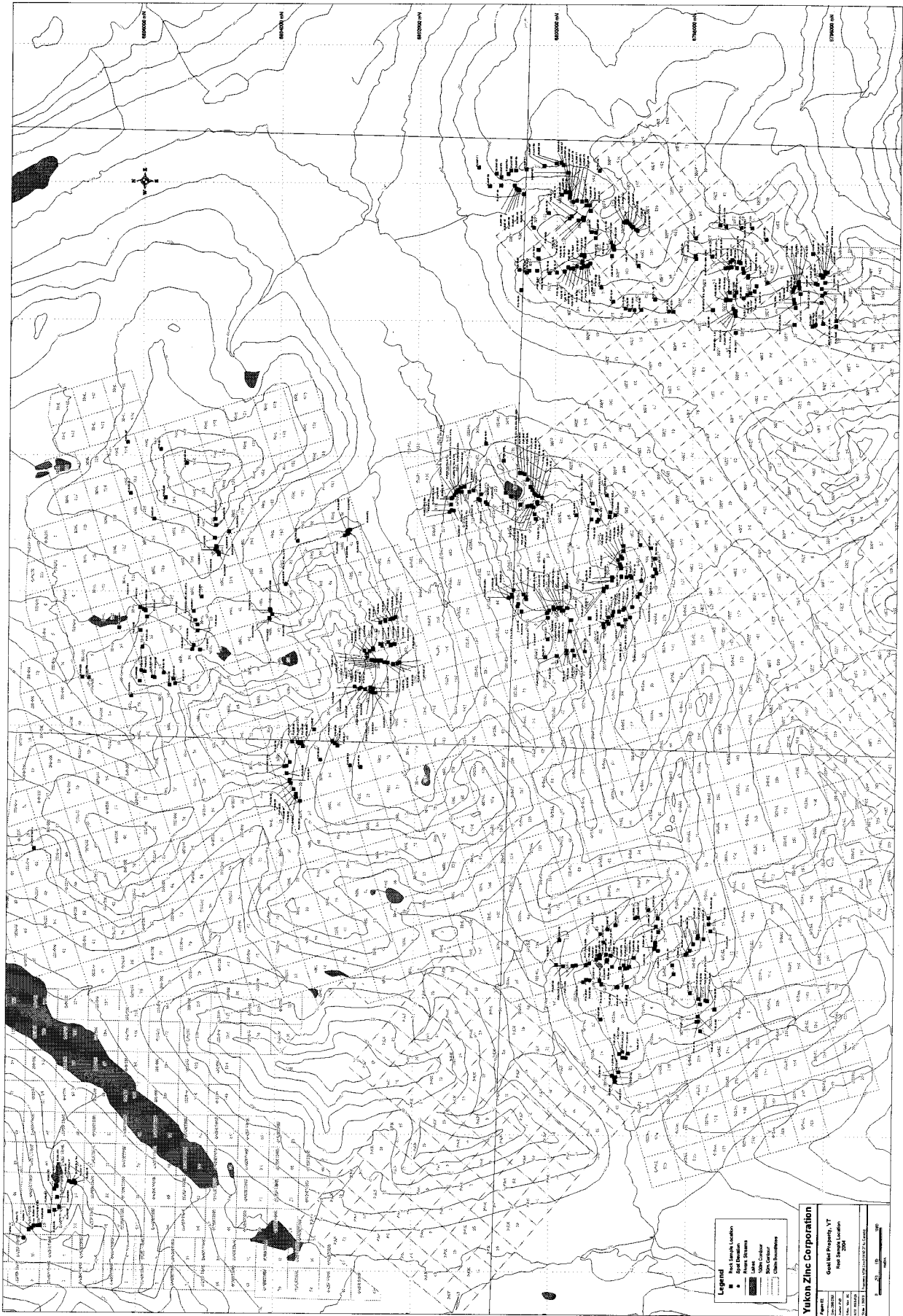
0 - 3.4m	Oxalburden	
3.4 - 3.83	FT	
3.83 - 4.42	FT	
4.43 - 5.96	MT garnetiferous, trace.	
5.96 - 6.12	FS	
6.12 - 6.67	FTGM, garnetiferous, 5-12%	
6.67 - 15.52	FTGM ✓	
	8.47 - 8.70, FS	
15.52 - 15.70	MT, ash tuff, 3-4% plage	
15.70 - 16.90	FT	
	16.50 - 16.60, FS	
16.90 - 17.60	MT	
17.60 - 21.90	GSC	
21.90 - 22.7	MT	
22.7 - 25.7	FT	
25.7 - 25.9	MT	
25.9 - 26.8	FT	
26.8 - 27.3	FTGM	
27.3 - 27.6	GSC	
27.6 - 30.3	MT	
30.3 - 30.8	MT	
30.8 - 31.6	GSC	
31.6 - 35.9	MT	

Drill log re-interp. by
Phu Van Bui as per
the 2000-2001 Goculnet
drilling Nomenclature.



38.9-38.1	GSC
38.1-39.7	SZ
39.7-40.1	FTGN
40.1-40.2	SZ
40.2-42.1	SZ
42.1-42.6	FI
42.6-43.4	SI
43.4-44.3	FTGN
44.3-44.5	SZ
44.5-45.4	FTGN
45.4-45.8	SZ
45.8-46.1	FTGN
46.1-46.6	SZ
46.6-53.4	FTGN
-	47.7-47.8, FI
53.4-55.7	GSC
55.7-56.1	SZ
56.1-56.6	GSC
56.6-62.3	FTGN
62.3-63.2	SZ
63.2-63.6	FTGN
63.6-66.2	SZ
66.2-67.5	FTGN
67.5-68.4	SZ
68.4-71.3	FTGN
71.3-71.5	GSC
71.5-75.9	FTGN
75.9-77.5	FTGN
77.5-78.3	FI
78.3-79.1	GSC
79.1-79.2	MS
79.2-81.4	FTGN

81.4 - 81.5	FI
81.5 - 81.8	FTGN
81.8 - 82.1	FI
82.1 - 82.4	MT
82.4 - 82.9	FI
82.9 - 83.9	FTGN
83.9 - 84.2	MT
84.2 - 84.5	FTGN
84.5 - 84.7	MT
84.7 - 85.3	FTGN
85.3 - 86.1	FI
86.1 - 86.6	FTGN
86.6 - 87.8	FI
87.8 - 88.0	FTGN
88.0 - 89.0	FI
89.0 - 89.9	MT
89.9 - 90.3	FTGN
90.3 - 95.4	FI
95.4 - 95.9	MT
95.9 - 96.2	FTGN
96.2 - 96.6	MT
96.6 - 98.4	FTGN
98.4 - 98.9	PGM
98.9 - 99.1	FI
99.1 - 100.3	FI
100.3 - 128.2	PGM
101.1 m	101.1 - 128.2, FI
128.2 - 129.0	PGM
129.0	END OF HOLE.

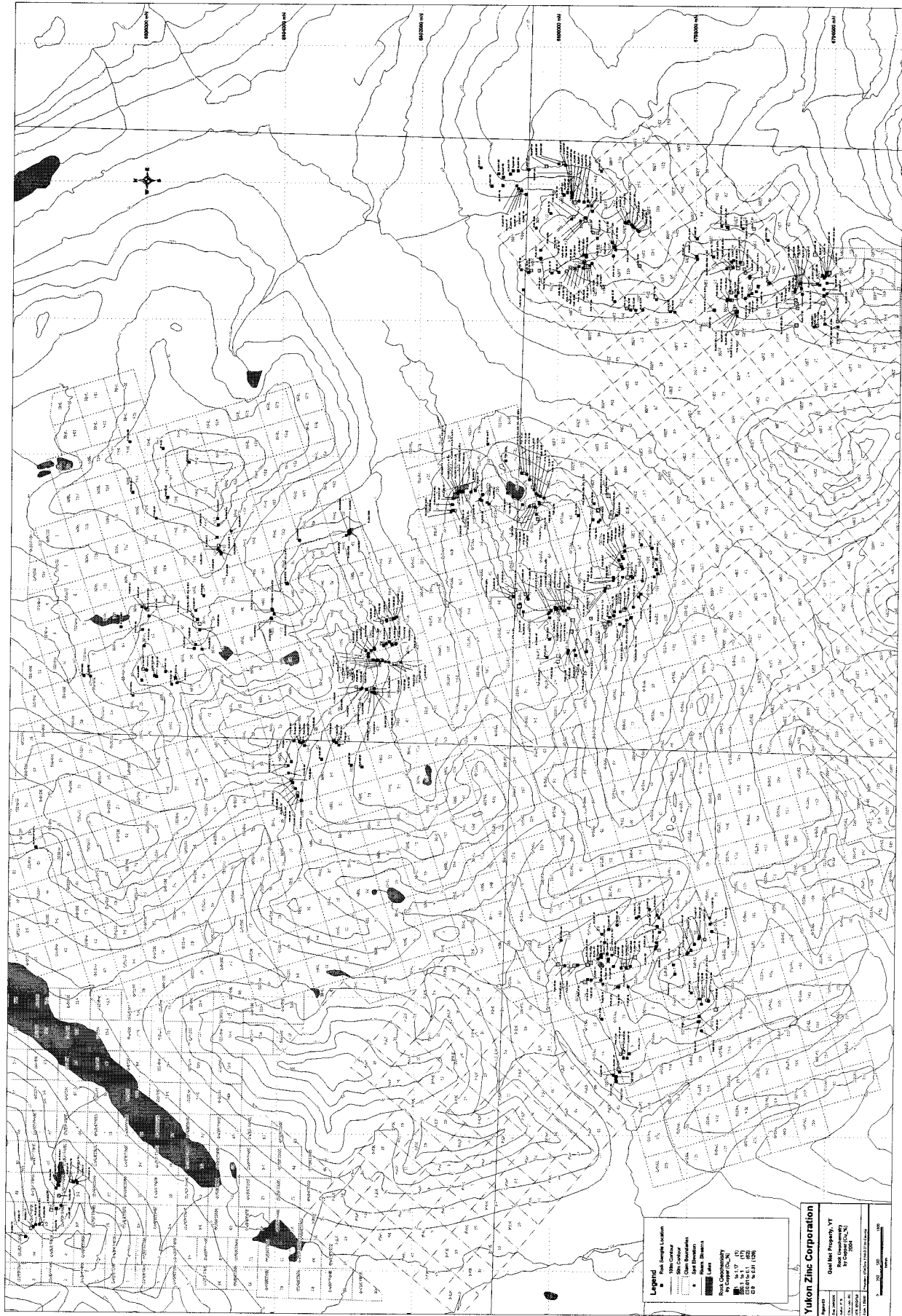


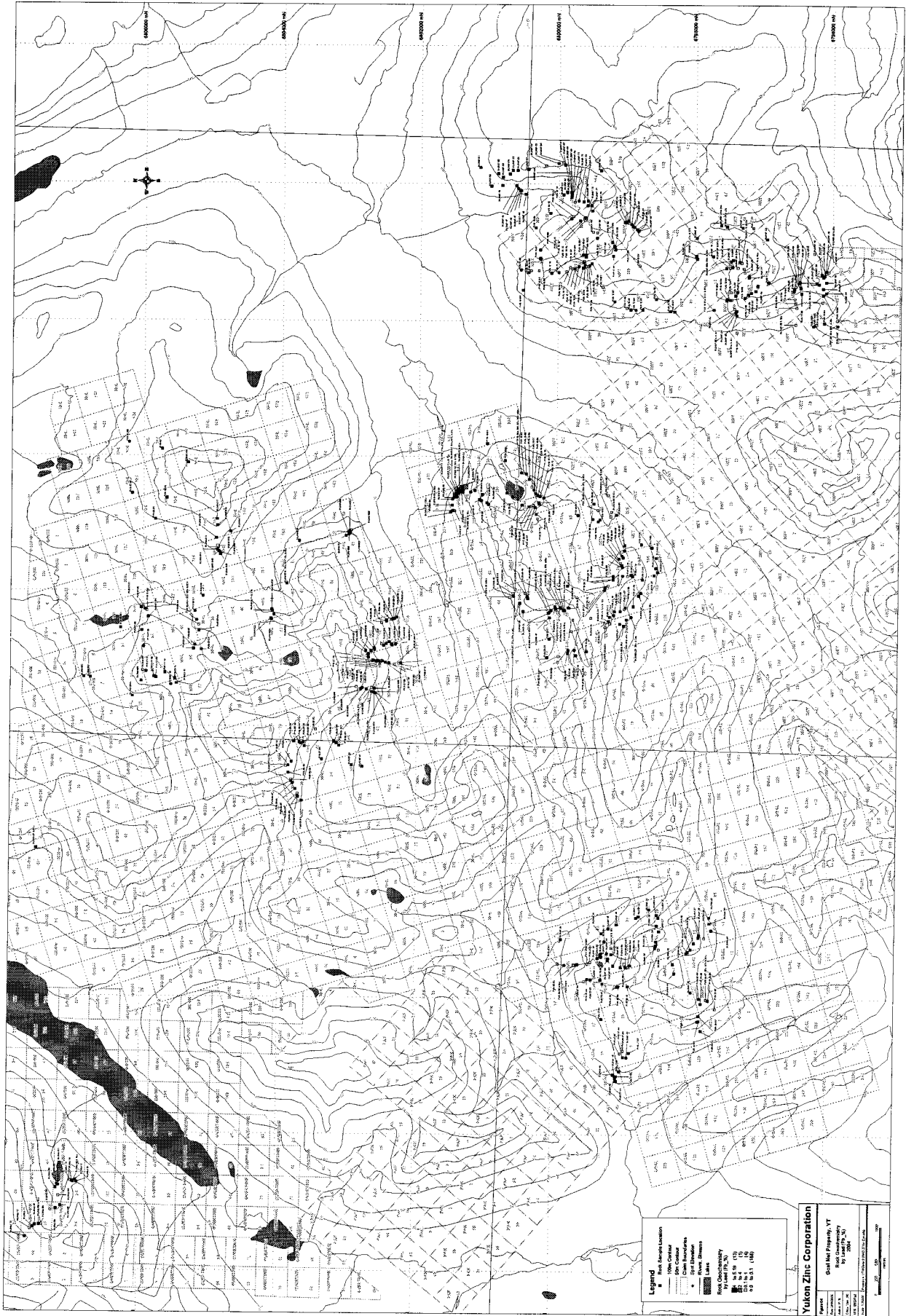
- Legend**
- Active Location
 - Old Station
 - Peak Station
 - 100m Contour
 - 50m Contour
 - 20m Contour
 - 10m Contour
 - 5m Contour
 - 2m Contour
 - 1m Contour

Yukon Zinc Corporation

Geological Property, YT
 West-Spanish Location
 2004

Scale: 1:50,000
 Date: 2004
 Author: [illegible]
 Project: [illegible]





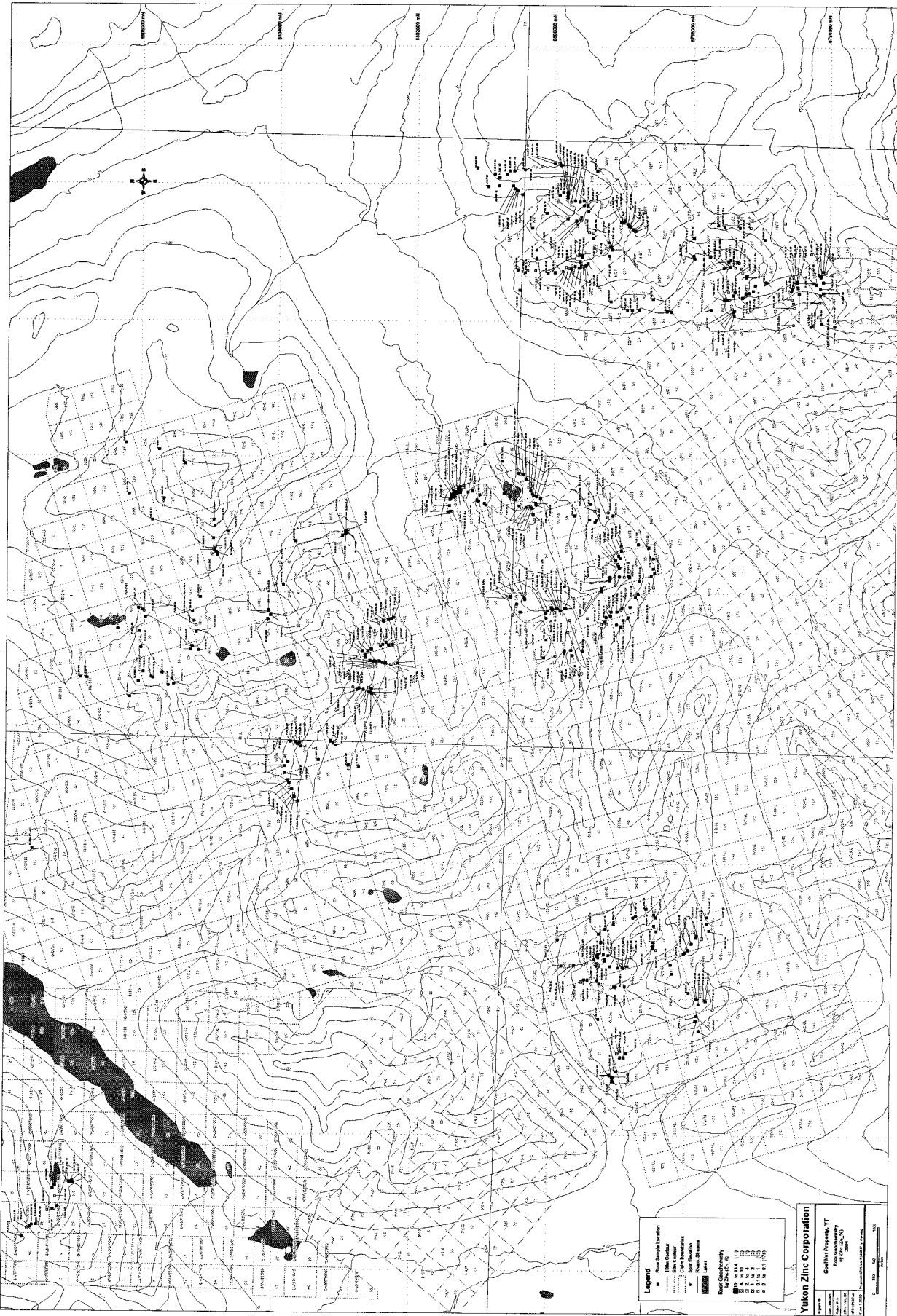
Legend

- Rock Sample Location
- Open Circle
- Contour Interval
- Contour Lines
- Water Features
- Other Features

Rock Sample Location

- 14.5 (2)
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- 14.5 (99)
- 14.5 (100)

Yukon Zinc Corporation
 Rockwell Property, VT
 Rockwell, VT
 1998



Legend

- Road Camp Location
- Ski Center
- Claim Boundaries
- Road Station
- ▭ Lake

Road Capacity

By 2000, %

- 100
- 90
- 80
- 70
- 60
- 50
- 40
- 30
- 20
- 10
- 0

Yukon Zinc Corporation

Gold Hill Property, YT


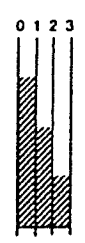
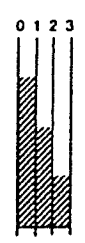
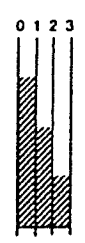
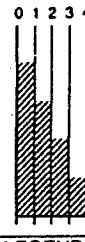
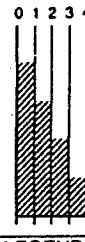
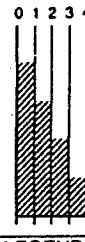
Road Capacity 100% by 2000

Scale: 1:50,000

Map Date: 2000

Map No: 10000000

DRILL LOG

PROJECT GOALNET 2004 REGIONAL DRILLING	GROUND ELEV. 1500m +												
HOLE NO. GNO4-15	BEARING 220°												
LOCATION FINLAYSON DISTRICT - YUKON 24km SSW OF WOLVERINE LAKE TARGET THUNDERSTRUCK 423435.mE, 6801370.mN	DIP -45°												
	TOTAL LENGTH 186.6m												
LOGGED BY PHU VAN BUI	HORIZONTAL PROJECT 												
DATE OCTOBER 08, 2004	VERTICAL PROJECT												
CONTRACTOR TITAN DRILLING LTD - YELLOWKNIFE, NWT	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align:center;">ALTERATION SCALE</th> </tr> </thead> <tbody> <tr> <td style="width:50%;"></td> <td style="width:50%;">absent 0</td> </tr> <tr> <td></td> <td>slight 1</td> </tr> <tr> <td></td> <td>moderate 2</td> </tr> <tr> <td></td> <td>intense 3</td> </tr> </tbody> </table>	ALTERATION SCALE			absent 0		slight 1		moderate 2		intense 3		
ALTERATION SCALE													
	absent 0												
	slight 1												
	moderate 2												
	intense 3												
CORE SIZE NQ													
DATE STARTED SEPT. 28, 2004	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align:center;">TOTAL SULPHIDE SCALE</th> </tr> </thead> <tbody> <tr> <td style="width:50%;"></td> <td style="width:50%;">traces only 0</td> </tr> <tr> <td></td> <td>< 1% 1</td> </tr> <tr> <td></td> <td>1% - 3% 2</td> </tr> <tr> <td></td> <td>3% - 10% 3</td> </tr> <tr> <td></td> <td>> 10% 4</td> </tr> </tbody> </table>	TOTAL SULPHIDE SCALE			traces only 0		< 1% 1		1% - 3% 2		3% - 10% 3		> 10% 4
TOTAL SULPHIDE SCALE													
	traces only 0												
	< 1% 1												
	1% - 3% 2												
	3% - 10% 3												
	> 10% 4												
DATE COMPLETED OCT. 02, 2004													
<p>DIP TESTS</p> <p>SEPT. 28, 2004 → 12.2m → 347°/46° → 10.6°C → 13.0 → 5699</p> <p>SEPT. 29, 2004 → 45.7m → 197°/47.2° → 12.1°C → 21.8 → 5846</p> <p>OCT. 02, 2004 → 91.4m → 198°/48° → 6.6°C → 186.5 → 5851</p> <p>OCT. 02, 2004 → 137.2m → 201°/49.8° → 8.1°C → 10.9 → 5857</p> <p>OCT. 02, 2004 → 186.6m → 201.9°/49.2 → 9.6°C → — → 58619</p>													
COMMENTS	LEGEND												
<p>PURPOSE OF THIS DRILL HOLE IS TO TEST HORIZONTAL EXTENT OF 6cm MASSIVE SULPHIDE HORIZON DISCOVERED IN GNO4-14. DRILL HOLE WILL ALSO TEST</p>													

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Assays						
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width	Sample Number	Cu %	Pb %	Zn %	Ag g/t	Au g/t	
0-5.2	0	FTM		0-5.2	Overburden + Casings										34	5.2	1.3	Boxweel						
5.2-8.2	68%	FTM		5.2-8.2	Milky white with dark green bands of chl. High in silica (50-60%), 10% chl in bands of veins along foliation (30-33° to core axis) volcanic sediment, possibly a very fine grained ash tuff. felsic in composition →	0	0	2	2	0	low	1-2%			5.2	6.4	1.2	Boxweel 2						
8.2-24	67%	FTM		8.2-24	Medium green to very dark green. Many veins in texture. Short intervals exhibit a cleat 1 inch in texture, medium green chloritized clasts 0.5-2cm in a matrix dominated by chl → almost a subvolcanic texture derived from hydrothermal activity in a hydrothermal vein. (cleat 1/2 inch due to 25% silica + feld. fids has gone to chl). Silice associated with quartz (5-7%, 0.2-1.5 cm). Also, wispy, flow breccia texture. Certain areas have development of staurolite in presence of garnet + silica. Intersect vein to HCl. Possibly a nodular with occasional lapilli 2-4cm, however, upon to partially this is a flow top breccia →	2	0	2	3	0	MOD	<1%			6.4	7.8	1.4	Boxweel 3						
24-7.8		FTM		24-7.8	Medium grey, highly siliceous, 80-90% Qtz. Fracture and cracks filled with 2-5% sericitic chl, 50% of fractures lined with Qtz, rim to HCl. Tr. apidite. 7.6-7.8 m. very "elastic" + "fragmental" textures, possibly brecciation by silica vein. Mineralization (Tr-Qtz) in interstices. This is an aphyric hydrothermal vein has been brecciated or occurred as a fragmental.	1	1	1	2	0	MOD	<5%	Rt + Pyx occurrence. stringer and blebs in fracture interstices. Associated with apidite + chlorite, Disseminations also present in hydrothermal veins. Would this be an asbestos?			6.4	7.8	1.4	Boxweel 3					
7.8-8.3m		FTM		7.8-8.3m	Milky white, 80-90% Qtz, 5% Pt, 1-2% chl, 1/2 staurolite, 2-3% Pyx + Tr. FELSIC SHT.	3	0	1	1	0	low	0	blebs of Pyx + disseminations 2-5%		7.8	8.3	0.5	Boxweel 4						

Depth (m)	TCR (%)	Lithology	Structure	Interval (m)	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Assays								
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width	Sample Number	Cu %	Pb %	Zn %	Ag g/t	Au g/t			
8.3-8.9m		FF			Medium grey, foliated, fine grained. 5-10% chl, 1-2% py, again, texture is delectable. Almost looks clastic to brecciated but no distinct frag/ clast boundaries visible. Could be juvenile frags (2-3cm, rough margins) in a tuff. Heavier than steel, lighter than tungsten. ~50-60% Qtz, 10-12% mafics, rest assumed feldspars. <u>Feldspar</u> tuff at flow, contains 27cm fractures.	0	0	1	0	0						2.3	2.9	2.6	BSD1005							
6.9-11.7m	100%	FM			Light green fragments in a dark green to black matrix. Euhedral texture. Fragments lenticular but irregular in shape with wispy margins. Fragments 1.5-2.0% chl, 40-50% Qtz, 2.5-3.0% FeADs. <u>Atter</u> 2-3% Epidote. Size ranging from 0.2-4.0cm. Textured orientation is with foliation fabric. Clasts make up 40% of size interval. Matrix is 80-85% Bt, 5-10% chl, 5% other. <u>Euhedral</u> Tuff, mottled, possibly a <u>metacarbonate</u> or flow top of a flow body. CO ₂ localized in fragments/clasts only. Also looks like calcite.	0	0	3	2	0		Low	0				2.9	10.3	1.4	BSD1007 (2.9-10.3)						
11.7-12.25m		FF			Medium green, fine-grained, flow bending texture. 7.5% hardness, < tungsten hardness. ~70% Qtz, 15-20% feldspar, 5-10% chl, flow ground, < 2mm, 1-2% staurolite? or andalusite? which, 1-2mm, spicules, unheated. Very competent rock. This is a felsic flow, most likely a very chloritic <u>shapely</u> <u>flow</u> judging by composition. Very weak <u>can</u> <u>to</u> <u>hold</u> , if at all.	0	0	2	1	0		Low	0				4.7	12.25	6.55	BSD1008						
12.25 - 13.4m	100%	NSLN			Dark grey, medium to fine grained, competent with foliation. felsic (30-33% to size axis). 20-30% Bt, 50% Qtz grains, 10-20% feldspar grains, 5% garnets, some to anhedral, 0.5-1cm Bt's, 1-2% py disseminated throughout, 1-2% py, 1-1% andalusite or staurolite in spacial ed, < 1mm grains. This is a <u>metacarbonate</u> derived from remobilized felsic-intermediate tuff. Litterature calls this a <u>triflores</u> <u>metacarbonate</u> . Trace <u>adiobite</u> in some fractures. No iron to chl.	0	0	1	0	0		Med	0				3-4%	12.25	13.1	11.5	BSD1009					

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Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Assays									
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width	Sample Number	Cu %	Pb %	Zn %	Ag g/t	Au g/t				
13.4 - 14.2m	97%	GSC (GREY CHERT) OR FTG-N (TUFFACEOUS WACKE, GARNETIFEROUS)		23.5m	Light grey, fine grained, laminated (2mm), siliceous but sedimentary. Laminations are white and (5% Bt, 2% chl) bearing layers 80-90% Qtz. Possibly a silty quartzite or siliceous vesicular laminae parallel to planation (30-33° to core axis). Weakly mineralized. Variations in rock show weak silicification with veins 2-3mm within foliations. Variations may contain up to 10% Bt and/or 2-3% white mica, possibly sericite or muscovite. White chl + lt carbonate, garnets are weakly developed (1-3%, up to 4mm, subhedral grains).	1	1	1	0	0	High	15%	1-2% disseminated Pt + PyC.		13.4	14.1	1m	B001010									
16.2					17.3-18.1m, intense silicification with qtz veins 3-4mm wide. 1-1.5cm apart. Intense in ground development. Very thin pegmatitic fill associated with epidote + chl alb zone.	2	0	2	2	0	High				16.2	17.4	1.2	B001012									
17.4	100%				16.0-16.2, 16.6-16.7, 17.0-17.4, 22.4-22.5 → intense fractures, clay + oxide filled.	2	0	0	1	0	High				17.4	17.9	1.5	B001013									
20.4	100%														18.9	20.2	1.3	B001014									
22.2	98%														20.2	21.4	1.4	B001015									
23.5					Light + Dark Green, whirly texture. Medium grained, somewhat shaly with layers of bt (1-3mm, 5-10%) + chl (3-4mm, 10-12%). 1-2% garnet (anhedral, 0.5-1.2cm), 5% structureless, < 2mm, speckled. Overall 40-50% Qtz and 20% feldspars. Variations in texture include a shaly fabric. Bandages of Bt + Chl throughout. This could well be a staurolite - garnet - chl - biotite shift. Its high Qtz content suggests this may have once been a foliar to intermediate volcaniclastic.	1	0	1	0	0	High	2%	Up to 5% disseminated Pyritite (Py) in fabric.			23.5	24.4	0.9	B001017								

23.5 24.4 0.9 B001017

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Assays					
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width	Sample Number	Cu %	Pb %	Zn %	Ag g/t	Au g/t
24.4 - 26.8m	100%	N5TL			Medium greenish green, fine to medium grained, thickly laminated sediment 70-80% Qtz, 5-10% Bt, 5-7% chl (Hafis mainly in laminations). Phyllic texture. 2-3% Qtz veins, 3-4mm wide mineralized. Also, 2-3% < 2mm euhedral garnets. This is a quartz-wackestone. FTON - Tuffaceous wacke, garnetiferous.	1	0	2	1	0	high	2-3% veins and laminated, almost stringer like	1-2%	244	256	1.2	B001018						
26.8 - 27.6m	72%	GSC			Light grey, very fine, silica altered, silty quartziferous. Siliceous veins 0.5-1cm wide, associated with muscovite, fine, 1%.	3	0	1	0	0	low	30% 2-3% very fine grained pyrite string facusses, 1% euhedral pyrite (8mm) +/- pyrrhotite.	4%	268	276	0.2	B001020						
27.6 - 31.44m	100%	N5TL			Tuffaceous wacke, garnetiferous with 10-15% biotite laminations along 30-33° foliation planes. Mineralized, garnets 1-2%, < 3mm, occasional silica vein, 1-2mm, sometimes 5mm. Very weak vein to tcl. 80% Qtz, slightly mineralized (1-2% chl).	1	0	2	1	0	low	2-3% pyrite + py disseminated and in stringers.	2-3%	276	284	0.2	B001021						
31.44 - 32.1m	100%	SZ			Medium to dark green, actinolite, hydrochlorite looking lot-chl-carbonate shift, mineralized SZ. Some positive, one is a chloritized foliar rock of at least a siliceous sediment tcl, the other is a structure lt. Unit is conformable contact. Foliation 85° to core axis. Please see previous description of SZ.	4	0	5	0	0	Mod				3144	321	0.2	B001025					
32.1 - 32.8m	100%	SZ			Duh quartzite 5-10% Bt, 5-10% chl 1-3% garnets (< 0.5cm). Occasional silica veins. Note, this unit has a fragmental texture it sometimes almost a large scale that has been deformed. Epidote is present as a dusting in facusses.	1	0	1	0	0	Mod	1% Tr - 1% pyr, alms,	1%	321	318	0.7	B001026						
32.8 - 33.0m	100%	SZ			Medium green with white stringers, granular texture competent rock 15-20% Bt, 10-15% chl, mingled giving it a slightly mottled texture. However not implying it is an ignimbrite. 60% Qtz, 5-7% structure < 2mm in size. Bt-chl-cs2 shift - metasediment.	1	0	2	2	0	low	1% 2-3% disseminated pyr, some found localized as 8mm blebs in facusses.	3%	328	330	0.2	B001027						

Depth (m)
TCR (%)
Lithology
Structure

Interval

Geological Description

Alteration	Fracture Intensity	% Vein Qtz
Silica		
Sericite		
Chlorite		
Carbonate		
Magnetite		

Mineral Description

Total Sulphides	Samples	Sample Number	Assays
	From		Cu %
	To		Pb %
	Width		Zn %
			Ag g/t
			Au g/t

38.75 - 44.7m

Metastable, generally light greenish grey to milky white depending on alteration. Medium grained with porphyroblastic garnets in calcite bands. Very siliceous, generally > 65% Qtz, 10-15% Chl, 10-12% Bt, 2-3% garnets. Ffs nonrecrystallized of FTGN, talciferous blocks, garnetiferous (equivalent to TSS).

38.75 - 38.8, late pegmatite sill, Qtz + feld phenos, 2-3mm, Twinning on feldspar phenos visible, silica matrix.

38.8 - 40.5, variation, 5-7% Chl, 10-15% Bt, with laminae, garnets 0.5mm with 600 fms, mineralized, increase in Bt towards 40.5m.

40.5 - 42.2, increase silica oth, including veins 2-3mm thick, cloudy spaced. Rock is siliceous and calcite altered. Carved large, 1.5-2cm, 5% carbonate veins produce calc-silicate minerals, almost a marble. Chl increases to 10-15% in shear zones. Fractures to foliation @ 28-30° 54-57°. Almost quartzitic looking, cherty. 63C

42.2 - 43.9, same as previous but highly fractured + smooth fracture surfaces.

43.9 - 44.7, FTGN garnet + 3-5% siliceous.

44.7m - 45.4m Intensely silica altered zone. Rock looks like 5-1-1-3-0 had 80% Tr - py diss through rock. a. laminated calcite quartzite - light grey to white with platy, K-spar altered veins, and 2-3cm pegmatite sills/dykes. No garnets. Again, fractures to foliation.

FTGN.

7 28-30°

38.75m 100%

43.9m 100%

0.5

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Assays						
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width	Sample Number	Cu %	Pb %	Zn %	Ag g/t	Au g/t	
45.6 - 46.5m	100%	TSZ OR LSI			Red green, wavy to laminated texture, fine to medium grained, banded chl + sericite matrix (5%, 1-2cm), 10% chl, 2-4% staurolite, 1mm spicules, 5-10% white, 80-85% qtz, 20% CO ₂ , recrystallized grains. Was this a limy protolith. Such as a CO ₂ exhalite? Now, perhaps a <u>metachert</u> just <u>from CO₂ attack</u> or a limy siltstone.	1	0	2	3	0	low	5%			45.6	46.5	0.9	8001040						
46.5m - 46.98m	95%	SSC			Grey chert / quartzite with 1-2m lamination, and 2-5% chl.	0	1	1	1	0	Mod	15%			46.5	46.98	0.48	8001041						
46.98m - 48.4	95%	TSZ			Greenish grey, medium grained, foliated with micrite layers, 5-7% chl, 15-20% BT, 2-5% sericite, BT rich (60-70%), BT-CO ₂ veins visible. Overall a coarse, shaly texture. chl-biot-co ₂ - shift, <u>metasediment (MSZ)</u> Note: development of staurolite (1-2%, <1mm) but <u>not</u> garnets.	1	1	1	1	0	Mod	10%			46.98	48.4	1.49	8001042						
48.40m - 49.77m	110%	TSZ			Same as previous but much more CO ₂ -SiO ₂ altered with silica veins. Greater development of garnets in chl-Bt rich bands, garnets <u>not</u> porphyroblasts.	2	1	2	2	0	Mod	10%			48.4	49.77	1.57	8001043						
49.77m - 51.33m	110%	TSZ			Metachert with garnets, variety chl altered with localized silice veining. Overall 5% garnets, 0.2-1.5cm, 5-10% chl + chlorite bands / porphyroblasts, some hosting sulphides ~ 2-5% bt, localized areas of white up to 2.5%, producing a 2-5cm structure layer, but this is more likely due to alteration zone. Staurolite again appears, 1-2%, <2mm, spicules. Fract 1 to foliation @ 45° to core axis	0	2	0	0	0	Hgh	20%	Disseminated py.		1%	49.77	51.33	1.56	8001044					
51.33m - 52.4		TSZ			Metachert, as previous, but very silica altered with intense veining associated with a fine felsic dyke. Garnet + staurolite still preserved.	3	1	1	1	0	low	40%			51.33	52.4	1.07	8001045						

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples		Sample Number	Assays						
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To		Width	Cu %	Pb %	Zn %	Ag g/t	Au g/t	
81.7-82.5				82.07m - 82.41	Medium gray, fine to medium grained, biotite (15%) - Qtz (60%) matrix. 10% chlorite, 0.5cm Qtz rizo. No garnets observed.	1	0	1	0	0	Mod	2%	Disseminated Py + Pri in biotite rich laminae.	3%	82.07	82.41	0.34	Boc1084						
84.4-84.47	79%	TSZ	127°	82.41-84.47	Medium gray, intensely foliated, alteration but compact rock 15% BT, 5-10% musc, 2-5% Qtz, 1-2 epidote in foliation. Tuffaceous material 20-30%, overall 40-50% Qtz. No garnet or staurolite but fits nonmelaphyre muscovite tuffaceous waste (TSZ), 1 prefer to call this a musc-biot-tuffaceous waste. Note: fractures very varied with hematite + limonite.	0	1	1	1	0	High	0%				82.41	84.47	2.06	Boc1085					
84.73-84.73m		TSZ		84.47-84.73m	Medium to dark green, waxy texture but not cataclitic. Fine to medium grained. 40-50% Qtz, 15-20% Chl, 5% BT, 2-3% staurolite, 2mm, 5-10% garnets, 2-3cm developed, psphyroblastic in texture. CO ₂ pods and veins has a calc-silicate look to it. Fractures varied. Diagenetically fits nonmelaphyre TSZ, tuffaceous replacement, bt-chl-CO ₂ -quartz, garnetiferous.	1	0	3	2	0	High	0%	Biotite pyrite + disseminated pyrite	5%	84.47	84.73	0.26	Boc1086						
84.73-85.22m		FTL	145°	84.73-85.22m	Medium gray, coarse grained, 1.2cm elongated lapilli tuft in a biotite matrix. lapilli is milky white, Qtz-rizo, infert felsic comp. Fine nonmelaphyre FTL, felsic lapilli tuft.							0%	Disseminated pyrite 1%		84.73	85.22	0.99	Boc1087						
85.22-91.1m		TSZ		85.22-91.1m	Tuffaceous meta-sediment - bt-chl-CO ₂ matrix 5-10% alteration. intensely silica + sericite altered. Bull Qtz veins 10-30cm cut this unit and the phyllosilicate layers now contain an additional 5-10% sericite.						High	40%				85.22	84.50	1.28	Boc1088					
87.3	8%			87.3											86.50	81.73	1.23	Boc1089						
87.3	100%			87.3											87.3	88.0	0.87	Boc1090						
87.3				87.3											88.0	89.3	0.7	Boc1091						
87.3				87.3											89.3	87.9	0.10	Boc1092						
87.3				87.3											89.9	91.1	1.2	Boc1093						
91.8	87%	TSZ		91.1-92.22m	Light green, thin laminae of siltstone with 1-2% garnet and 5% chl, almost quartzite.	0	0	1	0	0	Low	0%	Splendy Py. fine, along fract.	2%	91.10	92.22	1.12	Boc1094						

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Assays								
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width	Sample Number	Cu %	Pb %	Zn %	Ag g/t	Au g/t			
93.6	89%	TS	34°	92.22 - 93.50m	Siltstone with increased BT (10%) & CHT (5%). Thin, felsic dykes/dikes cut this unit. Close inspection however suggest these defined unit may actually be crystal tuff, 'chrysolite', with ash + crystals + garnets.	0	0	1	0	0	0	Low	0%	Splashed pyrites on fracture surfaces. In dykes/dikes. 1/2 cpy in blues.	3%	92.22	93.5	1.28	B001095							
93.6	95%	QFP		93.5 - 94.0	QFZ - FZDS phytic silt/dyke or crystal tuff. Phenos 0.5 - 0.7 cm big, oriented to emergent tectonic. Matrix only 1-2%, <2mm spherules. Contains what I think are ash or small crystals, fogs, <2mm. Contact is sharp but not abrupt. That is, lacks stratigraphically conformable. Will call it a QFP for now.	1	1	0	0	0	Low	0%				93.5	94.0	0.5	B001096							
		TS		94.0 - 94.16	Siltstone.	0	0	1	0	0	Low	0%				94.0	94.16	0.6	B001097							
	2.86m	TS		94.16 - 95.03	Very dark grey, tuffaceous (<2mm lapilli), mafic tuff. Lappils are feldspar rich, matrix supported (25-30% BT). weakly foliated. Hardness 5.5.	0	0	1	2	0	Low						94.16	95.03	0.37	B001098						
		TS		95.03 - 95.52m	Dark green with red and white spots. 5% garnets, 0.5-1cm, porphyroblastic. 10-12% staurolites, <2mm. 10% CHT, 15% BT, 45-50% QFZ. Shale texture but competent rock. Metamorphosed wacke. Fits normative for TSK, tuffaceous wacke, garnet-staurolite schist. Note: some staurolite up to 0.5cm.	0	0	3	2	0	None	0		Fine grained, to disseminated pyf, fracture localized as well.	5%			95.03	95.52	0.57	B001099					
		TS		95.52m - 97.13m	Pegmatite dyke.	-	0	0	0	0	Low	0					95.52	97.13	1.61	B001100						
		TSK		97.13m - 98.34	Tuffaceous wacke, garnet-staurolite schist. Variation: not as staurolite rich as previous. (2-3%, <2mm),	0	0	1	0	0	None	0						97.13	98.34	1.21	B001101					

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples		Sample Number	Assays				
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To		Width	Cu %	Pb %	Zn %	Ag g/t
		QFP	140°	98.34m - 98.62m	QFP, 60% QTZ, 35% FAS, 5% Hfs Note: This unit seems to consist of a "pegmatitic" horizon of qtz. 2-3cm, and then a medium grained granitic texture.	0	0	0	0	0	Low	0		98.34	98.62	0.28	B001102					
	100%	H	137°	98.62m - 100.26m	Medium grey fine grained, thinly laminated, phyllitic siltstone, slightly chloritized (5-7%), K-1% muscovite. Overall 60-70% QTZ, 15% fine bt.	0	1	0	0	0	Low	0		98.62	99.70	1.08	B001103					
		K		100.26m - 100.42m	garnet-schists like schist, tufaceous waste, TBK.	0	0	1	0	0	Low	0		100.26	100.42	0.14	B001105					
		H		100.42m - 101.25m	grey, fine to medium grained, thinly laminated, slightly chloritic, some siliceous. Sarcosine siltstone.	1	0	0	0	0	Low	0		100.42	101.25	0.83	B001106					
	2.93m	FTSN		101.25 - 103.25	Tufaceous waste that has various degrees of silicification. Medium grey, thinly laminated with 2-3mm flattened lepidilli. Contact is abrupt and grades to a more lapilli like west. Very little chloritization. 0.5-0.7cm siliceous bands. Carbonate fills fractures. Rock is 70% QTZ, 15-20% bt + chl.	1	0	1	0	0	Low	15%		101.25	103.25	2.0	B001107					
	102.7	FTSN		103.25m - 104.43	Tufaceous waste, massive in chl + ser, lepidilli < 5%, 2-3m elongated, thinly laminated. Overall 50-60% qtz.	0	1	1	0	0	None	0		103.25	104.43	1.17	B001108					
		FTSN		104.43m - 104.72m	Dark + light green, primary carbonate zones, primary qtz zones, somewhat discordant stringer alb zone. 5% staurolite, 3mm. 30-25% calc. 12% garnet, silicified. Closest massive texture = SZ, no basement, bed - chl - carbonate schist, silicified.	1	0	3	1	0	None	10%	Becky pyr + disseminated 5% stringer pyr. Heathy associated with siliceous patches and along fractures + veins.		104.43	104.72	0.27	B001109				
		FTSN		104.72m - 105.26	Tufaceous waste, very chloritized (25-30%) QTZ - chl bands 2.5 cm - 4cm long. Note: qtz - fields fine ashbeds < 5% present.	1	0	3	0	0	None	0		104.72	105.26	0.54	B001110					

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Assays						
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width	Sample Number	Cu %	Pb %	Zn %	Ag g/t	Au g/t	
107.36m - 107.68m	100%	SA	TSZ	107.36m - 107.68m	Dark greenish grey. Very finely foliated. BT silica (40%) with 10-12% chl. Approx 30-40% qtz-felds grains, 12mm. No. Sericite or garnets. Overall mica: schistose texture. Most likely derived from an gillite rich sedimentary rock. Because it has a fine to medium ground texture, will fit with metamorphic TSZ, tuffaceous metamorphism (cm-bt-(cd) schist),	1	0	1	0	0	0	Low	0%	Disseminated Py.	Tr	From 107.36	To 107.68	0.32	B000114					
107.68m - 108.1m		SZ	TSZ	107.68m - 108.1m	Almost but uninformative contact. The unit is itself discordant in situ. (where Py would be present). Metamorphism with 25% chl, 10-12% BT, 5% silica as matrix, localized garnet developed in SZ. Edg. alth. Variably mixed in are banded chl. silstones.	1	0	3	2	0	None	0%	Disseminated Py + Qtz. localized near silica veins.	Tr	From 107.68	To 108.1	0.42	B000115						
108.1m - 108.8m		FT	TSZ	108.1m - 108.8m	Light to medium grey. Thinly foliated, wavy to medium ground schist . Epidote + qtz crystals 0.2-0.5cm large, semi-stungate, make up 25% of rock. The remainder is a "matrix" of qtz (40), bt (15%) and 5-10% chl. Tr-17% garnet and 2-5% sericite. Andes 4.5-5.0. Perhaps a crystal rich th. <u>FT</u> .	1	1	2	0	0	None	1%				From 108.1	To 108.8	0.7	B000116					
108.8m - 109.0m		TSZ	TSZ	108.8m - 109.0m	Medium to dark green. Thinly foliated, medium ground. Sharp but conformable unroofed. Looks like a lapilli. Tuff beds, can vary affect (stringer zone) with chl (35%) and less qtz. 0.2-0.4mm lapilli up to 25%. 2-5% sericite < 3mm. Look like a <u>tuffaceous</u> metamorphism TSZ.	1	0	2	0	0	Low	0%	Stringer, likely Py and disseminated	3%	From 108.8	To 109.0	0.6	B000117						
109.0m - 109.74		A	TSZ	109.0m - 109.74	Looks like a siltstone with occasional lapilli crystals. Rock is grey & finely fluted/laminated with 10% qtz. Beautiful qtz-chl alth & epidote. 10% chl, 5% epidote, 10% introduced silic. veins, 10% BT	1	0	2	1	0	Low	1%	disseminated Py associated with qtz-chl-epidote alth, somewhat like a stringer zone.	2%	From 109.0	To 109.74	0.94	B000118						

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Sample Number	Assays					
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width		Cu %	Pb %	Zn %	Ag g/t	Au g/t	
114.3	100%	SZ		114.20m - 114.75m	Fine grained, dark to medium green, finely laminated, slightly chloritised, chl-biot-cd ₂ schist, metasediment SZ. Empomitic contact.	0	2	1	0	0	low	0	Disseminated py.	Tr-18	114.2	114.75	0.35	B001125						
		FTLN		114.75m - 114.90m	FTLN, Bt-qtz wacke. no garnets. mineralization. Contactable contact.	0	0	1	0	0	low	0	dis. py + fracture filled	5%		114.75	114.90	0.25	B001126					
		FTLN		114.90m - 115.09m	Amph, concordant contact. Biotite rich, 35-40%, 10-15% chl, 30% qtz, 15% chloritised felsic lapilli. Fine foliation. Some lapilli elongate to 2-3cm, avg 0.5cm. Tr staurolite developed. Either a felsic lapilli tuff in argillite or amphy. an intermediate to mafic lapilli tuff.	0	0	2	0	0	low	0	Splasy py on fracture surface.	1%		114.91	115.09	0.19	B001127					
	100%	FTLN		115.09m - 115.45m	same textures as previous pegmatite. Py.H.	-	-	-	-	-	low	0				115.09	115.45	0.36	B001128					
		FTLN		115.45m - 115.73m	FTLN or FTN. Same as 114.90m-115.09m.	0	0	2	0	0	low	0	Splasy py on fracture surface	1%		115.45	115.73	0.28	B001129					
		FTLN		115.73m - 116.40m	Bt-qtz-wacke, Medium grained, gray.	1	0	1	0	0	None	0				115.73	116.40	0.67	B001130					
		SZ		116.40m - 116.72m	Chl - BT - cd ₂ schist, metasediment. Again, some looks like preferential alteration.	0	0	2	1	0	None	0				116.4	116.72	0.32	B001131					
		FTLN		116.72m - 117.5	Interbedded argillite + bt-rich wacke. No metamorphic minerals. The argillite is now a biotite schist.	0	0	0	0	0	None	0	Rafty py on fractures	2%		116.72	117.50	0.78	B001132					
117.4		FTLN		117.5 - 117.64	Gray, medium grained, bt-poor, wacke.	0	0	1	0	0	None	0				117.5	117.64	0.14	B001133					
		FTLN		117.64m - 118.95m	Dark green - light green, fine to medium grained, 80-35% BT, 15-20% chl, 40% quartz. chl-poor + wavy, bt+qtz is thin, fractured, swastka texture, 2-5% epidote. Again, an alteration zone, preferentially concentrated but no mineralization. No qtz + cd ₂ atm.	0	0	3	0	0	None	0				117.64	118.95	1.31	B001134					

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Assays													
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width	Sample Number	Cu %	Pb %	Zn %	Ag g/t	Au g/t								
				18.95 - 19.25 (m)	Abrupt lithology change across a 2.5cm bedded sill. Again, these medium grained sills may in fact be intrusive volcanics but not yet evidence to prove. Rock is dark green, finely laminated with ~2mm grains of Qtz + felds, grades into a fine, silty-siltstone. Overall, rock has a granular appearance. Weaker look for. No volcanic phenocrysts except for and. alt. (10%).						None	0				From 18.95	To 19.25	Width 0.30	Sample Number B001135												
	100%	FTGN	143°	119.25m - 120.1m	Sharp sedimentary contact. 2 interbedded rediments. 1, a fine grained, shaly laminated chloritic siltstone, 2, a medium grained, vt-qtz wecke. Thin layer of and-silica altered rock can bring epidote. Non-mineralized.						2	1	0	Low	10%																
	100%	FT	136°	120.1m - 120.7m	Very thin, finely foliated, crystal calc. 4.1. 27% Qtz. Small, $\approx 0.2-0.3$ mm, 10-15%, looks very much like a talcaceous wecke. Contact is steep, although crystal content is gradational down ward. Weak silica. ≈ 0.1 mm.						3	0	None	0																	
	100%	TSZ	142°	120.7m - 121.25m	TSZ, dark green, light green, very chl altered, whopy, siltstone. Further but medium grained, almost fragmental. 40% Qtz, 30% chl, 30% felds. Very shaly texture.						3	0	None	0																	
	20%	TS		121.25m - 122.57m	Green, silica rich siltstone, shaly laminated. Contact is abrupt but conformable. 80% Qtz, 5% at.						0	0	None	0																	
	20%	TS		122.57m - 123.22m	Gradational contact into the unit but sharp contact cut of the unit. Light green, silty. Coarse grained, 2mm-10mm, with occasional large feldspar crystals 2cm, 5-10% bt, 5% muscovite, 55-60% Feldspar, 25-30% Qtz. Greenish bluish. Moderately foliated.						0	0	None	0																	

HOLE # G-MOY - 15

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Assays						
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width	Sample Number	Cu %	Pb %	Zn %	Ag g/t	Au g/t	
124.1	100%	SI	237	123.22m - 125.95m	Medium gray, fine grained, lat. silthone (15%) silthone.	0	0	1	0	0	Med	0	blebby and ephalry py + pyrite in fractures and stringers	5%	123.22	125.95	2.72	8001140						
		PC		125.95m - 126.22m	Resnetic dyke. Sharp contact.	3	0	0	1	0	Low	100%			125.95	126.22	0.27	8001143						
	100%	SI		126.22m - 126.41m	Medium gray, fine grained, lat. silthone. Qtz-cut altered. Intervals of SZ with cut siles in lat matrix. Wharpy to mottled texture, almost subparallel. Associated with it is qtz/silica breccias, veins. Variation in the silthone is that it has medium to fine "buff" like material. Newshales, 5-4mm laminated texture expressed in silthone.	2	0	3	1	0	Low	15%	Disseminated pyrite and 2-5% blebs surrounding silice		126.22	126.41	0.19	8001144						
	100%	SI		126.41m - 126.71m	Conclude, K-cutting contact. Almost magmatic looking. Dark, dense, metallic purple color. Bimodal grain distribution. Matrix supported with rounded to subrounded qtz, lithic "sandstone" grains. Seen to 0.5cm (20% of rock). Part is < 0.5cm, subrounded to subangular fragments + clasts of qtz, lithic + "zeolitic" material (30-35%). Looks like a pelitic conglomerate with a sulphidic matrix. Note: the pebbles are not deformed and the horizon does not have a deformation fabric. Is it possible that this was a conglomerate unit that was filled with sulphidic veins? Is this a magmatic sulphidic body with silice filled amygdalae? What the fact is this? Definitely a new style of mineralization. Note: localized magnetite response, pyrite.	0	0	0	0	0	None	0	0	Dark looks like massive, fine grained ephalry with 10% chelepyrite. The epy occur as disseminations and infillings interstices between "clasts". Also, more epy is located at the kingy - gradual contact than at the abrupt contact.		126.41	126.71	0.30	8001145					

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Assays								
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width	Sample Number	Cu %	Pb %	Zn %	Ag g/t	Au g/t			
129.0				129.05m - 130.05m	Siltstone. Intensely altered with bt + chl + qtz. Thin intervals of unaltered siltstone. The siltstone is strongly laminated. The alteration zones are sharply bounded. of chl + bt. 2-3 silica bands. Rock is a qtz-chl altered <u>reticulate siltstone</u> . Res to HCl.	0	3	1	0	0	Med	10%				129.20	130.05	0.85	B201148							
130.05				130.05m - 130.32m	Muscovite-biotite - qtz-feldspar porphyritic granite. Foliated with unformal con beds	0	0	0	0	0	Med	0						130.05	130.32	0.27	B201149					
130.32				130.32m - 131.4m	Very fine grained, bt rich siltstone. Note: these bt-rich, fine grained siltstone metafly derived from mafic rock source. Thin features are lined with CO ₂ .	0	0	1	1	0	Low	0	Deseminalized P1 + sphaly - likely P1 0.5 cm along fault.					130.32	131.40	1.08	B201150					
131.4				131.4m - 132.13m	Musc - biot - qtz - feld's porphyritic granite	0	0	0	0	0	None	0						131.40	132.13	0.73	B201151					
132.13				132.13m - 133.85m	qtz-chl altered, biotite-rich siltstone. Chl + biot foliated with siltstone. However, occur as whorls + banded like. Some of the chl is polphyblastic. Very fluid texture Overall 25-30% chl, 25-30% BT, 35-40% RTZ, 1 CO ₂ . Silica veins 0.3-0.4 mm thick. Alth may be a result of the QFP.	1	0	3	1	0	None	5%							132.13	133.85	1.72	B201152				
133.85				133.85m - 134.07m	Musc-biot-qtz-feld - porphyritic - granite. +/- garnets, 0.2mm.	0	0	0	0	0	None	0%							133.85	134.07	0.22	B201153				
134.07				134.07m - 134.80m	qtz-altered biotite-rich siltstone. Medium grey thinly foliated, generally fine grained with 50% qtz, 30% BT, 5% chl, 15% silica veins + qtz fragments. Almost like lapilli but not stratified or elongate.	2	0	1	0	0	None	15%	Sphingite, P1 + cpy along S-72. bt veins anal along fractures + to quartz.						134.07	134.80	0.73	B201154				
134.8				134.8m - 135.13m	Musc-biot-qtz-feld porphyritic granite.	0	0	0	0	0	None	0						134.8	135.13	0.35	B201155					

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Assays						
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width	Sample Number	Cu %	Pb %	Zn %	Ag g/t	Au g/t	
139.57m - 140.8m	100%	PGH		139.57m - 140.8m	Abundant contact. Very siliceous, > 75% pure qtz, 20% subhedral feldspar, 5% mafics (bt + hornblende). Yellow to blue-green that to some of the qtz but generally white to translucent. First conclusion is that this is a pegmatite dyke. However, we have ground nature + pegmatite look give this a hypilitic look. ± 3% garnets.	3	1	0	0	0	Mod	50%			139.57	140.80	1.23	B001162						
140.8m - 142.25m	63%	HFT?		140.8m - 142.25m	Gradational contact with increasing bt content towards lower contact. Overall, 10-15% BT subhedral, very fresh, 5-10% muscovite/sericite which increases towards lower contact. Ti-5% chl. > 70% qtz. This looks like a well silicified - mica-qtz v. or quartzite. or siliceous amphibole-tuff.	2	1	1	0	0	Mod					140.80	142.25	1.45	B001163					
142.25m - 143.10m		SZ	125°	142.25m - 143.10m	SZ, musc-chnl-bt contact with subhedral garnets (< 5%), ± epidote altn.	0	1	1	2	0	Mod				142.25	143.10	0.85	B001164						
143.10m - 143.63m	105%	FS		143.10m - 143.63m	Abundant contact, felsic sill	3	1	0	0	0	Mod				143.10	143.63	0.53	B001165						
143.63m - 144.51m	107%	SZ		143.63m - 144.51m	Musc-chnl-bt-shalt, met-sediment, semi-silicified, no garnets.	1	1	1	0	0	Mod				143.63	144.50	0.87	B001166						
144.51m - 147.85m	88%	SZ		144.51m - 147.85m	Muscovite - bt-shalt, met-sediment with 20% garnets, < 2mm, subhedral, slightly embayitized.	0	1	1	0	0	Mod	0%			144.51	147.85	1.37	B001168						
147.85m - 149.46m		SZ	106°	147.85m - 149.46m	SZ, intensely altered by CO ₂ + Qtz-chnl. Intei bedded silstone + ser-bt-shalt.	2	1	2	3	0	High	20%			147.85	149.46	1.61	B001169						
149.46m - 152.35m	100%	FI		149.46m - 152.35m	Felsic intrusive, muscovite-granite. Some cross cutting pegmatite layers/veins.	0	0	0	1	0	Mod	0%			149.46	150.50	1.04	B001170						
150.50m - 151.5m				150.50m - 151.5m											150.50	152.35	1.85	B001171						

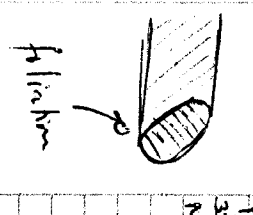
Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples		Sample Number	Assays						
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To		Width	Cu %	Pb %	Zn %	Ag g/t	Au g/t	
		SI	47°	152.35m - 154.70m	originally a fine grained chlorite albstone, thinly laminated, lot-rich. Rock is intensely qtz-cil altered with associated mineralization. Cil is fine grained and gradational, cementation next to the silice veins and adhering outwards. Rough texture.							15%	Fine grained, blocky pyroclitic and filling fractures next to silica veins + blebs.	2.3%	152.35	154.70	0.85	8001172						
		CSK		153.70m - 154.70m	gradational outcrop. Porphyritic lithology + texture overprinted by qtz-CO ₂ -cil alb. White, green and pink. Chaotic, mixed texture. blebs like matrix texture. Possibility that dark minerals = clays. Also occur in amorphous blebs, streaks, and irregular veins. CO ₂ fill tiny fractures. Cil occur as fine dissemination + outwashed, elongate xstals. Could this be a calc-siliceous vein. Note: epidote also present.									Pyroclitic occur as blebs 5-7% o.2 - o.3 mm and as spiky mineralization in calcite and qtz, along fractures and disseminated.	5.7%	153.2	154.7	1.5	8001172					
		SI	43°	154.70m - 158.07m	Gradational outcrop. Nature of interbedded: albstone, finely laminated, gray, lot rich with occasional lapilli grains (o.2-0.4) - wacke, medium grained, coarsely laminated, lot-qtz + cil thin, 0.5 cm, veins of silica																			
		FTG		158.07m - 160.03m	Gradational contact. Graptol grain size. Matrix is a fine grained, lot-rich, qtz-wacke. 60% elongated, o.2-0.3 mm, qtz "crystals" + lapilli. Definite shaly texture, almost argen like. blebs like a fragmental crystal rock buff in an argillaceous sediment. Ets slight chloritization of lot matrix. Ets nomenclature FTG, granular felsic buff. No doubt this unit is semi-siliceous due to 3-4cm fabric due to							10%			158.07	160.03	1.94	8001176						

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Assays						
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width	Sample Number	Cu %	Pb %	Zn %	Ag g/t	Au g/t	
100.03m - 100.70m			2920		irradiational contact unit is interbedded granular felsic tuff in argillitic matrix and fine grained actinolite (2-3%, <2mm), - chlorite (3-5%), fine grained - bt (5-10%), fine grained, detrital, phylitic siltstone (too fine to be a matrix) and nodular green, thin foliate of white ch-rich matrix and 30-35% lapilli quartz elongate and composed of qtz + feldspar + felsic lapilli tuff. Overall = felsic lapilli tuff.	1	0	2	1	0	0	low	0%	Disseminated + platy or splintery pyrite + pyrrhotite, 2-3% py, 1-2% pyf.	2-5%	100.03	100.70	0.67	B0021177					
100.010m - 101.07m	100%		1450		irregular crystal rich lapilli tuff, felsic, silicified, indicated by 0.5cm silica veins. Interbedded are quartzes rich in lapilli or qtz-xstals and breccia (argillitic) interbeds.	1	0	1	0	0	None	10%			100.70	101.04	0.34	B0021178						
101.04m - 101.43m					Bt + feldspar rich, tuffaceous matrix interbedded with qtz rich, bitite siltstone. Not sure if this is a result of metasomatism.	1	0	1	1	0	Mod	0%			101.04	101.43	0.39	B0021179						
101.43m - 105.85m			2480		Overall light gray to milky white. Unit is interbedded with fine, bitite, clay-rich siltstones (2-5cm thickness). Dominant rock is bimodal in grain size with up to 40% crystal content in a dark matrix. Crystals are 0.4-0.8cm long, oval with tails and either size due to deformation. Crystals are aligned and composed of feldspar + qtz. Matrix in rock may show crystal contact up to 65%. Matrix is composed of qtz + bt, very fine grained with whorly texture (<2%).	2	0	1	1	0	low	25%	None.			101.43	102.28	0.85	B0021180					
															102.28	103.05	0.77	B0021181						
															103.05	104.50	1.25	B0021182						
															104.50	105.85	1.55	B0021183						
102.8																								
103.1																								

Back is silica altered in areas down with qtz veins of qtz + bt veins. Bt is removed & replaced with silica giving it a massive to "porphyritic" look. Overall, rock is a white-qtz-feldspar matrix, mostly derived from an intermediate (40-60% felds) crystal tuff that's been reworked. Fit's nomenclature of granular felsic tuff.

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Assays					
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width	Sample Number	Cu %	Pb %	Zn %	Ag g/t	Au g/t
165.95m - 166.16m	100%	FTG	L48°		FTG alteration zone due to felsic & qtz dykes, and bounding fault at lower contact. It is replaced by silica but replacement is very patchy. Rock still very shaly with relict and ovoid feldspar crystals. White mica most likely sericite developed in halite-salt layers, up to 10%. Overall, 25% feldspar crystals, matrix = 15-25% BT, 30% CH, 5% Sericite, ± 15% qtz/silica. Note, CO ₂ often present in veins but weak. Rock is fracture abundant with CO ₂ sericite + veen. Qtz veins 0.3cm. Weak epidote also.	2	1	1	2	0	High	15%			165.85	166.30	0.95	8001184					
168.16m - 169.34m	100%	FLT			3FB, Rusty, dusky, brown. Intensely fractured and broken up, angular clasts < 2mm to 5cm. Intense can to HCl indicating CO ₂ fluids possibly a late fault as it is not deformed with the rocks. Fault also covered with silica.	3	0	0	3	0	High	90%			168.16	169.34	1.18	8001185					
169.34m - 172.30m	100%	FLT			FTG, intensely Qtz-CO ₂ altered, fractures. weathered to clay in sediment vein layers. Development of white mica, possibly muscovite (S-T) in bt-rich layers. Thin silica veins, 2-3cm, and this interval crystal content still 20-25%, 0.5cm ags.	3	1	1	2	0	Med	25%			169.34	171.4	0.82	8001186					
172.30m - 174.93m	100%	FLT			172.30 - 173.4, Intensely altered FTG with some mainly SiO ₂ -CO ₂ -epidote alteration weathering in intense fracture. Silica in between clasts are weathered to clays (brown, soft) and fragmental texture is less.	3	1	2	0	Med	10%			172.30	174.93	1.24	8001187						
172.30 - 173.4					172.30 - 173.4, Fault zone, all broken up, angular, intensely silica + CO ₂ altered.									172.30	173.4	1.81	8001189						
173.4 - 174.93					173.4 - 174.93, altered, epidote + CO ₂ , quartz.									173.4	174.93	0.52	8001190						
174.93 - 174.93					174.93 - 174.93, fault gouge.									174.93	174.93	0.81	8001191						

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration					Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Samples			Assays						
						Silica	Sericite	Chlorite	Carbonate	Magnetite					From	To	Width	Sample Number	Cu %	Pb %	Zn %	Ag g/t	Au g/t	
174.03m-175.62m		FTL	145'	174.03m-175.62m	Dark grey, thinly foliated, structure. Matrix is biotite, 15-20%, white mica (could be muscovite), 2-5%, and fine to medium grained qtz, 20-30%. Clinbin fragments of feldspar, 0.2-1.2cm, up to 40%. Near fragmental crystals are semi-deformed, oval with tails, most are rotated. Pt-feldspar with crystal overgrowths. F's non-recrystallized. FTL, felsic large buff.	1	1	1	0	0	Low	10%			From: 174.03 To: 175.62	0.81	Accl192							
173.82m-177.17m		TSK 151'		173.82m-177.17m	Radiational cracked. Dark grey. Coarse grains in very fine-grained matrix. 40-50% qtz, 30-35% Biotite, 5-10% muscovite, 5% chl. Fracture + biotite contain trace epidote. Rock is intensely foliated and Pt looks sedimentary. Overall, rock is a coarse sheet or wacke that's been sheared. Occasional crystals + frags indicate possible volcanic origin. Although no garnets, should appear in flow. F's non-crystallized of TSK. Includes waste, muscovite - (garnet) - should check.	0	1	1	0	0	Med	2-5%	Dramatically perthitic + Pt along bt-feldspar	2%		From: 173.82 To: 177.17	1.35	Boc1193						
177.17m-186.4 (est) m		F I		177.17m-186.4 (est) m	Disrupt contact with a 2cm chilled margin. Deformed, granitic rock, medium grained, oligoclase texture with a very weak foliation. 10-15% antifer-biotite sheet either has a grain or corner that with, 30-35% qtz, grey & translucent, 55-60% feldspar. Multi-phasic. Tr - 2%. Stromatolites. F's non-crystallized of Chlorite, Monzonite Granite, FI.						Low		Rhyolite mineralizing in fine grained texture associated with biotite + stromatolites.	1-2%		From: 177.17 To: 186.4	1.83	Boc1194						
																	From: 179.2 To: 181.3	2.3	Boc1195					
																	From: 182.0 To: 183.4	1.7	Boc1196					
																	From: 183.4 To: 185.1	1.4	Boc1197					
																	From: 185.1 To: 186.2	1.7	Boc1198					
																	From: 186.2 To: 186.4	1.5	Boc1199					

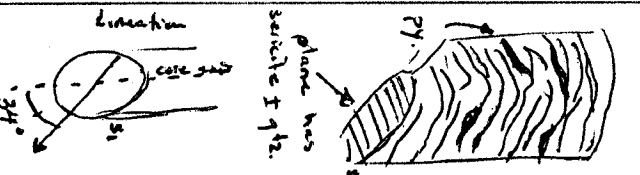


Finished Oct. 13, 2004

DRILL LOG

PROJECT	GORNET REGIONAL DRILLING 2004 PROJECT # 1638	GROUND ELEV.	1775 m
HOLE NO.	GNDY-16	BEARING	250°
LOCATION	FINLAYSON DISTRICT, YUKON NORTHING: 6800993 mN EASTING: 423347 mE	DIP	-80°
		TOTAL LENGTH	375.5 m
LOGGED BY	PHU VAN BUI	HORIZONTAL PROJECT	
DATE	OCTOBER 6, 2004 - OCTOBER 24, 2004	VERTICAL PROJECT	
CONTRACTOR	TITAN DRILLING LIMITED	<p>ALTERATION SCALE</p> <p>absent slight moderate intense</p>	
CORE SIZE	NQ	<p>TOTAL SULPHIDE SCALE</p> <p>traces only < 1% 1% - 3% 3% - 10% > 10%</p>	
DATE STARTED	OCTOBER 6, 2004		
DATE COMPLETED	OCTOBER 24, 2004		
DIP TESTS	REFLEX E2-3MOT TESTS TAKEN @ 307', 450', 462', 612', 762', 912', 1062', 1212'. SEE SUMMARY.		
COMMENTS	<p>PURPOSE OF THIS HOLE WAS TO TAKE A 400 m STEP OUT OF PREVIOUS LOCATION WHERE TWO HOLES (GNDY-14 + GNDY-15) INTERSECTED MASSIVE <u>SCHALERITE</u>.</p> <p>COMPLICATIONS IN DRILLING INCLUDED DRY HOLE CONDITIONS, FAULTS, AND STANDBY TIME DUE TO POOR WEATHER CONDITIONS. TOTAL OF 18 m OF CORE WAS LOST DURING TRANSPORT VIA HELICOPTER ON OCTOBER 15, 2004.</p>	<p>LEGEND PLEASE REFER TO THE 2000-2001 NOMENCLATURE USED BY TUCKER ET AL.</p>	

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration						Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results							
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet					Staurolite	From	To		Width	Cu %	Pb %	Zn %	Ag g/t	Au g/t		
0				0-12.38m	Start October 20 th , east; 12:05 PM Casing up to 20'ft (24.4m) due to cave.																						
1	0%	SESH	∠ 53° to core axis (TCA)		Overburden, soil + clays + rubble. Back to weathered top to light brown, fine grained, siliceous, perhaps due to compaction undergone due to intense weathering. Smallest texture with blebs alteration features, i.e. very white and bounded. Alteration is qtz-CO ₂ & chl. Mineraloid. Looks like a false divided <u>epidote</u> New mineraloids to legend. SESH.								80%	N/A		1-2.5%											
2					Note: big intervals are rubble, interposition wound on small intervals of competent rock foliation 53° dip to core axis, limestone 34° to foliation dip.																						
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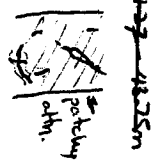
Dark grey, very fine grained, thinly foliated,
slightly to phyllite texture, foliations almost
look like x-crafting bed phases. Moderately fractured
with tiny veins. Siliceous, S₂O₂ altered.
Cracks CO₂ filled & along foliation. Foliation
surface has a dull reflection with minor
bt (5-10%), < 5mm, subhedral). Slightly
sericitic. I would call this a phyllite.
Nonmetallic compatible with SA,
phyllite argillite. Mapping 2004 found
these units at the very top ridges of
GoalNet target G1.

disseminated py, very
fine, pervasive, also
as blebs at terminus of
small veins & cleavage
planes (foliation planes)

unseparated fine
py, fine grained between
foliation planes, along tiny
fractures, and as blebs
in sack.

16:0 18:37 20:37 GoalNet
low sulphide analysis.

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results							
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To	Width		Cu %	Pb %	Zn %	Ag g/t	Au g/t			
41-41.5				41-41.5m Fractures are 25° to concave, CO ₂ filled													41.27	42.7	1.43	8001203								
42				42-42.75m massive in Qtz-CO ₂ + chl ± epidote alteration. Overall alb is patchy and fractured controlled. 10-12% SiO ₂ , associated with 15-20% epidote in patches or veins. Chl is pervasive, 5-10% lineation cut. Alteration wispy & banded. Felsic around 1-3cm silica veins. However, most of SiO ₂ is swept from metamorphism.																								
43				43.75m - 48.8m variation on description same as above but increase in SiO ₂ precipitation.	2	1	2	1	2	0	0	Med	5-10%															
44				44.25m - 44.50m intense fracture development.																								
44.5				44.5m - 49.10m Note: thin layers bt rich (1-2cm thick) develop here with slight garnet development.																								
45				45.75m - 47.1m Note: intensely fractured, CO ₂ altered to sand. Clay like, dusty, waxy.																								
46				46.75m - 47.1m CO ₂ rich (cutting foliation planes), bt mod outcrops. CO ₂ ± 25% pervasive + wispy. Qtz ± garnet is banded. Development of garnet, <2mm (trace) & staurolite (abundant), <2mm, trace).	2 1/2	0	2	3	1	0	0	Med	Tr-5%															
47				47.1m - 49.8m Intensely veined, westward to dirt, Qtz - epidote altered with 5cm milky bull Qtz veins.	3	0	1	1	1	0	0	Hgh	85%															
48				48.8m - 49.10m Dk grey, thinly foliated, massive, 50-40% Qtz, wispy Qtz-CO ₂ veins concordant to foliation, fine to medium grained. Tr-5% staurolite. Staurolite derived from quartz.	1	0	2	2	1	0	1	Low	2%															
49				49.10m - 51.58m Medium green, fine to medium grained with 1-2cm granular or crystals up to 10cm. Qtz - bt - talcous matrix, not much epidote. Alb is patchy with Qtz-CO ₂ ± chl ± epidote.	1	0	1	0	1	0	1	Low	0%															
50				50.75m - 51.58m Dissiminated + locally disseminated pyrite.																								
51				51.58m - 53.1m Disseminated + locally disseminated pyrite.																								
52				52.25m - 52.75m Disseminated pyrite.																								
53				53.1m - 54.75m Disseminated pyrite.																								
54				54.75m - 57.04m Disseminated pyrite.																								
55				55.04m - 59.50m Disseminated pyrite.																								
56				56.04m - 56.75m Disseminated pyrite.																								
57				57.04m - 57.75m Disseminated pyrite.																								
58				58.04m - 58.75m Disseminated pyrite.																								
59				59.04m - 60.75m Disseminated pyrite.																								



Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results				
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To	Width		Cu %	Pb %	Zn %	Ag g/t	Au g/t
61		FTGN (variation)		57.50 - 46.7m	Siltstone similar to 2.38-24.0m. Dark grey, fine grained with occasional medium grained interbeds (2-3m) and bitite-co ₃ interbeds (SZ, 3-4cm). Overall slightly laminated phyllitic to structure texture. 22.5% Qtz, 5-10% CHL, 20-30% qtz, 30-40% other. Rock is moderately veined by qtz-co ₃ and altered by chl + epidote. Serpentine remains a marginal vein, patchy. Rock has bitite alteration and a ch-cl. bit. vein with qtz-co ₃ + chl + ep. atn. on SZ contact is gradational.	2	0	1	1	1	0	0	0	Med	15%	Slightly py between foliation planes and blebby py in qtz-co ₃ veins. Some ch-cl veins in lot above py disseminated.	24%	From 63.75 to 61.50 0.75 meters wide Rock Analysis	B021205						
62		FTL		66.9 - 69.53m	Intensely broken rock, rubble. Some intervals unaltered and "ground" to soil. Rock is SI, bitite from siltstone.	2	0	2	2	1	0	0	0	80%	2%	Massive pyrite & "strong" fine grained, laminated in fractures.	1-2%								
63	100%	FTGN (W)		69.53 - 72.26m	Contact between siltstone & <u>fluviaceous</u> waste abrupt & discordant. Almost an occasional unconformity. Med grey, fine-med grained, shaly foliated structure texture. qtz-co ₃ - epidote atn. [71.08-72.26, ATN]	1	0	1	2	1	0	0	high	15%	strong pyrite	1-2%									
64				72	12.26m - 80.35m	Medium grey, medium grained, bt matrix (60%) with elongated/flattened qtz grains or "can", 1-2mm in size. Rock is shaly foliated with discordant atn. Rock is phyllitic to structure. This is a qtz-biotite-actinolite vein.	2	0	1	1	2	0	0	Med	10%	fine grained, associated with qtz-co ₃ -ep atn stringers.	1-1%								
65				70																					
66				71																					
67				72																					
68				73																					
69				74																					
70				75																					
71				76																					
72				77																					
73				78																					
74				79																					
75				80																					
76				81																					
77				82																					
78				83																					
79				84																					
80				85																					
81				86																					



162° TCA.
Quadrilateral carbonate alteration

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results				
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To	Width		Cu %	Pb %	Zn %	Ag g/t	Au g/t
161		IS	4°	161.0 - 164.0 m	light to medium grey, fine to medium grained, thin to medium grained, phyllitic with sericite rich foliation planes. Qtz (50-75%) + bt (0.5-20%) 2-5% sericite. Dissected Qtz ± epidote veins, ± 2-3% epidote, <u>SI = albstone</u> .	0	1	1	1	1	0	0	Low	0	fine, disc, 2 shaly py. 2-3% assay: low sulphides										
162	100%	IS	4°	164.0 - 164.35 m 164.35 - 168.35 m	light grey quartzite ± Qtz chn interbedded with dark green, fine to medium grained, quartzite with staurolite grains parallel to foliation chn (30-45%), bt (5-10%), shour (5-7%), Qtz (30-40%), ± CD ₂ + ap. shour - bt - chn chn TSZ ± albstone quartzite, GSC, TSZ.	1/2	0	1	1	1	0	0	None	5%	Disc py										
163		TSZ	273° → 1°	168.3 - 169.7 m 169.7 - 169.92 m 169.92 - 169.50 m	light grey, fine grained, shaly foliated, bt - Qtz - phyllitic albstone. Dissected Qtz + epidote veins, bands of chn 23mm, lemy chn staurolite shaly interbedded.	0	0	1	1	1/2	0	0	None	0											
164		GSC		169.5 - 170.7 m	Medium grey, fine grained, shaly foliated, shour, shour (2-5%), bt (10-20%), Qtz (40-60%) shour - bt chn (10%), st - chn - bt - Qtz - albstone. Gise broken into angular, well rounded ps.	0	0	1	1	0	0	1	None	0											
165	100%	IS	273°	170.7 m - 171.83 m 171.83 - 172.5 m	TSZ, st-chn-bt-Qtz quartz	0	0	1	2	1	0	0	High	0											
166		TSK		172.5 - 176.16 m	siltstone interbedded with st-chn-bt-Qtz shist	0	1	1	1	0	0	1	High	0											
167		TSK		176.16 - 178.7 m	light grey to white, fine to aphanitic quartzite with interlayered chn bands, ± banding chn bands. Qtz veins 2-3mm present. could see heavy silicified albstone.	3	0	2	1	1	0	0	Low	10%	White rock low sulphides										
168		TSK		178.7 - ?	LOST CORE																				

176.16, 177.36, 1.20 B001230
177.36, 178.16, 1.30 B001231

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results							
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To	Width		Cu %	Pb %	Zn %	Ag g/t	Au g/t			
185.0 - 186.0					Light brown due to weathering CO ₂ , silstone.	1	0	2	3	1	0	0	high	10%			186.0	186.65	0.15	B001233								
185.4 - 185.5					185.4 - 185.5, 185.7-186.0, FT, gouge + frags	3	0	2	3	1	0	0	Mod.	0			186.5	187.66	1.01	B001234								
186.0 - 187.66m					light grey quartzite with blebby chl + epi + CO ₂ alteration along foliation. Ripped along foliation. Fine everywhere else, 70-80% qtz, 10-15% chl, 5% ep. + medium grained br-gtz. wacke, 2-3% gnt. + light grey, fine grained, silty wacke interbedded with chl + epi + CO ₂ layers, which are light to medium green. The white layers are quartz CO ₂ . The green layers are coarse crystals of diamond shaped pyroxene? maybe dispersed up to 5%. 10-12% chl, silty in texture, and 2-3% epidote. 3-4% red garnet (small) ± grossular, 1 TT-1% staurolite, mineral pyroxene 2mm. Very tempting to call this a calc-silicate stain but looks more like a limy silstone.																							
187.66 - 188.3						1	0	0	1	0	1	0	Mod	0			188.3	193.76	2.04	B001235								
188.3 - 195.24m						2	0	3	3	2	1	1	Mod	10%														
195.0 - 196.2																												
196.2 - 196.54																												
196.54 - 200.90																												
197.0 - 197.2																												
197.2 - 198.0																												
198.0 - 199.0																												
199.0 - 200.0																												
200.0																												

100% CSK OR **LS** 260°

195.84 - 196.2
196.2 - 196.54
196.54 - 200.90
197.0 - 197.2
198.0 - 199.0
(P-11)

green, medium grained, br-gtz wacke. Stain - chl + br-st, 2z
Dark + light green, fine grained wacke.
Periphyllites of garnet & speckled stain.
Miner foliated & massive. 1-2% gnt, 3-4 mm, elongate and periphyllitic; 2-5% staurolite, 2mm, subhedral, very pale pink to white, oriented along foliation; 20-25% chl; 30% Qtz; 30-35% gtz. Pale to wharf. Chl + gtz stain, abundant. Replacement, gnt-st - chl + br-st stain.
Note: ± epidote, wacke magmatic.

All Low Sulphide Analyses

191.6	192.20	1.04	B001238
192.2	193.6	1.4	B001239
193.6	195.2	1.6	B001240
195.20	195.84	0.64	B001241
195.84	196.20	0.36	B001242
196.20	196.54	0.34	B001243

Standard → B001244

LMD
LS
P-11
LS

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration								Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results						
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite	From					To	Width	Cu %		Pb %	Zn %	Ag g/t	Au g/t			
200.9	100%	L	L	200.9 - 203.65	Medium green calcic schist in a block lot matrix. Fragments irregular 2mm - 7mm, elongated along foliation, replacement to subordinate texture, fragments 20% qtz, 30% felds, 40% chl, 10% mica, 10% pyrite, 10% pyrrhotite, 10% silicates. (Pg) veins, good contact. 202.81-203.85, Pch.	0	0	3	2	1/2	0	1/2	0	1/2	0	None	0	dissiminated py.	Trace	200.9	201.9	1.0	B001251					
201		L	L	201.9 - 202.87															201.9	202.87	0.97	B001252						
202		L	L	202.87 - 203.58															202.87	203.58	0.71	B001253						
203		L	L	203.58 - 203.65															203.58	203.65	0.07	B001254						
204		L	L	203.65 - 205.2															203.65	205.2	1.55	B001255						
205		L	L	205.2 - 205.8															205.2	205.8	0.40	B001256						
206		L	L	205.8 - 206.1															205.8	206.1	0.20	B001257						
207		L	L	206.1 - 207.1															206.1	207.1	1.0	B001258						
208		L	L	207.1 - 208.2															207.1	208.2	1.1	B001259						
209		L	L	208.2 - 209.4															208.2	209.4	1.2	B001260						
210		L	L	209.4 - 210.95															209.4	210.95	1.55	B001261						
211		L	L	210.95 - 211.4																								
212		L	L	211.4 - 213.34																								
213		L	L	213.34 - 213.85															213.34	213.85	0.49	B001366						
214		L	L	213.85 - 215.93															213.85	215.93	0.08	B001367						
215		L	L	215.93 - 219.75															215.93	219.75	0.44	B001374						
216		L	L	219.75 - 220.0															219.75	220.0	0.25	B001375						

qtz-felds porphyritic, scales 2-4cm, patchy
FTM, bt-qtz-wacke.
matrix lapilli texture or angular, 6% felds,
85% ST.

along pyrite bands
along schist.
diss py and fine grained schist.
lensed pyrite + tr
pyrrhotite along lot
interflow. splashy py also
present but not
dominant

Standard. 2

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Assay Results						
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To	Width	Sample #	Cu %	Pb %	Zn %	Ag g/t	Au g/t	
221.51	100%	FTN	775°	221.51-221.59m	medium ground, swastone, lot of quartz-vein. Is-1% ground, 1-2mm, 1-3% sericite fine 3-4mm, epidote line fractures up to 1/2" CO2 alb. Block at even metric half with 20% calc.	0	0	1	0	0	0	0	0	None	0%	stringy pyrite	3.4%	221.59	221.70	0.31	B001379					
222	100%	FTN	775°	221.9-222.18	emphatic fabric flags 1-1cm in aquiline now bit. Disorient contact, FTN, swirling FTN, 5cm.	0	0	3	0	0	0	0	None	0%			221.9	222.18	0.28	B001380						
223	100%	FTN	775°	222.18-222.38	Disorient contact, FTN, swirling FTN, 5cm.	2	1	1	0	1/2	1	1	Mod	20%			222.18	222.38	1.20	B001381						
224	100%	FTN	775°	222.38-224.0	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	1	2	1	1	0	2	low	0%			222.38	224.0	0.22	B001382						
225	100%	FTN	775°	224.0-224.7m	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	0	3	0	0	0	0	None	0			224.0	224.7	0.37	B001383						
226	100%	FTN	775°	224.7-225.17	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	0	2	1	1	0	0	low	0			224.7	225.17	0.56	B001384						
227	100%	FTN	775°	225.17-226.7m	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	0	1	1	1	0	0	Mod	0			225.17	226.7	1.53	B001385						
228	100%	FTN	775°	226.7-227.33	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	0	2	0	0	0	0	low	0			226.7	227.33	0.63	B001386						
229	100%	FTN	775°	227.33-228.33	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	0	2	0	0	1	1	low	0			227.33	228.33	1.00	B001387						
230	100%	FTN	775°	228.33-229.07	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	0	2	1	0	0	1	None	10%			228.33	229.07	1.55	B001388						
231	100%	FTN	775°	229.07-230.47	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	0	2	1	0	0	0	None	0			229.07	230.47	0.60	B001389						
232	100%	FTN	775°	230.47-230.95	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	1	0	3	1	0	0	1/2	None	10%			230.47	230.95	0.46	B001390						
233	100%	FTN	775°	230.95-231.42	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	1/2	1	0	0	0	0	None	0			230.95	231.42	0.47	B001391						
234	100%	FTN	775°	231.42-232.0	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	1/2	1	0	0	0	0	None	0			231.42	232.0	0.12	B001392						
235	100%	FTN	775°	232.0-232.75	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	1/2	1	0	0	0	0	None	0			232.0	232.75	0.34	B001393						
236	100%	FTN	775°	232.75-233.75	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	1/2	1	0	0	0	0	None	0			232.75	233.75	0.12	B001394						
237	100%	FTN	775°	233.75-235.17m	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	1	0	2	0	0	1	1	None	0			233.75	235.17	0.26	B001395						
238	100%	FTN	775°	235.17-235.5	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	0	2	0	0	0	0	None	0			235.17	235.5	0.49	B001396						
239	100%	FTN	775°	235.5-237.17m	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	0	0	0	0	1/2	1/2	None	0			235.5	237.17	1.01	B001397						
240	100%	FTN	775°	237.17-237.75	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	0	0	0	0	1/2	1/2	None	0			237.17	237.75	1.32	B001398						
241	100%	FTN	775°	237.75-238.4	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	0	0	0	0	0	0	None	0			237.75	238.4	0.21	B001399						
242	100%	FTN	775°	238.4-239.05	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	2	0	2	2	0	0	1	None	10%			238.4	239.05	1.67	B001400						
243	100%	FTN	775°	239.05-240.51	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	3	0	1	0	1/2	0	0	Mod	90%			239.05	240.51	0.38	B001401						
244	100%	FTN	775°	240.51-241.88	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	2	0	2	1	1	1	0	low	0			240.51	241.88	0.58	B001402						
245	100%	FTN	775°	241.88-242.54	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	1	1	1	0	0	0	0	low	0			241.88	242.54	0.84	B001403						
246	100%	FTN	775°	242.54-244.05	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	1	1	1	0	0	0	0	low	0			242.54	244.05	1.05	B001404						
247	100%	FTN	775°	244.05-245.17	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	0	0	0	0	0	0	low	0			244.05	245.17	1.09	B001405						
248	100%	FTN	775°	245.17-246.7	FTN, lot of quartz-vein w/ epidote alb. ph. FTN, lot of quartz-vein w/ epidote alb. ph.	0	0	0	0	0	0	0	low	0			245.17	246.7	1.09	B001406						

note: Calc. thinks it's calcite, I call ballswite

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results				
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To	Width		Cu %	Pb %	Zn %	Ag gt	Au gt
240.54 - 241.70	100%	SA	174°	240.7 - 240.95 = FLI, + gauged.	*Geological context into wall. Dark grey to black, very fine grained, phyllitic and thin bedded, graphitic argillite/siltstone. 2-5% graphitic, 25-40% fine grained ch. 54-60% fine gr. silt.	1	0	1	0	1/2	0	0	Mod	0	fine grained pyrite interbedded and along discordant veins.	5-10%	240.54	241.70	1.16	8000607					
241.70 - 244.88	100%	N2L2 + N2L1	165°	241.70 - 244.88	Medium green, medium grained, phyllitic siltstone, 10-15% chl. 15-25% bt, 5-10% sericite, 10% gpt, 2-5% garnet, andradite, 1-3mm, 5% siltic. Talloccans wackes, generally present but gpt wackes.	1	1	1	0	0	1	0	Mod	0	Fine grained, disseminated, sparsely pyritic (3%) and pyrite (2%).	3-5%	241.70	242.73	1.23	8000608					
244.88 - 246.40	100%	SA		244.88 - 246.40	*dark grey to black, fine grained, siltstone to phyllitic. Some on previous siltstone description but mineralization + chills gpt + ser. alb. 10-12% garnet up to 1mm, chl boundaries + siltic.	1	0	2	2	1/2	2	0	None	0	4-6% pyritic, 5-4% py, disseminated and sparsely within filaments.	7-10%	244.88	246.40	1.52	8000611					
246.40 - 248.85	100%	SA		246.40 - 248.85	gnt (2-4%) - staur (5%) - chl (2.5%) - gpt (30%) - bt (40%) talloccans with 3 CO ₂ + gpt alb.	1	0	3	1	1/2	1	2	High	5%	pyrite + pyrito, blubby.	2-3%	246.40	247.50	1.10	8000612					
248.85 - 249.47	100%	A		248.85 - 249.47	graphitic argillite (SA).	1	0	1	1/2	0	0	0	Mod	0	5% py, 7% py, disseminated.	7-10%	248.85	249.47	0.62	8000614					
249.47 - 252.51	100%	A	167°	249.47 - 252.51	*dark to light green, fine and medium grained, 5-7% staurolite, 2mm, subradial; 10-15% chl, calcareous to shaly grains 2-4mm; 25% gpt; 45-50% bt, fine; gpt-co ₂ interbed, ± chl, ± TSx, staur-chl-act wackes.	1	0	2	1	1/2	0	1	None	0	disse. pyrite	2-5%	249.47	251.30	0.83	8000615					
251	100%	A		251		1	0	1	1/2	0	0	0	Mod	0	disseminated, stringy to blubby pyrite + fine bedded sparsely.	7-10%	251	253.33	0.82	8000617					
252.51 - 254.22	100%	N7L1	177°	252.51 - 254.22	light green + green, fine grained, phyllitic, 5-10% sericite, 10-12% chl, 40-60% bt, 20-25% gpt, 10-20% garnet, 40-50% staurolite. FTN.	1	2	2	1	1/2	1	1	Mod	0	disseminated, stringy to blubby pyrite + fine bedded sparsely.	7-10%	252.51	253.33	0.82	8000617					
254	100%	N7L1		254		1	0	1	1/2	0	0	0	Mod	0	pyrite + fine bedded sparsely.	2-5%	253.33	253.85	0.52	8000618					
254.22 - 255.8	100%	SA		254.22 - 255.8	graphitic, phyllitic argillite, siltstone like	2	0	1	2	3	1/2	0	High	20%	stringy blubby py	10%	253.85	254.22	0.37	8000619					
255	100%	SA		255		2	0	1	2	3	1/2	0	High	20%	stringy blubby py	10%	254.22	255.10	0.88	8000620					
255.8 - 258.15	100%	SA		255.8 - 258.15	graphitic, phyllitic argillite, siltstone like	2	0	1	2	3	1/2	0	High	20%	stringy + vein + disse. py +	7-10%	255.10	255.47	0.37	8000621					
258.15 - 262.48	100%	SA		258.15 - 262.48	graphitic, phyllitic argillite, siltstone like	2	0	1	2	3	1/2	0	High	20%	stringy + vein + disse. py +	7-10%	255.47	257.56	1.41	8000625					
259	100%	SA		259		2	0	1	2	3	1/2	0	High	20%	stringy + vein + disse. py +	7-10%	257.56	259.25	1.69	8000626					
260	100%	SA		260		2	0	1	2	3	1/2	0	High	20%	stringy + vein + disse. py +	7-10%	259.25	260.61	1.35	8000627					
260.04	100%	SA		260.04		2	0	1	2	3	1/2	0	High	20%	stringy + vein + disse. py +	7-10%	260.61	262.43	0.77	8000629					

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphur	Sample Interval		Sample #	Assay Results					
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To		Cu %	Pb %	Zn %	Ag g/t	Au g/t	
261	100%	FTN	271°	262.43-263.52	sec-cnl-bt-qtz hydrothermal veins	1	1	1	1	1	0	0	Med	0	cube-diss pyrite	31-17	262.43	263.52	1.27	B000630					
263	100%	FTN		263.52-266.67	Dark grey/black & green, fine grained, structure - 2-3% ser, 20% chl, 15-20% qtz am - lepidilli, KfH, 40-50% bt. Vein textures include budins of calcite 0.5-1.2cm; cml up to 60%. Similar texture to FTN.	1	1	2	1	1/2	1	0	Low	0	diss - py	Ti-21	263.52	266.67	0.76	B000631					
265	150%	TST		266.67-267.15	FTN, bt (5-10%) - cml (5-10%) - qtz (20%) - wacke 0	0	1	2	1	0	0	0	Low	0	blubby pa	Ti-17	266.67	267.15	0.28	B000635					
266	150%	TST		267.15-267.46	FTN, silicified pumice in argillite	1	0	2	1	0	0	0	None	0	diss py	Ti-17	267.15	267.46	0.28	B000636					
267	100%	FTN		267.46-268.53	FTN, silicified & cgl altered.	1	0	1	2	0	0	0	Med	0			267.46	268.53	0.54	B000637					
269	100%	FTN		268.53-272.98	FTN, silicified & cgl altered.	0	0	3	1	0	0	0	None	0			268.53	272.98	0.53	B000638					
270	100%	FTN		272.98-273.28	FTN, fine to medium grained, pyrophyllite to clinopyroxene, lot qtz-wacke. Ti-17 & garnet, 2 hornblende (Ti-21), semi-silicified, qtz, cgl & ep alb.	1	1/2	2	1	1/2	1/2	0	None	10%	diss py + po along wt fracture planes, cubic to splashy calc ground.	2-5%	272.98	273.28	1.22	B000639					
271	100%	FTN		273.28-274.44	FTN, bt-qtz wacke silicified, qtz-cgl	0	1/2	0	1	0	0	0	Low	0			273.28	274.44	1.16	B000643					
272	100%	FTN		274.44-275.06	FTN, bt-qtz wacke silicified, qtz-cgl	0	1/2	0	2	1	1/2	0	Med	0			274.44	275.06	0.62	B000645					
273	100%	FTN		275.06-276.19	FTN, dark to light green, medium grained, 5% chlor, 15-20% chl, 25-30% qtz, 40-45% bt. cml	1	0	3	1	1/2	1/2	1	Low	0	diss po + galena	2-11%	275.06	276.19	0.62	B000645					
274	100%	FTN		276.19-276.45	FTN, silicified, cgl & ep altered wacke.	3	0	0	1	2	1/2	1/2	Low	0	diss po + galena	5%	276.19	276.45	1.13	B000646					
275	100%	FTN		276.45-277.44	FTN, silicified, cgl & ep altered wacke.	3	0	0	0	2	0	0	High	100%			276.45	277.44	0.26	B000647					
276	100%	FTN		277.44-278.62	FTN, silicified, cgl & ep altered bt-qtz-wt.	2	0	2	1	1/2	0	0	Med	10%			277.44	278.62	0.99	B000674					
277	100%	FTN		278.62-279.73	FTN, silicified.	0	0	1	1	0	0	0	Med	100%			278.62	279.73	0.18	B000648					
278	100%	FTN		279.73-280.50	FTN, silicified.	2	0	1	1	0	0	0	Low	0	shiny po	1-2%	279.73	280.50	0.18	B000649					
279	100%	FTN		280.50-281.79	FTN, silicified.	0	0	1	0	1	0	0	None	0	shiny po	1-2%	280.50	281.79	0.7	B000659					
280	100%	FTN		281.79-282.81	FTN, silicified.	0	0	1	0	1	0	0	None	0	shiny po	1-2%	281.79	282.81	0.7	B000659					
281	100%	FTN		282.81-283.52	FTN, silicified.	0	0	1	0	1	0	0	None	0	shiny po	1-2%	282.81	283.52	0.7	B000659					
282	100%	FTN		283.52-284.53	FTN, silicified.	0	0	1	0	1	0	0	None	0	shiny po	1-2%	283.52	284.53	0.7	B000659					
283	100%	FTN		284.53-285.10	FTN, silicified.	0	0	1	0	1	0	0	None	0	shiny po	1-2%	284.53	285.10	0.7	B000659					
284	100%	FTN		285.10-286.67	FTN, silicified.	0	0	1	0	1	0	0	None	0	shiny po	1-2%	285.10	286.67	0.7	B000659					
285	100%	FTN		286.67-287.15	FTN, silicified.	0	0	1	0	1	0	0	None	0	shiny po	1-2%	286.67	287.15	0.7	B000659					
286	100%	FTN		287.15-288.53	FTN, silicified.	0	0	1	0	1	0	0	None	0	shiny po	1-2%	287.15	288.53	0.7	B000659					
287	100%	FTN		288.53-289.73	FTN, silicified.	0	0	1	0	1	0	0	None	0	shiny po	1-2%	288.53	289.73	0.7	B000659					
288	100%	FTN		289.73-290.50	FTN, silicified.	0	0	1	0	1	0	0	None	0	shiny po	1-2%	289.73	290.50	0.7	B000659					
289	100%	FTN		290.50-291.79	FTN, silicified.	0	0	1	0	1	0	0	None	0	shiny po	1-2%	290.50	291.79	0.7	B000659					
290	100%	FTN		291.79-292.81	FTN, silicified.	0	0	1	0	1	0	0	None	0	shiny po	1-2%	291.79	292.81	0.7	B000659					

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration						Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results						
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet					Staurolite	From	To		Width	Cu %	Pb %	Zn %	Ag g/t	Au g/t	
281	100	FRN		281.73-281.92	Platy, fine matrix of lat and 25% ash to well-sorted qtz felds grains. Tr. kaolinite	0	0	0	0	0	0	0	None	0	dispy	Tr-2%	281.73	281.92	0.19	B000654						
282	100	FRN		281.92-282.21	well-sorted qtz felds grains. Tr. kaolinite	0	1/2	1	0	0	0	0	None	0		Tr-2%	281.92	282.21	0.39	B000655						
283	100	FRN		282.21-283.55	TSK, Tr-1/2, garnet, 2-3% stau, 10-15% chl, 25% qtz, 40% lat, wackey, fuffiness.	1	1/2	2	0	1/2	1/2	0	low	0	dis py + py	Tr-2%	282.21	283.55	0.34	B000656						
284	100	FRN		283.55-284.34	amorphous quartzite.	1	0	2	1	1/2	1/2	0	low	0			283.55	284.34	0.79	B000657						
285	100	FRN		284.34-285.46	FRN, chl (5%), op (2-3%) lat (20%) qtz wackey, Tr-1/2, garnet, epidote in CO ₂ veins	1	0	1	1	1	0	0	mod	0	dis py + py	Tr-2%	284.34	285.46	0.72	B000658						
286	100	FRN		285.46-285.85	interbedded silty lat wackey, wackey	2	0	1	1	1/2	0	0	mod	0	dis py + py, stringy py	Tr-3%	285.46	285.85	0.73	B000659						
287	100	FRN		285.85-287.30	FRN → TSE, green, fine gr. phyllite, 5% sil, 5% op (in veins), 20-25% chl, 60-65% qtz, silty wackey	1	1	1	1	1	0	0	mod	10%			285.85	287.30	1.75	B000660						
288	100	FRN		287.30-289.15	FRN, interbedded silty lat, CO ₂ rich top altered, vein + abundant, wackey, brecciated by fluid flow.	3	1	2	1	2	2	1	high	20%	stringy py + py, S-Sem, wackey to splinty py, fine to cubic py, dis + splinty py.	Tr-10%	287.30	289.15	1.85	B000661						
289	100	FRN		289.15-290.25	Greenish lat, interbedded, 10% qtz, 85-90% chl, fractured, fine to medium, blocky, lat-shist.	0	0	0	0	0	0	0	None	0	dis + splinty py.	Tr-4%	289.15	290.25	1.10	B000662						
290	100	FRN		290.25-290.97	FRN, grey, fine to medium grained, lat - qtz - wackey. Wackey chlorite with cubic CO ₂ + ep veins. Local development of sericite from wackey to phyllite texture. Sericite up to 3%. Tr-1% Sn.	0	1	1	1	1	1	1/2	0	low	0	dis py	Tr-2%	290.25	290.97	1.45	B000663					
291	100	FRN		290.97-291.7													290.97	291.7	1.42	B000664						
292	100	FRN		291.7-292													291.7	292	1.62	B000665						
293	100	FRN		292-293													292	293	1.53	B000666						
294	100	FRN		293-294													293	294	1.52	B000667						
295	100	FRN		294-295													294	295	1.18	B000668						
296	100	FRN		295-296													295	296	1.62	B000669						
297	100	FRN		296-297													296	297	1.66	B000670						
298	100	FRN		297-298													297	298	1.66	B000670						
299	100	FRN		298-299													298	299	1.66	B000670						
300	100	FRN		299-300													299	300	1.66	B000670						

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results					
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To	Width		Cu %	Pb %	Zn %	Ag g/t	Au g/t	
320	0	FTM	26°	320.07-320.17m	Massive sulphide, phyllosilicate, pyrite conglom. gtz silica, gtz (30%) - bt (65%) - waste, FTM	0	0	0	0	0	0	0	0	None	0	25% argillite, 10% sp. 10% pyrite, 10% gtz	70%	320.07	320.17	0.10	B000701					
321	0	FTM	26°	321.55-321.87	FTM, gtz-chl altered pyrite in bt-matrix	1	0	3	1/2	0	0	0	None	0				321.55	321.87	0.32	B000703					
322	0	FTM	26°	321.87-322.10	FTM, gtz, foliated waste.	3	0	0	0	0	0	0	None	0				321.87	322.10	0.23	B000704					
323	0	FTM	26°	322.10-323.00	FTM, pyrite, fengs hematite, finely disseminated	1	0	3	1/2	0	0	0	None	2%				322.10	323.00	0.19	B000705					
324	0	FTM	26°	323.00-323.82	FTM, bt (60%) - gtz (40%) - waste	1/2	0	1	0	1	0	0	Low	5%	silica, py in epidote + fine grained py.	10%	323.00	323.82	0.22	B000706						
324	0	FTM	26°	323.82-324.14	FTM, ap-chl-bt-gtz waste	1	0	3	1/2	0	0	0	Low	0				323.82	324.14	0.34	B000707					
324	0	FTM	26°	324.14-324.70	FTM, gtz-chl altered pyrite, hematite, 0.5-4cm, elongated silicopy, 35% of rock, 65% bt matrix (argillite), gtz vein 1-2cm.	1	0	3	1/2	0	0	0	Low	10%				324.14	324.70	0.41	B000709					
325	0	FTM	26°	324.70-325.35	FTM, gtz-chl altered pyrite, hematite, 0.5-4cm, elongated silicopy, 35% of rock, 65% bt matrix (argillite), gtz vein 1-2cm.	1	0	3	1/2	0	0	0	Low	10%				324.70	325.35	0.10	B000710					
326	0	FTM	26°	325.35-326.20	FTM, gtz-chl altered pyrite, hematite, 0.5-4cm, elongated silicopy, 35% of rock, 65% bt matrix (argillite), gtz vein 1-2cm.	1	0	3	1/2	0	0	0	Low	10%				325.35	326.20	0.08	B000711					
327	0	FTM	26°	326.20-326.31	FTM, gtz-chl altered pyrite, hematite, 0.5-4cm, elongated silicopy, 35% of rock, 65% bt matrix (argillite), gtz vein 1-2cm.	1	0	3	1/2	0	0	0	Low	10%				326.20	326.31	0.08	B000712					
327	0	FTM	26°	326.31-326.74	FTM, gtz-chl altered pyrite, hematite, 0.5-4cm, elongated silicopy, 35% of rock, 65% bt matrix (argillite), gtz vein 1-2cm.	1	0	3	1/2	0	0	0	Low	10%				326.31	326.74	0.37	B000713					
327	0	FTM	26°	326.74-327.12	FTM, gtz-chl altered pyrite, hematite, 0.5-4cm, elongated silicopy, 35% of rock, 65% bt matrix (argillite), gtz vein 1-2cm.	1	0	3	1/2	0	0	0	Low	10%				326.74	327.12	0.24	B000714					
328	0	FTM	26°	327.12-327.72	FTM, gtz-chl altered pyrite, hematite, 0.5-4cm, elongated silicopy, 35% of rock, 65% bt matrix (argillite), gtz vein 1-2cm.	1	0	3	1/2	0	0	0	Low	10%				327.12	327.72	0.18	B000715					
329	0	FTM	26°	327.72-328.65	FTM, gtz-chl altered pyrite, hematite, 0.5-4cm, elongated silicopy, 35% of rock, 65% bt matrix (argillite), gtz vein 1-2cm.	1	0	3	1/2	0	0	0	Low	10%				327.72	328.65	0.10	B000716					
330	0	FTM	26°	328.65-329.15	FTM, gtz-chl altered pyrite, hematite, 0.5-4cm, elongated silicopy, 35% of rock, 65% bt matrix (argillite), gtz vein 1-2cm.	1	0	3	1/2	0	0	0	Low	10%				328.65	329.15	1.43	B000717					
330	0	FTM	26°	329.15-330.62	FTM, bt-gtz-waste with gtz-ep altn.	1	0	1/2	0	1	0	0	Wood	0	blubby py	2%	329.15	330.62	0.68	B000719						
331	0	FTM	26°	330.62-330.9	FTM, gtz-chl alk. pyrite 1-2cm in bt matrix	0	0	3	0	0	0	0	None	0				330.62	330.9	0.28	B000720					
331	0	FTM	26°	330.9-331.42	FTM, gtz-chl alk. pyrite 1-2cm in bt matrix	0	0	3	0	0	0	0	None	0				330.9	331.42	0.52	B000721					
331	0	FTM	26°	331.42-331.75	FTM, gtz-chl alk. pyrite 1-2cm in bt matrix	0	0	1	1/2	1/2	0	0	None	0				331.42	331.75	0.33	B000722					
332	0	FTM	26°	331.75-332.40	FTM, gtz-chl alk. pyrite 1-2cm in bt matrix	0	0	1	0	1/2	0	0	None	0				331.75	332.40	0.45	B000723					
333	0	FTM	26°	332.40-333.6	FTM, gtz-chl alk. pyrite 1-2cm in bt matrix	1	0	1	1/2	1/2	0	0	None	0				332.40	333.6	1.2	B000724					
334	0	FTM	26°	333.6-333.88	FTM, gtz-chl alk. pyrite 1-2cm in bt matrix	0	0	3	0	0	0	0	None	0				333.6	333.88	0.22	B000725					
334	0	FTM	26°	333.88-334.32	FTM, gtz-chl alk. pyrite 1-2cm in bt matrix	0	0	1/2	0	1/2	0	0	Low	0				333.88	334.32	0.44	B000726					
335	0	FTM	26°	334.32-334.55	FTM, gtz-chl alk. pyrite 1-2cm in bt matrix	0	0	0	0	0	0	0	None	0				334.32	334.55	0.23	B000727					
335	0	FTM	26°	334.55-335.4	FTM, gtz-chl alk. pyrite 1-2cm in bt matrix	0	0	0	0	0	0	0	None	0				334.55	335.4	0.85	B000728					
336	0	FTM	26°	335.4-336.65	FTM, gtz-chl alk. pyrite 1-2cm in bt matrix	1/2	0	1	0	0	0	1/2	Low	2%	bt-silica, sulfures, used for FT or SA			335.4	336.65	1.25	B000729					
337	0	FTM	26°	336.65-337.11	FTM, gtz-chl alk. pyrite 1-2cm in bt matrix	1/2	0	1/2	1/2	0	0	0	None	0				336.65	337.11	1.43	B000730					
338	0	FTM	26°	337.11-338.05	FTM, gtz-chl alk. pyrite 1-2cm in bt matrix	1	0	2	0	1/2	0	0	None	0				337.11	338.05	0.87	B000731					
339	0	FTM	26°	338.05-339.27	FTM, gtz-chl alk. pyrite 1-2cm in bt matrix	0	0	1	0	1/2	0	0	Low	0				338.05	339.27	0.22	B000732					
340	0	FTM	26°	339.27-340.16	FTM, gtz-chl alk. pyrite 1-2cm in bt matrix	1	0	3	1	0	0	1	Low	0	bt-silica, sulfures, py + po	2-3%	339.27	340.16	0.89	B000733						

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Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Assay Results									
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To	Width	Sample #	Cu %	Pb %	Zn %	Ag g/t	Au g/t				
340.46	0%	Quartz	260°	340.46-340.46	Cave, best core.													340.46	340.46	0.12	B000735								
341	0%	Quartz	260°	340.58-341.58	MS, qtz-pebble-conglomerate, massive sulphide FTN, ep, chl, bt-qtz wacke, fine to medium ground, laminated, phyllitic, dark grey to light green, finely bedded to laminated wacke + argillite, fine to medium ground, buffish, ep (5%) - sturt (5%) - chl (10%) - bt (3.5%) - qtz wacke, qtz-peg, alk. GFP, 40% feldspar, 15% qtz phase, 5% -dark grey to black, fine to medium ground, massive, 10% gnt, 1-1.5mm, subhedral, 15% chl 70% bt, 1 epidote + sec. gnt-chl-bt-sturt GFP STL, garnets up to lens.										Non-alk, abundant with 20% qtz lithol., 75% sphal. 5% po diss + bubble pot + py 5%			340.58	341.58	1.00	B000737								
342	100%	K	260°	341.58-341.58																									
343	0%	QF		343.58-344.02																									
344	0%	QF		344.02-344.38																									
345	100%	SL		346.38-346.78																									
346	0%	QF		346.78-347.18																									
347	0%	SL		347.18-348.43																									
348	100%	QF		348.43-350.85																									
349	0%	SL		350.85-351.95																									
350	95%	FTN	270°	351.95-352.05	light grey, fine to med. gr. buff to lapilli size felds + qtz. (5%, 0.5-0.7mm), 5% ser, 10-15% chl, 60% bt, sturt + 5-7% gnt (0.2-1cm). FTN FTN, qtz-bt-wacke FTN, 10% phos, 0.2-0.5cm, unbedded FTN, 70% felds phos, 0.3-1cm, evicid and aligned to plane. Sampled in sec-biotite (5%, 25%) matrix, 1 chl. argen texture but definitely secondary volcanic. Fe-sphal crystals in argillite FTN, felds crystals (5% matrix) FTN																								
351	0%	FTN		352.05-352.5																									
352	0%	FTN		352.5-353																									
353	0%	FTN		353-354																									
354	100%	FTN		354-355																									
355	0%	FTN		355-356																									
356	0%	FTN		356-357																									
357	100%	FTN		357-358																									
358	0%	FTN		358-359																									
359	0%	FTN		359-360																									
360	0%	FTN		360-361																									

Depth (m)	TCR (%)	Lithology	Structure	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results								
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To	Width		Cu %	Pb %	Zn %	Ag g/t	Au g/t				
361	100%	Ts2		360.0-360.72	Ts2, tuffaceous chl-bt-shist FTn, felsic crystal lapilli: tufl, granular	0	0	2	1	1/2	0	0	0	None	0	0	360.0	360.72	0.42	8000764									
361	100%	FTn		360.42-362.72	FTn, felsic crystal lapilli: tufl, granular	0	1	0	0	0	0	0	None	0	0	0	360.42	362.72	4.8	8000767									
362	100%	FTn		362.70-363.05	Sz, ser- <u>chl</u> -bt shist	0	1	0	0	0	0	0	Low	0	0	0	362.72	363.05	0.93	8000769									
363	100%	SZ		363.05-364.53	FTn, felsic crystal lapilli: tufl, granular	0	1	0	0	0	0	0	Mod	0	0	0	363.05	364.53	0.47	8000770									
364	100%	FTn		364.53-364.9	FTn, felsic crystal lapilli: tufl, granular	0	0	0	0	0	0	0	Mod	0	0	0	364.53	364.9	0.57	8000771									
364	100%	FTn		364.9-367.18	FTn, felsic crystal lapilli: tufl, granular, in argillite and interbedded (<3cm) with chl-bt-shist (SZ).	0	1	1/2	0	0	0	0	Low	5%	0	0	364.9	367.18	0.91	8000772									
366	100%	FTn		367.18-369.65	FTn, bt-gtz-wacke with inter-bedded bt-shist (argillite).	0	1	1	0	1/2	0	0	Low	0	0	0	367.18	369.65	0.47	8000773									
370	100%	FTn		369.65-370.17	FTn, argillite and interbedded (<3cm) with chl-bt-shist (SZ).	0	0	0	0	0	0	0	None	10%	0	0	369.65	370.17	0.52	8000774									
370	100%	FTn		370.17-371.97	FTn, argillite and interbedded (<3cm) with chl-bt-shist (SZ).	0	0	0	0	0	0	0	None	0	0	0	370.17	371.97	1.80	8000775									
372	100%	FTn		371.97-374.72	FTn, bt-gtz-wacke with inter-bedded bt-shist (argillite). FTn, very fine to ophyritic, no bedding not well-like feldspars (slim, 15%) aligned to foliation. "cherty"; high in silica. Either an interbedded unit or an ophyritic felsic tuff. Green, fine to medium grained, very hard. parent texture lost. Qtz-CO2-chl-py-alkaloid, discordant and patchy, x-cutting Qtz very 0.5-1.5cm thick. 5% Snt (collected) 25-30% chl (fine), 40% Qtz + CO2. Looks like a thin- bedded SZ, <2cm.	0	0	0	0	0	0	0	0	None	0	0	0	371.97	374.72	0.51	8000776								
375	100%	FTn		374.72-375.51	FTn, argillite and interbedded (<3cm) with chl-bt-shist (SZ).	1	1	2	1/2	1/2	1/2	0	High	5%	0	0	374.72	375.51	0.79	8000782									
375	100%	FTn		375.51-377.0	FTn, argillite and interbedded (<3cm) with chl-bt-shist (SZ).	1	1	2	1/2	1/2	1/2	0	High	5%	0	0	375.51	377.0	0.79	8000782									
377		FTn		377.0-378.0	FTn, argillite and interbedded (<3cm) with chl-bt-shist (SZ).																								
378		FTn		378.0-379.0	FTn, argillite and interbedded (<3cm) with chl-bt-shist (SZ).																								
379		FTn		379.0-380.0	FTn, argillite and interbedded (<3cm) with chl-bt-shist (SZ).																								

375.51m
End.

WR
WR
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DRILL LOG

PROJECT	GOALNET REGIONAL DRILLING 2004 PROJET # 1638	GROUND ELEV.	1750 (ESTIMATE DUE TO BAD GPS READING).
HOLE NO.	GN04-17	BEARING	310°
LOCATION	FINLAYSON DISTRICT, YAMEN GOALNET PROPERTY, 105/68 NORTHING 6804330m EASTING 421140mE	DIP	-80°
		TOTAL LENGTH	343.5m
LOGGED BY	PHU VAN BUI	HORIZONTAL PROJECT	
DATE	NOVEMBER 9 th , 2004 - DECEMBER 14, 2004	VERTICAL PROJECT	
CONTRACTOR	TITAN DRILLING LIMITED	<p>ALTERATION SCALE</p>	
CORE SIZE	NQ	<p>TOTAL SULPHIDE SCALE</p>	
DATE STARTED	NOVEMBER 9 th , 2004		
DATE COMPLETED	DECEMBER 14 th , 2004		
DIP TESTS	TAKEN @ 227', 377', 527', 677', 827', 977', 1125'. SEE SUMMARY		
COMMENTS	<p>THE PURPOSE OF THIS HOLE WAS TO EXPLORE THE MAGNETIC ANOMALY ON TARGET -I, SUNBURN. THIS ANOMALY HAS BEEN UNTESTED DUE TO THE POSSIBILITY THAT IT MAY JUST BE AN EXPRESSION OF THE SURROUNDING ULTRAMAFIC UNITS THAT ARE VERY MAGNETIC.</p> <p>DUE TO TIME CONSTRAINTS, THE LATER PORTION OF THIS HOLE WAS LOSSED FASTER QUICKLY. THIS WAS DUE TO A 4 WEEK STANDBY BEFORE DRILLING RESUMED IN LATE DECEMBER, WHEN GEOLOGIC STAFF WAS SHORT STAFFED.</p>	<p>LEGEND PLEASE REFER TO THE 2000-2001 GOALNET NOMENCLATURE PRODUCED BY TUCKER ET AL.</p>	

Depth (m)	TCR (%)	Structure	Lithology	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results																			
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To	Width		Cu %	Pb %	Zn %	Ag g/t	Au g/t															
141	100					141.0 - 148.2m, alt + epy phytic (3-4mm) ultramafic, phnos up to 30%. Mod fractured with v. clama, separation ± talk, up to 20%. Magnetite + hematite altered, particularly mag vens 1-2mm.	0	0	1	1/2	2	0	0	0	20	0																								
142	100																																							
143	100																																							
144	100																																							
145	100																																							
146	100																																							
147	90%																																							
148	95%																																							
149	95%																																							
150	95%																																							
151	95%																																							
152	90%																																							
153	90%																																							
154	90%																																							
155	90%																																							
156	90%																																							
157	90%																																							
158	90%																																							
159	90%																																							
160	90%																																							

215° on serpentine + Talk vens. very common.

141.0 - 148.2m, alt + epy phytic (3-4mm) ultramafic, phnos up to 30%. Mod fractured with v. clama, separation ± talk, up to 20%. Magnetite + hematite altered, particularly mag vens 1-2mm.

148.2 - 148.5m, aphyric ultramafic, flow breccias. Brecciated clasts angular to subangular, 2-5cm matrix of magnetite in localized areas. Intensely fractured with 15-20% thin talk + serpentine + epidote vens.

148.5m - 148.7, alt + epy phytic U.M.

148.7 - 148.8m, fault clay filled.

148.8 - 150.85m, alt + epy phytic U.M.

150.85 - 168.1m, aphyric flow breccias U.M. + intense talk + serpentine clava to 2cm, 40%. Breccia clasts 0.5-5 cm.

Depth (m)	TCR (%)	Structure	Lithology	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results																			
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To	Width		Cu %	Pb %	Zn %	Ag g/t	Au g/t															
	26.0																																							
	100%																																							
	15.9																																							
174	100%		S4	172.2-172.8m		172.2-172.8m carbonate. Relatively unmetamorphosed crystalline argillite (2-5% graphitic) crystalline argillite. Dark gray to black; fine grained laminated with weak consolidation Qtz and chl altered, + ep + py + chlorite 2-5% graphitic. 10-15% Qtz.	1/2	0	1	1	0	0	0	0	None	0	S-7% py, thin stringer, along laminations.																							
175	100%		S4	172.2-172.8m																																				
176	100%		S4	171.8-172.2m		171.8-172.2m Biot. fine grained, thinly laminated, carbonate. 10-15% Qtz. Almost a silicified. Relatively unmetamorphosed crystalline argillite (2-5% graphitic)	0	0	1	1	1/2	0	0	0	low	0%																								
177	100%		S4	170.5-171.8m		170.5-171.8m Biot. fine grained, thinly laminated, carbonate. 10-15% Qtz. Almost a silicified. Relatively unmetamorphosed crystalline argillite (2-5% graphitic)	0	0	1	1	1/2	0	0	0	low	0%																								
178	100%		S4	170.0-180.25m		170.0-180.25m Biot. fine grained, thinly laminated, carbonate. 10-15% Qtz. Almost a silicified. Relatively unmetamorphosed crystalline argillite (2-5% graphitic)	0	0	1	1	1/2	0	0	0	low	0%																								
179	100%		S4	179.0-180.25m		179.0-180.25m Biot. fine grained, thinly laminated, carbonate. 10-15% Qtz. Almost a silicified. Relatively unmetamorphosed crystalline argillite (2-5% graphitic)	0	0	1	1	1/2	0	0	0	low	0%																								
180	100%		S4	178.5-179.0m		178.5-179.0m Biot. fine grained, thinly laminated, carbonate. 10-15% Qtz. Almost a silicified. Relatively unmetamorphosed crystalline argillite (2-5% graphitic)	0	0	1	1	1/2	0	0	0	low	0%																								

264° (inclinal folds) Z 71° on phyllitic surface

very thin, finely laminated.

Depth (m)	TCR (%)	Structure	Lithology	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results					
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To	Width		Cu %	Pb %	Zn %	Ag g/t	Au g/t	
181	100		SA	180.28 - 182.05m	dark brown-grey, finely laminated argillite	1	0	1	2	1/2	0	0	mod	5%	stringy py along laminae + fine dis. py. Tr-1% chloropyrite lining fractures	1%	180.28	182.05	1.77	B000815						
182	182.0		SA	182.05 - 182.35	dark brown, fine gr. 20% qtz bands 5cm x 2cm, 70% lat matrix, thinly laminated, silicified, CO ₂ altered, looks like unchloritised, unaltered, FTZ (later called FZC).													182.05	182.33	0.28	B000814					
183		231°	SA	182.35 - 182.49	dark grey-fine grained, thin, laminated, silicified, same as 182.05-182.35m, qtz-lt-argillite?	2	0	1	1	1/2	0	0	low	5-10%	fine grained, also py + bubbley py lining fractures + periphytoblastic py w/ (1/2) subcs 1mm.	5-5%	182.35	182.49	0.14	B000816						
184	100	776°	SA	182.49 - 182.67	dark grey-fine grained, thin, laminated (5mm-1.5mm), unaltered + sectionally folded, argillite with banded lt-rich (20%) layers. Qtz-CO ₂ sil + veins x-bed laminae, ce up to 7%. qtz veins 5cm, 5-10%. weakly to moderately silicified (partly silicified).	2	0	1	1	1/2	0	0	low	5-10%	fine grained, also py + bubbley py lining fractures + periphytoblastic py w/ (1/2) subcs 1mm.	5-5%	182.49	182.67	0.18	B000817						
185	185.0		SA	182.67 - 183.5m	dark brown-grey, lt-rich (10-12%), fine gr. thin, laminated (5mm-1.5mm) moderately silicified (15%) with qtz-bands conformable to laminae, 2.5cm x 4cm. Contact is gradational. CO ₂ + chl altered. <u>are conformable.</u>	1/2	0	1	1	1/2	0	0	low	10%	Tr-py, also, 2-3% py, 2-3% localized in lt-layers.	2-3%	183.50	190.0	1.5m	B000822						
189	100		SA	183.5 - 191.5m	Medium green, fine to medium grained, thin, laminated (< 5mm-2mm), non-silicified. Contact is conformable, abrupt. Several phyllic textures. Alteration: S-py, sericite along laminae, dark; 10-12% chlorite, pervasive, 15-20% qtz also, patchy, alt + strepl. white, milky clay. Sila fine, possibly kaolinite (S-10%). Overall no wacke with total 80% silica + epidote (up to 5%) but localized in veins & lam. Tr-1% < 1.5mm, subhedral andalusite?	2	1	2	1/2	1	0	0	0	40-50%	2-5%	diso py (1-2%) + periphytoblastic py (5%) up to 0.5cm.	4%	191.50	193.00	1.50	B000824					
193	95			191.5 - 200.6m														193.00	194.2	1.20	B000825					
194	194.2			193.0 - 195.80														194.20	195.80	1.60	B000826					
195	195			195.80 - 197.30														197.30	198.80	1.50	B000828					
196	196			198.80 - 199.50														198.80	199.50	1.70	B000829					
197	197			199.50 - 200.60														199.50	200.60	1.10	B000830					
198	198																									
199	199																									
200	200																									

w.R.

Depth (m)	TCR (%)	Structure	Lithology	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results							
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To	Width		Cu %	Pb %	Zn %	Ag g/t	Au g/t			
241	100	70°	SN	241.85-243.25	Dark brownish grey, fine grained, thin, platy (1-1.5mm) bi-cryst (25-50%), qtz-calc-chl altered argillite/sandstone.		2	1/2	1/2	0	0	0	0	0	0	5%	DRS PY	TR-1/1	241.85	243.25	1.40	B000868						
242	100																											
243	100																											
244	100																											
245	100																											
247	100	775°																										
248	100																											
249	100																											
250	100																											
251	100																											
252	100																											
253	100																											
254	100																											
255	100																											
256	100																											
257	100																											
258	100																											
259	100																											
260	100																											

WACKE (

HAS

253.35-259.55 - 254.4m, broken core. Intensely qtz (25%) - serc (15-20%) - chl (5%) altered mudstone / argillite. Dark grey, fine grained, thin, laminated (<1mm - 1.5mm). ± epidote up to 5%, patchy alteration. Chlorite increases downward as sericite decreases downward.

253.35 - 254.4m, broken core. Intensely qtz (25%) - serc (15-20%) - chl (5%) altered mudstone / argillite. Dark grey, fine grained, thin, laminated (<1mm - 1.5mm). ± epidote up to 5%, patchy alteration. Chlorite increases downward as sericite decreases downward.

DRS. PY 1-1/1, discordant, stringer py in recutting fractures, definitely late mineralization. up to 3% Tr malachite veinings along fractures.

DRS. PY up to 2%. Residual pyrite, 2% up to 1cm, perfect euhedral fracture lining pyrite 1/1.

DRS. PY 1-1/1, discordant, stringer py in recutting fractures, definitely late mineralization. up to 3% Tr malachite veinings along fractures.

Depth (m)	TCR (%)	Structure	Lithology	Interval	Geological Description	Alteration							Fracture Intensity	% Vein Qtz	Mineral Description	Total Sulphides	Sample Interval			Sample #	Assay Results						
						Silica	Sericite	Chlorite	Carbonate	Epidote	Garnet	Staurolite					From	To	Width		Cu %	Pb %	Zn %	Ag g/t	Au g/t		
261	241.2			259.55 - 266.10	Light greenish grey, fine to medium grained (consisting of unsorted). Thinly foliated (1-3mm) moderately chl (5%) + sericite (10%) altered. Indistinct to intensely siliceous (10-15%) but parting. 5% abundant qtz-veins + thin fractures filled with qtz-sericite + epidote. First appearance of qtz fields proves 0.3-0.5 cm. elongate fish eyes within foliations. up to 10%. <u>Tuffaceous wacke</u> . ISK? PTM?	2	2	1	1/2	1/2	0	0	0	20%	25%	fine py, fracture filled	2-3%	259.55	261.20	1.65	B000881						
262	100%																	261.20	262.75	1.55	B000882						
263	100%																	262.75	264.30	1.55	B000883						
264	264.5																	264.30	265.30	1.00	B000884						
265																		265.30	266.10	0.80	B000885						
266	100%			266.10 - 273.4	Light green grey to medium grey, thinly foliated (1-3mm), siliceous tuffaceous wacke - garnetiferous. Garnets periphyctoblastic to synformal, 2-5mm, rotated to elongate, up to 3%. Associated with qtz-py fluid. 5-10% mafic minerals associated w/ qtz-py fluid indicating possible 'residual' or pegmatitic origin.	2	2	2	0	1	1	0	5%	5%	5-8% stringer, py 1-2% fine sil fracture filled likely py 2-4cm, 1/2 fine sil, not textural epidote in foliation, qtz-py sint zones up to 5% Ir-1/po, fine grained assoc. w/ py, up to 1%				266.10	266.10	0	B000886	standard # 8				
267	267.3																	266.10	267.50	1.40	B000887						
268																		267.50	269.0	1.50	B000888						
269	100%																	269.00	270.40	1.40	B000889						
270	270.4																	270.40	271.90	1.50	B000890						
271																		271.90	273.40	1.50	B000891						
272	100%																										
273																											
274	274.5			273.4 - 287.5	Dark grey to light green, medium gr, mainly foliated (slows) with tuffaceous grains 0.2-0.5 cm, up to 5%. Alteration gradual from 273.4 to 287.5, chl 2% → 10%, ser 7-15%, qtz, 5% → 2%, epidote 0% → 7%. 277.0 - 287.5m, chl-ser-silist. Intense qtz-ser abundant veins.	2	0	1	0	0	0	0	20%	5%	disc py	Tr-1%			273.40	275.0	1.60	B000892					
275	100%																	275.0	276.5	1.5	B000893						
276																		276.5	278.0	1.5	B000894						
277																		278.0	279.5	1.5	B000895						
278	100%																	279.5	281.0	1.5	B000896						
279	100%																	281.0	282.5	1.5	B000897						
280																		282.5	284.0	1.5	B000898						
																		284.0	285.4	1.4	B000899						
																		285.4	287.0	1.4	B000900						
																		287.0	287.5	0.5	B000901						

Table with columns: Depth (m), TCR (%), Structure, Lithology, Interval, Geological Description, Alteration (Silica, Sericite, Chlorite, Carbonate, Epidote, Garnet, Staurolite), Fracture Intensity, % Vein Qtz, Mineral Description, Total Sulphides, Sample Interval (From, To, Width), Sample #, Assay Results (Cu %, Pb %, Zn %, Ag g/t, Au g/t).

Appendix H – Assay Certificates for Diamond Drill Core

CERTIFICATE VA05009756

Project: 1638-D
 P.O. No.:
 This report is for 10 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 11-FEB-2005.
 The following have access to data associated with this certificate:
 JASON DUNNING | ACCOUNTS PAYABLE

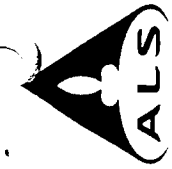
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

To: YUKON ZINC CORPORATION
 ATTN: ACCOUNTS PAYABLE
 701-475 HOWE ST
 VANCOUVER BC V6C 2B3

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex
 EXCELLENCE IN ANALYTICAL CHEMISTRY

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 212 Brooksbank Avenue
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 Phone: 604 984 0221 Fax: 604 984 0218

YUKON ZINC CORPORATION
 701-475 HOWE ST
 VANCOUVER BC V6C 2B3

Page: 2 - A
 Total # Pages: 2 (A - B)
 Finalized Date: 15-FEB-2005
 Account: MPO

Project: 1638-D

CERTIFICATE OF ANALYSIS VA05009756

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
	B000941	2.76	<0.005	<0.5	7.45	<5	2650	1.7	<2	7.43	<0.5	15	94	38	3.90	2.58
	B000942	0.38	<0.005	<0.5	7.55	5	2130	1.1	<2	4.52	<0.5	18	69	24	5.47	0.49
	B000943	1.60	<0.005	<0.5	7.63	19	1730	2.1	<2	6.61	<0.5	24	104	34	4.58	2.27
	B000944	0.74	<0.005	0.8	7.25	11	1230	2.2	<2	8.35	<0.5	23	74	32	4.02	2.26
	B000945	0.74	<0.005	<0.5	6.78	12	1400	1.9	<2	5.07	1.1	15	97	45	3.32	2.96
	B000946	1.42	<0.005	<0.5	6.65	<5	1790	2.2	<2	2.75	<0.5	14	40	17	3.73	3.49
	B000947	0.78	<0.005	<0.5	6.54	<5	1690	3.0	<2	5.85	<0.5	11	51	10	2.46	3.53
	B000948	1.86	<0.005	<0.5	7.56	<5	1750	2.5	<2	2.35	<0.5	14	38	12	4.00	4.06
	B000949	1.36	<0.005	<0.5	7.33	18	1740	2.6	<2	3.18	<0.5	14	62	13	4.73	4.00
	B000950	3.06	<0.005	<0.5	6.58	<5	960	2.0	<2	1.72	<0.5	8	54	14	1.76	3.25

Project: 1638-D

CERTIFICATE OF ANALYSIS VA05009756

Sample Description	Method Analyte Units LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Hg-CV41 Hg ppm 0.01
B000941		2.19	647	2	0.55	34	750	38	0.33	<5	273	0.43	118	<10	84	<0.01
B000942		1.28	922	3	3.19	10	1380	9	0.33	<5	207	0.79	116	<10	160	<0.01
B000943		1.95	679	1	0.70	42	1120	12	0.20	<5	242	0.63	118	<10	118	<0.01
B000944		1.84	828	1	0.32	36	820	16	0.04	<5	341	0.53	105	<10	104	<0.01
B000945		1.44	756	3	0.09	28	1590	23	0.19	<5	160	0.41	146	<10	227	<0.01
B000946		1.06	740	2	0.11	8	750	15	0.13	<5	140	0.46	57	<10	91	<0.01
B000947		0.72	983	2	0.10	2	490	14	0.07	<5	306	0.31	29	<10	57	<0.01
B000948		1.01	812	2	0.20	5	830	20	0.25	<5	146	0.52	74	<10	64	<0.01
B000949		1.36	815	2	0.19	10	1140	4	0.14	<5	184	0.72	128	10	92	<0.01
B000950		0.43	556	2	0.54	9	210	55	0.25	<5	95	0.21	34	<10	30	<0.01

CERTIFICATE VA05007813

Project: 1638-D
 P.O. No.:

This report is for 156 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 1-FEB-2005.

The following have access to data associated with this certificate:
 JASON DUNNING
 ACCOUNTS PAYABLE

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
ME-MS81	38 element fusion ICP-MS	ICP-MS
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS

To: YUKON ZINC CORPORATION
 ATTN: JASON DUNNING
 701-475 HOWE ST
 VANCOUVER BC V6C 2B3

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Jason Dunning

Signature:

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218

Project: 1638-D

CERTIFICATE OF ANALYSIS VA05007813

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au ppm	Au-AA23 ppm	ME-ICP61 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 BI ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
B000801		2.52	<0.005	<0.005	<0.5	0.39	<5	10	<0.5	<2	<2	0.53	<0.5	97	1155	7	5.20	<0.01
B000802		2.74	<0.005	<0.005	<0.5	0.36	<5	30	<0.5	<2	<2	0.52	<0.5	101	1225	12	5.34	<0.01
B000803		3.62	<0.005	<0.005	<0.5	0.40	<5	10	<0.5	<2	<2	0.10	<0.5	92	1410	15	4.92	<0.01
B000804		2.86	<0.005	<0.005	<0.5	0.37	<5	<10	<0.5	<2	<2	0.21	<0.5	97	1210	13	4.98	<0.01
B000805		2.40	<0.006	<0.006	<0.5	0.37	<7	<10	<0.5	<2	<2	0.23	<0.5	169	2330	102	7.65	<0.01
B000806		2.16	<0.005	<0.005	<0.5	7.75	<5	1380	1.9	<2	<2	1.87	<0.5	17	42	136	5.82	0.53
B000807		3.60	<0.005	<0.005	<0.5	4.85	<5	610	2.2	<2	<2	4.06	<0.5	17	117	90	4.77	0.40
B000808		1.28	<0.005	<0.005	<0.5	8.69	30	2640	1.0	<2	<2	6.38	<0.5	35	152	48	6.23	2.26
B000809		3.04	<0.005	<0.005	<0.5	7.41	21	1560	2.0	<2	<2	5.60	<0.5	26	180	66	5.45	1.26
B000810		3.10	<0.005	<0.005	<0.5	7.16	8	2270	1.3	<2	<2	3.02	<0.5	21	152	64	5.03	1.40
B000811		1.08	<0.005	<0.005	<0.5	7.27	7	1640	0.6	<2	<2	5.39	<0.5	28	136	33	5.77	0.62
B000812		2.78	<0.005	<0.005	<0.5	5.99	32	3040	1.6	<2	<2	1.79	<0.5	14	155	55	3.96	2.38
B000813		4.16	<0.005	<0.005	<0.5	8.33	20	4330	1.6	<2	<2	3.65	<0.5	17	33	19	7.81	4.08
B000814		0.74	<0.005	<0.005	<0.5	6.97	66	6880	1.3	<2	<2	4.17	<0.5	24	137	2	6.38	4.24
B000815		0.70	<0.005	<0.005	<0.5	5.50	53	4210	1.3	<2	<2	1.25	<0.5	19	178	70	3.75	2.81
B000816		0.46	<0.005	<0.005	<0.5	7.85	37	3270	1.2	<2	<2	3.84	<0.5	39	180	1	8.01	4.11
B000817		1.46	<0.005	<0.005	<0.5	5.11	<5	2560	1.1	<2	<2	1.99	<0.5	16	163	66	3.78	1.84
B000818		3.84	<0.005	<0.005	<0.5	5.93	<5	3230	1.1	<2	<2	2.40	<0.5	21	189	62	4.43	2.41
B000819		3.14	<0.005	<0.005	<0.5	6.06	49	4270	1.4	<2	<2	2.33	<0.5	18	178	66	3.83	2.00
B000820		3.70	<0.005	<0.005	<0.5	5.15	<5	4670	1.9	<2	<2	1.44	<0.5	18	194	87	3.79	2.14
B000821		0.94	<0.005	<0.005	<0.5	4.88	10	>10000	2.9	<2	<2	2.79	<0.5	14	212	70	3.31	2.70
B000822		3.32	<0.005	<0.005	<0.5	7.80	<5	7230	2.1	<2	<2	3.92	<0.5	22	96	62	6.77	2.92
B000823		3.34	<0.005	<0.005	<0.5	7.41	<5	4020	1.7	<2	<2	3.04	<0.5	23	91	34	6.92	2.88
B000824		3.16	<0.005	<0.005	<0.5	6.72	<5	5760	4.8	<2	<2	1.62	<0.5	9	180	25	4.35	2.05
B000825		3.06	<0.005	<0.005	<0.5	7.60	<5	2860	5.3	<2	<2	1.81	<0.5	26	126	62	3.64	2.04
B000826		2.84	<0.005	<0.005	<0.5	6.77	<5	3640	3.2	<2	<2	0.21	<0.5	5	80	26	1.38	3.05
B000827		2.72	<0.005	<0.005	<0.5	6.89	<5	3410	3.7	<2	<2	0.11	<0.5	7	86	26	1.43	4.06
B000828		2.54	<0.005	<0.005	<0.5	6.51	<5	5200	3.6	<2	<2	0.08	<0.5	5	122	29	1.88	3.79
B000829		2.52	<0.005	<0.005	<0.5	7.30	<5	9010	4.4	<2	<2	0.24	<0.5	13	98	32	2.72	3.55
B000830		1.68	<0.005	<0.005	<0.5	6.30	<5	>10000	3.9	<2	<2	0.06	<0.5	4	122	14	1.16	2.83
B000831		2.62	<0.005	<0.005	<0.5	5.39	<5	2040	3.5	<2	<2	0.16	<0.5	19	184	60	3.00	1.09
B000832		2.68	<0.005	<0.005	<0.5	3.89	<5	730	2.6	<2	<2	0.13	<0.5	13	222	75	3.51	0.99
B000833		3.54	<0.005	<0.005	<0.5	3.11	<5	3740	1.9	<2	<2	0.07	<0.5	13	167	92	1.82	0.88
B000834		2.34	<0.005	<0.005	<0.5	3.77	<5	2230	2.6	<2	<2	0.06	<0.5	18	216	81	1.92	1.03
B000835		2.70	0.008	<0.008	<0.5	3.20	9	2340	2.5	<2	<2	0.07	<0.5	15	169	102	1.92	0.82
B000836		2.44	0.006	<0.006	<0.5	3.39	11	820	3.4	<2	<2	0.11	<0.5	18	208	118	2.68	1.08
B000837		1.32	0.050	<0.050	<0.5	3.87	11	1170	3.9	<2	<2	0.30	<0.5	18	193	116	3.57	1.20
B000838		2.20	<0.005	<0.005	<0.5	4.17	15	100	4.8	<2	<2	0.45	<0.5	12	142	96	12.15	0.63
B000839		0.30	0.006	<0.006	<0.5	1.56	<5	410	5.4	<2	<2	1.29	9.1	14	72	51	28.5	0.19
B000840		3.72	0.015	<0.015	<0.5	4.37	25	930	4.1	<2	<2	0.20	0.8	33	207	198	3.80	1.47

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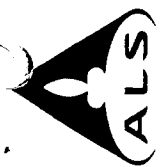
CERTIFICATE OF ANALYSIS VA05007813

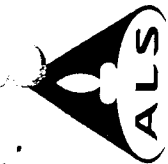
Sample Description	Method Analyte Units LOR	ME-ICP61																Cu-AA48	
		Mg % 0.01	Min ppm 5	Mo ppm 1	Na % 0.01	NI ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sr ppm 1	TI % 0.01	V ppm 1	W ppm 10	Zn ppm 2	Cu % 0.01			
B000801		23.0	839	<1	0.01	2150	<1	0.01	<5	1	<0.01	38	<10	<10	42				
B000802		23.4	890	<1	<0.01	2220	<2	<0.01	<5	2	<0.01	37	<10	<10	39				
B000803		22.0	711	<1	<0.01	2100	<2	0.01	<5	<1	<0.01	32	<10	<10	32				
B000804		21.8	773	<1	<0.01	2070	<2	<0.01	<5	<1	<0.01	32	<10	<10	35				
B000805		26.6	1265	<1	<0.01	3710	2	0.01	<5	<1	<0.01	54	<10	<10	56				
B000806		1.57	1675	<1	5.2	32	17	0.40	<5	176	0.48	180	<10	<10	104				
B000807		1.61	1485	3	2.19	62	14	0.69	<5	204	0.43	188	10	91					
B000808		3.67	1455	<1	2.75	88	3	0.05	<5	461	0.87	253	<10	81					
B000809		2.67	1420	1	3.44	86	6	0.16	<5	325	0.69	221	<10	78					
B000810		2.95	1365	2	2.07	75	11	0.14	<5	195	0.70	211	<10	95					
B000811		5.11	2280	1	1.40	83	36	0.01	<5	302	0.95	264	<10	82					
B000812		1.70	895	1	0.77	50	8	0.22	<5	161	0.45	156	<10	89					
B000813		2.49	1870	1	1.55	14	8	0.14	<5	280	1.54	216	<10	120					
B000814		2.88	2050	1	0.75	73	10	0.02	<5	212	0.91	249	<10	113					
B000815		1.91	926	<1	0.86	86	2	0.08	<5	128	0.42	156	10	70					
B000816		3.85	2320	<1	0.87	107	9	0.02	<5	173	1.04	287	<10	146					
B000817		1.50	1310	2	1.18	40	6	0.19	<5	138	0.41	146	<10	83					
B000818		2.32	1405	1	0.73	66	11	0.21	<5	124	0.48	175	<10	90					
B000819		1.81	959	1	1.02	68	11	0.31	<5	166	0.39	152	<10	78					
B000820		1.37	1385	2	0.33	54	10	0.23	<5	130	0.37	151	<10	96					
B000821		1.12	1810	2	0.05	40	7	0.02	<5	250	0.26	118	<10	68					
B000822		2.54	1820	<1	0.89	46	10	0.23	<5	434	1.20	238	<10	106					
B000823		2.64	1675	1	0.97	38	3	0.12	<5	196	1.26	258	<10	104					
B000824		0.94	1590	<1	0.64	20	26	0.08	<5	160	0.49	115	<10	64					
B000825		1.06	1175	<1	0.05	62	13	0.21	<5	159	0.82	217	10	88					
B000826		0.22	705	<1	0.06	16	35	0.04	<5	83	0.11	25	<10	58					
B000827		0.24	382	2	0.08	15	38	0.05	<5	85	0.11	26	<10	61					
B000828		0.20	810	<1	0.07	17	36	0.06	<5	68	0.09	23	10	64					
B000829		0.23	1370	1	0.06	31	28	0.14	<5	88	0.35	91	10	71					
B000830		0.13	447	1	0.04	12	26	0.11	<5	53	0.08	16	<10	46					
B000831		0.21	1625	2	0.01	59	25	0.49	<5	45	0.29	105	20	104					
B000832		0.21	1295	3	0.02	67	12	0.88	<5	33	0.22	119	10	91					
B000833		0.20	644	2	0.02	41	8	0.35	<5	24	0.16	80	10	79					
B000834		0.21	592	2	0.02	61	12	0.46	<5	25	0.17	108	10	75					
B000835		0.17	775	2	0.02	67	11	0.41	<5	24	0.14	95	<10	108					
B000836		0.21	867	3	0.03	65	106	0.86	<5	44	0.14	139	<10	236					
B000837		0.28	2350	3	0.02	58	12	0.70	<5	33	0.19	144	10	50					
B000838		0.62	3620	3	0.01	51	13	3.13	<5	50	0.20	186	10	136					
B000839		1.22	16100	128	0.01	63	189	3.60	<5	55	0.09	258	10	4500					
B000840		0.21	1320	5	0.05	51	26	0.86	<5	33	0.21	174	10	415					

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Method Analyte Units LOR	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm
B000801	0.1	1	0.1	0.5	0.1	2	1	0.5	5	5	0.1	0.2	0.1	1	0.1
B000802															
B000803															
B000804															
B000805															
B000806	4.7	6	0.7	30.5	0.3	2	11	30.5	31	16	7.6	15.3	5.8	2	178.0
B000807															
B000808															
B000809															
B000810															
B000811															
B000812															
B000813															
B000814															
B000815															
B000816															
B000817															
B000818															
B000819															
B000820															
B000821															
B000822															
B000823															
B000824	6.3	7	1.3	40.4	0.5	2	40	32.7	25	26	8.9	78.4	6.6	4	172.5
B000825															
B000826															
B000827															
B000828															
B000829															
B000830															
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B000840															





ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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VANCOUVER BC V6C 2B3

Project: 1638-D

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Finalized Date: 17-FEB-2005
Account: MPO

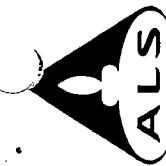
CERTIFICATE OF ANALYSIS VA05007813

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
B000841	1.82	0.005	<0.5	3.99	<5	210	3.4	<2	0.35	1.7	13	142	118	6.50	0.01
B000842	0.16	5.15	>100	0.78	641	260	<0.5	47	0.11	>500	3	<1	>100000	14.75	0.29
B000843	1.34	0.022	0.6	2.13	59	310	2.2	2	0.34	<0.5	7	98	70	21.6	0.16
B000844	0.14	2.38	>100	0.67	217	230	<0.5	12	0.22	>500	4	4	>10000	15.40	0.26
B000845	2.26	0.010	1.2	2.77	29	220	3.2	<2	0.51	1.5	17	133	162	13.45	0.73
B000846	3.58	0.008	<0.5	2.30	22	60	6.4	<2	0.85	<0.5	6	96	72	19.20	0.40
B000847	2.84	0.049	<0.5	3.67	37	850	4.0	<2	0.21	1.3	18	158	107	3.41	1.26
B000848	0.80	<0.005	<0.5	3.49	11	740	4.8	<2	0.17	1.0	12	217	64	3.25	0.90
B000849	2.78	<0.005	<0.5	3.07	24	1040	3.8	<2	0.16	0.6	12	159	74	3.30	0.86
B000850	2.60	<0.005	<0.5	3.34	<5	2920	2.7	<2	0.12	<0.5	14	184	67	2.89	0.88
B000851	2.52	<0.005	<0.5	5.01	9	1400	3.4	<2	0.23	<0.5	16	282	63	3.04	1.38
B000852	2.08	<0.005	<0.5	3.45	<5	3630	2.9	2	0.32	<0.5	12	137	93	2.95	0.83
B000853	2.36	<0.005	<0.5	3.70	<5	2070	2.8	<2	0.23	<0.5	20	339	99	3.07	1.07
B000854	2.78	<0.005	<0.5	2.89	<5	1770	2.2	<2	0.23	<0.5	17	204	84	2.46	0.88
B000855	3.16	<0.005	<0.5	6.54	<5	7350	3.0	<2	1.99	<0.5	12	218	42	2.24	1.81
B000856	2.14	<0.005	<0.5	7.30	<5	3670	2.1	<2	1.70	<0.5	6	102	12	1.86	3.07
B000857	3.12	<0.005	<0.5	7.06	<5	3750	2.2	<2	1.36	<0.5	4	202	12	1.70	3.80
B000858	2.86	<0.005	<0.5	6.79	<5	3060	2.6	<2	0.96	<0.5	3	130	14	1.60	4.00
B000859	3.02	<0.005	<0.5	6.10	<5	3170	3.4	<2	0.50	<0.5	9	196	32	2.56	3.12
B000860	0.40	<0.005	<0.5	3.23	<5	1570	1.5	<2	0.13	<0.5	8	285	36	1.57	1.32
B000861	3.64	<0.005	<0.5	4.45	<5	1930	2.6	<2	0.37	<0.5	18	296	58	2.15	1.34
B000862	3.40	<0.005	<0.5	8.39	14	2520	1.3	<2	7.18	<0.5	35	223	56	6.10	1.42
B000863	2.00	<0.005	<0.5	3.92	<5	2440	0.9	<2	1.44	<0.5	14	238	62	2.61	1.43
B000864	1.22	<0.005	<0.5	5.47	<5	2300	1.2	<2	2.01	<0.5	18	208	55	3.73	2.26
B000865	3.30	<0.005	<0.5	5.92	<5	2010	2.4	<2	0.74	<0.5	7	184	31	1.98	1.83
B000866	1.30	<0.005	<0.5	5.29	<5	3670	2.1	<2	1.80	<0.5	12	120	65	2.74	2.13
B000867	4.24	<0.005	<0.5	5.51	<5	3000	1.3	<2	2.32	<0.5	16	210	60	3.85	2.35
B000868	2.74	<0.005	<0.5	6.16	<5	2640	1.2	<2	3.40	<0.5	21	130	61	4.45	1.44
B000869	2.84	<0.005	<0.5	6.58	<5	3610	2.8	<2	4.80	<0.5	32	143	85	6.18	1.83
B000870	3.10	<0.005	<0.5	7.77	<5	3270	3.6	<2	3.54	<0.5	32	140	90	5.88	1.88
B000871	2.92	<0.005	<0.5	5.49	5	5860	3.1	<2	1.75	<0.5	19	239	51	3.61	1.98
B000872	3.34	<0.005	<0.5	6.14	<5	4100	3.2	<2	0.87	<0.5	23	184	71	4.36	1.82
B000873	3.02	<0.005	<0.5	8.62	<5	6890	4.9	<2	1.24	<0.5	27	150	58	7.42	3.01
B000874	2.90	<0.005	<0.5	7.04	<5	4140	5.2	<2	2.29	<0.5	24	146	57	6.21	1.90
B000875	3.30	<0.005	<0.5	5.92	<5	8810	3.4	<2	0.31	<0.5	8	154	42	2.14	3.16
B000876	3.76	<0.005	0.5	5.45	10	6110	4.0	<2	0.90	<0.5	18	216	60	4.55	1.45
B000877	2.68	<0.005	<0.5	4.69	8	1400	3.1	<2	0.35	<0.5	11	290	29	1.96	1.62
B000878	1.90	<0.005	<0.5	5.14	16	1370	3.7	<2	0.88	<0.5	21	256	59	3.41	1.43
B000879	1.90	<0.005	<0.5	4.23	<5	2240	2.6	<2	2.21	<0.5	12	264	54	2.57	1.42
B000880	2.84	<0.005	<0.5	5.65	<5	2590	3.0	<2	3.18	<0.5	14	218	44	3.36	2.94

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CERTIFICATE OF ANALYSIS VA05007813

Sample Description	Method Analyte Units LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-AA46 Cu % 0.01
B000841		0.27	3690	8	0.05	65	970	136	1.85	<5	59	0.15	174	10	381	
B000842		0.04	102	88	0.04	21	30	>10000	>10.0	319	49	0.01	39	10	>10000	2.55
B000843		0.40	1730	1	0.02	82	1360	41	>10.0	<5	122	0.10	228	<10	221	
B000844		0.05	166	131	0.03	118	20	>10000	>10.0	53	62	0.01	53	<10	>10000	2.38
B000845		0.46	3480	7	0.03	63	1180	112	6.56	<5	43	0.12	166	<10	387	
B000846		0.92	3550	24	0.67	19	1550	33	5.24	<5	86	0.09	249	<10	124	
B000847		0.25	1650	7	0.06	72	690	76	0.48	<5	67	0.16	189	10	295	
B000848		0.23	1045	12	0.03	79	580	41	0.70	<5	49	0.13	226	<10	120	
B000849		0.25	1375	4	0.02	64	450	46	0.66	<5	25	0.16	143	<10	220	
B000850		0.27	1075	1	0.03	44	340	10	0.18	<5	22	0.18	89	<10	83	
B000851		0.32	1285	3	0.02	81	660	22	0.76	<5	46	0.30	136	10	144	
B000852		0.31	13750	2	0.03	43	400	15	0.31	<5	61	0.18	108	<10	71	
B000853		0.37	2470	1	0.03	50	470	21	0.11	<5	31	0.21	85	10	119	
B000854		0.28	1895	1	0.01	33	280	7	0.04	<5	25	0.16	57	10	61	
B000855		0.49	1920	3	1.86	31	330	13	0.30	<5	351	0.15	52	<10	82	
B000856		0.63	629	<1	2.01	15	160	22	0.04	<5	306	0.13	29	<10	41	
B000857		0.47	555	<1	1.75	12	160	27	0.03	<5	205	0.11	23	<10	40	
B000858		0.30	584	<1	1.76	9	130	29	0.04	<5	142	0.08	16	<10	44	
B000859		0.46	1075	2	0.29	22	210	29	0.04	<5	73	0.12	36	10	56	
B000860		0.20	617	1	0.03	32	270	15	0.11	<5	16	0.14	62	<10	47	
B000861		0.37	788	2	0.03	53	460	12	0.27	<5	35	0.27	102	10	78	
B000862		4.11	1110	1	2.07	128	1580	4	0.05	<5	381	1.03	278	<10	68	
B000863		1.12	812	1	0.47	39	520	5	0.29	<5	68	0.28	102	<10	59	
B000864		1.99	1235	1	0.82	57	500	13	0.42	<5	96	0.35	149	<10	74	
B000865		0.48	980	<1	2.62	19	200	29	0.14	<5	97	0.13	33	<10	58	
B000866		1.12	1515	1	0.77	36	370	20	0.12	<5	93	0.22	77	<10	64	
B000867		1.74	1085	<1	0.54	48	810	12	0.33	<5	138	0.50	159	<10	77	
B000868		2.03	1260	1	2.07	45	1140	12	0.48	<5	263	0.64	182	<10	72	
B000869		2.61	1410	<1	1.06	61	1140	7	0.47	<5	578	0.85	252	10	74	
B000870		2.61	1350	1	0.33	75	1690	9	0.36	<5	374	0.96	266	<10	100	
B000871		1.28	922	1	0.02	58	910	12	0.10	<5	142	0.45	159	10	81	
B000872		1.06	918	1	0.02	52	1000	6	0.28	<5	92	0.52	182	<10	94	
B000873		1.42	1770	<1	0.04	46	3080	2	0.33	<5	160	1.28	296	10	112	
B000874		1.21	1795	2	0.03	39	2160	9	0.22	<5	132	0.89	223	<10	104	
B000875		0.30	501	<1	0.06	20	430	27	0.20	<5	101	0.20	51	10	59	
B000876		0.63	1305	4	0.02	56	1100	29	0.32	<5	82	0.43	171	10	150	
B000877		0.32	494	8	0.02	30	830	21	0.23	<5	62	0.23	80	10	72	
B000878		0.52	886	2	0.02	73	1080	17	0.39	<5	81	0.43	134	10	92	
B000879		0.72	697	2	0.03	45	850	12	0.45	<5	121	0.28	117	10	79	
B000880		1.05	843	2	0.05	52	700	47	0.68	<5	210	0.37	124	<10	141	



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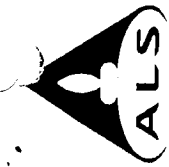
CERTIFICATE OF ANALYSIS VA05007813

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
	B000881	3.16	0.011	<0.5	7.34	<5	3970	3.3	<2	1.69	<0.5	3	170	8	2.42	4.42
	B000882	3.00	<0.005	<0.5	7.96	<5	3130	3.5	<2	1.11	<0.5	5	100	10	2.90	4.62
	B000883	3.36	<0.005	<0.5	7.31	<5	2220	2.8	<2	1.42	<0.5	3	152	6	2.24	4.30
	B000884	2.14	<0.005	<0.5	6.94	<5	2160	3.1	<2	1.16	3.0	4	148	6	2.27	3.85
	B000885	2.06	<0.005	<0.5	6.90	<5	1100	2.7	<2	0.64	3.5	4	160	8	2.57	3.57
	B000886	0.14	6.77	>100	1.08	728	100	<0.5	42	1.75	>500	2	<1	>10000	15.00	0.34
	B000887	2.90	<0.005	<0.5	6.59	<5	1080	2.7	<2	0.51	12.8	5	133	26	2.84	2.71
	B000888	3.00	<0.005	<0.5	7.13	12	1860	2.8	<2	1.26	5.8	5	150	29	3.07	3.23
	B000889	2.98	0.023	<0.5	7.76	<5	1800	4.7	<2	2.32	1.6	5	96	21	3.19	3.58
	B000890	3.22	<0.005	<0.5	7.75	<5	1670	3.3	<2	1.52	3.6	5	114	17	3.28	3.67
	B000891	3.06	<0.005	<0.5	7.20	<5	2110	2.5	<2	2.02	<0.5	4	89	13	2.85	3.61
	B000892	3.50	<0.005	<0.5	7.38	<5	2600	2.8	<2	2.47	<0.5	4	110	10	2.61	4.27
	B000893	3.20	<0.005	<0.5	7.28	<5	1980	2.8	<2	1.86	<0.5	3	58	11	2.83	4.00
	B000894	2.90	<0.005	<0.5	7.51	<5	2050	2.9	<2	1.59	<0.5	4	116	10	2.95	4.07
	B000895	3.40	<0.005	<0.5	7.39	<5	1740	3.1	<2	1.86	<0.5	3	47	8	2.48	4.00
	B000896	2.96	<0.005	<0.5	6.92	<5	1500	3.8	<2	2.81	<0.5	3	138	9	2.36	3.95
	B000897	3.34	0.006	<0.5	7.15	<5	1500	4.7	<2	5.61	<0.5	6	77	6	3.20	3.63
	B000898	2.96	<0.005	<0.5	7.67	<5	2190	5.3	<2	6.36	<0.5	7	85	3	2.67	3.90
	B000899	3.66	<0.005	<0.5	7.02	<5	1460	5.1	<2	5.92	<0.5	5	67	3	3.03	3.16
	B000900	2.94	<0.005	<0.5	6.89	<5	1420	4.8	<2	4.38	<0.5	6	110	5	2.86	3.07
	B000901	1.62	<0.005	<0.5	8.62	<5	1640	5.6	<2	7.11	<0.5	7	38	7	4.38	4.11
	B000902	1.74	0.006	0.7	3.35	9	760	2.3	<2	1.52	1.7	10	180	191	1.79	1.42
	B000903	3.32	<0.005	<0.5	7.01	<5	1560	2.2	<2	7.55	<0.5	16	69	32	2.99	2.70
	B000904	3.38	0.005	<0.5	6.89	11	1600	1.9	<2	8.91	<0.5	14	59	20	2.90	3.06
	B000905	3.22	0.010	<0.5	5.54	9	850	2.3	<2	10.70	<0.5	18	124	52	2.95	1.90
	B000906	3.02	<0.005	<0.5	6.30	9	1300	2.2	<2	9.82	<0.5	8	48	11	2.47	3.07
	B000907	3.02	<0.005	<0.5	7.38	<5	1640	2.0	<2	6.20	<0.5	14	82	24	3.35	3.10
	B000908	3.38	<0.005	<0.5	7.25	<5	1370	2.9	<2	1.89	<0.5	7	57	7	2.49	4.45
	B000909	3.38	<0.005	<0.5	7.70	6	1700	3.5	<2	1.62	<0.5	5	56	4	2.57	5.12
	B000910	1.84	<0.005	<0.5	6.75	<5	1700	3.2	<2	2.23	<0.5	5	48	7	2.27	4.19
	B000911	1.34	<0.005	<0.5	5.69	<5	1080	3.5	<2	3.85	<0.5	12	112	61	2.59	2.49
	B000912	0.14	2.20	91.2	0.65	227	160	<0.5	6	0.20	>500	4	15	>10000	14.65	0.25
	B000913	3.02	<0.005	<0.5	6.58	<5	1460	3.4	<2	1.80	<0.5	6	47	21	2.17	4.44
	B000914	3.20	0.017	<0.5	5.69	<5	1930	2.6	<2	2.35	<0.5	10	79	36	2.80	2.79
	B000915	2.58	<0.005	<0.5	7.38	<5	2520	3.0	<2	2.03	<0.5	16	58	29	3.36	4.16
	B000916	1.52	<0.005	<0.5	6.39	<5	2150	2.0	<2	3.74	<0.5	29	152	85	5.07	2.90
	B000917	2.80	<0.005	<0.5	7.14	11	2020	2.3	<2	2.16	1.0	18	52	29	3.73	2.99
	B000918	0.60	<0.005	<0.5	6.44	<5	1760	1.8	<2	2.84	<0.5	33	136	86	5.55	3.41
	B000919	0.46	<0.005	<0.5	5.35	<5	1920	1.8	<2	1.32	<0.5	9	141	39	2.42	2.78
	B000920	3.42	<0.005	<0.5	7.22	<5	2370	2.5	<2	3.56	1.3	29	106	82	5.29	3.19

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CERTIFICATE OF ANALYSIS VA05007813

Method Analyte Units LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-AA48 Cu % 0.01
B000881		476	1	0.10	11	580	14	0.14	<5	174	0.26	21	<10	131	
B000882		649	2	0.17	9	670	17	0.16	<5	110	0.31	24	<10	49	
B000883		405	2	0.42	9	540	20	0.20	<5	146	0.25	18	<10	166	
B000884		391	1	0.67	7	520	60	0.17	<5	179	0.23	17	<10	355	
B000885		511	1	0.06	9	550	18	0.30	<5	59	0.25	19	<10	329	
B000886		501	108	0.08	87	200	>10000	>10.0	288	81	0.02	46	10	>10000	3.88
B000887		465	2	0.21	13	500	86	0.91	<5	52	0.18	17	<10	1435	
B000888		493	2	0.11	10	550	68	0.77	<5	65	0.26	22	10	759	
B000889		584	1	0.14	9	630	26	0.46	<5	76	0.29	21	70	343	
B000890		685	2	0.08	14	670	17	0.22	<5	60	0.30	27	<10	503	
B000891		489	1	0.45	4	580	21	0.09	<5	112	0.25	19	<10	124	
B000892		449	4	0.18	4	590	27	0.03	<5	118	0.26	19	<10	84	
B000893		559	<1	0.06	7	580	15	0.08	<5	106	0.26	19	<10	96	
B000894		580	1	0.07	9	620	15	0.11	<5	148	0.27	20	<10	91	
B000895		505	1	0.07	9	610	16	0.05	<5	237	0.27	20	<10	66	
B000896		490	2	0.07	9	530	14	0.16	<5	288	0.25	18	<10	67	
B000897		969	1	0.08	2	560	12	0.08	<5	868	0.25	18	<10	66	
B000898		974	1	0.10	4	580	26	0.02	<5	973	0.25	18	<10	54	
B000899		936	1	0.07	<1	520	22	0.01	<5	705	0.23	17	<10	45	
B000900		855	2	0.07	4	510	14	0.01	<5	740	0.22	17	<10	75	
B000901		1260	1	0.10	3	610	12	0.01	<5	742	0.22	28	<10	49	
B000902		144	4	0.04	53	2900	19	1.16	<5	73	0.14	178	10	399	
B000903		404	1	0.13	23	620	12	0.36	<5	223	0.25	79	<10	78	
B000904		375	<1	0.15	21	410	11	0.45	<5	267	0.24	65	<10	54	
B000905		420	1	0.05	59	630	12	0.56	<5	252	0.38	88	<10	62	
B000906		440	<1	0.15	12	440	15	0.21	<5	308	0.22	37	<10	47	
B000907		546	<1	0.57	24	600	7	0.31	<5	256	0.33	66	10	67	
B000908		428	1	0.31	3	530	13	0.12	<5	129	0.25	21	<10	50	
B000909		465	1	0.31	1	550	24	0.04	<5	135	0.25	17	<10	62	
B000910		465	2	0.50	<1	510	25	0.09	<5	191	0.24	18	10	54	
B000911		560	4	0.07	34	2630	16	0.11	<5	242	0.24	146	10	135	
B000912		159	118	0.02	112	30	>10000	>10.0	73	53	0.01	50	30	>10000	2.25
B000913		459	1	0.13	4	480	28	0.05	<5	128	0.22	16	10	190	
B000914		1200	2	0.54	18	590	18	0.48	<5	170	0.23	83	<10	93	
B000915		589	2	0.36	11	830	21	0.30	<5	110	0.45	72	<10	85	
B000916		843	2	0.33	61	1740	22	0.79	<5	145	0.67	188	<10	158	
B000917		728	1	0.94	7	800	19	0.16	<5	147	0.51	10	10	202	
B000918		805	1	0.09	59	1620	7	0.70	<5	87	0.69	201	<10	220	
B000919		286	1	0.09	18	420	29	0.41	<5	55	0.21	69	<10	83	
B000920		910	1	0.52	44	1560	39	0.73	<5	161	0.77	174	<10	308	



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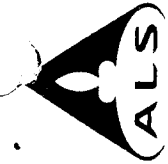
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Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 ppm	ME-ICP61 Ag ppm	ME-ICP61 Au %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 BI ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
	B000921	2.76	<0.005	<0.5	6.50	<5	3500	3.2	<2	1.33	<0.5	10	64	11	1.95	4.08
	B000922	1.96	<0.005	<0.5	4.04	<5	1740	2.4	<2	1.12	<0.5	20	142	94	2.62	1.43
	B000923	2.76	<0.005	<0.5	3.05	<5	970	1.5	<2	0.80	<0.5	11	99	95	1.75	1.33
	B000924	0.96	<0.005	<0.5	3.25	7	860	3.2	<2	1.11	<0.5	7	186	59	2.49	1.30
	B000925	2.92	<0.005	<0.5	7.59	<5	610	4.4	<2	1.14	<0.5	33	136	43	4.93	3.54
	B000926	1.52	<0.005	1.0	5.72	7	720	2.7	<2	2.20	35.3	47	154	77	8.29	2.87
	B000927	1.66	<0.005	<0.5	6.64	17	230	4.0	<2	2.85	<0.5	40	177	86	5.70	3.27
	B000928	2.36	<0.005	<0.5	6.45	21	1860	3.8	<2	6.83	0.7	47	133	124	6.90	1.32
	B000929	2.98	<0.005	1.6	6.02	11	1560	2.4	<2	7.56	3.2	35	148	184	5.49	1.62
	B000930	2.86	<0.005	<0.5	6.11	20	1980	1.8	<2	6.19	1.8	39	256	128	5.52	1.49
	B000931	1.14	<0.005	<0.5	5.10	<5	1780	2.5	<2	5.21	1.2	29	106	125	4.68	1.34
	B000932	1.46	<0.005	<0.5	5.49	12	1280	2.4	<2	6.46	1.2	36	138	130	5.20	1.28
	B000933	2.80	<0.005	<0.5	8.22	10	2100	2.5	<2	5.41	<0.5	37	104	154	6.95	1.72
	B000934	1.80	<0.005	<0.5	7.74	9	1390	3.0	<2	7.50	4.5	25	105	149	4.85	1.65
	B000935	2.68	<0.005	<0.5	7.05	32	1530	4.1	<2	6.24	3.7	26	88	149	4.75	1.92
	B000936	1.66	<0.005	<0.5	4.27	19	710	2.5	<2	15.45	<0.5	17	186	58	2.98	0.62
	B000937	3.40	<0.005	<0.5	5.14	33	790	2.3	<2	3.90	1.1	21	182	95	4.17	1.60
	B000938	1.98	<0.005	<0.5	7.61	22	2330	1.1	<2	5.92	1.4	32	282	106	7.18	2.02
	B000939	0.32	<0.005	<0.5	7.44	<5	220	1.8	<2	4.70	<0.5	27	186	151	6.73	2.47
	B000940	0.84	<0.005	<0.5	8.18	25	1570	1.1	<2	6.22	<0.5	35	254	54	8.33	1.02
	B000941	Not Recvd														
	B000942	Not Recvd														
	B000943	Not Recvd														
	B000944	Not Recvd														
	B000945	Not Recvd														
	B000946	Not Recvd														
	B000947	Not Recvd														
	B000948	Not Recvd														
	B000949	Not Recvd														
	B000950	Not Recvd														
	M179951	1.48	<0.005	<0.5	6.22	15	830	1.7	<2	2.12	<0.5	14	112	20	4.17	3.16
	M179952	2.92	<0.005	<0.5	7.62	6	1590	2.5	<2	1.58	<0.5	9	72	12	3.49	3.96
	M179953	2.16	<0.005	<0.5	7.62	<5	2310	2.0	<2	3.56	<0.5	17	80	33	4.61	4.55
	M179954	2.32	<0.005	<0.5	8.08	<5	1390	2.1	<2	7.79	<0.5	19	91	30	5.36	2.06
	M179955	0.92	<0.005	<0.5	6.82	13	1360	1.9	<2	10.35	<0.5	28	105	31	4.20	2.56
	M179956	4.76	<0.005	<0.5	7.09	41	1720	2.1	<2	4.52	<0.5	20	103	34	4.82	2.45



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Project: 1638-D

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 Total # Pages: 5 (A - F)
 Finalized Date: 17-FEB-2005
 Account: MPO

CERTIFICATE OF ANALYSIS VA05007813

Sample Description	Method Analyte Units LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-AAA6 Cu % 0.01
B000921		0.53	684	2	0.16	11	480	18	<5	115	0.24	33	<10	36	
B000922		0.49	1430	1	0.08	61	380	93	<5	74	0.18	152	<10	293	
B000923		0.36	898	<1	0.07	45	270	36	<5	105	0.12	114	<10	120	
B000924		0.55	595	7	0.03	52	800	27	<5	60	0.13	211	<10	135	
B000925		0.70	1180	3	0.08	68	1050	22	<5	141	0.64	151	20	117	
B000926		0.97	1575	4	0.08	106	980	147	<5	171	0.39	158	40	3210	
B000927		1.16	1450	5	0.05	102	1300	21	<5	183	0.65	249	20	117	
B000928		1.81	1515	2	0.88	83	1460	49	<5	347	1.05	256	<10	293	
B000929		2.32	1450	8	0.62	106	3890	140	<5	308	0.77	519	10	677	
B000930		2.70	1070	2	0.34	146	2330	54	<5	267	0.67	267	10	533	
B000931		1.96	764	1	0.06	48	1100	49	<5	263	0.38	174	10	363	
B000932		2.16	975	3	0.04	75	1310	44	<5	307	0.72	282	10	420	
B000933		2.53	1040	3	0.46	69	2160	26	<5	278	1.28	241	<10	303	
B000934		1.87	1185	1	0.06	49	860	13	<5	213	0.44	99	<10	976	
B000935		1.58	999	1	0.03	39	830	48	<5	270	0.52	105	<10	756	
B000936		1.29	2100	3	0.01	59	840	7	<5	446	0.45	128	10	93	
B000937		2.18	600	5	0.36	101	2000	26	<5	184	0.38	202	<10	153	
B000938		3.68	851	4	0.76	162	1580	36	<5	300	0.86	296	<10	164	
B000939		2.35	748	11	0.68	100	2220	62	<5	204	0.77	325	<10	111	
B000940		3.75	1205	1	1.32	118	1600	11	<5	302	1.30	284	<10	148	
B000941															
B000942															
B000943															
B000944															
B000945															
B000946															
B000947															
B000948															
B000949															
B000950															
M179951		1.18	669	2	0.57	16	800	6	<5	103	0.58	115	<10	90	
M179952		1.14	556	2	1.22	9	760	13	<5	111	0.44	53	<10	77	
M179953		1.83	711	2	0.27	27	1100	12	<5	190	0.58	123	10	110	
M179954		1.96	844	1	1.35	32	1100	14	<5	376	0.68	134	<10	96	
M179955		1.70	1080	2	0.20	46	840	17	<5	361	0.58	109	10	84	
M179956		1.52	744	3	0.64	38	900	14	<5	205	0.63	142	<10	117	

CERTIFICATE VA04083187

Project: 1638-D

P.O. No.:

This report is for 50 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 25-NOV-2004.

The following have access to data associated with this certificate:

JASON DUNNING

ACCOUNTS PAYABLE

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
ME-XRF05	Trace Level XRF Analysis	XRF
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	38 element fusion ICP-MS	ICP-MS
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS

To: YUKON ZINC CORPORATION
 ATTN: ACCOUNTS PAYABLE
 701-475 HOWE ST
 VANCOUVER BC V6C 2B3

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %	ME-ICP61 ME-ICP61 %
B001201		1.10	<0.005	<0.5	2.86	<5	1000	1.3	<2	2.19	0.9	4	120	147	1.58	1.27	0.01
B001202		2.72	<0.005	<0.5	7.45	10	1300	2.4	<2	1.51	<0.5	6	44	6	2.83	4.17	0.01
B001203		3.34	<0.005	<0.5	6.60	12	1030	2.4	<2	1.41	<0.5	6	45	8	2.31	4.61	0.01
B001204		4.58	<0.005	<0.5	6.81	<5	1120	2.1	<2	5.79	1.1	13	51	22	3.53	3.73	0.01
B001205		1.82	<0.005	<0.5	7.25	8	970	2.9	<2	2.48	<0.5	8	31	7	3.90	3.81	0.01
B001206		1.42	<0.005	<0.5	7.40	<5	970	2.8	<2	1.91	<0.5	8	37	9	3.82	3.82	0.01
B001207		0.46	<0.005	<0.5	1.42	<5	270	0.6	<2	0.51	<0.5	1	119	2	0.47	0.74	0.01
B001208		0.90	<0.005	<0.5	7.79	<5	990	2.6	<2	3.11	<0.5	15	37	8	5.13	4.59	0.01
B001209		1.42	<0.005	<0.5	6.86	<5	830	2.9	<2	2.55	<0.5	6	36	8	3.51	4.05	0.01
B001210		0.68	<0.005	<0.5	6.71	<5	820	2.3	<2	11.30	<0.5	19	42	18	3.06	3.20	0.01
B001211		1.08	<0.005	<0.5	7.51	<5	790	2.3	<2	3.82	<0.5	15	38	17	4.60	4.07	0.01
B001212		1.38	<0.005	<0.5	7.80	<5	1060	2.4	<2	1.32	<0.5	4	44	5	2.36	4.93	0.01
B001213		0.88	<0.005	<0.5	5.30	<5	700	1.4	<2	1.04	<0.5	4	76	12	2.17	4.13	0.01
B001214		1.10	<0.005	<0.5	7.45	<5	980	3.6	<2	2.11	<0.5	6	40	16	3.74	5.19	0.01
B001215		0.12	4.69	>100	0.79	675	110	2.1	23	0.12	>500	3	<1	>10000	14.25	0.28	0.01
B001216		2.34	<0.005	<0.5	7.30	<5	1060	2.7	<2	1.42	0.9	9	50	21	3.64	3.58	0.01
B001217		3.00	<0.005	<0.5	7.83	<5	960	2.5	<2	1.54	0.5	13	55	9	5.63	3.71	0.01
B001218		2.58	<0.005	<0.5	7.36	<5	770	2.6	<2	3.72	<0.5	21	77	18	5.62	4.28	0.01
B001219		2.24	<0.005	<0.5	6.00	7	500	2.1	<2	0.80	<0.5	2	54	4	1.08	5.75	0.01
B001220		2.44	<0.005	1.5	6.44	<5	1660	2.9	<2	0.32	3.3	2	48	75	1.66	3.91	0.01
B001221		0.94	<0.005	<0.5	2.45	<5	240	1.3	<2	0.02	0.5	1	135	9	0.97	1.31	0.01
B001222		2.68	<0.005	<0.5	6.63	5	490	3.2	<2	0.52	0.7	3	43	23	1.60	3.75	0.01
B001223		2.22	<0.005	<0.5	6.08	<5	850	3.4	<2	1.34	0.7	7	72	31	2.72	3.71	0.01
B001224		0.60	<0.005	<0.5	0.39	<5	60	<0.5	<2	0.58	<0.5	2	144	8	0.57	0.22	0.01
B001225		5.02	<0.005	<0.5	6.78	<5	1120	3.3	<2	0.55	<0.5	4	53	4	2.52	4.56	0.01
B001226		1.08	<0.005	<0.5	6.30	<5	1280	2.6	<2	1.84	<0.5	9	51	50	4.09	4.24	0.01
B001227		0.70	<0.005	<0.5	7.46	<5	1760	6.3	<2	5.62	<0.5	27	146	24	7.66	4.55	0.01
B001228		1.62	<0.005	<0.5	6.63	<5	1880	1.6	<2	0.76	<0.5	3	49	68	1.98	6.01	0.01
B001229		1.62	<0.005	<0.5	6.24	<5	1090	3.5	<2	0.56	<0.5	4	48	2	3.28	4.53	0.01
B001230		2.18	<0.005	<0.5	5.22	<5	630	2.2	<2	0.94	<0.5	2	74	3	1.04	4.70	0.01
B001231		2.74	<0.005	<0.5	6.32	<5	670	6.2	<2	2.02	<0.5	3	66	13	2.57	5.17	0.01
B001232		0.14	2.51	95.0	0.67	231	100	1.9	<2	0.22	>500	1	<1	>10000	14.85	0.26	0.01
B001233		1.10	<0.005	<0.5	4.82	<5	500	3.4	<2	2.50	0.6	3	51	15	1.72	4.26	0.01
B001234		2.32	<0.005	<0.5	5.97	11	550	4.5	<2	2.96	0.5	2	48	16	3.18	5.36	0.01
B001235		3.26	<0.005	<0.5	6.53	<5	390	5.7	<2	1.90	<0.5	12	81	27	4.69	4.92	0.01
B001236		1.64	<0.005	<0.5	6.77	<5	690	5.6	<2	4.65	<0.5	16	24	15	5.32	5.09	0.01
B001237		2.80	<0.005	<0.5	6.23	<5	920	2.7	<2	0.91	<0.5	4	45	9	2.97	5.22	0.01
B001238		1.42	<0.005	<0.5	5.95	8	910	3.6	<2	0.88	<0.5	1	61	5	2.02	5.27	0.01
B001239		2.44	<0.005	<0.5	6.57	17	930	5.6	<2	1.71	<0.5	3	57	6	2.66	5.33	0.01
B001240		2.98	<0.005	<0.5	6.03	<5	790	4.5	<2	0.93	<0.5	2	44	4	1.86	4.83	0.01

Comments: NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Method Analyte Units LOR	Sample Description	Mg %	Mn ppm	Mo ppm	Na %	ME-ICP61 ME-ICP61	NI ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	TI %	V ppm	W ppm	Zn ppm	Cu %
	B001201	1.64	219	5	0.08	42	4060	15	15	0.64	<5	90	0.13	190	<10	186	
	B001202	0.83	500	1	1.23	8	800	16	16	0.07	<5	76	0.38	36	<10	23	
	B001203	0.80	419	<1	1.07	2	510	20	20	0.16	<5	62	0.27	35	<10	37	
	B001204	1.48	834	<1	0.93	14	780	17	17	0.11	<5	175	0.49	91	<10	224	
	B001205	0.61	861	<1	1.47	3	1430	22	22	0.06	<5	91	0.50	48	<10	83	
	B001206	0.68	472	<1	1.98	6	980	25	25	0.04	<5	86	0.51	58	<10	98	
	B001207	0.09	106	<1	0.23	2	110	3	3	<0.01	<5	27	0.05	8	<10	8	
	B001208	0.99	955	<1	1.24	4	1680	10	10	0.05	<5	116	0.95	148	<10	85	
	B001209	0.54	735	<1	1.42	1	790	10	10	0.07	<5	70	0.42	29	<10	50	
	B001210	0.52	1425	<1	1.45	16	1080	17	17	0.10	<5	255	0.70	121	<10	39	
	B001211	1.14	725	<1	1.47	8	900	24	24	0.12	<5	95	0.57	90	<10	120	
	B001212	0.38	328	<1	1.88	1	550	12	12	0.04	<5	47	0.29	26	<10	35	
	B001213	0.35	326	<1	0.72	1	560	22	22	0.04	<5	38	0.22	20	<10	29	
	B001214	0.61	455	1	0.97	2	810	15	15	0.09	<5	57	0.42	40	<10	64	
	B001215	0.03	98	85	0.04	74	30	>10000	>10000	>10.0	306	70	0.01	37	10	>10000	2.44
	B001216	1.37	460	1	1.64	7	660	47	47	0.08	<5	75	0.47	75	<10	204	
	B001217	1.74	634	1	1.96	8	950	16	16	0.06	<5	89	0.71	104	<10	117	
	B001218	1.84	901	<1	1.02	22	1430	19	19	0.16	<5	144	0.90	167	<10	94	
	B001219	0.19	315	2	0.54	3	300	21	21	0.42	<5	29	0.12	12	<10	8	
	B001220	0.34	261	3	0.20	2	140	563	563	0.21	<5	30	0.15	15	<10	416	
	B001221	0.14	66	4	0.02	5	50	16	16	0.05	<5	6	0.07	44	<10	52	
	B001222	0.42	272	3	0.04	2	130	23	23	0.20	<5	18	0.17	13	<10	106	
	B001223	1.01	351	2	0.47	5	390	14	14	0.10	<5	43	0.27	47	<10	174	
	B001224	0.10	99	<1	0.01	99	50	<2	<2	0.02	<5	10	0.05	5	<10	19	
	B001225	0.59	235	1	1.57	4	260	11	11	0.05	<5	53	0.26	16	<10	27	
	B001226	0.65	675	1	0.26	3	750	8	8	0.30	<5	36	0.55	69	<10	9	
	B001227	3.13	1235	<1	0.14	35	730	12	12	0.13	<5	142	0.92	208	20	55	
	B001228	0.44	377	3	0.21	1	320	11	11	0.14	<5	22	0.23	22	10	6	
	B001229	0.85	232	1	0.85	<1	290	21	21	0.03	<5	25	0.29	25	<10	88	
	B001230	0.19	430	2	0.80	3	140	12	12	0.05	<5	38	0.14	5	<10	11	
	B001231	0.43	1000	3	0.64	<1	140	17	17	0.42	<5	43	0.17	11	<10	16	
	B001232	0.04	164	129	0.03	111	10	>10000	>10000	>10.0	70	63	0.01	51	<10	>10000	2.25
	B001233	0.13	942	2	0.18	3	170	23	23	0.10	<5	40	0.13	18	<10	94	
	B001234	0.41	1215	2	0.27	<1	140	33	33	0.23	<5	43	0.13	14	<10	85	
	B001235	0.63	1200	2	0.18	11	930	14	14	0.18	<5	33	0.54	64	20	20	
	B001236	0.79	1805	3	0.19	18	1010	16	16	0.08	<5	59	0.56	52	10	18	
	B001237	0.25	881	2	0.54	4	270	12	12	0.22	<5	29	0.25	22	<10	20	
	B001238	0.18	601	1	0.70	<1	150	10	10	0.03	<5	34	0.17	5	<10	19	
	B001239	0.36	749	2	0.92	5	200	10	10	0.06	<5	66	0.21	10	10	15	
	B001240	0.19	556	2	0.85	3	150	10	10	0.05	<5	29	0.17	5	10	7	

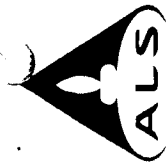
Comments: NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Method Analyte Units LOR	Pb-AA46 % 0.01	Zn-AA46 Zn %	Hg-CV41 Hg ppm	Ag-GRA21 Ag ppm	Se ppm	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %
B001201			<0.01	5	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
B001202			<0.01		3										
B001203			<0.01		<2										
B001204			<0.01		<2										
B001205			<0.01		<2										
B001206			<0.01		<2	63.2	13.65	6.11	3.56	1.21	2.23	5.13	0.01	0.94	0.12
B001207			<0.01		<2										
B001208			<0.01		<2										
B001209			<0.01		<2										
B001210			<0.01		<2										
B001211			<0.01		<2										
B001212			<0.01		<2										
B001213			<0.01		<2										
B001214			<0.01		<2										
B001215	3.39	23.5	11.70	173	NSS										
B001216			<0.01		<2										
B001217			<0.01		<2										
B001218			<0.01		<2										
B001219			<0.01		<2	73.1	10.85	1.59	1.09	0.36	0.78	7.93	0.01	0.27	0.04
B001220			0.09		<2										
B001221			<0.01		<2										
B001222			<0.01		<2										
B001223			0.01		<2										
B001224			<0.01		<2										
B001225			<0.01		<2										
B001226			<0.01		<2										
B001227			<0.01		<2	45.6	13.85	11.95	8.08	5.92	0.19	6.53	0.03	1.71	0.17
B001228			<0.01		<2										
B001229			<0.01		<2										
B001230			<0.01		<2	76.9	9.54	1.50	1.29	0.34	1.13	5.84	0.01	0.24	0.05
B001231			<0.01		<2										
B001232	1.25	20.3	2.37	15	<2										
B001233			0.03	<2	<2										
B001234			0.01	<2	<2										
B001235			0.01	<2	<2										
B001236			0.01	<2	<2										
B001237			0.01	<2	<2										
B001238			<0.01	<2	<2										
B001239			<0.01	<2	<2										
B001240			<0.01	<2	<2										

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA04083187

Sample Description	Method Analyte Units LOR	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		P205 %	SrO %	BaO %	LOI %	Total %	Ag ppm	Ba ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	
B001201		0.36	0.01	0.13	3.35	100.0	<1	981	171.5	8.6	50	4.2	5	11.2	5.6	2.9	
B001202																	
B001203																	
B001204																	
B001205																	
B001206																	
B001207																	
B001208																	
B001209																	
B001210																	
B001211																	
B001212																	
B001213																	
B001214																	
B001215																	
B001216																	
B001217																	
B001218																	
B001219		0.06	<0.01	0.06	2.78	98.9	<1	554	90.6	3.2	90	4.6	<5	6.7	3.8	0.7	
B001220																	
B001221																	
B001222																	
B001223																	
B001224																	
B001225																	
B001226																	
B001227		0.21	0.02	0.24	5.87	100.5	<1	1935	48.4	34.7	250	85.0	25	6.0	3.4	1.2	
B001228																	
B001229																	
B001230		<0.01	0.01	0.07	2.13	99.0	<1	562	87.4	1.8	90	7.8	<5	5.5	3.1	1.0	
B001231																	
B001232																	
B001233																	
B001234																	
B001235																	
B001236																	
B001237																	
B001238																	
B001239																	
B001240																	

Comments: NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Method Analyte Units LOR	Sample Description	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm
	B001201															
	B001202															
	B001203															
	B001204															
	B001205	23	11.9	16	1.7	88.4	0.6	3	41	72.3	10	18	19.0	128.0	14.7	4
	B001206															
	B001207															
	B001208															
	B001209															
	B001210															
	B001211															
	B001212															
	B001213															
	B001214															
	B001215															
	B001216															
	B001217															
	B001218															
	B001219	17	7.4	5	1.5	44.6	0.6	4	21	35.6	11	13	9.7	211	7.2	8
	B001220															
	B001221															
	B001222															
	B001223															
	B001224															
	B001225															
	B001226															
	B001227	21	6.2	5	1.4	23.2	0.5	2	22	26.0	54	16	6.0	262	5.8	6
	B001228															
	B001229															
	B001230	12	6.6	8	1.1	44.4	0.5	3	22	36.2	9	16	9.5	99.0	7.1	5
	B001231															
	B001232															
	B001233															
	B001234															
	B001235															
	B001236															
	B001237															
	B001238															
	B001239															
	B001240															

Comments: NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81		
		Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	94.4	29.4	137.0	33.3	94.4	
B001201		0.1	0.5	0.1	1	0.5	0.1	0.5	5	1	0.5	0.1	0.5	51	1	50.1	5.2	76	611	
B001202																				
B001203																				
B001204																				
B001205																				
B001206																				
B001207																				
B001208																				
B001209																				
B001210																				
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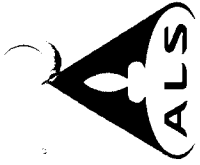
Comments: NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	AU-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
B001241	1.56	0.019	<0.5	7.11	<5	970	6.4	<2	1.13	<0.5	10	56	11	5.32	4.68
B001242	1.06	<0.005	<0.5	7.02	<5	780	6.0	<2	1.14	<0.5	9	46	6	3.47	5.66
B001243	0.84	<0.005	<0.5	9.33	12	970	11.1	<2	3.58	<0.5	40	82	26	7.08	6.24
B001244	0.12	4.70	>100	1.09	189	50	2.1	18	1.69	>500	2	<1	>10000	15.25	0.33
B001245	1.40	<0.005	<0.5	8.67	<5	1120	7.8	<2	5.83	1.2	23	95	72	7.85	5.41
B001246	2.32	<0.005	<0.5	7.10	<5	980	3.6	<2	2.09	0.8	15	60	47	5.39	7.00
B001247	2.34	<0.005	<0.5	6.72	8	940	3.1	<2	1.91	0.5	18	78	29	5.79	5.23
B001248	1.34	<0.005	<0.5	6.47	10	840	2.6	<2	1.38	<0.5	4	73	15	2.63	5.30
B001249	0.52	<0.005	<0.5	6.67	7	110	50.9	<2	0.32	<0.5	<1	55	2	0.41	4.04
B001250	2.04	<0.005	<0.5	7.44	10	890	16.6	<2	1.76	0.6	14	92	53	4.55	4.94

Comments: NSS is non-sufficient sample.



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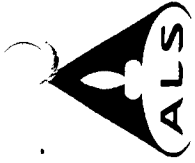
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Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Sample Description	Method Analyte Units LOR	Pb-AA46 %	Zn-AA46 %	Hg-CV41 ppm	Ag-GRA21 ppm	Se-XRF05 ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %
B001241		0.01	0.01	<0.01	5	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
B001242				<0.01		<2										
B001243				0.01		<2										
B001244		3.04	20.9	13.80	NSS	<2										
B001245				0.01		<2	50.3	15.00	11.55	8.07	1.53	0.56	6.46	0.02	2.46	0.29
B001246				0.01		<2										
B001247				0.01		<2										
B001248				0.01		<2										
B001249				<0.01		<2										
B001250				0.01		<2										

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA04083187

Sample Description	Method Analyte Units LOR	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	
		P205 %	SrO %	BaO %	LOI %	Total %	Ag ppm	Ba ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	0.1	0.1	0.1
B001241		0.45	0.01	0.13	3.06	99.9	<1	944	77.1	26.0	120	37.5	25	10.3	5.7	0.1	0.1	0.1	
B001242																			
B001243																			
B001244																			
B001245																			
B001246																			
B001247																			
B001248																			
B001249																			
B001250																			

Comments: NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Method Analyte Units LOR	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm
B001241	1	0.1	1	0.1	0.5	0.1	2	1	0.5	5	5	0.1	0.2	0.1	1
B001242															
B001243															
B001244															
B001245	28	9.8	9	2.0	39.5	0.7	2	33	42.9	24	21	10.1	190.0	9.9	33
B001246															
B001247															
B001248															
B001249															
B001250															

Comments: NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA04083187

Method Analyte Units LOR	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zn ppm	ME-MS81 Zr ppm
B001241	0.1	0.5	0.1	1	0.5	0.1	0.5	5	1	0.5	0.1	5	0.5
B001242	85.0	2.1	1.6	8	<0.5	0.7	1.7	301	20	55.1	5.8	61	343
B001243													
B001244													
B001245													
B001246													
B001247													
B001248													
B001249													
B001250													

Comments: NSS is non-sufficient sample.

CERTIFICATE VA04070774

Project: 1638
 P.O. No.:
 This report is for 100 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 12-OCT-2004.
 The following have access to data associated with this certificate:
 JASON DUNNING
 ACCOUNTS PAYABLE

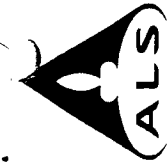
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Ag-GRA21	Ag 30g FA-GRV finish	WST-SIM
ME-XRF05	Trace Level XRF Analysis	XRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS

To: EXPATRIATE RESOURCES LTD.
 ATTN: JASON DUNNING
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 VANCOUVER BC V6C 2B3

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



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Project: 1638

CERTIFICATE OF ANALYSIS VA04070774

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
M180401		0.86	0.005	<0.5	8.16	8	1350	48.9	3	8.31	0.5	26	196	12	3.61	0.01
M180402		1.04	<0.005	<0.5	6.31	8	980	1.4	<2	1.40	0.8	11	100	18	1.92	4.35
M180403		3.00	<0.005	<0.5	7.14	<5	1240	8.6	3	3.15	<0.5	22	73	48	7.78	6.23
M180404		1.54	<0.005	<0.5	7.09	6	1090	30.4	4	3.19	<0.5	17	90	72	5.70	5.25
M180405		2.76	<0.005	<0.5	6.55	<5	1100	3.1	<2	1.04	<0.5	2	130	9	2.14	4.96
M180406		2.60	<0.005	<0.5	6.71	<5	940	13.2	<2	1.25	<0.5	1	105	7	1.56	6.67
M180407		3.02	<0.005	<0.5	6.64	<5	1160	9.6	<2	0.67	<0.5	1	106	7	1.98	5.40
M180408		2.82	<0.005	<0.5	6.54	<5	1120	2.7	<2	1.08	<0.5	2	102	7	2.16	6.15
M180409		2.50	<0.005	<0.5	6.13	9	1140	2.6	<2	0.62	<0.5	2	145	8	1.90	5.49
M180410		2.32	<0.005	<0.5	5.40	<5	1250	2.9	<2	1.96	<0.5	1	197	6	2.56	5.77
M180411		2.14	0.005	<0.5	6.62	<5	1360	2.8	<2	1.44	<0.5	4	91	9	1.94	4.56
M180412		0.56	<0.005	<0.5	7.40	<5	1200	9.3	<2	5.28	<0.5	23	41	64	8.83	6.42
M180413		2.96	<0.005	<0.5	6.40	6	1130	13.0	<2	1.24	<0.5	4	136	12	2.24	5.19
M180414		1.04	<0.005	<0.5	8.14	<5	1610	12.2	2	5.23	<0.5	31	200	31	7.09	5.24
M180415		2.22	<0.005	<0.5	6.34	<5	1240	2.4	<2	1.78	<0.5	5	173	16	2.47	5.84
M180416		2.34	<0.005	<0.5	6.00	<5	1340	2.7	<2	0.69	<0.5	2	117	14	1.66	5.28
M180417		2.54	<0.005	<0.5	6.36	<5	1170	4.9	<2	1.92	0.6	7	132	19	2.81	5.31
M180418		1.30	<0.005	<0.5	7.37	<5	1660	7.7	3	2.75	0.6	24	99	39	5.85	5.12
M180419		0.98	<0.005	<0.5	6.50	<5	1100	23.0	<2	1.41	<0.5	5	110	6	2.55	5.15
M180420		1.24	<0.005	<0.5	6.58	<5	1420	4.9	3	1.72	0.9	9	106	16	4.27	5.27
M180421		1.06	<0.005	<0.5	6.16	<5	1350	6.4	<2	0.49	0.5	3	122	10	2.07	4.74
M180422		2.78	<0.005	<0.5	6.50	<5	1910	7.8	<2	1.20	<0.5	4	120	12	1.94	4.72
M180423		0.42	<0.005	<0.5	6.19	<5	1220	4.4	<2	1.74	<0.5	2	142	15	2.48	5.56
M180424		1.84	<0.005	<0.5	6.40	<5	1300	5.1	<2	0.69	<0.5	2	117	8	1.74	3.73
M180425		1.04	<0.005	<0.5	7.25	7	2090	7.6	<2	2.08	<0.5	18	175	63	5.23	5.34
M180426		0.20	<0.005	<0.5	7.03	7	1400	8.9	<2	0.46	<0.5	2	118	5	1.05	5.22
M180427		1.64	<0.005	<0.5	6.72	<5	1020	10.4	<2	0.78	<0.5	2	107	6	1.45	6.11
M180428		4.44	<0.005	<0.5	6.42	<5	1040	5.8	<2	1.12	<0.5	2	172	8	1.74	5.40
M180429		1.18	<0.005	0.5	7.28	7	1340	8.9	<2	5.94	<0.5	25	100	57	6.84	4.16
M180430		1.74	<0.005	<0.5	6.05	<5	1240	9.6	<2	0.86	<0.5	3	118	3	0.76	3.85
M180431		2.48	<0.005	<0.5	6.06	<5	1490	3.2	2	1.28	<0.5	1	100	3	1.60	5.12
M180432		3.28	<0.005	<0.5	6.84	<5	1960	4.0	<2	1.58	<0.5	7	137	41	3.29	4.59
M180433		4.58	<0.005	<0.5	6.49	<5	1770	3.1	<2	1.42	<0.5	3	103	10	2.66	5.81
M180434		2.08	<0.005	<0.5	6.79	<5	1280	4.6	<2	0.69	<0.5	3	142	4	1.16	4.34
M180435		2.20	<0.005	<0.5	6.01	5	1120	5.9	3	1.60	<0.5	10	112	252	2.27	5.15
M180436		2.14	<0.005	<0.5	6.73	7	980	7.2	<2	6.61	<0.5	34	198	50	7.05	4.30
M180437		2.02	<0.005	<0.5	6.96	<5	850	6.1	<2	3.68	<0.5	19	132	79	3.76	3.82
M180438		0.82	<0.005	<0.5	6.86	<5	730	6.3	4	0.91	<0.5	4	152	30	1.44	4.32
M180439		0.46	<0.005	<0.5	6.06	<5	970	11.0	4	4.44	<0.5	18	149	29	2.82	4.08
M180440		2.02	<0.005	<0.5	6.79	<5	1220	10.2	<2	0.92	<0.5	5	132	14	2.03	3.46
M180440		2.02	<0.005	<0.5	6.79	<5	1220	10.2	<2	0.92	<0.5	5	132	14	2.03	5.48

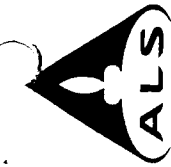
Comments: Highly mineralized samples may bias results for some elements

Project: 1638

CERTIFICATE OF ANALYSIS VA04070774

Sample Description	Method Analyte Units LOR	ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		Cu-AA46	
		Mg %	Mn ppm	Mo ppm	Na %	NI ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Tl %	V ppm	W ppm	Zn ppm	Cu %					
M180401		0.63	1175	2	0.48	36	23	0.06	<5	145	0.89	196	20	150							
M180402		0.15	323	7	0.70	9	32	0.24	<5	44	0.59	73	<10	217							
M180403		1.02	1155	3	0.34	4	30	0.89	<5	77	1.38	233	10	139							
M180404		0.63	1205	3	0.69	7	26	1.10	<5	77	1.08	197	10	95							
M180405		0.13	426	4	0.24	8	11	0.03	<5	36	0.20	20	<10	84							
M180406		0.12	495	5	0.72	4	21	0.01	<5	38	0.16	14	<10	62							
M180407		0.16	505	5	0.25	6	14	0.08	<5	27	0.20	16	<10	80							
M180408		0.21	537	6	0.22	6	16	0.05	<5	35	0.21	18	<10	81							
M180409		0.11	462	6	0.21	7	14	0.08	<5	26	0.22	15	<10	68							
M180410		0.16	792	8	0.18	8	8	0.01	<5	47	0.19	17	<10	112							
M180411		0.13	445	5	0.25	6	21	0.10	<5	76	0.20	23	<10	59							
M180412		1.11	1415	1	0.22	6	26	1.02	<5	96	1.54	286	10	209							
M180413		0.19	489	5	0.46	7	18	0.08	<5	42	0.26	32	<10	103							
M180414		1.62	1055	2	0.42	18	25	0.36	<5	150	0.89	215	10	146							
M180415		0.27	391	6	0.62	11	15	0.05	<5	64	0.29	51	<10	27							
M180416		0.16	276	7	0.67	5	22	0.04	<5	36	0.21	26	<10	118							
M180417		0.48	580	4	0.68	14	25	0.02	<5	58	0.34	57	<10	226							
M180418		0.34	748	3	0.41	12	27	0.39	<5	80	1.30	221	10	180							
M180419		0.34	747	3	0.51	7	15	0.01	<5	42	0.37	44	<10	123							
M180420		0.50	711	5	0.17	8	13	0.14	<5	47	0.73	113	10	225							
M180421		0.17	442	4	0.22	11	11	0.02	<5	21	0.21	17	<10	170							
M180422		0.22	485	5	0.31	10	14	0.05	<5	49	0.27	29	<10	100							
M180423		0.58	934	4	0.48	7	10	0.08	<5	51	0.14	32	<10	53							
M180424		0.40	482	4	0.27	5	230	0.04	<5	38	0.18	22	<10	25							
M180425		0.70	983	4	0.36	25	14	0.69	<5	92	0.55	132	<10	52							
M180426		0.24	283	5	0.53	7	130	0.01	<5	51	0.13	11	<10	12							
M180427		0.43	639	5	0.68	5	35	0.03	<5	41	0.10	7	<10	22							
M180428		0.51	587	6	0.32	5	18	0.11	<5	48	0.12	8	<10	31							
M180429		1.08	1345	2	0.32	14	31	0.73	<5	164	1.54	260	<10	134							
M180430		0.24	240	5	0.74	7	43	0.01	<5	42	0.11	13	10	17							
M180431		0.35	510	3	0.40	5	14	0.01	<5	43	0.12	11	<10	15							
M180432		0.47	761	4	0.28	9	14	0.16	<5	51	0.44	72	<10	28							
M180433		0.31	705	3	0.23	3	10	0.09	<5	46	0.31	28	10	22							
M180434		0.35	354	7	0.50	5	20	0.01	<5	37	0.16	15	10	29							
M180435		0.65	400	4	0.45	11	20	0.16	<5	64	0.23	44	30	60							
M180436		2.78	1220	1	0.37	69	20	0.06	<5	168	0.83	223	10	118							
M180437		1.17	609	2	0.77	31	24	0.15	<5	110	0.55	109	<10	57							
M180438		0.49	249	5	1.43	8	28	0.08	<5	37	0.16	27	<10	29							
M180439		0.75	1345	9	0.25	18	160	0.04	<5	130	0.20	44	<10	40							
M180440		0.38	549	6	0.50	9	18	0.07	<5	43	0.25	32	10	56							

Comments: Highly mineralized samples may bias results for some elements



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 Finalized Date: 29-OCT-2004
 Account: MPO

Project: 1638

CERTIFICATE OF ANALYSIS VA04070774

Sample Description	Method Analyte Units LOR	Pb-AA46		Zn-AA46		Hg-CV41		Ag-GRA21		ME-XRF05	
		Pb %	Zn %	Hg ppm	Zn %	Ag ppm	Se ppm	Ag ppm	Se ppm		
M180401		0.01	0.01	0.01	0.01	0.01	0.01	5	2	<2	<2
M180402				<0.01		<0.01				<2	<2
M180403				<0.01		<0.01				<2	<2
M180404				<0.01		<0.01				<2	<2
M180405				0.01		0.01				<2	<2
M180406				<0.01		<0.01				<2	<2
M180407				<0.01		<0.01				<2	<2
M180408				<0.01		<0.01				<2	<2
M180409				<0.01		<0.01				<2	<2
M180410				<0.01		<0.01				<2	<2
M180411				<0.01		<0.01				<2	<2
M180412				<0.01		<0.01				<2	<2
M180413				<0.01		<0.01				<2	<2
M180414				<0.01		<0.01				<2	<2
M180415				<0.01		<0.01				<2	<2
M180416				<0.01		<0.01				<2	<2
M180417				0.01		0.01				<2	<2
M180418				<0.01		<0.01				<2	<2
M180419				<0.01		<0.01				<2	<2
M180420				<0.01		<0.01				<2	<2
M180421				<0.01		<0.01				<2	<2
M180422				<0.01		<0.01				<2	<2
M180423				<0.01		<0.01				<2	<2
M180424				<0.01		<0.01				<2	<2
M180425				<0.01		<0.01				<2	<2
M180426				<0.01		<0.01				<2	<2
M180427				<0.01		<0.01				<2	<2
M180428				<0.01		<0.01				<2	<2
M180429				<0.01		<0.01				<2	<2
M180430				<0.01		<0.01				<2	<2
M180431				<0.01		<0.01				<2	<2
M180432				<0.01		<0.01				<2	<2
M180433				1.05		1.05				<2	<2
M180434				<0.01		<0.01				<2	<2
M180435				<0.01		<0.01				<2	<2
M180436				<0.01		<0.01				<2	<2
M180437				0.01		0.01				<2	<2
M180438				<0.01		<0.01				<2	<2
M180439				<0.01		<0.01				<2	<2
M180440				<0.01		<0.01				<2	<2

Comments: Highly mineralized samples may bias results for some elements

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CERTIFICATE OF ANALYSIS VA04070774

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	AU-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
M180441	1.70	<0.005	<0.5	6.63	<5	630	8.6	2	1.84	0.7	6	94	23	2.43	5.71
M180442	1.22	<0.005	<0.5	6.31	<5	670	11.5	<2	2.56	<0.5	3	46	14	1.03	4.75
M180443	2.34	<0.005	<0.5	6.90	<5	700	7.0	2	0.71	<0.5	5	77	13	2.25	4.37
M180444	0.58	<0.005	<0.5	7.38	<5	460	22.8	4	5.65	<0.5	23	77	53	7.74	3.94
M180445	1.90	<0.005	<0.5	6.14	6	510	7.0	2	0.70	<0.5	2	139	9	1.79	4.57
M180446	0.94	<0.005	<0.5	6.98	<5	430	11.1	2	4.61	<0.5	32	163	4	7.29	4.49
M180447	0.78	<0.005	<0.5	6.64	<5	470	9.4	<2	1.26	<0.5	3	165	16	1.78	3.55
M180448	1.20	<0.005	<0.5	7.67	<5	550	7.7	2	2.96	<0.5	26	93	41	7.54	5.26
M180449	3.92	<0.005	<0.5	7.07	8	590	10.0	2	2.52	<0.5	16	134	28	4.69	4.73
M180450	3.18	<0.005	<0.5	6.63	<5	710	6.4	<2	2.64	<0.5	7	78	20	3.02	3.94
M180451	3.14	<0.005	<0.5	6.02	<5	470	7.9	<2	2.58	<0.5	3	66	10	2.05	3.63
M180452	3.40	<0.005	<0.5	6.75	<5	700	5.4	2	0.91	<0.5	9	158	9	1.58	4.37
M180453	0.90	<0.005	<0.5	6.56	<5	880	7.5	<2	1.04	<0.5	2	89	3	1.44	3.43
M180454	2.00	<0.005	<0.5	6.14	<5	2660	7.0	<2	0.47	<0.5	2	154	16	0.66	5.00
M180455	3.62	<0.005	<0.5	5.71	<5	1220	4.5	3	0.52	<0.5	2	108	9	0.48	4.32
M180456	0.90	<0.005	<0.5	8.25	<5	1820	23.8	4	6.01	<0.5	32	344	196	4.90	4.34
M180457	1.06	<0.005	<0.5	6.34	<5	950	6.0	<2	1.16	<0.5	6	87	15	1.08	4.69
M180458	5.08	<0.005	<0.5	6.04	6	310	5.4	<2	1.81	<0.5	3	142	15	2.11	3.95
M180459	3.62	<0.005	<0.5	6.66	<5	490	6.9	<2	1.83	<0.5	5	110	15	2.28	4.67
M180460	3.76	<0.005	<0.5	6.00	<5	360	8.0	<2	1.64	<0.5	3	134	16	1.48	4.01
M180461	2.18	<0.005	<0.5	6.06	<5	430	4.5	<2	2.95	<0.5	8	129	28	1.99	2.59
M180462	2.12	<0.005	<0.5	6.68	5	630	14.8	<2	4.89	<0.5	30	221	21	6.15	4.57
M180463	0.72	<0.005	<0.5	6.70	<5	720	3.0	<2	3.30	<0.5	6	266	2	1.96	4.27
M180464	2.36	<0.005	<0.5	6.75	<5	470	5.1	<2	5.79	<0.5	39	242	6	6.80	4.94
M180465	3.40	<0.005	<0.5	8.65	<5	510	5.8	3	5.24	<0.5	38	245	4	7.89	6.48
M180466	3.40	<0.005	<0.5	8.23	<5	810	3.7	3	3.11	<0.5	17	49	24	9.31	5.95
M180467	2.20	<0.005	<0.5	8.55	<5	550	4.6	<2	4.07	<0.5	36	231	2	8.40	6.59
M180468	2.88	<0.005	<0.5	7.86	<5	720	5.3	<2	2.43	1.0	13	108	17	3.86	4.74
M180469	3.72	<0.005	<0.5	9.17	<5	950	5.7	<2	2.74	<0.5	17	137	13	6.04	5.81
M180470	0.44	<0.005	<0.5	7.20	<5	680	3.2	<2	1.36	<0.5	5	97	8	2.96	2.63
M180471	5.22	<0.005	<0.5	7.37	<5	670	3.6	2	2.40	<0.5	15	87	16	6.09	4.08
M180472	4.84	<0.005	<0.5	7.49	<5	680	8.1	3	3.17	<0.5	13	96	16	5.48	3.55
M180473	3.58	<0.005	<0.5	6.93	<5	860	3.4	<2	1.46	<0.5	6	108	17	3.59	2.89
M180474	4.50	<0.005	<0.5	7.80	<5	640	8.4	2	1.81	<0.5	8	160	9	3.20	3.69
M180475	0.12	5.72	>100	1.12	378	50	<0.5	36	1.69	>500	4	<1	>10000	15.60	0.32
M180476	1.34	<0.005	1.3	7.88	<5	970	3.1	2	2.71	5.5	15	142	194	6.22	3.56
M180477	0.22	0.144	48.6	2.79	<5	80	1.8	50	1.29	>500	68	74	4720	21.0	1.19
M180478	0.88	<0.005	<0.5	7.98	<5	1210	2.8	<2	2.91	1.7	15	153	137	5.07	2.62
M180479	0.12	5.38	>100	1.12	326	50	<0.5	54	1.78	>500	4	<1	>10000	16.05	0.32
M180480	2.68	<0.005	0.9	7.95	<5	1230	4.0	<2	7.33	2.0	21	136	90	6.02	2.13

Comments: Highly mineralized samples may bias results for some elements

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CERTIFICATE OF ANALYSIS VA04070774

Method Analyte Units LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-AA46 Cu % 0.01
M180441	0.50	682	14	0.61	5	450	29	0.19	50	0.32	51	<10	136	
M180442	0.22	531	1	0.61	4	320	42	0.05	63	0.24	32	<10	72	
M180443	0.79	343	3	0.95	6	230	15	0.10	26	0.20	25	<10	67	
M180444	1.92	1150	1	0.28	23	2380	24	0.29	134	1.27	208	30	246	
M180445	0.54	249	3	0.83	8	170	21	0.01	28	0.16	21	<10	112	
M180446	3.57	952	1	0.30	70	830	14	0.01	107	0.87	234	<10	197	
M180447	0.56	323	5	1.62	7	150	11	0.04	37	0.15	18	10	35	
M180448	3.01	699	<1	0.27	28	1260	19	0.12	83	1.15	248	<10	164	
M180449	1.50	854	9	1.10	21	770	24	0.09	83	0.64	136	<10	173	
M180450	0.78	783	3	0.69	9	1030	19	0.24	96	0.45	61	<10	101	
M180451	1.03	595	2	0.57	5	160	13	0.05	104	0.17	18	<10	79	
M180452	0.82	269	5	0.24	6	190	33	0.03	68	0.16	16	20	74	
M180453	0.58	320	2	0.33	5	300	4	0.01	43	0.15	14	10	78	
M180454	0.08	183	4	1.22	8	180	22	0.09	40	0.10	10	<10	36	
M180455	0.06	122	4	1.02	5	240	24	0.11	39	0.11	11	<10	11	
M180456	0.57	1910	4	0.66	59	790	20	0.48	216	0.94	185	<10	120	
M180457	0.20	424	3	0.87	9	270	20	0.07	47	0.22	24	<10	31	
M180458	0.50	565	5	0.45	6	380	13	0.08	42	0.23	18	10	41	
M180459	0.37	418	3	0.78	8	520	22	0.09	58	0.31	36	10	45	
M180460	0.31	346	2	1.28	6	220	21	0.07	56	0.16	20	<10	25	
M180461	0.31	504	4	2.15	12	310	17	0.15	74	0.29	61	<10	36	
M180462	2.06	1005	1	0.44	67	1010	18	0.07	116	1.00	199	<10	164	
M180463	0.81	444	5	0.47	17	320	14	<0.01	70	0.31	78	<10	38	
M180464	3.80	1065	1	0.32	71	740	14	<0.01	130	0.82	217	10	158	
M180465	5.11	1060	<1	0.40	72	700	16	0.01	124	0.81	235	<10	133	
M180466	2.53	730	3	0.66	12	3180	13	0.15	101	1.14	108	<10	157	
M180467	5.48	1105	<1	0.29	68	640	30	0.01	144	0.75	217	<10	119	
M180468	1.64	511	5	1.01	16	650	124	0.13	101	0.44	91	20	248	
M180469	2.37	965	5	1.66	23	1140	28	0.06	118	0.74	118	<10	132	
M180470	0.75	398	2	2.93	4	400	14	0.04	59	0.26	24	10	67	
M180471	1.84	917	3	1.70	13	1360	38	0.08	108	0.83	127	<10	119	
M180472	1.82	967	2	2.09	20	1060	33	0.08	118	0.70	117	<10	122	
M180473	0.83	564	4	2.65	8	640	13	0.11	67	0.45	56	<10	72	
M180474	0.77	662	3	2.54	10	610	43	0.07	74	0.40	66	<10	77	
M180475	0.22	504	107	0.09	86	190	>10000	>10.0	68	0.02	43	<10	>10000	3.62
M180476	1.76	1010	4	2.14	13	1280	566	0.39	108	0.86	146	<10	1665	
M180477	1.16	1005	17	0.64	37	310	>10000	>10.0	60	0.16	49	<10	>10000	
M180478	1.33	867	5	2.33	22	1140	233	0.46	203	0.68	96	<10	652	
M180479	0.22	529	111	0.09	88	180	>10000	>10.0	69	0.02	45	<10	>10000	3.58
M180480	2.91	1385	3	1.94	62	1140	153	0.23	348	0.72	127	<10	599	

Comments: Highly mineralized samples may bias results for some elements

Project: 1638

CERTIFICATE OF ANALYSIS VA04070774

Sample Description	Method Analyte Units LOR	Pb-AA46		Zn-AA46		Hg-CV41		Ag-GRA21		Se-XRF05	
		Pb %	Zn %	Hg ppm	Ag ppm	Se ppm					
M180441		0.01	0.01	0.01	5	2	<2				
M180442				<0.01			<2				
M180443				0.01			<2				
M180444				<0.01			<2				
M180445				0.01			<2				
M180446				<0.01			<2				
M180447				0.01			<2				
M180448				<0.01			<2				
M180449				0.01			<2				
M180450				<0.01			<2				
M180451				<0.01			<2				
M180452				<0.01			<2				
M180453				<0.01			<2				
M180454				<0.01			<2				
M180455				<0.01			<2				
M180456				<0.01			<2				
M180457				<0.01			<2				
M180458				<0.01			<2				
M180459				<0.01			<2				
M180460				<0.01			<2				
M180461				<0.01			<2				
M180462				<0.01			<2				
M180463				<0.01			<2				
M180464				0.01			<2				
M180465				<0.01			<2				
M180466				0.01			<2				
M180467				<0.01			<2				
M180468				<0.01			<2				
M180469				<0.01			<2				
M180470				<0.01			<2				
M180471				<0.01			<2				
M180472				<0.01			<2				
M180473				<0.01			<2				
M180474				<0.01			<2				
M180475		3.06	22.0	5.00		223	<2				
M180476				0.03			<2				
M180477		5.47	13.65	1.34			<2				
M180478				0.01			<2				
M180479		3.02	22.0	5.84		230	<2				
M180480				0.04			<2				

Comments: Highly mineralized samples may bias results for some elements

Project: 1638

CERTIFICATE OF ANALYSIS VA04070774

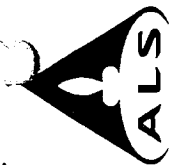
Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AAA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
	M180481	1.02	<0.005	<0.5	7.76	<5	2060	4.4	<2	4.47	<0.5	19	103	66	5.42	2.22
	M180482	1.32	<0.005	<0.5	7.30	<5	760	4.9	<2	2.41	<0.5	14	122	33	4.42	2.40
	M180483	0.38	<0.005	<0.5	8.40	<5	2250	5.2	<2	3.57	<0.5	18	174	52	6.19	3.15
	M180484	2.38	<0.005	<0.5	9.40	<5	1270	3.9	<2	1.60	<0.5	24	108	39	6.55	3.22
	M180485	0.58	<0.005	<0.5	7.77	<5	510	1.1	2	4.30	<0.5	34	146	31	9.00	1.25
	M180486	0.78	<0.005	<0.5	9.89	<5	1180	6.0	2	1.18	<0.5	20	95	28	5.19	2.93
	M180487	0.36	<0.005	<0.5	7.89	<5	130	1.3	3	5.35	<0.5	40	75	64	11.55	0.52
	M180488	1.50	<0.005	<0.5	10.60	<5	850	3.6	<2	1.80	<0.5	22	114	11	5.32	2.26
	M180489	1.08	<0.005	<0.5	9.17	<5	1040	3.3	2	2.07	<0.5	26	92	60	6.81	2.74
	M180490	1.58	<0.005	<0.5	8.82	<5	790	3.2	2	0.45	<0.5	27	134	20	5.27	3.22
	M180491	2.08	<0.005	<0.5	8.55	<5	60	4.4	2	5.66	<0.5	40	164	43	9.32	0.82
	M180492	0.92	<0.005	<0.5	8.62	<5	800	3.5	2	0.62	<0.5	26	120	21	5.19	3.22
	M180493	0.76	<0.005	<0.5	8.23	<5	350	3.5	<2	4.35	<0.5	27	151	25	7.61	1.64
	M180494	0.74	<0.005	<0.5	8.67	<5	790	2.9	<2	1.35	<0.5	15	127	41	4.18	2.18
	M180495	0.96	<0.005	0.5	7.85	10	220	9.7	2	5.70	<0.5	34	116	33	8.22	1.01
	M180496	2.02	<0.005	<0.5	9.97	<5	1270	3.9	2	0.53	<0.5	23	102	36	5.23	3.79
	M180497	2.60	<0.005	<0.5	8.59	<5	1090	6.6	2	0.96	<0.5	22	106	35	5.06	3.28
	M180498	0.46	<0.005	<0.5	8.41	7	170	7.7	<2	5.92	<0.5	30	84	18	8.58	1.43
	M180499	1.58	<0.005	<0.5	8.25	<5	360	8.8	3	0.97	<0.5	1	49	5	0.98	4.08
	M180500	1.08	<0.005	<0.5	7.50	<5	410	8.6	2	0.89	<0.5	3	123	3	0.84	3.86

Project: 1638

CERTIFICATE OF ANALYSIS VA04070774

Sample Description	Method Analyte Units LOR	ME-ICP61														Cu-AA46												
		Mg %	0.01	Min ppm	5	Mo ppm	1	Na %	0.01	NI ppm	1	P ppm	10	Pb ppm	2	Sr ppm	1	Ti %	0.01	V ppm	1	W ppm	10	Zn ppm	2	Cu %	0.01	
M180481		2.45		939		4	1.94		37	1660		35	265		0.64		178		<10		200							
M180482		1.36		682		3	2.24		21	1260		35	184		0.58		106		<10		133							
M180483		2.04		1285		3	1.48		28	1260		21	192		0.91		169		<10		244							
M180484		1.48		1265		1	1.18		39	1060		9	220		0.75		138		<10		94							
M180485		2.63		1485		2	1.19		28	1280		8	506		1.25		275		<10		112							
M180486		1.36		866		1	2.47		49	420		8	305		0.52		99		<10		55							
M180487		2.82		2290		4	1.16		22	3230		22	580		2.10		370		<10		146							
M180488		1.50		628		<1	3.61		46	420		9	621		0.57		115		<10		47							
M180489		1.52		1165		1	1.55		43	1020		4	294		0.86		182		10		71							
M180490		1.09		548		<1	1.57		46	330		5	151		0.47		93		<10		27							
M180491		3.66		2070		1	1.30		38	1220		14	585		1.21		305		<10		112							
M180492		1.02		602		1	2.09		43	270		8	174		0.46		81		<10		31							
M180493		2.63		1120		1	2.05		43	1500		14	540		1.00		206		<10		72							
M180494		1.17		556		1	3.60		40	280		9	400		0.48		85		<10		22							
M180495		3.23		1485		1	1.53		37	1140		14	481		1.16		289		<10		144							
M180496		1.24		615		<1	2.29		57	360		15	202		0.52		114		<10		33							
M180497		1.26		610		1	1.91		46	420		9	272		0.53		112		<10		24							
M180498		3.12		1365		1	1.19		27	1460		10	614		1.32		299		<10		82							
M180499		0.28		232		1	2.84		5	380		57	146		0.12		12		<10		51							
M180500		0.25		208		4	2.86		3	280		73	148		0.10		11		<10		41							

Comments: Highly mineralized samples may bias results for some elements



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EXPATRIATE RESOURCES LTD.
 701-475 HOWE ST
 VANCOUVER BC V6C 2B3

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 Total # Pages: 4 (A - C)
 Finalized Date: 29-OCT-2004
 Account: MPO

Project: 1638

CERTIFICATE OF ANALYSIS VA04070774

Sample Description	Method Analyte Units LOR	Pb-AA46		Zn-AA46		Hg-CV41		Ag-GRA21		ME-XRF05	
		Pb %	Zn %	Hg ppm	Ag ppm	Se ppm	Se ppm	Se ppm	Se ppm		
M180481		0.01	0.01	0.01	5	2	<2				
M180482				0.01			<2				
M180483				0.02			<2				
M180484				<0.01			<2				
M180485				0.01			<2				
M180486				<0.01			<2				
M180487				<0.01			<2				
M180488				<0.01			<2				
M180489				<0.01			<2				
M180490				<0.01			<2				
M180491				<0.01			<2				
M180492				0.01			<2				
M180493				0.01			<2				
M180494				<0.01			<2				
M180495				0.01			<2				
M180496				<0.01			<2				
M180497				<0.01			<2				
M180498				0.01			<2				
M180499				<0.01			<2				
M180500				<0.01			<2				

Comments: Highly mineralized samples may bias results for some elements

CERTIFICATE VA04083188

Project: 1638-D

P.O. No.:

This report is for 50 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 25-NOV-2004.

The following have access to data associated with this certificate:

JASON DUNNING

ACCOUNTS PAYABLE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Ag-GRA21	Ag 30g FA-GRAY finish	WST-SIM
ME-XRF05	Trace Level XRF Analysis	XRF
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	38 element fusion ICP-MS	ICP-MS
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS

To: **EXPATRIATE RESOURCES LTD.**
ATTN: JASON DUNNING
 701-475 HOWE ST
 VANCOUVER BC V6C 2B3

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



CERTIFICATE OF ANALYSIS VA04083188

Sample Description	Method Analyte Units LOR	WEI-21	AU-AA23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61			
		Recvd Wt kg	Au ppm	Ag ppm	AJ %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Pb ppm	Sr ppm	Ta ppm	Tl ppm	Zn ppm	
B001351		2.46	<0.005	<0.5	8.72	20	880	12.8	<2	5.69	<0.5	191	11	8.22	5.61							
B001352		2.60	<0.005	<0.5	8.69	<5	740	20.5	<2	7.17	<0.5	196	5	7.62	5.18							
B001353		1.48	<0.005	<0.5	7.84	<5	50	91.5	<2	0.52	0.5	50	6	0.33	4.99							
B001354		0.22	<0.005	0.6	8.33	<5	1260	15.2	<2	4.23	0.7	23	101	4.58	4.27							
B001355		3.44	<0.005	<0.5	7.14	<5	670	11.4	<2	2.24	0.9	66	12	2.10	4.48							
B001356		1.26	<0.005	<0.5	7.21	5	780	3.9	<2	1.95	0.7	47	29	4.62	4.12							
B001357		0.56	<0.005	<0.5	7.33	5	610	11.2	<2	5.48	<0.5	63	13	7.00	4.16							
B001358		2.28	<0.005	<0.5	6.92	<5	530	8.1	<2	1.98	0.5	58	13	2.82	3.99							
B001359		1.98	<0.005	<0.5	7.04	<5	750	8.2	<2	1.35	0.7	62	19	2.18	4.69							
B001360		3.36	<0.005	<0.5	6.26	<5	570	5.5	<2	1.32	<0.5	64	6	1.26	4.62							
B001361		2.76	<0.005	<0.5	7.15	<5	750	3.9	<2	1.65	0.5	46	8	2.22	4.80							
B001362		1.42	<0.005	<0.5	7.53	<5	850	23.1	<2	2.27	0.6	52	15	3.65	3.96							
B001363		1.28	<0.005	<0.5	8.88	<5	1310	4.7	<2	2.33	0.6	43	6	4.05	4.93							
B001364		0.14	5.86	>100	0.85	254	220	2.2	19	0.13	>500	<1	>10000	15.60	0.30							
B001365		2.60	<0.005	<0.5	8.36	<5	1350	10.3	<2	3.36	1.4	35	45	6.89	5.36							
B001366		1.02	<0.005	<0.5	7.46	<5	870	3.6	<2	1.29	0.5	50	10	2.40	3.31							
B001367		0.38	<0.005	<0.5	8.04	<5	930	17.8	<2	6.56	0.5	170	22	7.20	4.65							
B001368		0.74	<0.005	<0.5	6.88	5	890	8.0	<2	1.85	0.5	50	3	1.67	3.27							
B001369		1.62	<0.005	<0.5	7.05	<5	990	3.9	<2	0.72	<0.5	37	10	3.47	3.68							
B001370		0.68	<0.005	<0.5	7.32	<5	870	6.1	<2	3.47	1.0	131	3	7.38	5.29							
B001371		2.22	<0.005	<0.5	6.70	<5	930	2.5	<2	0.80	<0.5	46	21	2.32	3.23							
B001372		4.30	<0.005	<0.5	7.28	<5	1020	8.6	<2	1.42	0.6	59	20	3.04	3.44							
B001373		1.20	<0.005	<0.5	7.03	<5	40	150.0	<2	0.37	0.5	58	7	0.37	3.66							
B001374		0.86	<0.005	<0.5	6.60	<5	780	5.3	<2	0.46	3.3	49	27	2.33	7.05							
B001375		0.38	<0.005	<0.5	8.96	6	1220	5.5	<2	1.02	<0.5	33	1	10.05	7.05							
B001376		3.46	<0.005	<0.5	7.10	6	850	3.6	<2	0.46	<0.5	39	11	2.63	2.35							
B001377		0.62	<0.005	<0.5	7.45	<5	1300	4.6	<2	1.72	<0.5	29	10	8.81	5.55							
B001378		0.64	<0.005	<0.5	8.26	<5	860	5.0	<2	2.36	1.6	122	2	11.00	5.75							
B001379		2.72	<0.005	<0.5	7.36	61	1020	12.8	<2	0.93	0.6	52	33	2.78	3.83							
B001380		0.60	<0.005	<0.5	7.62	14	1320	6.4	<2	3.00	0.6	24	20	8.36	5.20							
B001381		1.06	<0.005	<0.5	6.83	<5	600	2.8	<2	1.78	<0.5	49	32	3.94	2.62							
B001382		0.84	<0.005	<0.5	7.85	5	920	4.4	<2	4.10	0.6	66	42	8.07	5.29							
B001383		1.30	<0.005	<0.5	7.86	<5	920	6.2	<2	2.29	0.7	61	19	3.41	3.94							
B001384		0.58	<0.005	<0.5	7.50	9	1040	8.7	<2	3.27	<0.5	26	26	8.48	5.00							
B001385		3.78	<0.005	<0.5	7.61	8	1080	8.9	<2	1.88	<0.5	51	13	3.44	3.61							
B001386		1.58	<0.005	<0.5	8.02	<5	1070	7.4	<2	4.16	<0.5	80	18	6.30	5.01							
B001387		2.18	<0.005	<0.5	6.83	8	1000	3.8	<2	1.54	<0.5	40	14	2.71	4.47							
B001388		3.60	<0.005	<0.5	7.46	<5	710	13.1	<2	3.02	<0.5	48	28	4.91	4.43							
B001389		1.44	<0.005	<0.5	7.45	14	630	17.8	<2	5.16	<0.5	73	22	6.85	4.91							
B001390		1.34	<0.005	<0.5	7.35	14	670	14.0	<2	3.09	<0.5	50	18	2.74	4.48							

Comments: Highly mineralized samples may bias results for some elements

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083188

Method Analyte Units LOR	Mg %	Mn ppm	Mo ppm	Na %	NI ppm	P ppm	Pb ppm	S %	Sb ppm	ME-ICP61 %	ME-ICP61 ppm	Sr ppm	TI %	ME-ICP61 ppm	V ppm	W ppm	Zn ppm	Cu %
B001351	3.49	1560	<1	0.33	49	1260	20	0.14	<5	0.01	180	186	1.13	244	10	10	128	
B001352	3.74	1665	<1	0.40	52	830	29	0.02	<5	0.02	236	200	0.92	226	10	10	126	
B001353	0.03	945	2	3.11	4	760	38	0.02	<5	0.02	15	15	0.02	4	10	10	31	
B001354	0.64	1470	<1	1.03	31	840	29	1.26	<5	0.83	141	141	0.83	160	10	10	174	
B001355	0.63	755	3	1.30	8	480	30	0.26	<5	0.26	73	73	0.26	39	<10	<10	175	
B001356	1.48	1020	1	1.05	6	940	16	0.31	<5	0.60	66	66	0.60	80	<10	<10	176	
B001357	2.26	1480	3	0.35	15	1480	15	0.18	<5	1.14	153	153	1.14	218	200	77	77	
B001358	0.90	614	1	1.38	8	590	44	0.11	<5	0.44	69	69	0.44	70	10	10	48	
B001359	0.65	678	2	1.04	8	420	22	0.27	<5	0.33	47	47	0.33	32	10	10	51	
B001360	0.45	384	6	0.32	2	410	21	0.11	<5	0.25	53	53	0.25	50	20	20	11	
B001361	0.77	471	2	0.74	9	460	12	0.05	<5	0.36	62	62	0.36	55	10	10	21	
B001362	0.89	727	1	1.83	3	750	12	0.08	<5	0.53	105	105	0.53	77	10	10	53	
B001363	0.90	952	2	1.52	3	1800	7	0.10	<5	0.81	93	93	0.81	80	<10	<10	15	
B001364	0.04	113	95	0.04	84	20	>10000	>10.0	362	0.01	60	60	0.01	38	10	10	>10000	2.48
B001365	1.42	1335	2	0.72	4	2350	39	0.29	<5	1.06	141	141	1.06	103	10	10	222	
B001366	0.60	495	1	2.18	2	290	13	0.04	<5	0.29	49	49	0.29	26	<10	<10	58	
B001367	2.80	1425	<1	0.42	44	970	26	0.08	<5	1.09	72	72	1.09	279	10	10	104	
B001368	0.59	547	5	2.03	1	280	16	0.03	<5	0.28	68	68	0.28	33	20	20	21	
B001369	0.91	648	3	1.72	3	530	10	0.16	<5	0.42	43	43	0.42	45	<10	<10	95	
B001370	3.87	1780	1	0.28	40	1100	51	0.02	<5	0.99	152	152	0.99	212	<10	<10	276	
B001371	0.58	548	4	2.10	1	310	20	0.26	<5	0.27	50	50	0.27	28	<10	<10	47	
B001372	0.90	670	2	2.21	6	480	55	0.21	<5	0.41	79	79	0.41	56	<10	<10	76	
B001373	0.02	750	<1	3.18	<1	90	40	0.03	<5	0.01	4	4	0.01	2	<10	<10	38	
B001374	0.61	375	2	2.55	2	260	110	0.38	<5	0.23	26	26	0.23	32	<10	<10	96	
B001375	4.75	1230	2	0.12	44	1450	47	0.01	<5	1.33	48	48	1.33	245	10	10	282	
B001376	0.47	356	3	3.18	2	260	9	0.19	<5	0.28	31	31	0.28	23	<10	<10	50	
B001377	2.80	1125	3	0.24	1	2950	40	0.11	<5	1.46	105	105	1.46	172	<10	<10	245	
B001378	4.94	2000	2	0.28	56	1150	529	0.08	<5	1.34	93	93	1.34	275	<10	<10	972	
B001379	0.73	672	3	1.98	3	280	32	0.34	<5	0.31	66	66	0.31	41	<10	<10	122	
B001380	2.27	1395	1	0.53	3	2820	20	0.21	<5	1.42	140	140	1.42	186	<10	<10	159	
B001381	1.12	729	2	2.40	5	760	12	0.30	<5	0.54	72	72	0.54	76	10	10	67	
B001382	3.15	1610	2	0.80	25	1560	26	0.26	<5	1.26	133	133	1.26	247	10	10	167	
B001383	1.03	879	2	1.96	5	500	138	0.17	<5	0.47	95	95	0.47	73	<10	<10	102	
B001384	2.70	1875	4	0.35	4	2350	67	0.24	<5	1.43	150	150	1.43	217	<10	<10	253	
B001385	0.80	679	2	2.21	3	490	15	0.15	<5	0.46	87	87	0.46	61	10	10	40	
B001386	2.27	1175	2	1.00	22	1000	26	0.14	<5	0.94	148	148	0.94	203	10	10	102	
B001387	0.66	605	2	1.18	1	470	23	0.16	<5	0.39	57	57	0.39	47	20	20	25	
B001388	1.26	1100	2	0.97	8	1330	21	0.24	<5	0.74	72	72	0.74	101	10	10	64	
B001389	2.06	1280	1	0.59	21	1460	25	0.16	<5	1.08	130	130	1.08	204	<10	<10	106	
B001390	0.41	1075	5	1.46	13	670	20	0.16	<5	0.41	60	60	0.41	40	10	10	24	

Comments: Highly mineralized samples may bias results for some elements

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083188

Sample Description	Method Analyte Units LOR	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	Hg-CV41 Hg ppm 0.01	Ag-GRA21 Ag ppm 5	Se ME-XRF05 ppm 2	SiO2 ME-ICP06 % 0.01	Al2O3 ME-ICP06 % 0.01	Fe2O3 ME-ICP06 % 0.01	CaO ME-ICP06 % 0.01	MgO ME-ICP06 % 0.01	Na2O ME-ICP06 % 0.01	K2O ME-ICP06 % 0.01	Cr2O3 ME-ICP06 % 0.01	TiO2 ME-ICP06 % 0.01	MnO ME-ICP06 % 0.01
B001351				0.01		<2										
B001352				0.01		<2										
B001353				<0.01		<2										
B001354				<0.01		<2										
B001355				<0.01		<2										
B001356				<0.01		<2										
B001357				<0.01		2										
B001358				<0.01		<2										
B001359				<0.01		<2										
B001360				<0.01		<2										
B001361				<0.01		<2										
B001362				<0.01		<2										
B001363				<0.01		<2										
B001364		3.38	23.2	15.50	184	<2										
B001365				0.01		<2										
B001366				<0.01		<2										
B001367				<0.01		<2										
B001368				<0.01		<2										
B001369				<0.01		<2										
B001370				0.01		<2										
B001371				<0.01		<2										
B001372				<0.01		<2										
B001373				<0.01		<2										
B001374				<0.01		<2										
B001375				<0.01		<2	46.2	14.95	14.00	1.30	7.96	0.17	8.94	0.03	2.25	0.15
B001376				<0.01		<2										
B001377				<0.01		<2										
B001378				0.05		<2										
B001379				<0.01		<2										
B001380				<0.01		<2										
B001381				<0.01		<2										
B001382				<0.01		<2										
B001383				<0.01		<2										
B001384				<0.01		<2										
B001385				<0.01		<2										
B001386				<0.01		<2										
B001387				<0.01		<2										
B001388				<0.01		<2	61.9	12.25	6.94	3.88	2.12	1.36	5.40	0.01	1.29	0.13
B001389				<0.01		<2										
B001390				<0.01		<2										

Comments: Highly mineralized samples may bias results for some elements

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083188

Sample Description	Method Analyte Units LOR	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	
		P205 %	SrO %	BaO %	LOI %	Total %	Ag ppm	Ba ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm			
B001351		0.01	0.01	0.01	0.01	0.01	1	0.5	0.5	10	0.1	5	0.1	0.1	0.1				
B001352																			
B001353																			
B001354																			
B001355																			
B001356																			
B001357																			
B001358																			
B001359																			
B001360																			
B001361																			
B001362																			
B001363																			
B001364																			
B001365																			
B001366																			
B001367																			
B001368																			
B001369																			
B001370																			
B001371																			
B001372																			
B001373																			
B001374																			
B001375		0.33	0.01	0.15	3.31	99.8	<1	1090	46.3	35.5	190	58.4	<5	8.4	4.7	0.7			
B001376																			
B001377																			
B001378																			
B001379																			
B001380																			
B001381																			
B001382																			
B001383																			
B001384																			
B001385																			
B001386																			
B001387																			
B001388		0.29	0.01	0.09	2.19	97.9	<1	690	83.6	14.8	60	40.0	26	8.5	4.8	1.2			
B001389																			
B001390																			

Comments: Highly mineralized samples may bias results for some elements

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083188

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Sm ppm	Sn ppm	0.1	0.2
B001351		1	0.1	1	0.1	2	1	0.5	5	5	5	0.1	0.2	0.1				
B001352																		
B001353																		
B001354																		
B001355																		
B001356																		
B001357																		
B001358																		
B001359																		
B001360																		
B001361																		
B001362																		
B001363																		
B001364																		
B001365																		
B001366																		
B001367																		
B001368																		
B001369																		
B001370																		
B001371																		
B001372																		
B001373																		
B001374																		
B001375		24	6.9	6	1.8	24.0	0.5	<2	28	25.0	58	6.0	325	5.5	4.			
B001376																		
B001377																		
B001378																		
B001379																		
B001380																		
B001381																		
B001382																		
B001383																		
B001384																		
B001385																		
B001386																		
B001387																		
B001388		21	8.9	12	1.7	43.8	0.7	3	35	42.8	15	10.4	224	8.6	15			
B001389																		
B001390																		

Comments: Highly mineralized samples may bias results for some elements

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083188

Method Analyte Units LOR	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zn ppm	ME-MS81 Zr ppm
B001351	0.1	0.5	0.1	1	0.5	0.1	0.5	5	1	0.5	0.1	5	0.5
B001352													
B001353													
B001354													
B001355													
B001356													
B001357													
B001358													
B001359													
B001360													
B001361													
B001362													
B001363													
B001364													
B001365													
B001366													
B001367													
B001368													
B001369													
B001370													
B001371													
B001372													
B001373													
B001374													
B001375	40.5	2.0	1.3	6	0.6	0.7	1.5	267	3	49.6	4.4	232	229
B001376													
B001377													
B001378													
B001379													
B001380													
B001381													
B001382													
B001383													
B001384													
B001385													
B001386													
B001387													
B001388	66.8	6.5	1.4	15	<0.5	0.7	3.7	118	15	50.3	4.8	62	502
B001389													
B001390													

Comments: Highly mineralized samples may bias results for some elements

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083188

Sample Description	Method Analyte Units LOR	WEI-21 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61															
		Au-AA23 Au ppm 0.005	Ag ppm 0.5	Al % 0.01	As ppm 5	Ba ppm 10	Be ppm 0.5	Bi ppm 2	Ca % 0.01	Cd ppm 0.5	Co ppm 1	Cr ppm 1	Cu ppm 1	Fe % 0.01	K % 0.01	ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61 ME-IJCP61	
B001391	0.38	<0.005	<0.5	6.46	20	420	5.2	<2	0.59	<0.5	2	48	13	1.36	4.91		
B001392	0.50	<0.005	<0.5	6.84	<5	40	53.1	4	0.41	<0.5	<1	56	9	0.31	4.71		
B001393	0.36	<0.005	<0.5	6.49	<5	330	7.3	<2	0.80	<0.5	1	47	5	1.08	4.21		
B001394	0.98	<0.005	<0.5	7.12	<5	710	6.9	<2	3.30	<0.5	17	73	8	5.91	4.47		
B001395	1.02	<0.005	<0.5	7.60	16	560	12.6	<2	3.44	<0.5	16	80	16	4.47	4.73		
B001396	1.22	<0.005	<0.5	6.36	<5	400	20.0	<2	1.22	<0.5	4	42	7	2.06	3.70		
B001397	0.70	<0.005	<0.5	7.91	9	540	14.0	<2	3.44	0.6	19	30	15	6.73	5.49		
B001398	2.26	<0.005	<0.5	6.68	32	370	7.3	<2	4.48	<0.5	3	43	9	2.47	4.93		
B001399	3.22	<0.005	<0.5	7.66	<5	380	17.1	<2	2.72	<0.5	9	41	12	3.64	5.32		
B001400	0.44	<0.005	<0.5	7.13	9	40	35.5	<2	0.45	0.5	<1	49	23	0.46	5.02		

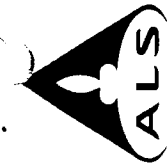
Comments: Highly mineralized samples may bias results for some elements

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083188

Sample Description	Method Analyte Units LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-AA46 Cu % 0.01
B001391		0.21	337	2	1.09	6	120	12	0.12	<5	20	0.11	6	<10	19	
B001392		0.02	923	3	1.90	1	320	54	0.03	<5	18	0.01	2	<10	14	
B001393		0.18	491	1	1.60	<1	140	23	0.07	<5	26	0.09	4	10	11	
B001394		1.81	809	2	1.02	15	970	15	0.08	<5	94	0.74	123	10	134	
B001395		1.42	929	1	1.04	18	710	21	0.12	<5	82	0.65	130	<10	79	
B001396		0.44	384	1	1.64	6	390	15	0.04	<5	47	0.25	28	<10	31	
B001397		1.52	1165	2	1.26	4	2020	34	0.12	<5	119	1.04	126	10	189	
B001398		1.21	1105	1	0.88	4	350	17	0.13	<5	55	0.23	32	10	26	
B001399		0.68	1060	2	0.87	5	970	24	0.17	<5	53	0.51	50	10	40	
B001400		0.03	1100	4	2.61	1	100	74	0.08	<5	11	0.03	3	<10	30	

Comments: Highly mineralized samples may bias results for some elements



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 Total # Pages: 3 (A - F)
 Finalized Date: 9-DEC-2004
 Account: MPO

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083188

Method Analyte Units LOR	Pb-AA46 Pb %	Zn-AA46 Zn %	Hg-CV41 Hg ppm	Ag-GRA21 Ag ppm	Se ppm	ME-XRF05 Se ppm	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %
B001391	0.01	0.01	0.01	5	2	<2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
B001392			<0.01			<2									
B001393			<0.01			<2									
B001394			<0.01			<2									
B001395			<0.01			<2									
B001396			<0.01			<2									
B001397			<0.01			<2									
B001398			<0.01			<2									
B001399			<0.01			<2									
B001400			<0.01			<2	13.45	0.67	0.62	0.06	3.74	6.34	0.01	0.04	0.14

Comments: Highly mineralized samples may bias results for some elements

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083188

Method Analyte Units LOR	Sample Description	ME-ICP06 P205 %	ME-ICP06 SrO %	ME-ICP06 BaO %	ME-ICP06 LOI %	ME-ICP06 Total %	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm
B001391		0.01	0.01	0.01	0.01	0.01	1	0.5	0.5	0.5	10	0.1	5	0.1	0.1	0.1
B001392																
B001393																
B001394																
B001395																
B001396																
B001397																
B001398																
B001399																
B001400		0.01	<0.01	0.01	1.55	99.3	<1	42.5	7.4	0.9	80	43.5	20	1.1	0.4	<0.1

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083188

Method Analyte Units LOR	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm
B001391	1	0.1	1	0.1	0.5	0.1	2	1	0.5	5	5	0.1	0.2	0.1	0.1
B001392															
B001393															
B001394															
B001395															
B001396															
B001397															
B001398															
B001399															
B001400	18	0.7	2	0.1	3.7	<0.1	8	66	2.4	8	54	0.7	658	0.8	11

Comments: Highly mineralized samples may bias results for some elements

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083188

Method Analyte Units LOR	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zn ppm	ME-MS81 Zr ppm
B001391													
B001392													
B001393													
B001394													
B001395													
B001396													
B001397													
B001398													
B001399													
B001400	12.8	45.5	0.2	3	1.7	<0.1	10.9	<5	1	7.5	0.5	31	35.4

CERTIFICATE VA04083187

Project: 1638-D

P.O. No.:

This report is for 50 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 25-NOV-2004.

The following have access to data associated with this certificate:

JASON DUNNING

ACCOUNTS PAYABLE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

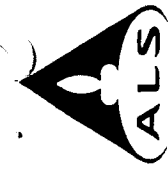
ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Ag-GRA21	Ag 30g FA-GRAY finish	WST-SIM
ME-XRF05	Trace Level XRF Analysis	XRF
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	38 element fusion ICP-MS	ICP-MS
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS

To: YUKON ZINC CORPORATION
 ATTN: JASON DUNNING
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 VANCOUVER BC V6C 2B3

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:





ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY

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 Finalized Date: 22-DEC-2004
 Account: MPO

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
	B001201	1.10	<0.005	<0.5	2.86	<5	1000	1.3	<2	2.19	0.9	4	120	147	1.58	1.27
	B001202	2.72	<0.005	<0.5	7.45	10	1300	2.4	<2	1.51	<0.5	6	44	6	2.83	4.17
	B001203	3.34	<0.005	<0.5	6.60	12	1030	2.4	<2	1.41	<0.5	6	45	8	2.31	4.61
	B001204	4.58	<0.005	<0.5	6.81	<5	1120	2.1	<2	5.79	1.1	13	51	22	3.53	3.73
	B001205	1.82	<0.005	<0.5	7.25	8	970	2.9	<2	2.48	<0.5	8	31	7	3.90	3.81
	B001206	1.42	<0.005	<0.5	7.40	<5	970	2.8	<2	1.91	<0.5	8	37	9	3.82	3.82
	B001207	0.46	<0.005	<0.5	1.42	<5	270	0.6	<2	0.51	<0.5	1	119	2	0.47	0.74
	B001208	0.90	<0.005	<0.5	7.79	<5	990	2.6	<2	3.11	<0.5	15	37	8	5.13	4.59
	B001209	1.42	<0.005	<0.5	6.86	<5	830	2.9	<2	2.55	<0.5	6	36	8	3.51	4.05
	B001210	0.68	<0.005	<0.5	6.71	<5	820	2.3	<2	11.30	<0.5	19	42	18	3.06	3.20
	B001211	1.08	<0.005	<0.5	7.51	<5	790	2.3	<2	3.82	<0.5	15	38	17	4.80	4.07
	B001212	1.38	<0.005	<0.5	7.80	<5	1060	2.4	<2	1.32	<0.5	4	44	5	2.36	4.93
	B001213	0.88	<0.005	<0.5	5.30	<5	700	1.4	<2	1.04	<0.5	4	76	12	2.17	4.13
	B001214	1.10	<0.005	<0.5	7.45	<5	980	3.6	<2	2.11	<0.5	6	40	16	3.74	5.19
	B001215	0.12	4.69	>100	0.79	675	110	2.1	23	0.12	>500	3	<1	>10000	14.25	0.28
	B001216	2.34	<0.005	<0.5	7.30	<5	1060	2.7	<2	1.42	0.9	9	50	21	3.64	3.58
	B001217	3.00	<0.005	<0.5	7.83	<5	960	2.5	<2	1.54	0.5	13	55	9	5.63	3.71
	B001218	2.58	<0.005	<0.5	7.36	<5	770	2.6	<2	3.72	<0.5	21	77	18	5.62	4.28
	B001219	2.24	<0.005	<0.5	6.00	7	500	2.1	<2	0.80	<0.5	2	54	4	1.08	5.75
	B001220	2.44	<0.005	1.5	6.44	<5	1660	2.9	<2	0.32	3.3	2	48	75	1.66	3.91
	B001221	0.94	<0.005	<0.5	2.45	<5	240	1.3	<2	0.02	0.5	1	135	9	0.97	1.31
	B001222	2.68	<0.005	<0.5	6.63	5	490	3.2	<2	0.52	0.7	3	43	23	1.60	3.75
	B001223	2.22	<0.005	<0.5	6.08	<5	850	3.4	<2	1.34	0.7	7	72	31	2.72	3.71
	B001224	0.60	<0.005	<0.5	0.39	<5	60	<0.5	<2	0.58	<0.5	2	144	8	0.57	0.22
	B001225	5.02	<0.005	<0.5	6.78	<5	1120	3.3	<2	0.55	<0.5	4	53	4	2.52	4.56
	B001226	1.08	<0.005	<0.5	6.30	<5	1280	2.6	<2	1.84	<0.5	9	51	50	4.09	4.24
	B001227	0.70	<0.005	<0.5	7.46	<5	1760	6.3	<2	5.62	<0.5	27	146	24	7.66	4.55
	B001228	1.62	<0.005	<0.5	6.63	<5	1880	1.6	<2	0.76	<0.5	3	49	68	1.98	6.01
	B001229	1.62	<0.005	<0.5	6.24	<5	1090	3.5	<2	0.56	<0.5	4	48	2	3.28	4.53
	B001230	2.18	<0.005	<0.5	5.22	<5	630	2.2	<2	0.94	<0.5	2	74	3	1.04	4.70
	B001231	2.74	<0.005	<0.5	6.32	<5	670	6.2	<2	2.02	<0.5	3	66	13	2.57	5.17
	B001232	0.14	2.51	95.0	0.67	231	100	1.9	<2	0.22	>500	1	<1	>10000	14.85	0.26
	B001233	1.10	<0.005	<0.5	4.82	<5	500	3.4	<2	2.50	0.6	3	51	15	1.72	4.26
	B001234	2.32	<0.005	<0.5	5.97	11	550	4.5	<2	2.96	0.5	2	48	16	3.18	5.36
	B001235	3.26	<0.005	<0.5	6.53	<5	390	5.7	<2	1.90	<0.5	12	81	27	4.69	4.92
	B001236	1.64	<0.005	<0.5	6.77	<5	690	5.6	<2	4.65	<0.5	16	24	15	5.32	5.09
	B001237	2.80	<0.005	<0.5	6.23	<5	920	2.7	<2	0.91	<0.5	4	45	9	2.97	5.22
	B001238	1.42	<0.005	<0.5	5.95	8	910	3.6	<2	0.88	<0.5	1	61	5	2.02	5.27
	B001239	2.44	<0.005	<0.5	6.57	17	930	5.6	<2	1.71	<0.5	3	57	6	2.66	5.33
	B001240	2.98	<0.005	<0.5	6.03	<5	790	4.5	<2	0.93	<0.5	2	44	4	1.86	4.83

Comments: NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Method Analyte Units LOR	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sr ppm	ME-ICP61 Tl %	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	Cu-AA46 Cu %
B001201	1.64	219	5	0.08	42	4060	15	0.04	<5	90	0.13	190	<10	186	0.01
B001202	0.83	500	1	1.23	8	800	16	0.07	<5	76	0.38	36	<10	23	0.01
B001203	0.80	419	<1	1.07	2	510	20	0.16	<5	62	0.27	35	<10	37	0.01
B001204	1.48	834	<1	0.93	14	780	17	0.11	<5	175	0.49	91	<10	224	0.01
B001205	0.61	861	<1	1.47	3	1430	22	0.06	<5	91	0.50	48	<10	83	0.01
B001206	0.68	472	<1	1.98	6	980	25	0.04	<5	86	0.51	58	<10	98	0.01
B001207	0.09	106	<1	0.23	2	110	3	<0.01	<5	27	0.05	8	<10	8	0.01
B001208	0.99	955	<1	1.24	4	1680	10	0.05	<5	116	0.95	148	<10	85	0.01
B001209	0.54	735	<1	1.42	1	790	10	0.07	<5	70	0.42	29	<10	50	0.01
B001210	0.52	1425	<1	1.45	16	1080	17	0.10	<5	255	0.70	121	<10	39	0.01
B001211	1.14	725	<1	1.47	8	900	24	0.12	<5	95	0.57	90	<10	120	0.01
B001212	0.38	328	<1	1.88	1	550	12	0.04	<5	47	0.29	26	<10	35	0.01
B001213	0.35	326	<1	0.72	1	560	22	0.04	<5	38	0.22	20	<10	29	0.01
B001214	0.61	455	1	0.97	2	810	15	0.09	<5	57	0.42	40	<10	64	0.01
B001215	0.03	98	85	0.04	74	30	>10000	>10.0	306	70	0.01	37	<10	>10000	2.44
B001216	1.37	460	1	1.64	7	660	47	0.08	<5	75	0.47	75	<10	204	0.01
B001217	1.74	634	1	1.96	8	950	16	0.06	<5	89	0.71	104	<10	117	0.01
B001218	1.84	901	<1	1.02	22	1430	19	0.16	<5	144	0.90	167	<10	94	0.01
B001219	0.19	315	2	0.54	3	300	21	0.42	<5	29	0.12	12	<10	8	0.01
B001220	0.34	261	3	0.20	2	140	563	0.21	<5	30	0.15	15	<10	416	0.01
B001221	0.14	66	4	0.02	5	50	16	0.05	<5	6	0.07	44	<10	52	0.01
B001222	0.42	272	3	0.04	2	130	23	0.20	<5	18	0.17	13	<10	106	0.01
B001223	1.01	351	2	0.47	5	390	14	0.10	<5	43	0.27	47	<10	174	0.01
B001224	0.10	99	<1	0.01	5	50	<2	0.02	<5	10	0.05	5	<10	19	0.01
B001225	0.59	235	1	1.57	4	260	11	0.05	<5	53	0.26	16	<10	27	0.01
B001226	0.65	675	1	0.26	3	750	8	0.30	<5	36	0.55	69	<10	9	0.01
B001227	3.13	1235	<1	0.14	35	730	12	0.13	<5	142	0.92	208	20	55	0.01
B001228	0.44	377	3	0.21	1	320	11	0.14	<5	48	0.23	22	10	6	0.01
B001229	0.85	232	1	0.85	<1	290	21	0.03	<5	25	0.29	25	<10	88	0.01
B001230	0.19	430	2	0.80	3	140	12	0.05	<5	38	0.14	5	<10	11	0.01
B001231	0.43	1000	3	0.64	<1	140	17	0.42	<5	43	0.17	11	<10	16	0.01
B001232	0.04	164	129	0.03	111	10	>10000	>10.0	70	63	0.01	51	<10	>10000	2.25
B001233	0.13	942	2	0.18	3	170	23	0.10	<5	40	0.13	18	<10	94	0.01
B001234	0.41	1215	2	0.27	<1	140	33	0.23	<5	43	0.13	14	<10	85	0.01
B001235	0.63	1200	2	0.18	11	930	14	0.18	<5	33	0.54	64	20	20	0.01
B001236	0.79	1805	3	0.19	18	1010	16	0.08	<5	59	0.56	52	10	18	0.01
B001237	0.25	881	2	0.54	4	270	12	0.22	<5	29	0.25	22	<10	20	0.01
B001238	0.18	601	1	0.70	<1	150	10	0.03	<5	34	0.17	5	<10	19	0.01
B001239	0.36	749	2	0.92	5	200	10	0.06	<5	66	0.21	10	<10	15	0.01
B001240	0.19	556	2	0.85	3	150	10	0.05	<5	29	0.17	5	10	7	0.01

Comments: NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Sample Description	Method Analyte Units LOR	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	Hg-CV41 Hg ppm 5	Ag-GRA21 Ag ppm 5	ME-XRF05 Se ppm 2	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.01	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01
B001201				<0.01		3										
B001202				<0.01		<2										
B001203				<0.01		<2										
B001204				<0.01		<2										
B001205				<0.01		<2	63.2	13.65	6.11	3.56	1.21	2.23	5.13	0.01	0.94	0.12
B001206				<0.01		<2										
B001207				<0.01		<2										
B001208				<0.01		<2										
B001209				<0.01		<2										
B001210				<0.01		<2										
B001211				<0.01		<2										
B001212				<0.01		<2										
B001213				<0.01		<2										
B001214				<0.01		<2										
B001215		3.39	23.5		173	NSS										
B001216				<0.01		<2										
B001217				<0.01		<2										
B001218				<0.01		<2										
B001219				<0.01		<2	73.1	10.85	1.59	1.09	0.36	0.78	7.93	0.01	0.27	0.04
B001220				0.09		<2										
B001221				<0.01		<2										
B001222				<0.01		<2										
B001223				0.01		<2										
B001224				<0.01		<2										
B001225				<0.01		<2										
B001226				<0.01		<2										
B001227				<0.01		<2	45.6	13.85	11.95	8.08	5.92	0.19	6.53	0.03	1.71	0.17
B001228				<0.01		<2										
B001229				<0.01		<2										
B001230				<0.01		<2	76.9	9.54	1.50	1.29	0.34	1.13	5.84	0.01	0.24	0.05
B001231				<0.01		<2										
B001232		1.25	20.3	2.37		15										
B001233				0.03		<2										
B001234				0.01		<2										
B001235				0.01		<2										
B001236				0.01		<2										
B001237				0.01		<2										
B001238				<0.01		<2										
B001239				<0.01		<2										
B001240				<0.01		<2										

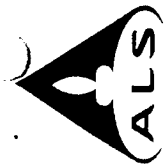
Comments: NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Method Analyte Units LOR	Sample Description	ME-ICP06		ME-ICP06		ME-ICP06		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81	
		P205 %	SrO %	BaO %	LOI %	Total %	Ag ppm	Ba ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	ME-MS81 ppm
	B001201	0.01	0.01	0.13	3.35	100.0	<1	981	171.5	8.6	50	4.2	5	11.2	5.6	2.9	
	B001202																
	B001203																
	B001204																
	B001205																
	B001206																
	B001207																
	B001208																
	B001209																
	B001210																
	B001211																
	B001212																
	B001213																
	B001214																
	B001215																
	B001216																
	B001217																
	B001218																
	B001219	0.06	<0.01	0.06	2.78	98.9	<1	554	90.6	3.2	90	4.6	<5	6.7	3.8	0.7	
	B001220																
	B001221																
	B001222																
	B001223																
	B001224																
	B001225																
	B001226																
	B001227	0.21	0.02	0.24	5.87	100.5	<1	1935	48.4	34.7	250	85.0	25	6.0	3.4	1.2	
	B001228																
	B001229																
	B001230	<0.01	0.01	0.07	2.13	99.0	<1	562	87.4	1.8	90	7.8	<5	5.5	3.1	1.0	
	B001231																
	B001232																
	B001233																
	B001234																
	B001235																
	B001236																
	B001237																
	B001238																
	B001239																
	B001240																

Comments: NSS is non-sufficient sample.



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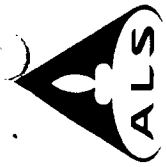
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CERTIFICATE OF ANALYSIS VA04083187

Method Analyte Units LOR	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm
B001201															
B001202															
B001203															
B001204															
B001205															
B001206	23	11.9	16	1.7	88.4	0.6	3	41	72.3	10	18	19.0	128.0	14.7	4
B001207															
B001208															
B001209															
B001210															
B001211															
B001212															
B001213															
B001214															
B001215															
B001216															
B001217															
B001218															
B001219	17	7.4	5	1.5	44.6	0.6	4	21	35.6	11	13	9.7	211	7.2	8
B001220															
B001221															
B001222															
B001223															
B001224															
B001225															
B001226															
B001227	21	6.2	5	1.4	23.2	0.5	2	22	26.0	54	16	6.0	262	5.8	6
B001228															
B001229															
B001230	12	6.6	8	1.1	44.4	0.5	3	22	36.2	9	16	9.5	99.0	7.1	5
B001231															
B001232															
B001233															
B001234															
B001235															
B001236															
B001237															
B001238															
B001239															
B001240															

Comments: NSS is non-sufficient sample.



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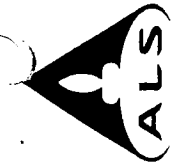
Method Analyte Units LOR	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zn ppm	ME-MS81 Zr ppm
B001201													
B001202													
B001203													
B001204													
B001205	94.4	2.4	1.7	28	<0.5	0.6	3.1	51	1	50.1	5.2	76	611
B001206													
B001207													
B001208													
B001209													
B001210													
B001211													
B001212													
B001213													
B001214													
B001215													
B001216													
B001217													
B001218													
B001219													
B001220	29.4	1.6	1.3	25	<0.5	0.6	5.7	14	1	45.1	3.7	13	198.5
B001221													
B001222													
B001223													
B001224													
B001225													
B001226													
B001227	137.0	1.5	1.0	5	<0.5	0.5	1.6	251	28	38.7	3.3	64	240
B001228													
B001229													
B001230	33.3	1.6	0.9	17	<0.5	0.5	4.4	<5	2	31.7	3.2	14	316
B001231													
B001232													
B001233													
B001234													
B001235													
B001236													
B001237													
B001238													
B001239													
B001240													

Comments: NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
B001241		1.56	0.019	<0.5	7.11	<5	970	6.4	<2	1.13	<0.5	10	56	11	5.32	0.01
B001242		1.06	<0.005	<0.5	7.02	<5	780	6.0	<2	1.14	<0.5	9	46	6	3.47	4.68
B001243		0.84	<0.005	<0.5	9.33	12	970	11.1	<2	3.58	<0.5	40	82	26	7.08	5.66
B001244		0.12	4.70	>100	1.09	189	50	2.1	18	1.69	>500	2	<1	>10000	15.25	6.24
B001245		1.40	<0.005	<0.5	8.67	<5	1120	7.8	<2	5.83	1.2	23	95	72	7.85	0.33
B001246		2.32	<0.005	<0.5	7.10	<5	980	3.6	<2	2.09	0.8	15	60	47	5.39	5.41
B001247		2.34	<0.005	<0.5	6.72	8	940	3.1	<2	1.91	0.5	18	78	29	5.79	7.00
B001248		1.34	<0.005	<0.5	6.47	10	840	2.6	<2	1.38	<0.5	4	73	15	2.63	5.23
B001249		0.52	<0.005	<0.5	6.67	7	110	50.9	<2	0.32	<0.5	<1	55	2	0.41	5.30
B001250		2.04	<0.005	<0.5	7.44	10	890	16.6	<2	1.76	0.6	14	92	53	4.55	4.04
																4.94



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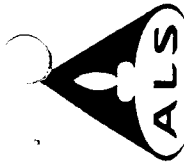
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Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Sample Description	Method Analyte Units LOR	ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61	
		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm	Cu %							
B001241		0.66	1125	3	0.25	12	10	0.31	<5	34	0.58	140	10	32									
B001242		0.58	748	2	0.25	6	18	0.12	<5	28	0.43	63	10	20									
B001243		1.12	1810	1	0.28	25	9	0.34	<5	56	1.76	325	20	45									
B001244		0.20	497	106	0.09	78	>10000	>10.0	259	65	0.02	46	20	>10000									
B001245		0.85	2030	1	0.43	14	74	0.86	<5	97	1.38	280	20	288									
B001246		0.54	1450	1	0.25	13	105	1.16	<5	40	0.60	91	10	190									
B001247		0.66	1240	1	0.22	6	74	1.04	<5	52	0.80	127	<10	210									
B001248		0.32	719	1	0.43	2	29	0.44	<5	93	0.21	31	<10	148									
B001249		0.03	1035	1	3.00	1	31	0.01	<5	9	0.02	5	<10	19									
B001250		0.46	826	1	0.36	9	103	1.11	<5	64	0.59	100	<10	218									

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA04083187

Sample Description	Method Analyte Units LOR	Pb-AA46	Zn-AA46	Hg-CV41	Ag-GRA21	ME-XRF05	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
		Pb %	Zn %	Hg ppm	Ag ppm	Se ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	MnO %	
B001241		0.01	0.01	0.01	5	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
B001242				<0.01		<2												
B001243				<0.01		<2												
B001244		3.04	20.9	0.01	NSS	<2	50.3	15.00	11.55	8.07	1.53	0.56	6.46	0.02	2.46	0.29		
B001245				13.80		<2												
B001246				0.01		<2												
B001247				0.01		<2												
B001248				0.01		<2												
B001249				<0.01		<2												
B001250				0.01		<2												

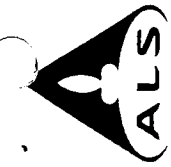
Comments: NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Sample Description	Method Analyte Units LOR	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		P2O5 %	SrO %	BaO %	LOI %	Total %	Ag ppm	Ba ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm
B001241		0.01	0.01	0.01	0.01	0.01	0.5	0.5	0.5	10	0.1	5	0.1	0.1	0.1	0.1
B001242																
B001243																
B001244																
B001245																
B001246		0.45	0.01	0.13	3.06	99.9	944	77.1	26.0	120	37.5	25	10.3	5.7	2.3	
B001247																
B001248																
B001249																
B001250																

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA04083187

Method Analyte Units LOR	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm
B001241	1	0.1	1	0.1	0.5	0.1	2	1	0.5	5	5	0.1	0.2	0.1	1
B001242															
B001243															
B001244															
B001245	28	9.8	9	2.0	39.5	0.7	2	33	42.9	24	21	10.1	190.0	9.9	33
B001246															
B001247															
B001248															
B001249															
B001250															

Comments: NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083187

Sample Description	Method Analyte Units LOR	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zn ppm	ME-MS81 Zr ppm
B001241		0.1	0.5	0.1	1	0.5	0.1	0.5	5	1	0.5	0.1	5	0.5
B001242														
B001243														
B001244														
B001245														
B001246		85.0	2.1	1.6	8	<0.5	0.7	1.7	301	20	55.1	5.8	61	343
B001247														
B001248														
B001249														
B001250														

Comments: NSS is non-sufficient sample.

CERTIFICATE VA04083186

Project: 1638-D
 P.O. No.:
 This report is for 82 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 25-NOV-2004.
 The following have access to data associated with this certificate:
 JASON DUNNING ACCOUNTS PAYABLE

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulvenize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
ME-XRF05	Trace Level XRF Analysis	XRF
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	38 element fusion ICP-MS	ICP-MS
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS

To: YUKON ZINC CORPORATION
 ATTN: ACCOUNTS PAYABLE
 701-475 HOWE ST
 VANCOUVER BC V6C 2B3

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083186

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 BI ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
B000701		0.24	<0.005	<0.5	7.15	<5	470	4.3	<2	1.30	<0.5	23	39	29	9.61	5.28
B000702		3.46	<0.005	<0.5	6.65	<5	580	5.8	<2	0.56	<0.5	1	71	9	2.26	3.92
B000703		0.70	<0.005	<0.5	8.78	<5	680	6.3	<2	4.86	<0.5	32	180	24	6.79	6.00
B000704		0.60	<0.005	<0.5	5.07	<5	570	1.6	<2	0.53	<0.5	3	88	9	1.80	2.43
B000705		2.12	<0.005	<0.5	7.95	<5	790	3.2	<2	3.64	<0.5	33	176	76	7.97	5.76
B000706		1.82	<0.005	<0.5	7.09	<5	1360	2.0	<2	0.94	<0.5	7	119	18	3.29	3.82
B000707		0.76	<0.005	<0.5	5.75	<5	580	6.0	<2	6.91	<0.5	43	364	65	8.39	4.09
B000708		1.52	<0.005	<0.5	6.61	<5	1550	2.2	<2	0.83	<0.5	9	76	58	3.32	4.69
B000709		1.20	<0.005	<0.5	7.27	<5	1080	5.2	<2	5.31	<0.5	36	105	65	7.42	5.41
B000710		0.18	<0.005	<0.5	5.57	<5	1330	4.1	<2	3.68	<0.5	22	156	31	5.21	3.67
B000711		2.40	<0.005	<0.5	7.29	<5	1080	3.1	<2	4.16	<0.5	38	143	34	7.79	5.81
B000712		0.18	<0.005	<0.5	5.24	<5	500	2.8	<2	1.27	<0.5	10	182	93	2.31	2.95
B000713		0.92	<0.005	<0.5	6.78	<5	640	2.2	<2	2.80	<0.5	36	174	221	8.13	5.29
B000714		0.56	<0.005	<0.5	6.09	6	1000	1.8	<2	1.30	<0.5	7	78	23	1.83	4.11
B000715		0.44	<0.005	<0.5	8.09	<5	750	2.0	<2	2.57	<0.5	34	202	25	8.35	5.66
B000716		0.26	<0.005	<0.5	0.87	<5	140	<0.5	<2	0.38	<0.5	2	144	2	0.75	0.58
B000717		3.66	<0.005	<0.5	7.46	<5	750	2.7	<2	3.66	<0.5	33	163	29	6.57	5.18
B000718		3.26	<0.005	<0.5	7.90	<5	870	2.9	<2	3.66	<0.5	30	209	50	6.02	5.52
B000719		1.40	<0.005	<0.5	6.63	7	780	1.9	<2	0.82	<0.5	4	77	36	2.55	2.67
B000720		0.56	<0.005	<0.5	7.38	<5	1260	3.4	<2	5.37	<0.5	39	254	86	7.21	4.68
B000721		1.54	<0.005	<0.5	7.21	<5	710	4.8	<2	1.50	<0.5	8	57	21	3.16	4.12
B000722		0.72	<0.005	<0.5	7.32	<5	50	18.3	3	0.56	<0.5	1	54	2	0.38	4.28
B000723		1.46	<0.005	<0.5	6.70	10	520	14.1	<2	3.28	<0.5	11	87	9	2.81	4.31
B000724		3.04	<0.005	<0.5	7.60	7	350	6.1	<2	4.02	<0.5	11	72	19	4.23	3.85
B000725		0.72	<0.005	<0.5	6.67	<5	340	10.1	<2	6.73	<0.5	35	221	1	6.50	4.83
B000726		0.82	<0.005	<0.5	6.09	<5	330	10.8	<2	2.83	<0.5	5	69	11	2.38	3.56
B000727		0.48	<0.005	<0.5	6.89	<5	10	14.6	<2	0.48	<0.5	<1	53	2	0.35	3.68
B000728		1.78	<0.005	<0.5	6.97	<5	440	7.2	<2	1.77	<0.5	7	76	14	2.93	4.23
B000729		2.34	<0.005	<0.5	0.36	<5	40	<0.5	<2	0.08	<0.5	1	2	1	0.36	0.22
B000730		1.08	<0.005	<0.5	6.44	<5	740	3.7	<2	1.36	<0.5	15	84	12	4.38	3.85
B000731		3.98	<0.005	<0.5	7.33	<5	860	3.4	<2	2.33	<0.5	14	67	18	4.98	3.66
B000732		0.48	<0.005	<0.5	6.74	<5	1110	3.0	<2	1.20	<0.5	6	58	7	3.06	2.42
B000733		1.94	<0.005	<0.5	7.01	<5	670	2.8	<2	2.46	<0.5	12	78	77	3.90	3.01
B000734		0.14	4.56	>100	0.78	612	200	2.0	11	0.12	>500	4	<1	>10000	14.00	0.28
B000735		0.34	0.038	59.9	4.52	<5	300	4.7	280	1.58	423	66	29	2890	16.90	2.31
B000736		0.16	2.33	>100	0.68	230	160	1.9	<2	0.23	>500	3	<1	>10000	15.70	0.25
B000737		2.26	0.018	0.9	5.62	<5	390	1.1	2	1.65	46.3	21	61	1055	5.50	2.74
B000738		3.22	<0.005	0.5	8.14	23	1630	3.5	<2	5.03	1.5	23	113	92	5.25	2.79
B000739		1.24	<0.005	<0.5	7.00	<5	1180	6.3	<2	3.55	0.5	18	79	50	4.88	3.05
B000740		0.94	<0.005	<0.5	6.98	<5	90	9.7	<2	0.58	<0.5	1	60	4	0.48	3.45

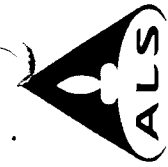
Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083186

Sample Description	Method Analyte Units LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-AA46 Cu % 0.01
B000701		3.57	873	<1	0.35	17	1720	57	0.67	<5	25	1.66	307	<10	334	
B000702		0.69	278	1	1.55	16	200	17	0.23	<5	37	0.18	14	<10	64	
B000703		3.91	969	<1	0.27	77	860	19	0.07	<5	176	0.94	242	<10	146	
B000704		0.72	188	<1	1.53	4	180	9	0.18	<5	43	0.16	25	<10	36	
B000705		4.63	977	<1	0.19	104	950	11	0.23	<5	90	0.96	233	<10	181	
B000706		1.44	455	<1	1.54	39	370	6	0.26	<5	48	0.31	65	<10	68	
B000707		5.52	2560	<1	0.15	469	1160	10	0.35	<5	97	0.98	190	<10	265	
B000708		1.43	498	3	0.63	5	500	7	0.14	<5	51	0.34	104	10	97	
B000709		3.90	1910	<1	0.26	42	900	19	0.16	<5	152	0.87	217	10	256	
B000710		2.58	1150	1	0.14	36	520	12	0.07	<5	154	0.50	150	<10	239	
B000711		4.42	1690	<1	0.41	74	920	17	0.14	<5	137	0.95	250	<10	259	
B000712		0.91	286	7	0.82	45	210	12	0.30	<5	88	0.17	32	<10	48	
B000713		4.77	901	1	0.17	88	1160	6	0.24	<5	53	1.12	270	<10	221	
B000714		1.17	244	1	0.20	4	190	4	0.12	<5	49	0.15	54	<10	32	
B000715		5.80	778	<1	0.18	62	760	9	0.04	<5	67	0.96	244	<10	167	
B000716		0.37	84	<1	0.03	6	70	3	0.01	<5	17	0.07	23	<10	14	
B000717		4.74	826	<1	0.20	59	760	3	0.04	<5	99	0.80	213	<10	154	
B000718		3.96	953	1	0.59	114	620	14	0.07	<5	144	0.72	180	<10	177	
B000719		1.00	405	1	2.31	24	230	9	0.29	<5	43	0.25	21	<10	59	
B000720		4.23	1375	<1	0.29	168	590	8	0.05	<5	215	0.79	210	<10	155	
B000721		1.16	553	4	0.63	6	780	15	0.35	<5	97	0.38	40	<10	92	
B000722		0.07	431	<1	2.70	1	240	43	0.01	<5	37	0.02	3	<10	17	
B000723		0.85	684	2	0.83	20	440	12	0.07	<5	101	0.42	71	20	66	
B000724		1.15	903	3	1.49	12	830	19	0.15	<5	94	0.57	62	<10	127	
B000725		2.84	1080	<1	0.37	56	530	25	<0.01	<5	154	0.67	202	<10	221	
B000726		0.82	375	7	0.64	<1	520	21	0.03	<5	65	0.34	51	10	89	
B000727		0.04	368	<1	2.55	1	140	38	0.01	<5	13	0.02	1	<10	27	
B000728		1.18	349	2	0.94	9	380	23	0.08	<5	69	0.30	49	<10	70	
B000729		0.12	29	<1	0.04	<1	100	<2	0.01	<5	3	0.05	5	<10	8	
B000730		1.85	698	2	1.51	12	890	35	0.30	<5	74	0.59	99	<10	100	
B000731		1.73	792	1	1.93	5	950	27	0.09	<5	99	0.64	102	<10	118	
B000732		0.62	442	2	3.00	1	350	20	0.06	<5	92	0.36	48	<10	75	
B000733		1.47	770	2	1.89	10	770	51	0.22	<5	102	0.57	102	<10	144	
B000734		0.03	91	85	0.04	70	20	>10000	>10.0	313	59	0.01	37	10	>10000	2.47
B000735		1.48	1070	19	0.49	20	440	>10000	>10.0	<5	78	0.24	61	<10	>10000	
B000736		0.04	171	132	0.03	108	30	>10000	>10.0	64	70	0.01	51	<10	>10000	2.32
B000737		0.95	636	3	0.94	6	700	300	1.85	<5	125	0.23	54	<10	>10000	
B000738		2.28	1035	4	1.48	47	1240	95	0.39	<5	330	0.68	164	40	550	
B000739		1.92	1020	1	1.88	28	1200	21	0.20	<5	250	0.72	157	<10	217	
B000740		0.08	241	<1	2.71	<1	260	62	0.02	<5	49	0.04	3	<10	58	

Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA04083186

Sample Description	Method Analyte Units LOR	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	Hg-CV41 Hg ppm 0.01	As-GRA21 As ppm 5	Se ppm 2	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	ME-ICP06 MnO % 0.01	ME-ICP06 MnO % 0.01
B000701				<0.01			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
B000702				<0.01													
B000703				<0.01													
B000704				<0.01													
B000705				<0.01													
B000706				<0.01													
B000707				<0.01													
B000708				<0.01													
B000709				<0.01													
B000710				<0.01													
B000711				<0.01													
B000712				<0.01													
B000713				<0.01													
B000714				<0.01													
B000715				<0.01													
B000716				<0.01													
B000717				<0.01													
B000718				<0.01													
B000719				0.01													
B000720				<0.01													
B000721				<0.01													
B000722				<0.01													
B000723				<0.01													
B000724				<0.01													
B000725				<0.01													
B000726				<0.01													
B000727				<0.01													
B000728				<0.01													
B000729				<0.01			58.5	13.20	10.25	2.14	4.48	1.32	6.00	0.01	1.73	0.07	
B000730				<0.01			64.3	12.30	6.81	1.96	3.46	2.12	4.91	0.02	1.15	0.09	
B000731				<0.01													
B000732				<0.01													
B000733				<0.01													
B000734		3.31	23.8	14.05	166	NSS											
B000735		2.31	10.90	0.58	4	4											
B000736		1.24	20.8	2.93	96	15											
B000737			1.24	0.03		10											
B000738				0.01		<2											
B000739				<0.01		<2											
B000740				<0.01		<2											

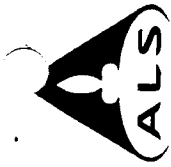
Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA04083186

Sample Description	Method Analyte Units LOR	ME-ICP06 P205 %	ME-ICP06 SrO %	ME-ICP06 BaO %	ME-ICP06 LOI %	ME-ICP06 Total %	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm
B000701		0.01	0.01	0.01	0.01	0.01	1	0.5	0.5	0.5	10	0.1	5	0.1	0.1	0.1
B000702																
B000703																
B000704																
B000705																
B000706																
B000707																
B000708																
B000709																
B000710																
B000711																
B000712																
B000713																
B000714																
B000715																
B000716																
B000717																
B000718																
B000719																
B000720																
B000721																
B000722																
B000723																
B000724																
B000725																
B000726																
B000727																
B000728																
B000729		0.50	0.01	0.11	1.62	99.9	<1	858	108.0	19.0	50	10.1	17	12.6	6.8	2.9
B000730		0.21	0.01	0.10	1.60	99.0	<1	786	76.4	17.2	120	16.2	13	7.2	4.1	0.8
B000731																
B000732																
B000733																
B000734																
B000735																
B000736																
B000737																
B000738																
B000739																
B000740																

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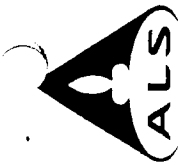
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CERTIFICATE OF ANALYSIS VA04083186

Sample Description	Method Analyte Units LOR	ME-MS81 Ga ppm 1	ME-MS81 Gd ppm 0.1	ME-MS81 Hf ppm 1	ME-MS81 Ho ppm 0.1	ME-MS81 La ppm 0.5	ME-MS81 Lu ppm 0.1	ME-MS81 Mo ppm 2	ME-MS81 Nb ppm 1	ME-MS81 Nd ppm 0.5	ME-MS81 Ni ppm 5	ME-MS81 Pb ppm 5	ME-MS81 Pr ppm 0.1	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.1	ME-MS81 Sn ppm 1
B000701																
B000702																
B000703																
B000704																
B000705																
B000706																
B000707																
B000708																
B000709																
B000710																
B000711																
B000712																
B000713																
B000714																
B000715																
B000716																
B000717																
B000718																
B000719																
B000720																
B000721																
B000722																
B000723																
B000724																
B000725																
B000726																
B000727																
B000728																
B000729																
B000730		25	11.2	12	2.4	51.2	1.0	4	41	53.6	15	29	12.8	193.0	12.3	8
B000731		21	8.1	6	1.6	39.8	0.6	3	25	38.1	24	45	9.4	183.5	7.5	7
B000732																
B000733																
B000734																
B000735																
B000736																
B000737																
B000738																
B000739																
B000740																

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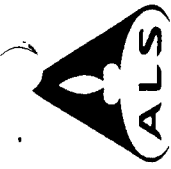
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Sample Description	Method Analyte Units LOR	ME-MS81														
		Sr ppm	Ta ppm	Tb ppm	Th ppm	Tl ppm	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	ME-MS81	
B000701		0.1	0.5	0.1	1	0.5	0.1	0.5	5	1	0.5	0.1	5		0.5	
B000702																
B000703																
B000704																
B000705																
B000706																
B000707																
B000708																
B000709																
B000710																
B000711																
B000712																
B000713																
B000714																
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B000719																
B000720																
B000721																
B000722																
B000723																
B000724																
B000725																
B000726																
B000727																
B000728																
B000729			2.7	1.8	13	<0.5	1.0	2.9	120	3	71.4	6.9	146	496		
B000730			74.2	2.2	17	<0.5	0.7	4.8	118	2	46.6	4.0	99	237		
B000731																
B000732																
B000733																
B000734																
B000735																
B000736																
B000737																
B000738																
B000739																
B000740																

Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.



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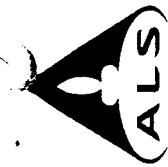
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CERTIFICATE OF ANALYSIS VA04083186

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
B000741		0.42	<0.005	0.6	7.21	5	640	5.2	<2	2.74	<0.5	23	87	24	6.46	2.55
B000742		0.20	<0.005	<0.5	7.34	<5	140	304	<2	1.33	<0.5	7	73	2	1.88	1.78
B000743		2.86	<0.005	<0.5	7.47	<5	810	5.7	<2	2.33	<0.5	25	86	30	5.88	2.32
B000744		2.00	<0.005	<0.5	8.49	<5	1050	4.2	<2	2.77	<0.5	31	108	42	7.23	2.47
B000745		0.90	<0.005	<0.5	6.80	<5	50	9.4	<2	0.59	<0.5	1	54	3	0.38	2.65
B000746		2.02	<0.005	<0.5	9.55	<5	980	5.0	<2	1.51	<0.5	25	91	43	5.78	3.15
B000747		0.94	<0.005	<0.5	7.94	14	270	2.6	<2	6.09	<0.5	34	78	33	9.10	0.88
B000748		0.78	<0.005	<0.5	7.69	<5	160	11.5	<2	1.42	<0.5	5	51	7	1.70	2.79
B000749		2.18	<0.005	<0.5	9.14	<5	840	3.4	<2	2.18	<0.5	28	76	23	5.94	3.04
B000750		3.16	<0.005	<0.5	8.44	<5	920	3.8	<2	0.50	<0.5	23	89	30	4.68	3.05
B000751		2.08	<0.005	<0.5	9.16	16	980	3.4	<2	0.97	<0.5	24	82	29	4.84	3.38
B000752		0.22	<0.005	<0.5	7.71	<5	190	22.5	<2	1.26	<0.5	6	56	21	1.84	3.59
B000753		1.10	<0.005	<0.5	7.15	<5	720	3.7	<2	2.52	<0.5	13	46	25	4.09	2.88
B000754		1.16	<0.005	<0.5	6.72	<5	540	2.5	<2	1.95	<0.5	9	67	11	3.61	2.68
B000755		1.70	<0.005	<0.5	7.08	<5	370	2.9	<2	0.80	<0.5	3	56	3	1.64	4.39
B000756		0.28	<0.005	<0.5	6.67	<5	60	10.8	<2	0.46	<0.5	1	36	3	0.27	4.97
B000757		0.76	<0.005	<0.5	7.49	<5	340	2.4	<2	4.15	0.5	24	51	20	6.79	2.56
B000758		2.82	<0.005	<0.5	6.95	<5	370	2.2	<2	1.88	<0.5	9	75	9	3.00	3.53
B000759		0.92	<0.005	<0.5	7.85	<5	460	2.1	<2	5.08	<0.5	28	96	17	6.95	2.99
B000760		1.16	<0.005	<0.5	5.79	<5	240	1.9	<2	1.15	<0.5	5	49	3	1.71	2.75
B000761		0.48	<0.005	<0.5	7.55	18	480	2.4	<2	5.83	<0.5	34	146	8	7.65	3.95
B000762		1.44	<0.005	<0.5	6.80	<5	270	2.9	<2	0.65	<0.5	<1	50	4	1.26	3.59
B000763		0.24	<0.005	<0.5	6.85	<5	40	21.2	<2	0.55	<0.5	1	50	1	0.38	3.38
B000764		3.98	<0.005	<0.5	7.14	<5	290	2.7	<2	0.78	<0.5	3	67	4	1.72	4.35
B000765		2.82	<0.005	<0.5	6.70	<5	210	2.8	<2	0.47	<0.5	1	55	2	1.07	2.64
B000766		1.02	<0.005	<0.5	7.20	<5	360	2.0	<2	3.07	<0.5	25	46	26	6.86	4.29
B000767		3.14	<0.005	<0.5	7.57	<5	350	2.5	<2	0.76	<0.5	2	61	3	1.40	2.39
B000768		2.22	<0.005	<0.5	8.36	<5	770	2.3	<2	1.39	<0.5	6	49	3	3.51	3.19
B000769		0.76	<0.005	<0.5	7.98	<5	800	2.8	<2	0.81	<0.5	8	49	6	3.30	3.72
B000770		3.64	<0.005	<0.5	6.67	<5	360	2.8	<2	0.49	<0.5	4	52	6	1.93	2.64
B000771		0.66	<0.005	<0.5	7.05	<5	60	10.7	<2	0.50	<0.5	1	56	4	0.40	3.33
B000772		1.10	<0.005	<0.5	6.91	<5	370	2.4	<2	0.48	<0.5	2	73	5	1.66	2.36
B000773		2.18	<0.005	<0.5	7.62	<5	570	2.2	<2	0.61	<0.5	7	55	6	2.94	2.49
B000774		3.72	<0.005	<0.5	7.58	<5	400	2.3	<2	0.60	<0.5	3	52	4	1.97	3.05
B000775		3.60	<0.005	<0.5	7.25	5	420	2.7	<2	0.51	<0.5	3	60	3	2.05	3.67
B000776		1.10	<0.005	<0.5	7.42	<5	600	2.2	<2	0.57	<0.5	6	56	3	2.80	2.70
B000777		1.24	<0.005	<0.5	6.66	19	280	2.3	<2	0.37	<0.5	4	55	3	1.62	1.17
B000778		3.86	<0.005	<0.5	6.86	7	490	1.6	<2	0.26	<0.5	4	49	1	1.70	0.68
B000779		1.34	<0.005	<0.5	8.55	10	1020	2.7	<2	3.68	<0.5	16	76	16	4.92	2.13
B000780		3.90	<0.005	<0.5	8.96	<5	90	8.2	<2	11.30	<0.5	13	62	22	6.44	0.28

Comments: Highly mineralized samples may bias results for some elements. NSS is non-sufficient sample.



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Sample Description	Method Analyte Units LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-AA46 Cu % 0.01
B000741		2.03	954	2	0.60	25	1400	14	0.15	<5	131	0.96	172	10	140	
B000742		0.65	963	<1	2.95	4	430	29	0.01	<5	93	0.26	56	<10	62	
B000743		1.63	1390	<1	1.92	32	810	9	0.14	<5	183	0.80	150	<10	112	
B000744		2.11	1810	1	1.65	52	910	15	0.21	<5	227	0.87	166	<10	144	
B000745		0.07	99	<1	2.57	1	160	35	0.01	<5	53	0.03	3	<10	13	
B000746		1.57	1065	<1	1.76	41	830	6	0.13	<5	194	0.72	132	<10	81	
B000747		3.00	1820	2	1.79	22	2270	12	0.13	<5	363	1.81	359	<10	131	
B000748		0.45	395	<1	3.08	4	570	36	0.02	<5	123	0.30	53	<10	37	
B000749		1.81	1050	1	1.90	48	900	5	0.08	<5	403	0.80	160	<10	51	
B000750		1.23	1435	<1	1.30	41	360	8	0.08	<5	353	0.50	98	<10	45	
B000751		1.39	750	1	2.12	40	660	8	0.14	<5	369	0.61	103	<10	50	
B000752		0.44	554	<1	3.21	3	340	47	0.10	<5	92	0.29	50	<10	31	
B000753		0.99	664	2	2.26	2	1080	16	0.23	<5	215	0.60	91	<10	65	
B000754		0.91	536	2	2.31	7	730	14	0.07	<5	211	0.50	68	<10	58	
B000755		0.24	230	1	2.06	4	470	35	0.02	<5	116	0.17	20	<10	33	
B000756		0.03	227	<1	2.63	<1	130	54	0.02	<5	57	0.02	2	<10	4	
B000757		2.01	1130	1	1.92	8	1410	19	0.12	<5	195	1.19	236	<10	98	
B000758		0.79	465	1	2.32	3	810	20	0.08	<5	127	0.45	72	<10	45	
B000759		2.82	1195	1	1.29	21	1340	12	0.08	<5	235	1.11	237	<10	93	
B000760		0.47	249	1	1.90	3	370	17	0.02	<5	90	0.20	33	<10	29	
B000761		3.90	1250	1	0.64	36	1550	17	0.01	<5	160	1.22	280	<10	114	
B000762		0.10	193	1	2.25	1	360	24	0.02	<5	83	0.10	6	<10	25	
B000763		0.07	215	1	2.83	2	180	41	<0.01	<5	35	0.03	3	<10	3	
B000764		0.38	258	1	2.10	3	540	34	0.01	<5	78	0.19	23	<10	36	
B000765		0.35	115	1	2.86	1	360	17	0.02	<5	60	0.09	5	<10	13	
B000766		3.66	877	2	1.00	8	1060	13	0.11	<5	113	0.85	185	<10	84	
B000767		0.46	203	2	3.51	<1	450	13	0.04	<5	98	0.14	14	<10	23	
B000768		1.99	502	<1	2.73	5	590	18	0.17	<5	122	0.29	54	<10	41	
B000769		1.30	297	3	2.40	6	750	9	0.07	<5	100	0.44	54	<10	27	
B000770		0.73	178	2	2.69	2	500	26	0.06	<5	71	0.20	21	<10	18	
B000771		0.12	102	2	3.01	3	130	50	0.01	<5	36	0.04	5	<10	12	
B000772		0.55	148	2	2.70	1	440	48	0.04	<5	74	0.17	14	<10	16	
B000773		1.56	227	2	2.75	3	630	3	0.08	<5	94	0.35	49	<10	23	
B000774		0.62	174	1	2.78	2	530	17	0.04	<5	91	0.21	21	<10	20	
B000775		0.63	185	1	2.53	<1	580	23	0.02	<5	76	0.23	22	<10	24	
B000776		1.48	215	2	2.66	4	620	9	0.03	<5	83	0.30	36	<10	21	
B000777		0.91	98	2	3.62	5	420	4	0.03	<5	48	0.15	15	<10	10	
B000778		1.18	77	<1	3.81	<1	340	<2	0.03	<5	44	0.09	10	<10	5	
B000779		2.71	406	<1	3.15	35	360	13	0.24	<5	547	0.43	77	<10	40	
B000780		1.53	927	<1	1.57	34	680	25	0.26	<5	1475	0.37	68	<10	44	

Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083186

Method Analyte Units LOR	Pb-AA46	Zn-AA46	Hg-CV41	Ag-GRA21	ME-XRF05	ME-ICP06	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	ME-ICP06	ME-ICP06	ME-ICP06	MnO
Sample Description	%	%	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	%	%
B000741	0.01	0.01	0.01	5	2	57.4	14.70	9.78	3.78	3.81	2.10	3.17	0.02	1.73	0.02	0.01	0.01	0.01
B000742	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000743	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000744	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000745	<0.01	<0.01	<0.01	<2	<2	77.1	12.75	0.55	0.82	0.12	3.54	3.28	0.02	0.06	0.02	0.01	0.01	0.01
B000746	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000747	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000748	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000749	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000750	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000751	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000752	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000753	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000754	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000755	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000756	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000757	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000758	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000759	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000760	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000761	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000762	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000763	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000764	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000765	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000766	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000767	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000768	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000769	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000770	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000771	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000772	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000773	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000774	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000775	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000776	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000777	<0.01	<0.01	<0.01	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
B000778	<0.01	<0.01	<0.01	<2	<2	75.0	11.85	2.33	0.33	1.94	5.14	0.83	0.01	0.18	0.01	0.01	0.01	0.01
B000779	<0.01	<0.01	<0.01	<2	<2	51.9	18.00	7.74	5.32	5.17	4.53	2.81	0.02	0.77	0.06	0.02	0.02	0.06
B000780	<0.01	<0.01	<0.01	<2	<2	47.9	16.45	9.94	16.50	2.85	2.16	0.34	0.02	0.66	0.13	0.02	0.02	0.13

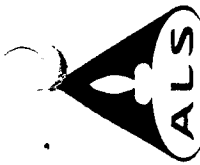
Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083186

Sample Description	Method Analyte Units LOR	ME-ICP06 P205 %	ME-ICP06 SrO %	ME-ICP06 BaO %	ME-ICP06 LOI %	ME-ICP06 Total %	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm
B000741		0.34	0.02	0.08	1.80	98.9	<1	685	83.5	29.1	120	16.2	24	7.2	3.8	2.0
B000742																
B000743																
B000744																
B000745		0.01	0.01	0.01	1.61	99.9	<1	45.6	15.0	1.4	110	5.1	<5	2.4	1.2	<0.1
B000746																
B000747																
B000748																
B000749																
B000750																
B000751																
B000752																
B000753																
B000754																
B000755																
B000756																
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B000758																
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B000760																
B000761																
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B000767																
B000768																
B000769																
B000770																
B000771																
B000772																
B000773																
B000774																
B000775																
B000776																
B000777																
B000778		0.09	0.01	0.06	1.55	99.3	<1	447	56.0	3.5	80	5.0	<5	6.8	4.0	0.2
B000779		0.09	0.08	0.14	1.89	98.5	1	1165	116.0	20.9	140	9.5	15	5.8	3.1	1.6
B000780		0.14	0.18	0.01	2.63	99.9	<1	97.8	100.0	16.6	120	1.2	17	5.7	3.1	2.7

Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.



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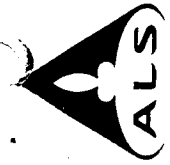
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CERTIFICATE OF ANALYSIS VA04083186

Method Analyte Units LOR	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm
B000741	23	7.7	6	1.4	40.4	0.5	2	29	38.8	39	18	9.5	179.0	8.3	16
B000742															
B000743															
B000744															
B000745															
B000746															
B000747															
B000748															
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B000762															
B000763															
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B000767															
B000768															
B000769															
B000770															
B000771															
B000772															
B000773															
B000774															
B000775															
B000776															
B000777															
B000778	17	5.3	4	1.3	27.6	0.5	2	19	22.4	9	<5	6.3	34.9	5.2	4
B000779	26	7.3	4	1.1	59.7	0.4	<2	20	48.5	52	12	12.9	124.0	9.2	7
B000780	29	6.6	3	1.0	49.6	0.4	<2	22	41.2	42	20	10.6	10.8	8.4	49

Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA04083186

Sample Description	Method Analyte Units LOR	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.5	ME-MS81 Tb ppm 0.1	ME-MS81 Th ppm 1	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.1	ME-MS81 U ppm 0.5	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.1	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 0.5
B000741		132.0	2.7	1.2	11	<0.5	0.5	2.6	207	4	39.2	3.7	138	247
B000742														
B000743														
B000744														
B000745														
B000746														
B000747														
B000748														
B000749														
B000750														
B000751														
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B000761														
B000762														
B000763														
B000764														
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B000767														
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B000769														
B000770														
B000771														
B000772														
B000773														
B000774														
B000775														
B000776														
B000777														
B000778														
B000779		43.2	2.3	1.0	19	<0.5	0.6	8.0	11	1	39.1	4.2	14	106.0
B000780		595	1.4	1.0	18	<0.5	0.4	3.1	89	<1	31.0	3.0	51	138.5
B000780		1365	2.0	0.9	15	<0.5	0.4	4.4	80	2	30.2	2.8	47	118.0

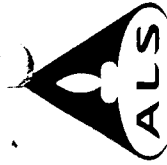
Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083186

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
B000781		1.86	<0.005	<0.5	7.88	<5	600	4.0	<2	11.25	<0.5	19	47	26	4.92	1.89
B000782		1.64	<0.005	<0.5	6.19	<5	190	1.3	<2	1.25	<0.5	7	65	8	2.58	0.86

Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA04083186

Method Analyte Units LOR	Sample Description	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sr ppm	ME-ICP61 Ti %	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	Cu-AA46 Cu %
0.01		3.33	5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2	0.01
	B000781	1.80	639	<1	1.87	24	370	32	0.31	<5	713	0.29	55	<10	162	
	B000782		156	<1	2.80	6	410	3	0.13	<5	112	0.16	20	<10	12	

Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083186

Sample Description	Method Analyte Units LOR	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	Hg-CV41 Hg ppm 0.01	Ag-GRA21 Ag ppm 5	Se ppm 2	ME-XRF05 SIO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.01	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01
B000781				<0.01		<2										
B000782				<0.01		<2										

Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083186

Method Analyte Units	ME-ICP06 P205 %	ME-ICP06 SrO %	ME-ICP06 BaO %	ME-ICP06 LOI %	ME-ICP06 Total %	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm
Method Analyte Units														
LOR	0.01	0.01	0.01	0.01	0.01	1	0.5	0.5	10	0.1	5	0.1	0.1	0.1
Sample Description														
B000781														
B000782														

Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083186

Method Analyte Units LOR	ME-MS81 Ga ppm 1	ME-MS81 Gd ppm 0.1	ME-MS81 Hf ppm 1	ME-MS81 Ho ppm 0.1	ME-MS81 La ppm 0.5	ME-MS81 Lu ppm 0.1	ME-MS81 Mo ppm 2	ME-MS81 Nb ppm 1	ME-MS81 Nd ppm 0.5	ME-MS81 Ni ppm 5	ME-MS81 Pb ppm 5	ME-MS81 Pr ppm 0.1	ME-MS81 Rb ppm 0.2	ME-MS81 Sb ppm 0.1	ME-MS81 Sn ppm 1
B000781															
B000782															

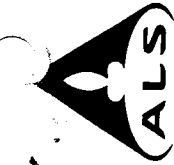
Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA04083186

Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
Analyte	Sr	Ta	Tb	Th	Ti	Tm	U	V	W	Y	Yb	Zn	Zr				
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.1	0.5	0.1	1	0.5	0.1	0.5	5	1	0.5	0.1	5	0.5				
Sample Description	B000781 B000782																

Comments: Highly mineralized samples may bias results for some elements NSS is non-sufficient sample.



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CERTIFICATE VA04076029

Project: CODE 1638

P.O. No.:

This report is for 200 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 1-NOV-2004.

The following have access to data associated with this certificate:

JASON DUNNING

ACCOUNTS PAYABLE

REMOVED

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS

To: EXPATRIATE RESOURCES LTD.
 ATTN: JASON DUNNING
 701-475 HOWE ST
 VANCOUVER BC V6C 2B3

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

Project: CODE 1638

CERTIFICATE OF ANALYSIS VA04076029

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au ppm	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
	B001001	2.04	<0.005	<0.005	<0.5	6.73	<5	830	3.9	<2	2.73	1.0	8	100	11	2.16	3.42
	B001002	3.20	<0.005	<0.005	<0.5	8.03	<5	890	89.3	4	8.95	<0.5	29	207	45	4.91	4.04
	B001003	3.44	<0.005	<0.005	<0.5	5.66	<5	600	8.5	<2	2.87	<0.5	8	92	14	1.52	4.42
	B001004	0.74	<0.005	<0.005	<0.5	8.18	<5	1320	2.4	<2	1.77	<0.5	6	38	13	0.98	5.64
	B001005	1.46	<0.005	<0.005	<0.5	6.36	<5	790	3.4	<2	2.42	<0.5	8	79	18	2.67	3.81
	B001006	3.04	<0.005	<0.005	<0.5	5.73	<5	800	7.1	<2	5.52	<0.5	32	166	1	6.65	4.01
	B001007	3.98	<0.005	<0.005	<0.5	6.38	<5	860	7.0	<2	4.53	<0.5	32	187	8	6.77	4.32
	B001008	1.24	<0.005	<0.005	<0.5	6.65	<5	1240	7.6	2	4.07	0.6	20	116	145	4.87	4.55
	B001009	2.28	<0.005	<0.005	<0.5	6.75	<5	1480	4.1	<2	1.74	<0.5	20	48	39	5.98	4.39
	B001010	2.30	<0.005	<0.005	<0.5	6.28	<5	950	8.3	2	0.65	0.8	3	77	47	1.52	4.66
	B001011	3.42	<0.005	<0.005	<0.5	5.96	<5	1350	3.8	<2	0.82	<0.5	3	62	38	1.92	4.84
	B001012	3.40	<0.005	<0.005	<0.5	6.13	<5	1020	6.6	2	1.14	0.5	3	83	17	1.06	5.24
	B001013	2.90	<0.005	<0.005	<0.5	5.90	<5	1160	7.1	2	0.89	0.5	3	69	6	1.13	5.45
	B001014	3.16	<0.005	<0.005	<0.5	6.08	<5	1360	4.3	<2	1.17	<0.5	3	67	5	1.66	4.99
	B001015	3.32	<0.005	<0.005	<0.5	5.70	<5	1300	1.9	<2	0.53	<0.5	3	53	5	2.04	4.55
	B001016	3.88	<0.005	<0.005	<0.5	6.14	<5	1140	1.6	<2	0.76	<0.5	1	61	5	1.81	4.93
	B001017	2.40	<0.005	<0.005	<0.5	6.77	<5	1320	5.4	<2	4.06	0.6	21	44	33	6.26	4.70
	B001018	2.00	<0.005	<0.005	<0.5	5.24	<5	1100	1.4	<2	1.42	<0.5	1	55	3	1.33	4.33
	B001019	4.56	<0.005	<0.005	<0.5	6.43	<5	1500	1.7	<2	0.92	<0.5	2	55	4	2.06	4.51
	B001020	1.82	<0.005	<0.005	<0.5	5.72	<5	1340	1.1	<2	1.62	0.7	4	60	9	1.51	4.89
	B001021	0.74	<0.005	<0.005	<0.5	5.68	<5	1500	1.6	<2	0.68	<0.5	2	56	4	1.84	4.22
	B001022	2.34	<0.005	<0.005	<0.5	6.21	<5	1620	1.4	<2	0.82	<0.5	3	53	4	1.76	5.55
	B001023	2.24	<0.005	<0.005	<0.5	5.53	<5	1340	1.4	<2	0.66	<0.5	3	58	5	1.76	4.50
	B001024	1.52	<0.005	<0.005	<0.5	5.69	<5	1150	3.1	<2	0.95	<0.5	3	55	6	1.87	4.66
	B001025	1.46	<0.005	<0.005	<0.5	7.40	7	1280	12.5	<2	5.33	<0.5	29	220	6	6.72	5.03
	B001026	2.04	<0.005	<0.005	<0.5	6.33	<5	1270	1.7	<2	1.39	<0.5	2	67	13	2.06	3.88
	B001027	1.26	<0.005	<0.005	<0.5	8.30	<5	1740	16.3	<2	8.02	1.1	25	127	69	7.17	2.07
	B001028	2.04	<0.005	<0.005	<0.5	6.69	<5	1500	2.6	<2	1.07	<0.5	2	56	8	2.30	3.25
	B001029	2.90	<0.005	<0.005	<0.5	7.46	<5	1580	2.2	<2	1.19	<0.5	2	49	6	2.12	2.57
	B001030	0.68	<0.005	<0.005	<0.5	8.26	<5	1880	4.8	<2	4.32	<0.5	28	43	21	9.26	3.19
	B001031	1.00	<0.005	<0.005	<0.5	6.27	5	1320	3.1	<2	1.86	<0.5	8	80	32	3.09	2.14
	B001032	1.46	<0.005	<0.005	<0.5	6.26	<5	1350	13.7	<2	6.58	<0.5	30	144	61	6.47	2.40
	B001033	0.52	<0.005	<0.005	0.6	7.72	<5	2030	10.7	<2	6.45	<0.5	32	41	224	7.93	4.04
	B001034	3.26	<0.005	<0.005	<0.5	6.30	<5	1450	4.2	<2	1.74	<0.5	5	64	17	3.44	3.41
	B001035	3.66	<0.005	<0.005	<0.5	6.18	<5	1080	6.8	<2	2.87	0.5	9	41	6	2.95	3.15
	B001036	3.04	<0.005	<0.005	<0.5	5.85	<5	1180	12.1	<2	1.72	0.5	4	53	13	1.82	3.87
	B001037	3.22	<0.005	<0.005	<0.5	6.03	<5	1700	19.3	<2	3.71	<0.5	6	60	11	1.58	3.45
	B001038	3.08	<0.005	<0.005	<0.5	7.31	<5	2050	5.3	<2	1.46	<0.5	5	75	15	1.98	4.16
	B001039	2.58	<0.005	<0.005	<0.5	4.88	<5	2040	5.1	<2	11.45	<0.5	5	19	5	0.64	3.23
	B001040	2.32	<0.005	<0.005	<0.5	7.84	<5	2220	7.9	<2	8.28	0.5	16	53	13	3.04	3.26

Project: CODE 1638

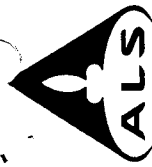
CERTIFICATE OF ANALYSIS VA04076029

Method Analyte Units LOR	Sample Description	Mg % 0.01	Min ppm 5	Mo ppm 1	Na % 0.01	NI ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sr ppm 1	TI % 0.01	V ppm 1	W ppm 10	Zn ppm 2	Pb % 0.01
B001001		0.35	487	5	2.13	7	560	14	0.06	<5	78	0.47	69	50	159	
B001002		1.11	1180	2	0.47	43	830	17	0.29	<5	128	0.95	245	100	148	
B001003		0.11	380	3	1.66	8	450	16	0.43	<5	61	0.41	48	10	54	
B001004		0.06	210	1	1.61	4	780	41	0.33	<5	118	0.46	32	<10	17	
B001005		0.38	507	3	1.75	10	610	19	0.45	<5	65	0.54	72	<10	79	
B001006		2.71	1030	10	0.34	74	700	23	0.01	<5	126	0.84	217	10	225	
B001007		2.76	944	6	0.31	73	740	28	0.04	<5	126	0.88	223	<10	334	
B001008		0.78	867	5	0.32	29	710	32	0.74	<5	106	0.77	140	<10	104	
B001009		0.49	1005	2	0.41	6	1450	14	0.79	<5	62	1.24	205	10	94	
B001010		0.10	596	3	0.25	4	260	36	0.31	<5	25	0.19	15	<10	124	
B001011		0.17	590	8	0.39	4	230	56	0.46	<5	34	0.22	16	<10	120	
B001012		0.15	490	6	1.00	5	240	39	0.14	<5	42	0.17	16	<10	75	
B001013		0.07	618	3	0.63	6	230	14	0.11	<5	30	0.19	12	<10	54	
B001014		0.15	627	3	0.40	5	210	4	0.11	<5	36	0.24	17	10	38	
B001015		0.19	574	3	0.31	3	170	11	0.14	<5	21	0.23	15	<10	45	
B001016		0.11	551	4	0.35	5	210	6	0.22	<5	21	0.23	16	<10	35	
B001017		0.87	1120	2	0.29	9	1540	18	0.66	<5	95	1.38	250	10	110	
B001018		0.07	352	4	0.55	2	190	11	0.06	<5	41	0.22	17	<10	83	
B001019		0.20	500	3	1.00	3	220	10	0.17	<5	37	0.25	19	<10	33	
B001020		0.09	438	4	0.95	6	220	16	0.29	<5	48	0.23	15	<10	26	
B001021		0.16	433	3	0.57	2	200	4	0.26	<5	24	0.23	17	<10	20	
B001022		0.17	387	4	0.73	4	220	17	0.26	<5	36	0.24	18	<10	19	
B001023		0.17	458	3	0.62	2	200	27	0.29	<5	29	0.22	16	<10	44	
B001024		0.23	413	2	0.87	4	180	6	0.16	<5	40	0.23	18	<10	21	
B001025		2.27	1080	<1	0.37	36	710	24	0.06	<5	172	0.89	217	10	118	
B001026		0.22	394	3	0.56	3	210	23	0.25	<5	65	0.25	30	10	77	
B001027		1.07	1805	2	0.35	42	850	28	0.54	<5	198	0.95	229	30	335	
B001028		0.23	437	4	0.89	4	230	14	0.23	<5	45	0.26	26	<10	58	
B001029		0.23	452	3	1.62	3	250	32	0.23	<5	50	0.29	31	<10	60	
B001030		1.78	1325	2	0.55	8	1900	34	0.36	<5	132	1.72	302	10	192	
B001031		0.65	544	5	1.29	5	370	52	0.37	<5	62	0.37	71	<10	65	
B001032		2.47	1170	1	0.46	64	810	50	0.15	<5	142	0.83	213	10	207	
B001033		1.20	1410	<1	0.54	11	2200	28	1.30	<5	135	1.66	281	10	205	
B001034		0.34	952	3	0.74	3	520	9	0.29	<5	37	0.49	55	<10	39	
B001035		0.30	831	1	0.41	3	810	16	0.18	<5	60	0.71	102	20	21	
B001036		0.15	640	3	0.69	4	280	20	0.15	<5	49	0.30	34	<10	28	
B001037		0.16	808	2	0.52	8	390	21	0.11	<5	77	0.40	52	<10	27	
B001038		0.22	531	1	0.57	5	410	32	0.22	<5	58	0.40	41	<10	64	
B001039		0.11	1190	1	0.53	4	310	14	0.08	<5	258	0.28	32	<10	24	
B001040		0.53	1410	<1	0.60	11	1530	26	0.11	<5	178	1.28	250	<10	130	

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CERTIFICATE OF ANALYSIS VA04076029

Sample Description	Method Analyte Units LOR	Zn-AA46 Zn % 0.01	Hg-CV41 Hg ppm 0.01	Se ME-XRF05 ppm 2
B001001		<0.01	<0.01	<2
B001002		<0.01	<0.01	<2
B001003		<0.01	<0.01	<2
B001004		<0.01	<0.01	<2
B001005		<0.01	<0.01	<2
B001006		<0.01	<0.01	<2
B001007		<0.01	<0.01	<2
B001008		<0.01	<0.01	<2
B001009		<0.01	<0.01	<2
B001010		0.02	<0.01	<2
B001011		<0.01	<0.01	<2
B001012		<0.01	<0.01	<2
B001013		<0.01	<0.01	<2
B001014		<0.01	<0.01	<2
B001015		<0.01	<0.01	<2
B001016		<0.01	<0.01	<2
B001017		<0.01	<0.01	<2
B001018		<0.01	<0.01	<2
B001019		<0.01	<0.01	<2
B001020		<0.01	<0.01	<2
B001021		<0.01	<0.01	<2
B001022		<0.01	<0.01	<2
B001023		<0.01	<0.01	<2
B001024		<0.01	<0.01	<2
B001025		<0.01	<0.01	<2
B001026		<0.01	<0.01	<2
B001027		<0.01	<0.01	<2
B001028		<0.01	<0.01	<2
B001029		<0.01	<0.01	<2
B001030		<0.01	<0.01	<2
B001031		<0.01	<0.01	<2
B001032		<0.01	<0.01	<2
B001033		<0.01	<0.01	<2
B001034		<0.01	<0.01	<2
B001035		<0.01	<0.01	<2
B001036		<0.01	<0.01	<2
B001037		<0.01	<0.01	<2
B001038		<0.01	<0.01	<2
B001039		<0.01	<0.01	<2
B001040		<0.01	<0.01	<2



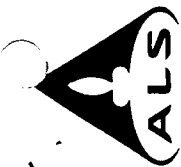
CERTIFICATE OF ANALYSIS VA04076029

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au ppm	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 BI ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
B001041		1.04	<0.005	<0.5	8.20	7.10	950	17.7	2	2	1.40	1.0	3	59	4	1.12	3.79
B001042		3.06	<0.005	0.9	7.53	6.41	1220	5.8	4	4	2.07	2.2	7	75	5	2.62	2.37
B001043		3.18	<0.005	<0.5	7.08	<5	1590	6.3	<2	<2	2.95	<0.5	18	85	33	4.16	2.16
B001044		3.76	<0.005	<0.5	6.84	<5	1600	5.2	<2	<2	2.38	<0.5	5	81	19	2.52	3.13
B001045		2.60	<0.005	<0.5	5.28	<5	1420	9.2	5	5	1.40	<0.5	<1	54	2	0.63	3.23
B001046		3.76	<0.005	<0.5	7.10	<5	1920	5.0	<2	<2	2.07	<0.5	6	80	2	3.30	3.86
B001047		1.48	<0.005	<0.5	6.41	<5	1950	2.5	<2	<2	1.98	<0.5	3	67	7	1.98	4.82
B001048		2.58	<0.005	<0.5	6.75	<5	2130	4.5	<2	<2	1.18	0.5	2	77	9	1.74	4.54
B001049		2.00	<0.005	<0.5	6.56	<5	1900	15.3	<2	<2	1.56	<0.5	3	65	5	1.66	3.54
B001050		2.52	<0.005	<0.5	6.58	<5	1660	6.0	<2	<2	1.64	<0.5	3	66	6	2.35	3.52
B001051		2.08	<0.005	<0.5	6.47	<5	1340	2.9	<2	<2	3.17	<0.5	5	67	7	2.06	3.03
B001052		0.98	<0.005	<0.5	6.32	<5	30	17.4	3	3	0.46	<0.5	1	85	3	0.38	2.42
B001053		2.64	<0.005	<0.5	7.78	<5	1200	5.1	<2	<2	1.33	<0.5	3	43	13	1.28	3.18
B001054		0.78	<0.005	<0.5	5.14	<5	700	1.2	<2	<2	4.08	<0.5	4	48	10	0.63	3.75
B001055		3.74	<0.005	0.5	6.19	<5	730	4.0	4	4	1.45	<0.5	4	54	237	1.27	3.54
B001056		1.92	<0.005	1.1	6.63	<5	700	6.9	2	2	4.01	<0.5	22	65	353	6.90	2.99
B001057		0.44	<0.005	<0.5	6.47	<5	860	6.0	<2	<2	3.11	4.8	5	59	20	2.29	3.22
B001058		0.52	<0.005	<0.5	7.40	<5	440	8.3	2	2	1.66	<0.5	7	78	15	3.47	2.72
B001059		1.24	<0.005	<0.5	6.91	<5	1280	3.8	<2	<2	2.08	<0.5	5	68	5	2.68	3.84
B001060		2.80	<0.005	<0.5	6.25	<5	780	2.4	<2	<2	0.73	<0.5	4	71	10	1.73	2.79
B001061		0.62	<0.005	<0.5	6.28	<5	760	4.0	<2	<2	3.56	<0.5	9	56	14	4.77	2.53
B001062		2.12	<0.005	<0.5	7.01	<5	790	3.2	2	2	0.52	0.9	4	77	7	1.86	2.66
B001063		1.82	<0.005	<0.5	6.73	<5	1180	2.7	<2	<2	0.72	<0.5	5	51	8	2.95	2.73
B001064		1.06	<0.005	<0.5	7.44	<5	210	26.8	<2	<2	0.73	<0.5	2	87	4	0.75	2.44
B001065		0.84	<0.005	<0.5	6.78	<5	1650	6.9	<2	<2	2.15	<0.5	4	69	21	2.60	2.75
B001066		2.04	<0.005	<0.5	6.24	<5	1480	4.1	<2	<2	2.00	<0.5	2	78	2	1.29	3.27
B001067		2.10	<0.005	0.5	6.95	<5	1200	4.0	<2	<2	0.64	0.6	3	60	8	1.90	2.18
B001068		0.84	<0.005	<0.5	6.05	<5	750	2.0	<2	<2	0.28	<0.5	2	98	8	1.12	2.57
B001069		1.68	<0.005	<0.5	6.33	<5	560	0.7	2	2	0.86	1.6	3	59	8	0.84	2.87
B001070		1.28	<0.005	0.5	6.20	<5	540	1.6	2	2	0.63	1.1	2	108	11	0.71	2.17
B001071		2.98	<0.005	<0.5	4.41	<5	420	2.0	<2	<2	1.80	<0.5	2	66	10	0.85	2.45
B001072		4.14	<0.005	<0.5	7.09	<5	680	6.6	<2	<2	4.59	<0.5	28	78	68	9.07	2.60
B001073		2.26	<0.005	<0.5	7.01	<5	560	3.0	<2	<2	0.44	<0.5	4	57	9	2.00	2.37
B001074		1.44	<0.005	<0.5	7.70	<5	590	6.8	<2	<2	4.28	<0.5	22	165	51	6.52	2.59
B001075		2.64	<0.005	<0.5	6.26	<5	500	2.8	<2	<2	0.83	<0.5	3	53	5	1.28	2.14
B001076		0.54	<0.005	0.6	7.78	<5	860	2.1	<2	<2	2.35	<0.5	17	103	41	3.07	5.09
B001077		0.92	<0.005	<0.5	6.81	<5	980	3.4	<2	<2	1.10	0.6	18	49	32	4.95	2.96
B001078		0.72	<0.005	<0.5	6.23	<5	830	1.5	<2	<2	0.69	<0.5	2	115	4	1.60	2.43
B001079		3.22	<0.005	<0.5	6.58	<5	1430	2.8	<2	<2	0.70	<0.5	4	53	7	2.99	2.64
B001080		0.50	<0.005	<0.5	7.19	<5	1110	13.2	<2	<2	0.80	<0.5	14	53	4	5.85	2.37

Project: CODE 1638

CERTIFICATE OF ANALYSIS VA04076029

Sample Description	Method Analyte Units LOR	ME-ICP61											Pb-AAA46 Pb % 0.01	
		Mg % 0.01	Min ppm 5	Mo ppm 1	Na % 0.01	NI ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sr ppm 1	Ti % 0.01		V ppm 1
B001041		0.39	515	3	1.07	5	220	29	0.02	<5	45	22	<10	198
B001042		0.88	482	4	0.89	4	480	97	0.06	<5	62	58	<10	390
B001043		0.77	905	2	0.81	18	900	15	0.31	<5	88	130	30	87
B001044		0.28	669	3	0.61	7	500	16	0.19	<5	77	73	<10	33
B001045		0.05	419	1	1.07	3	250	15	0.01	<5	51	15	<10	12
B001046		0.76	642	2	0.53	7	500	12	0.01	<5	73	87	10	29
B001047		0.31	626	5	0.36	4	430	13	0.12	<5	57	36	<10	30
B001048		0.18	546	3	0.60	5	400	13	0.23	<5	48	21	<10	30
B001049		0.17	624	1	0.73	8	350	17	0.07	<5	59	21	<10	53
B001050		0.20	759	2	0.67	5	350	9	0.17	<5	53	22	<10	16
B001051		0.33	786	1	0.39	9	380	11	0.13	<5	59	57	<10	11
B001052		0.04	1040	3	3.39	<1	160	29	0.01	<5	13	2	<10	24
B001053		0.63	350	3	0.49	3	230	9	0.01	<5	42	18	10	24
B001054		0.16	619	4	0.29	4	390	13	0.03	<5	67	67	<10	6
B001055		0.48	476	4	0.32	2	110	13	0.03	<5	34	7	10	35
B001056		1.50	937	1	0.37	10	1440	16	0.30	<5	78	202	<10	243
B001057		0.64	601	1	0.41	3	350	38	0.13	<5	82	44	10	512
B001058		0.64	620	2	2.14	7	560	38	0.07	<5	37	79	<10	200
B001059		0.27	663	1	0.37	8	430	12	0.12	<5	64	52	<10	23
B001060		0.36	494	4	0.28	5	170	18	0.14	<5	32	18	10	30
B001061		0.75	1065	2	0.18	7	1140	17	0.35	<5	97	152	<10	62
B001062		0.58	337	3	0.31	5	180	32	0.04	<5	28	13	<10	136
B001063		0.31	849	4	0.41	5	290	6	0.16	<5	27	32	<10	24
B001064		0.07	906	5	2.57	3	320	35	0.02	<5	18	5	<10	17
B001065		0.35	1355	4	0.40	4	410	9	0.25	<5	56	45	180	34
B001066		0.52	415	4	0.82	4	140	16	0.01	<5	67	10	<10	35
B001067		0.77	324	4	0.73	6	130	118	0.08	<5	27	9	<10	152
B001068		0.35	166	6	0.50	1	110	70	0.14	<5	18	6	<10	93
B001069		0.06	201	4	0.51	5	100	88	0.43	<5	33	5	<10	170
B001070		0.04	114	3	1.52	4	90	227	0.29	<5	34	7	<10	122
B001071		0.05	263	2	1.60	5	90	42	0.33	<5	60	14	<10	42
B001072		2.45	1210	1	0.39	24	2480	29	0.46	<5	123	262	<10	203
B001073		0.71	229	2	1.33	4	210	14	0.16	<5	18	18	<10	93
B001074		3.01	726	1	0.35	63	550	12	0.14	<5	116	150	<10	142
B001075		0.47	282	3	0.93	5	130	15	0.02	<5	35	13	<10	32
B001076		0.16	342	4	0.41	13	2590	34	1.12	<5	102	93	<10	10
B001077		1.06	367	3	0.47	9	1590	15	1.09	<5	45	159	<10	110
B001078		0.38	293	7	0.42	3	150	7	0.11	<5	40	11	10	22
B001079		0.65	455	2	0.67	5	330	14	0.21	<5	39	20	<10	81
B001080		1.96	920	2	1.08	6	1400	27	0.02	<5	38	182	<10	168



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CERTIFICATE OF ANALYSIS VA04076029

Sample Description	Method Analyte Units LOR	Zn-AA46	Hg-CV41	ME-XRF05
		Zn % 0.01	Hg ppm 0.01	Se ppm 2
B001041			<0.01	<2
B001042			<0.01	<2
B001043			<0.01	<2
B001044			<0.01	<2
B001045			<0.01	<2
B001046			<0.01	<2
B001047			<0.01	<2
B001048			<0.01	<2
B001049			<0.01	<2
B001050			<0.01	<2
B001051			<0.01	<2
B001052			<0.01	<2
B001053			<0.01	<2
B001054			<0.01	<2
B001055			<0.01	<2
B001056			<0.01	<2
B001057			<0.01	<2
B001058			<0.01	<2
B001059			<0.01	<2
B001060			<0.01	<2
B001061			<0.01	<2
B001062			<0.01	<2
B001063			<0.01	<2
B001064			<0.01	<2
B001065			<0.01	<2
B001066			<0.01	<2
B001067			<0.01	<2
B001068			<0.01	<2
B001069			0.01	<2
B001070			<0.01	<2
B001071			<0.01	<2
B001072			<0.01	<2
B001073			<0.01	<2
B001074			<0.01	<2
B001075			<0.01	<2
B001076			<0.01	<2
B001077			<0.01	<2
B001078			<0.01	<2
B001079			<0.01	<2
B001080			<0.01	<2

Project: CODE 1638

CERTIFICATE OF ANALYSIS VA04076029

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Cd ppm	ME-ICP61 Ca %	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
B001081		1.32	<0.005	<0.5	7.16	<5	1320	6.8	<2	<0.5	0.90	5	47	21	3.93	2.31
B001082		0.82	<0.005	<0.5	7.16	<5	240	43.8	2	<0.5	0.52	<1	82	3	0.77	2.10
B001083		4.36	<0.005	<0.5	6.97	<5	1100	5.7	<2	<0.5	1.02	7	44	26	4.13	2.63
B001084		0.82	<0.005	<0.5	7.01	<5	900	2.0	<2	<0.5	1.04	7	88	7	2.88	2.16
B001085		2.58	<0.005	<0.5	6.76	<5	960	4.3	<2	0.5	0.89	7	83	14	3.60	1.91
B001086		0.62	<0.005	<0.5	7.47	<5	750	7.5	<2	1.2	5.64	9	80	41	5.50	2.34
B001087		1.24	<0.005	<0.5	6.52	<5	500	3.3	<2	0.7	1.79	2	61	8	2.69	2.69
B001088		2.12	<0.005	<0.5	6.67	<5	650	5.0	<2	0.8	2.63	3	104	3	1.71	2.14
B001089		1.94	<0.005	<0.5	6.54	<5	650	8.9	<2	<0.5	3.36	2	53	4	1.34	1.86
B001090		1.86	<0.005	<0.5	4.27	<5	500	4.1	<2	<0.5	0.65	2	174	5	0.92	1.95
B001091		1.46	<0.005	<0.5	6.30	<5	1010	5.0	<2	0.5	1.02	2	84	11	1.02	2.32
B001092		1.84	<0.005	<0.5	5.97	<5	1930	3.0	<2	0.5	0.62	2	104	10	0.47	2.56
B001093		2.60	<0.005	<0.5	4.65	<5	780	5.8	<2	<0.5	0.46	2	96	8	0.51	2.36
B001094		1.98	<0.005	<0.5	6.60	<5	3110	4.3	<2	<0.5	0.68	3	80	15	0.52	4.05
B001095		2.92	<0.005	<0.5	7.57	<5	1180	6.7	<2	<0.5	0.80	2	64	8	0.75	3.70
B001096		0.98	<0.005	<0.5	7.11	<5	200	16.4	<2	<0.5	0.60	<1	76	4	0.64	3.48
B001097		1.94	<0.005	<0.5	6.46	<5	480	3.9	<2	<0.5	0.60	2	67	1	0.88	2.84
B001098		1.14	<0.005	<0.5	7.14	<5	470	4.8	<2	<0.5	1.50	1	118	2	2.75	4.47
B001099		1.48	<0.005	<0.5	7.29	5	550	5.1	<2	<0.5	3.97	6	49	31	6.75	4.35
B001100		4.14	<0.005	<0.5	6.88	<5	20	12.7	4	<0.5	0.48	1	92	2	0.34	3.54
B001101		2.86	<0.005	<0.5	7.23	<5	370	4.8	<2	<0.5	2.42	3	81	5	3.24	4.50
B001102		0.76	<0.005	<0.5	6.87	<5	30	21.4	<2	<0.5	0.52	<1	61	2	0.45	3.55
B001103		2.52	<0.005	<0.5	6.83	<5	220	6.0	<2	<0.5	0.62	1	67	4	1.05	4.49
B001104		1.12	<0.005	<0.5	7.02	<5	340	4.6	<2	<0.5	1.59	2	56	1	1.79	4.20
B001105		0.34	<0.005	<0.5	7.95	<5	360	6.7	<2	<0.5	4.27	23	132	76	4.94	4.66
B001106		2.16	<0.005	<0.5	6.97	<5	240	11.8	<2	<0.5	1.12	1	66	3	1.22	3.80
B001107		4.54	<0.005	<0.5	6.36	6	230	5.0	<2	<0.5	1.04	1	83	1	1.06	3.56
B001108		3.36	<0.005	<0.5	6.64	5	340	4.4	<2	<0.5	2.51	3	57	7	2.64	4.16
B001109		0.80	0.006	0.5	7.92	<5	200	22.6	<2	<0.5	10.75	30	140	110	8.27	2.76
B001110		0.82	<0.005	<0.5	6.94	<5	380	20.1	<2	<0.5	1.90	8	39	2	5.61	4.34
B001111		1.24	<0.005	<0.5	7.49	5	460	7.7	<2	<0.5	1.41	3	62	5	2.50	3.79
B001112		1.44	<0.005	<0.5	7.61	6	380	23.1	<2	<0.5	5.47	33	207	8	7.49	4.49
B001113		2.56	<0.005	<0.5	8.16	<5	460	4.8	<2	<0.5	2.57	12	94	17	3.68	5.37
B001114		0.86	<0.005	<0.5	7.03	<5	490	3.8	<2	<0.5	1.66	8	35	5	5.66	3.99
B001115		1.34	<0.005	<0.5	7.73	<5	440	15.2	<2	<0.5	6.93	27	112	44	6.61	4.26
B001116		1.28	<0.005	<0.5	6.68	<5	660	4.5	<2	<0.5	1.26	2	54	3	1.18	4.04
B001117		0.70	<0.005	<0.5	7.58	<5	720	4.5	<2	<0.5	2.00	6	36	8	6.22	4.89
B001118		2.56	<0.005	<0.5	8.34	<5	550	5.9	<2	0.5	2.50	7	85	15	2.45	4.00
B001119		1.54	<0.005	<0.5	7.07	6	710	2.8	<2	<0.5	1.45	17	59	11	7.67	4.12
B001120		0.98	<0.005	<0.5	7.07	<5	500	4.1	<2	<0.5	3.54	17	108	9	5.98	3.80

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CERTIFICATE OF ANALYSIS VA04076029

Sample Description	Method Analyte Units LOR	ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		Pb % 0.01
		Mg % 0.01	Min ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S ppm 5	Sr ppm 1	Tl % 0.01	V ppm 1	W ppm 10	Zn ppm 2	Zn ppm 2	Pb % 0.01						
B001081		1.04	683	2	1.20	1	670	15	0.48	0.44	52	<10	67	<10	0.44	52	<10	67				0.01
B001082		0.15	620	2	2.73	<1	190	29	0.04	0.07	5	<10	24	<10	0.07	5	<10	24				0.01
B001083		1.13	667	2	0.70	2	830	13	0.39	0.56	88	<10	122	<10	0.56	88	<10	122				0.01
B001084		0.55	463	3	2.01	4	240	13	0.23	0.27	17	<10	79	<10	0.27	17	<10	79				0.01
B001085		0.91	347	2	0.74	14	490	12	0.19	0.41	75	<10	136	<10	0.41	75	<10	136				0.01
B001086		0.79	1930	4	0.30	16	2750	21	0.74	1.26	213	<10	174	<10	1.26	213	<10	174				0.01
B001087		0.91	491	3	1.26	4	230	29	0.13	0.25	19	<10	151	<10	0.25	19	<10	151				0.01
B001088		0.87	361	2	0.38	2	360	19	0.04	0.23	21	<10	85	<10	0.23	21	<10	85				0.01
B001089		0.87	462	1	0.32	1	210	18	0.01	0.15	14	<10	45	<10	0.15	14	<10	45				0.01
B001090		0.50	204	3	0.15	4	70	5	0.01	0.09	10	<10	62	<10	0.09	10	<10	62				0.01
B001091		0.44	261	1	0.74	9	200	13	0.01	0.14	16	<10	112	<10	0.14	16	<10	112				0.01
B001092		0.11	157	4	1.02	6	180	31	0.03	0.15	14	<10	60	<10	0.15	14	<10	60				0.01
B001093		0.10	192	<1	1.27	6	150	16	0.02	0.09	15	<10	26	<10	0.09	15	<10	26				0.01
B001094		0.11	201	3	1.07	4	170	20	0.09	0.17	15	<10	22	<10	0.17	15	<10	22				0.01
B001095		0.18	417	2	1.12	6	220	16	0.03	0.18	16	<10	16	<10	0.18	16	<10	16				0.01
B001096		0.08	865	1	2.34	1	260	20	0.01	0.08	7	<10	23	<10	0.08	7	<10	23				0.01
B001097		0.23	326	1	0.58	3	260	14	<0.01	0.21	16	<10	21	<10	0.21	16	<10	21				0.01
B001098		0.92	614	4	0.28	6	480	6	<0.01	0.22	25	<10	33	<10	0.22	25	<10	33				0.01
B001099		0.66	1950	2	0.26	4	2160	15	0.50	0.93	76	<10	90	<10	0.93	76	<10	90				0.01
B001100		0.04	293	3	2.72	1	210	43	0.01	0.02	1	<10	14	<10	0.02	1	<10	14				0.01
B001101		0.50	1415	3	0.47	4	770	8	0.06	0.47	21	<10	33	<10	0.47	21	<10	33				0.01
B001102		0.05	689	1	2.88	2	110	42	<0.01	0.03	1	<10	20	<10	0.03	1	<10	20				0.01
B001103		0.29	344	3	0.77	3	170	27	0.04	0.10	5	<10	18	<10	0.10	5	<10	18				0.01
B001104		0.61	689	1	0.45	4	180	12	<0.01	0.15	15	<10	16	<10	0.15	15	<10	16				0.01
B001105		0.65	1790	2	0.28	12	1740	14	1.34	1.33	224	<10	23	<10	1.33	224	<10	23				0.01
B001106		0.39	475	2	0.96	2	190	15	0.03	0.14	11	<10	14	<10	0.14	11	<10	14				0.01
B001107		0.32	339	2	1.09	2	120	17	0.01	0.11	5	<10	10	<10	0.11	5	<10	10				0.01
B001108		0.54	730	2	0.42	7	540	10	0.09	0.38	34	<10	81	<10	0.38	34	<10	81				0.01
B001109		1.52	1555	1	0.42	61	1150	21	0.64	0.88	215	<10	155	<10	0.88	215	<10	155				0.01
B001110		1.56	348	2	0.40	6	1160	12	0.01	0.58	62	<10	125	<10	0.58	62	<10	125				0.01
B001111		1.21	230	5	0.71	7	210	23	0.01	0.20	26	<10	55	<10	0.20	26	<10	55				0.01
B001112		2.90	1015	1	0.39	85	1190	23	0.04	1.08	210	<10	151	<10	1.08	210	<10	151				0.01
B001113		1.58	419	3	0.46	27	460	44	0.03	0.49	81	<10	73	<10	0.49	81	<10	73				0.01
B001114		1.54	334	3	0.53	4	1400	20	0.02	0.66	44	<10	178	<10	0.66	44	<10	178				0.01
B001115		1.94	1500	<1	0.59	40	1100	21	0.18	1.05	237	<10	114	<10	1.05	237	<10	114				0.01
B001116		0.14	346	2	0.70	4	180	24	0.01	0.13	9	<10	16	<10	0.13	9	<10	16				0.01
B001117		1.12	649	3	0.86	2	1100	25	0.07	0.59	35	<10	224	<10	0.59	35	<10	224				0.01
B001118		0.75	428	5	1.63	8	550	55	0.16	0.39	57	<10	166	<10	0.39	57	<10	166				0.01
B001119		2.91	656	1	0.53	12	2220	7	0.07	1.04	124	<10	172	<10	1.04	124	<10	172				0.01
B001120		2.45	1060	2	1.37	24	1250	12	0.07	0.79	132	<10	600	<10	0.79	132	<10	600				0.01

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Sample Description	Method Analyte Units LOR	Zn-AA46 Zn % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
B001081		<0.01	<0.01	<2
B001082		<0.01	<0.01	<2
B001083		<0.01	<0.01	<2
B001084		<0.01	<0.01	<2
B001085		<0.01	<0.01	<2
B001086		<0.01	<0.01	<2
B001087		<0.01	<0.01	<2
B001088		<0.01	<0.01	<2
B001089		<0.01	<0.01	<2
B001090		<0.01	<0.01	<2
B001091		<0.01	<0.01	<2
B001092		<0.01	<0.01	<2
B001093		<0.01	<0.01	<2
B001094		<0.01	<0.01	<2
B001095		<0.01	<0.01	<2
B001096		<0.01	<0.01	<2
B001097		<0.01	<0.01	<2
B001098		<0.01	<0.01	<2
B001099		0.01	0.01	<2
B001100		<0.01	<0.01	<2
B001101		<0.01	<0.01	<2
B001102		<0.01	<0.01	<2
B001103		<0.01	<0.01	<2
B001104		<0.01	<0.01	<2
B001105		<0.01	<0.01	<2
B001106		<0.01	<0.01	<2
B001107		<0.01	<0.01	<2
B001108		<0.01	<0.01	<2
B001109		<0.01	<0.01	<2
B001110		<0.01	<0.01	<2
B001111		<0.01	<0.01	<2
B001112		<0.01	<0.01	<2
B001113		<0.01	<0.01	<2
B001114		<0.01	<0.01	<2
B001115		<0.01	<0.01	<2
B001116		<0.01	<0.01	<2
B001117		<0.01	<0.01	<2
B001118		<0.01	<0.01	<2
B001119		<0.01	<0.01	<2
B001120		<0.01	<0.01	<2

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Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
B001121		0.72	<0.005	<0.5	8.17	12	510	1.9	<2	3.40	<0.5	19	38	36	8.98	4.14
B001122		1.18	<0.005	<0.5	7.66	<5	670	2.5	<2	1.09	<0.5	8	83	1	3.72	3.18
B001123		3.98	<0.005	<0.5	7.72	<5	870	3.4	<2	2.61	<0.5	17	39	22	8.11	4.42
B001124		2.26	<0.005	0.5	7.42	<5	640	3.8	<2	1.28	<0.5	6	72	7	2.70	2.77
B001125		1.70	<0.005	<0.5	7.01	<5	600	2.6	<2	2.62	<0.5	11	32	17	6.60	3.47
B001126		0.44	<0.005	<0.5	6.90	<5	420	2.2	<2	0.75	<0.5	2	68	13	1.61	1.32
B001127		0.50	<0.005	<0.5	7.54	5	780	3.7	<2	4.41	<0.5	30	148	3	6.45	3.56
B001128		0.90	<0.005	<0.5	7.40	<5	80	37.4	<2	0.54	<0.5	1	70	1	0.38	4.04
B001129		0.68	<0.005	<0.5	7.10	7	640	5.2	<2	2.82	<0.5	23	126	12	5.54	3.83
B001130		1.88	<0.005	<0.5	7.08	<5	340	1.5	<2	0.98	<0.5	5	40	9	2.38	2.03
B001131		0.86	<0.005	<0.5	7.02	<5	700	3.4	<2	3.31	<0.5	23	162	14	5.47	4.18
B001132		1.56	<0.005	<0.5	6.85	<5	790	2.8	<2	1.43	<0.5	9	50	8	3.98	4.17
B001133		0.38	<0.005	<0.5	6.76	<5	430	3.0	<2	3.12	<0.5	17	116	5	4.81	3.91
B001134		3.50	<0.005	<0.5	8.02	5	700	3.6	<2	3.66	<0.5	25	118	17	7.67	4.07
B001135		0.88	<0.005	<0.5	6.90	<5	410	4.3	<2	1.50	<0.5	8	81	11	3.41	3.32
B001136		0.86	<0.005	<0.5	7.49	6	500	2.6	<2	4.75	<0.5	24	93	13	6.85	3.48
B001137		2.48	<0.005	<0.5	7.49	<5	420	3.2	<2	1.55	<0.5	8	68	19	3.62	2.32
B001138		1.64	<0.005	<0.5	7.96	<5	650	3.1	<2	4.44	<0.5	28	152	17	5.57	4.48
B001139		3.42	<0.005	<0.5	7.81	<5	630	4.0	<2	1.26	<0.5	7	72	10	3.25	3.99
B001140		1.58	0.006	<0.5	7.41	<5	90	12.3	5	0.56	<0.5	<1	43	1	0.78	3.56
B001141		3.54	0.010	<0.5	7.44	<5	700	9.6	<2	1.26	1.5	8	69	18	3.42	3.83
B001142		3.46	<0.005	<0.5	7.09	<5	810	3.4	<2	0.66	<0.5	5	41	6	2.94	3.53
B001143		0.64	<0.005	<0.5	7.51	<5	380	12.3	<2	0.34	<0.5	1	55	7	1.15	3.95
B001144		1.26	<0.005	<0.5	7.49	<5	860	3.5	<2	2.96	<0.5	18	86	31	5.50	3.53
B001145		0.84	0.048	53.9	3.61	<5	520	1.7	128	1.18	461	45	60	5160	15.40	1.40
B001146		3.62	<0.005	<0.5	8.64	<5	1240	8.0	<2	3.41	<0.5	15	59	48	5.37	3.40
B001147		2.96	<0.005	<0.5	9.11	<5	1300	3.5	<2	6.02	<0.5	20	101	69	5.54	2.53
B001148		2.60	<0.005	<0.5	7.92	<5	2380	2.4	<2	4.49	<0.5	21	102	78	5.50	2.29
B001149		0.70	<0.005	<0.5	8.09	<5	540	8.8	4	1.06	<0.5	2	89	11	1.23	3.56
B001150		2.48	<0.005	<0.5	7.88	5	1300	2.2	<2	4.55	<0.5	24	63	45	7.23	1.84
B001151		1.72	<0.005	<0.5	7.79	<5	130	8.9	<2	0.88	<0.5	3	50	7	0.77	3.40
B001152		4.80	<0.005	<0.5	7.47	<5	1060	3.0	<2	3.17	<0.5	24	86	51	6.34	2.55
B001153		0.70	<0.005	<0.5	7.64	<5	290	21.7	<2	0.76	<0.5	2	51	2	0.85	3.83
B001154		1.64	<0.005	<0.5	8.22	<5	1160	2.4	<2	2.26	<0.5	24	100	45	5.89	3.10
B001155		1.18	<0.005	<0.5	8.40	<5	460	8.0	<2	1.38	<0.5	9	73	4	2.09	3.61
B001156		3.92	<0.005	<0.5	8.72	5	1030	2.6	<2	1.32	<0.5	29	101	96	5.85	3.05
B001157		3.00	<0.005	<0.5	9.66	7	1220	3.8	<2	0.73	<0.5	28	86	48	5.33	3.26
B001158		1.18	<0.005	<0.5	9.20	<5	690	2.9	<2	3.60	<0.5	29	74	23	7.59	1.89
B001159		1.12	<0.005	<0.5	8.53	<5	860	2.3	<2	1.76	<0.5	26	77	32	5.40	2.89
B001160		1.92	<0.005	<0.5	7.70	<5	90	1.8	<2	6.42	<0.5	37	93	28	8.40	0.51

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Method Analyte Units LOR	Sample Description	ME-ICP61														Pb-AA46 Pb %
		Mg %	Mn ppm	Mo ppm	Na %	NI ppm	P ppm	Pb ppm	Sb ppm	S %	Sr ppm	TI %	V ppm	W ppm	Zn ppm	
	B001121	2.31	1430	2	2.03	8	2880	7	0.27	170	1.42	151	<10	208		
	B001122	1.34	562	2	2.61	11	570	5	<0.01	80	0.43	61	<10	104		
	B001123	2.41	1150	3	1.16	11	2250	7	<0.01	142	1.09	120	<10	284		
	B001124	0.97	385	4	2.70	11	420	51	0.03	73	0.33	47	<10	62		
	B001125	1.70	1130	2	1.66	7	1530	14	0.11	258	0.79	79	<10	166		
	B001126	0.33	196	3	3.75	4	130	5	0.11	93	0.16	13	<10	29		
	B001127	4.33	1410	1	0.63	47	1020	4	0.01	76	0.91	220	<10	118		
	B001128	0.08	518	1	2.76	4	170	44	<0.01	20	0.02	3	<10	18		
	B001129	3.26	1060	<1	0.95	30	840	25	0.03	66	0.78	174	<10	134		
	B001130	0.84	348	3	3.07	4	570	18	0.07	59	0.27	31	<10	61		
	B001131	2.83	1000	2	0.71	44	740	48	0.03	85	0.76	159	<10	180		
	B001132	1.64	450	3	0.71	11	900	11	0.08	60	0.47	73	<10	84		
	B001133	2.39	810	2	0.37	30	780	25	0.02	80	0.66	122	<10	91		
	B001134	3.36	1265	5	0.40	29	1600	11	0.10	97	1.32	258	<10	131		
	B001135	1.18	617	3	2.12	6	780	9	0.10	91	0.42	65	<10	100		
	B001136	2.59	1280	1	1.28	18	1460	6	0.11	180	1.26	261	<10	108		
	B001137	1.11	559	3	2.97	9	780	13	0.09	118	0.44	53	<10	84		
	B001138	3.68	1120	4	0.92	48	720	18	0.06	108	0.72	173	<10	131		
	B001139	1.04	456	3	2.20	8	690	25	0.05	79	0.43	55	<10	90		
	B001140	0.19	327	<1	2.53	2	460	50	<0.01	46	0.08	4	<10	59		
	B001141	0.92	442	4	1.99	7	620	63	0.12	77	0.48	62	<10	401		
	B001142	0.92	317	1	2.20	3	370	18	0.04	57	0.37	46	<10	57		
	B001143	0.27	437	2	3.03	5	150	73	0.02	22	0.10	7	<10	42		
	B001144	2.27	956	1	2.17	22	940	43	0.16	200	0.71	132	<10	160		
	B001145	1.08	936	15	0.72	26	400	>10000	>10.0	65	0.21	51	<10	>10000		
	B001146	1.70	1075	1	2.20	18	1160	58	0.17	201	0.72	120	<10	269		
	B001147	2.78	1005	5	2.21	41	1280	43	0.27	344	0.75	160	<10	288		
	B001148	3.11	1015	2	1.97	65	1460	19	0.37	253	0.74	214	<10	186		
	B001149	0.48	260	2	2.71	10	470	47	0.06	92	0.12	26	<10	47		
	B001150	2.43	1215	2	1.89	30	1890	8	0.29	273	1.24	253	<10	126		
	B001151	0.20	184	1	2.73	4	290	54	0.01	88	0.10	10	<10	27		
	B001152	2.07	1155	2	1.77	29	1430	7	0.15	168	0.98	171	<10	128		
	B001153	0.24	272	1	2.91	4	480	51	<0.01	77	0.07	7	<10	46		
	B001154	1.90	745	<1	2.10	31	1150	17	0.28	271	0.81	154	<10	105		
	B001155	0.82	435	6	1.93	13	650	61	0.01	124	0.25	55	<10	114		
	B001156	1.68	1010	1	1.44	47	750	4	0.15	212	0.68	138	<10	82		
	B001157	1.37	1070	<1	1.80	55	390	5	0.09	185	0.53	100	<10	53		
	B001158	2.32	1315	5	1.41	36	1140	2	0.06	425	1.09	247	<10	86		
	B001159	1.52	1105	<1	1.65	40	570	6	0.08	354	0.66	142	<10	53		
	B001160	3.48	1680	<1	1.37	33	1250	3	0.06	549	1.29	294	<10	104		

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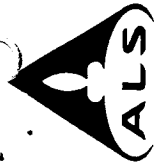
CERTIFICATE OF ANALYSIS VA04076029

Sample Description	Method Analyte Units LOR	Zn-AA46 Zn % 0.01	Hg-CV41 Hg ppm 0.01	Se ME-XRF05 ppm 2
B001121			<0.01	<2
B001122			<0.01	<2
B001123			<0.01	<2
B001124			<0.01	<2
B001125			<0.01	<2
B001126			<0.01	<2
B001127			<0.01	<2
B001128			<0.01	<2
B001129			<0.01	<2
B001130			<0.01	<2
B001131			<0.01	<2
B001132			<0.01	<2
B001133			<0.01	<2
B001134			<0.01	<2
B001135			<0.01	<2
B001136			<0.01	<2
B001137			<0.01	<2
B001138			<0.01	<2
B001139			<0.01	<2
B001140			<0.01	<2
B001141			<0.01	<2
B001142			<0.01	<2
B001143			<0.01	<2
B001144			<0.01	<2
B001145		11.90	0.50	<2
B001146			<0.01	<2
B001147			<0.01	<2
B001148			<0.01	<2
B001149			<0.01	<2
B001150			<0.01	<2
B001151			<0.01	<2
B001152			<0.01	<2
B001153			<0.01	<2
B001154			<0.01	<2
B001155			<0.01	<2
B001156			<0.01	<2
B001157			<0.01	<2
B001158			<0.01	<2
B001159			<0.01	<2
B001160			<0.01	<2

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CERTIFICATE OF ANALYSIS VA04076029

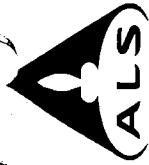
Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
	B001161	1.56	<0.005	8.49	6	1300	4.1	<2	0.92	<0.5	23	87	33	4.96	3.20
	B001162	2.90	<0.005	6.57	<5	130	8.7	<2	0.67	<0.5	2	46	2	0.64	3.10
	B001163	3.66	<0.005	8.03	<5	240	9.4	<2	0.85	<0.5	1	35	1	0.70	3.84
	B001164	1.60	<0.005	9.08	<5	710	4.5	<2	1.28	<0.5	24	98	20	5.34	3.36
	B001165	1.24	<0.005	8.05	<5	220	9.5	<2	0.93	<0.5	<1	35	2	0.54	3.72
	B001166	2.44	<0.005	9.93	<5	1000	3.5	<2	1.36	<0.5	23	88	11	5.01	3.08
	B001167	5.04	<0.005	9.57	<5	980	4.7	<2	0.75	<0.5	19	87	31	4.17	3.03
	B001168	4.02	<0.005	7.98	<5	810	2.9	<2	1.72	<0.5	28	85	43	5.20	2.33
	B001169	3.66	<0.005	8.53	7	720	4.9	<2	2.88	<0.5	27	77	25	6.08	2.43
	B001170	2.56	<0.005	6.92	<5	230	10.0	4	0.83	<0.5	1	40	2	0.63	2.41
	B001171	4.60	<0.005	6.58	6	300	8.4	3	1.00	<0.5	1	42	2	0.60	2.87
	B001172	2.60	<0.005	7.32	5	520	22.7	3	7.49	<0.5	20	83	17	5.31	1.36
	B001173	3.54	<0.005	8.17	13	240	92.7	21	13.15	<0.5	16	54	32	4.52	0.75
	B001174	4.32	<0.005	6.29	<5	710	2.4	2	2.43	<0.5	11	52	8	5.52	2.19
	B001175	4.90	<0.005	7.04	10	660	3.6	<2	2.84	<0.5	11	16	12	4.99	2.09
	B001176	3.64	<0.005	6.17	<5	580	2.7	2	1.01	<0.5	3	105	7	2.52	2.09
	B001177	1.68	<0.005	6.65	<5	630	2.2	4	3.15	<0.5	13	51	19	5.02	2.02
	B001178	0.94	<0.005	5.93	<5	570	2.3	2	1.54	<0.5	7	118	6	2.63	1.87
	B001179	1.10	<0.005	6.10	<5	610	3.7	2	1.80	<0.5	13	48	12	5.52	1.71
	B001180	1.96	<0.005	6.12	<5	550	3.4	<2	1.76	<0.5	12	90	19	3.85	1.95
	B001181	3.04	<0.005	5.92	5	340	3.0	2	1.24	<0.5	3	85	6	1.52	1.95
	B001182	3.46	<0.005	6.54	<5	370	2.8	<2	1.26	<0.5	6	52	3	1.84	1.84
	B001183	4.00	<0.005	6.43	5	490	2.5	<2	2.36	<0.5	13	69	8	4.64	1.84
	B001184	2.26	<0.005	6.57	9	480	2.9	2	0.88	<0.5	4	96	2	1.80	1.81
	B001185	1.94	<0.005	6.34	7	350	4.9	<2	5.09	<0.5	5	27	1	3.99	2.20
	B001186	4.52	<0.005	6.57	<5	360	3.8	<2	0.44	<0.5	2	100	3	1.70	1.72
	B001187	2.82	<0.005	6.75	<5	300	4.0	2	0.55	<0.5	2	112	7	1.24	1.43
	B001188	0.72	<0.005	7.62	<5	420	5.1	2	0.82	<0.5	15	165	2	4.44	2.05
	B001189	1.98	<0.005	7.76	10	590	4.5	<2	0.74	<0.5	7	100	1	2.66	2.05
	B001190	1.26	<0.005	6.68	6	790	4.6	3	0.59	<0.5	4	62	4	2.36	1.97
	B001191	1.70	<0.005	7.01	<5	730	3.8	<2	0.76	<0.5	4	107	4	2.44	2.06
	B001192	2.42	<0.005	7.62	<5	900	3.4	2	1.27	<0.5	5	79	9	2.87	2.04
	B001193	3.30	<0.005	6.73	<5	830	2.6	<2	1.08	<0.5	8	64	7	3.44	2.05
	B001194	3.88	<0.005	7.18	5	440	11.7	8	1.02	<0.5	1	96	62	0.81	2.45
	B001195	3.58	<0.005	6.66	<5	320	4.5	<2	0.69	<0.5	4	66	3	2.92	1.84
	B001196	3.70	<0.005	6.86	6	470	6.6	<2	0.89	<0.5	2	106	35	0.83	2.29
	B001197	3.04	<0.005	6.96	<5	480	7.8	2	0.87	<0.5	2	69	5	0.86	2.22
	B001198	3.58	<0.005	7.06	<5	480	6.2	2	0.86	<0.5	1	105	1	0.84	2.41
	B001199	3.36	<0.005	6.92	7	430	7.2	2	0.84	<0.5	1	79	2	0.78	2.41
	B001200	2.94	<0.005	6.65	<5	570	9.6	2	1.08	<0.5	2	109	37	0.75	3.02



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Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Pb-AAA6
Sample Description	Mg %	Mn ppm	Mo ppm	Na %	NI ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm	Pb %			
	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2	0.01			0.01
B001161	1.19	723	<1	1.27	47	470	6	0.09	<5	238	0.54	109	<10	49				
B001162	0.18	175	<1	2.20	6	200	50	<0.01	<5	70	0.08	12	<10	18				
B001163	0.19	201	<1	2.52	4	390	52	<0.01	<5	110	0.09	7	<10	50				
B001164	1.34	709	1	1.33	46	480	10	0.07	<5	248	0.57	128	<10	67				
B001165	0.13	180	<1	2.54	4	310	49	<0.01	<5	111	0.06	4	<10	41				
B001166	1.50	814	1	2.14	50	550	4	0.03	<5	349	0.57	126	<10	45				
B001167	1.22	884	<1	1.97	48	430	4	0.03	<5	234	0.49	95	<10	37				
B001168	1.22	943	<1	1.58	44	710	2	0.12	<5	390	0.58	117	<10	37				
B001169	1.44	973	1	1.38	40	850	8	0.06	<5	277	0.92	213	<10	58				
B001170	0.17	181	1	2.27	2	250	46	<0.01	<5	106	0.06	9	<10	27				
B001171	0.18	239	1	2.47	3	300	44	<0.01	<5	123	0.07	7	<10	39				
B001172	2.86	1210	<1	2.17	35	930	6	0.09	<5	731	0.87	146	<10	94				
B001173	1.40	1120	<1	1.48	29	540	10	0.27	<5	1120	0.39	81	<10	65				
B001174	1.35	645	2	2.48	15	1230	8	0.04	<5	213	0.57	81	<10	56				
B001175	1.20	1010	3	2.68	1	2150	8	0.06	<5	267	0.81	83	<10	81				
B001176	0.28	397	3	2.13	3	360	19	0.04	<5	150	0.23	14	<10	46				
B001177	1.65	757	2	1.98	12	1020	10	0.08	<5	284	0.76	112	<10	70				
B001178	0.72	387	3	2.18	14	760	8	0.03	<5	139	0.66	66	<10	40				
B001179	1.26	786	<1	1.00	7	1130	9	0.07	<5	141	0.85	144	<10	88				
B001180	0.80	501	3	1.43	9	810	12	0.14	<5	153	0.53	96	<10	55				
B001181	0.29	277	1	2.27	2	430	16	0.01	<5	129	0.17	24	<10	28				
B001182	0.51	271	1	2.14	8	430	12	0.01	<5	137	0.19	34	<10	30				
B001183	1.80	605	1	1.94	14	840	5	0.03	<5	185	0.66	126	<10	63				
B001184	0.61	202	2	3.06	5	560	15	0.01	<5	96	0.22	27	<10	24				
B001185	1.46	603	2	1.54	4	400	16	0.01	<5	512	0.25	21	<10	63				
B001186	0.55	152	4	3.04	3	430	15	<0.01	<5	78	0.18	13	<10	18				
B001187	0.39	107	4	3.78	4	330	9	<0.01	<5	89	0.15	15	<10	10				
B001188	1.19	284	1	1.78	34	610	<2	<0.01	<5	118	0.42	74	<10	29				
B001189	0.53	150	3	3.02	15	570	<2	0.01	<5	116	0.28	37	<10	17				
B001190	0.55	172	6	2.85	7	580	9	<0.01	<5	98	0.25	28	<10	15				
B001191	0.46	163	4	2.42	6	510	9	0.01	<5	96	0.23	23	<10	14				
B001192	0.65	249	3	3.29	7	770	6	0.08	<5	136	0.34	31	<10	21				
B001193	1.26	360	1	2.24	7	780	4	0.04	<5	121	0.44	60	<10	40				
B001194	0.25	152	1	1.86	5	330	63	0.16	<5	273	0.09	5	<10	21				
B001195	1.04	269	2	2.39	4	450	16	0.01	<5	85	0.20	24	<10	42				
B001196	0.26	184	1	2.43	4	310	62	0.02	<5	170	0.11	8	<10	32				
B001197	0.26	201	1	2.66	6	330	68	0.01	<5	167	0.11	10	<10	49				
B001198	0.26	174	13	2.79	5	270	72	<0.01	<5	165	0.11	10	<10	47				
B001199	0.23	184	9	2.77	6	290	70	<0.01	<5	144	0.10	9	<10	45				
B001200	0.26	162	2	2.07	6	330	63	0.05	<5	366	0.10	5	<10	23				



CERTIFICATE VA04083185

Project: 1638-D

P.O. No.:

This report is for 100 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 25-NOV-2004.

The following have access to data associated with this certificate:

JASON DUNNING

ACCOUNTS PAYABLE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Ag-GRA21	Ag 30g FA-GRAY finish	WST-SIM
ME-XRF05	Trace Level XRF Analysis	XRF
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	38 element fusion ICP-MS	ICP-MS
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS

To: YUKON ZINC CORPORATION
 ATTN: JASON DUNNING
 701-475 HOWE ST
 VANCOUVER BC V6C 2B3

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

CERTIFICATE OF ANALYSIS VA04083185

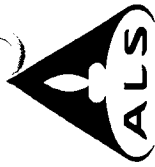
Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	Au ppm	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
B000601		3.98	<0.005	<0.005	<0.5	7.00	<5	350	82.2	<2	5.99	<0.5	8	66	29	5.06	4.18
B000602		1.18	<0.005	<0.5	<0.5	7.77	<5	230	29.8	<2	1.71	<0.5	7	77	9	1.28	6.24
B000603		0.76	<0.005	<0.5	<0.5	7.36	<5	340	35.7	<2	7.98	<0.5	17	205	20	6.42	3.92
B000604		2.18	<0.005	<0.5	<0.5	6.93	<5	570	7.1	<2	1.07	<0.5	1	82	5	1.80	4.15
B000605		2.50	<0.005	<0.5	<0.5	6.90	<5	700	4.2	<2	1.18	<0.5	2	97	4	1.95	3.23
B000606		0.14	2.19	87.2	210	0.62	<5	70	<0.5	15	0.21	>500	3	<1	>10000	14.50	0.25
B000607		2.64	<0.005	0.6	3.09	7.85	<5	330	3.9	<2	0.42	2.7	5	252	83	2.68	1.36
B000608		2.68	<0.005	<0.5	7.00	8.02	<5	560	5.0	<2	3.13	<0.5	2	58	9	2.25	1.75
B000609		2.54	<0.005	<0.5	6.97	6.54	<5	840	4.4	<2	2.18	<0.5	2	139	11	2.67	1.64
B000610		1.98	<0.005	<0.5	6.54	6.63	<5	570	3.5	<2	1.47	<0.5	1	66	4	1.66	2.16
B000611		3.64	0.017	1.5	2.13	7.68	<5	270	3.3	<2	2.48	13.5	10	198	218	9.29	0.77
B000612		2.86	<0.005	<0.5	7.85	8.38	<5	1370	35.2	<2	9.86	<0.5	39	271	48	6.33	2.88
B000613		3.58	<0.005	<0.5	8.02	6.58	<5	2140	16.9	<2	7.12	<0.5	31	170	86	6.29	4.39
B000614		1.36	<0.005	0.5	1.54	3.12	<5	370	2.3	<2	1.44	5.8	7	247	85	2.60	0.59
B000615		0.96	<0.005	<0.5	6.63	7.46	<5	430	10.4	<2	2.20	<0.5	1	58	8	1.84	3.49
B000616		3.10	<0.005	<0.5	7.68	7.88	<5	2800	19.2	<2	8.09	<0.5	25	132	54	6.23	4.55
B000617		2.14	<0.005	<0.5	8.38	8.38	<5	850	18.2	<2	3.01	62.3	30	237	83	3.12	4.19
B000618		1.16	<0.005	3.8	6.58	5.20	<5	150	2.0	<2	1.55	175.5	47	256	218	3.60	2.74
B000619		0.96	0.008	2.4	3.12	3.12	34	700	1.7	<2	0.86	380	16	184	51	3.17	1.13
B000620		1.76	<0.005	3.9	1.28	1.28	10	190	1.5	2	0.49	47.7	9	211	173	3.72	0.49
B000621		0.94	<0.005	<0.5	7.46	7.46	<5	1690	28.5	<2	6.09	4.7	14	192	110	4.67	3.89
B000622		0.44	<0.005	<0.5	2.94	2.94	<5	1050	26.8	<2	2.53	4.9	11	193	70	2.10	1.39
B000623		0.76	<0.005	0.7	5.20	5.20	<5	660	8.8	2	1.43	10.6	10	122	100	2.32	1.76
B000624		0.72	<0.005	<0.5	2.43	2.43	10	500	4.9	<2	5.36	1.3	3	160	55	2.64	1.11
B000625		2.44	<0.005	<0.5	2.74	2.74	5	560	3.8	<2	1.37	2.4	5	144	58	2.31	1.14
B000626		3.64	<0.005	0.6	3.11	3.11	<5	100	4.2	<2	0.69	1.3	6	126	62	2.67	1.14
B000627		3.56	0.011	1.0	3.18	3.18	<5	220	5.2	<2	1.69	<0.5	8	94	20	0.97	1.51
B000628		3.06	<0.005	<0.5	2.97	2.97	<5	2110	3.8	2	1.36	<0.5	6	114	56	1.50	1.04
B000629		0.82	<0.005	<0.5	3.55	3.55	<5	970	3.7	2	1.46	2.3	6	133	78	2.83	1.44
B000630		2.96	<0.005	<0.5	6.95	6.95	<5	3480	7.1	2	3.13	<0.5	8	60	13	1.84	3.94
B000631		1.54	0.019	<0.5	7.03	7.03	<5	1660	4.7	3	1.92	<0.5	18	73	21	6.14	5.28
B000632		0.62	<0.005	<0.5	5.95	5.95	<5	500	2.0	<2	1.68	<0.5	3	54	2	0.97	1.74
B000633		1.26	<0.005	<0.5	6.51	6.51	<5	1060	26.1	<2	3.83	<0.5	23	112	8	5.81	5.30
B000634		3.42	<0.005	<0.5	7.50	7.50	<5	1100	13.7	<2	4.13	<0.5	21	115	25	6.03	5.57
B000635		0.50	<0.005	<0.5	5.88	5.88	<5	660	10.0	2	1.92	<0.5	4	67	25	1.72	6.14
B000636		0.52	<0.005	<0.5	6.60	6.60	<5	900	17.3	<2	5.26	<0.5	25	155	34	5.85	3.90
B000637		0.84	<0.005	<0.5	5.89	5.89	<5	800	13.4	2	2.18	<0.5	6	76	18	2.08	4.40
B000638		1.26	<0.005	<0.5	7.36	7.36	<5	1030	12.8	<2	4.06	<0.5	27	128	72	7.21	4.80
B000639		3.00	<0.005	<0.5	6.64	6.64	<5	1640	2.3	<2	0.56	<0.5	5	35	13	3.23	4.39
B000640		1.58	<0.005	<0.5	6.52	6.52	<5	1380	5.4	<2	0.32	<0.5	4	27	10	3.43	4.57

CERTIFICATE OF ANALYSIS VA04083185

Method Analyte Units LOR	ME-ICP61 Mg %	ME-ICP61 Min ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sr ppm	ME-ICP61 Ti %	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	Cu-AA46 Cu %
B000601	1.44	2080	1	0.66	10	1330	29	0.30	<5	68	0.62	78	40	72	0.01
B000602	0.27	1135	3	1.08	10	1200	72	0.05	<5	81	0.20	19	<10	30	
B000603	2.39	2330	2	0.36	27	750	19	0.21	<5	123	0.61	124	10	75	
B000604	1.01	246	3	0.20	3	160	5	0.08	<5	49	0.13	8	<10	16	
B000605	0.96	306	2	0.28	4	150	7	0.11	<5	47	0.14	9	<10	27	
B000606	0.05	160	127	0.02	111	20	>10000	>10.0	62	60	0.01	45	20	>10000	2.35
B000607	0.31	294	10	0.03	54	1170	77	1.39	7	10	0.10	275	<10	684	
B000608	0.89	568	3	0.34	6	170	16	0.15	<5	77	0.17	12	<10	63	
B000609	1.07	575	5	0.89	14	170	14	0.08	<5	110	0.18	10	<10	32	
B000610	0.95	204	3	0.77	2	150	12	0.03	<5	79	0.14	11	<10	48	
B000611	0.59	2620	4	0.05	167	3080	484	3.87	<5	61	0.12	338	<10	1720	
B000612	2.59	2010	1	0.62	184	2130	45	0.34	<5	358	1.07	250	<10	234	
B000613	1.48	1480	1	0.58	77	2030	55	0.96	<5	317	1.27	262	10	150	
B000614	0.13	495	9	0.01	104	1650	141	1.54	<5	33	0.06	257	<10	900	
B000615	0.62	497	4	1.16	2	160	10	0.09	<5	94	0.13	8	<10	21	
B000616	1.91	1405	1	0.56	50	1820	57	0.48	<5	442	1.28	253	10	285	
B000617	0.59	1140	3	0.83	84	1990	152	1.58	<5	136	0.94	264	<10	8960	
B000618	0.22	409	4	0.09	138	2100	590	3.85	<5	25	0.29	232	10	>10000	
B000619	0.08	133	5	0.04	65	1430	357	5.18	<5	12	0.16	114	<10	>10000	
B000620	0.09	136	7	0.01	84	900	1300	2.74	<5	94	0.04	120	<10	6280	
B000621	0.98	1685	10	0.19	68	1720	72	1.01	<5	261	0.76	308	10	1045	
B000622	0.23	506	5	0.03	69	860	41	0.72	<5	69	0.22	107	<10	733	
B000623	0.33	348	10	0.02	57	990	213	1.44	<5	33	0.29	116	<10	1360	
B000624	1.70	773	4	0.01	35	1360	77	0.83	<5	73	0.07	208	<10	327	
B000625	0.49	369	14	0.02	48	1440	84	1.45	<5	25	0.09	241	<10	723	
B000626	0.30	328	6	0.02	50	1970	54	1.91	<5	16	0.09	249	<10	453	
B000627	0.33	2320	2	0.05	36	660	36	0.69	<5	89	0.13	142	<10	132	
B000628	0.41	829	2	0.03	36	920	26	0.35	<5	35	0.12	122	<10	117	
B000629	0.43	780	7	0.03	48	940	84	1.22	<5	27	0.12	208	<10	516	
B000630	0.50	630	4	0.24	13	510	20	0.18	<5	103	0.30	53	20	33	
B000631	1.56	499	3	0.29	22	1060	16	0.21	<5	85	0.79	142	<10	72	
B000632	0.23	271	3	2.84	3	240	6	0.01	<5	49	0.19	25	<10	11	
B000633	2.60	938	3	0.36	43	780	22	0.04	<5	110	0.75	172	10	124	
B000634	2.22	772	2	0.38	47	750	21	0.08	<5	115	0.65	154	30	116	
B000635	0.32	320	3	0.45	7	130	29	0.26	<5	59	0.16	20	<10	48	
B000636	2.01	981	1	0.44	53	710	19	0.16	<5	174	0.72	199	10	130	
B000637	0.32	422	1	0.83	7	560	35	0.18	<5	71	0.37	53	<10	44	
B000638	2.75	1240	1	0.36	61	960	17	0.13	<5	138	0.90	208	<10	132	
B000639	0.66	400	3	0.36	2	440	14	0.35	<5	28	0.36	31	<10	93	
B000640	0.65	323	3	0.28	2	540	7	0.53	<5	20	0.39	41	<10	55	

CERTIFICATE OF ANALYSIS VA04083185

Method Analyte Units LOR	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zn ppm	ME-MS81 Zr ppm
B000601	0.1	0.5	0.1	1	0.5	0.1	0.5	5	1	0.5	0.1	5	0.5
B000602	31.4	17.7	0.5	8	1.2	0.2	16.0	11	4	19.3	1.8	77	82.9
B000603													
B000604													
B000605													
B000606													
B000607													
B000608													
B000609													
B000610													
B000611													
B000612													
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B000638													
B000639													
B000640													



212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083185

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
B000641	2.66	<0.005	<0.5	6.47	<5	1570	2.2	<2	0.65	<0.5	6	49	11	3.62	0.01
B000642	3.34	<0.005	<0.5	6.51	<5	270	96.9	<2	0.59	<0.5	<1	46	6	0.47	5.17
B000643	0.52	<0.005	<0.5	7.03	<5	1230	9.4	<2	1.15	<0.5	17	84	20	4.35	5.19
B000644	2.76	<0.005	<0.5	5.96	5	1230	3.0	2	0.92	<0.5	3	64	7	1.18	4.64
B000645	1.34	<0.005	<0.5	7.20	5	1140	7.7	<2	3.88	<0.5	19	100	27	1.18	4.22
B000646	2.34	<0.005	<0.5	5.96	<5	1220	2.9	<2	2.53	0.5	8	82	26	5.12	4.97
B000647	0.64	<0.005	<0.5	2.70	<5	670	1.5	<2	1.41	<0.5	9	88	34	2.22	4.70
B000648	0.38	<0.005	<0.5	7.51	<5	640	41.8	<2	0.45	<0.5	1	44	3	0.34	2.26
B000649	0.98	<0.005	<0.5	6.58	<5	1130	3.0	<2	0.71	<0.5	5	47	10	2.36	5.65
B000650	3.18	<0.005	<0.5	6.86	8	1160	7.3	<2	1.18	<0.5	13	80	15	4.40	4.56
B000651	2.46	<0.005	<0.5	6.18	<5	720	5.1	<2	1.19	<0.5	5	53	13	1.69	5.60
B000652	4.48	<0.005	<0.5	7.96	<5	2390	15.2	<2	6.63	2.5	22	82	95	6.02	5.33
B000653	2.80	<0.005	<0.5	6.21	<5	880	5.2	<2	2.65	<0.5	8	50	20	2.42	4.24
B000654	0.48	<0.005	<0.5	6.51	<5	150	36.9	<2	0.70	<0.5	1	60	22	0.81	4.47
B000655	0.86	<0.005	<0.5	7.88	<5	1180	4.9	<2	1.08	<0.5	18	42	23	6.99	4.32
B000656	3.14	<0.005	<0.5	6.88	<5	1130	5.9	<2	2.80	<0.5	10	108	20	2.46	5.66
B000657	1.82	<0.005	<0.5	5.54	<5	930	4.8	<2	2.51	<0.5	6	68	5	1.06	4.64
B000658	1.28	<0.005	<0.5	7.25	<5	170	102.0	4	0.63	<0.5	1	43	16	0.60	5.17
B000659	0.66	<0.005	<0.5	5.22	5	760	4.6	<2	1.97	<0.5	2	34	4	0.57	4.44
B000660	3.50	<0.005	<0.5	6.39	<5	790	3.1	<2	1.10	0.6	1	43	1	0.97	5.45
B000661	4.06	<0.005	0.5	5.98	5	680	3.0	<2	3.15	1.9	11	59	65	1.31	4.71
B000662	2.98	<0.005	<0.5	6.77	<5	980	3.3	<2	1.33	<0.5	19	83	50	4.51	4.79
B000663	3.86	<0.005	<0.5	6.39	<5	600	9.5	<2	2.03	<0.5	2	42	5	6.14	4.91
B000664	3.32	<0.005	<0.5	6.52	<5	490	5.7	<2	1.20	<0.5	2	48	1	1.41	3.75
B000665	3.64	<0.005	<0.5	6.31	<5	420	4.1	<2	1.52	<0.5	1	56	2	0.97	3.39
B000666	3.16	<0.005	<0.5	6.16	<5	470	5.6	<2	0.86	<0.5	1	56	1	1.08	3.16
B000667	3.86	<0.005	<0.5	6.24	<5	640	4.4	<2	0.84	<0.5	1	56	1	0.99	3.19
B000668	2.64	<0.005	<0.5	6.24	<5	720	2.9	<2	1.35	<0.5	4	54	12	1.52	3.60
B000669	1.42	<0.005	<0.5	7.45	<5	870	7.9	<2	3.42	<0.5	20	40	47	2.68	4.07
B000670	3.34	<0.005	<0.5	6.07	<5	600	2.2	<2	0.58	<0.5	1	46	1	4.68	5.17
B000671	3.70	<0.005	<0.5	5.93	<5	660	4.1	<2	1.24	<0.5	4	52	5	1.44	3.24
B000672	1.64	<0.005	<0.5	7.11	<5	1310	3.7	<2	2.61	<0.5	11	87	26	1.90	3.89
B000673	1.82	<0.005	<0.5	6.04	<5	670	1.9	<2	4.53	<0.5	4	32	3	2.95	5.01
B000674	2.16	<0.005	<0.5	6.81	5	1070	2.5	<2	1.20	2.5	4	47	45	1.32	4.63
B000675	0.30	<0.005	<0.5	7.95	6	530	13.9	<2	1.60	<0.5	4	36	3	2.27	4.91
B000676	3.64	<0.005	<0.5	7.42	<5	1130	9.0	2	3.25	<0.5	26	73	54	0.99	5.83
B000677	5.06	<0.005	<0.5	6.55	<5	870	4.5	<2	0.63	<0.5	5	55	14	6.06	5.34
B000678	1.58	<0.005	<0.5	7.06	<5	1260	28.4	<2	4.64	<0.5	33	147	82	1.96	3.75
B000679	0.44	<0.005	<0.5	5.77	<5	1000	2.1	<2	1.20	<0.5	4	46	4	6.10	5.22
B000680	1.12	<0.005	<0.5	8.96	<5	1230	8.7	<2	5.76	<0.5	36	160	71	1.56	4.34
														6.96	5.46

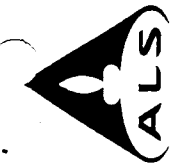
Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083185

Sample Description	Method Analyte Units LOR	ME-ICP61														
		Mg %	Mn ppm	Mo ppm	Na %	NI ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm	Cu %
B000641		0.65	324	3	0.25	6	550	12	0.80	<5	34	0.38	46	<10	72	0.01
B000642		0.05	889	3	1.64	3	150	52	0.13	<5	17	0.03	6	<10	21	
B000643		1.27	445	2	0.30	21	800	29	0.81	<5	56	0.47	124	10	118	
B000644		0.21	225	4	0.58	5	210	27	0.40	<5	49	0.17	17	<10	53	
B000645		1.58	1065	3	0.46	28	890	30	0.35	<5	112	0.77	168	<10	120	
B000646		0.48	476	2	0.51	20	340	57	0.49	<5	62	0.33	59	<10	163	
B000647		0.10	206	1	0.11	9	220	38	0.88	<5	40	0.11	22	50	23	
B000648		0.04	324	<1	1.16	4	270	55	0.03	<5	72	0.02	4	<10	25	
B000649		0.61	291	4	0.66	6	330	35	0.24	<5	34	0.26	30	<10	118	
B000650		1.22	446	3	0.31	16	780	25	0.71	<5	49	0.47	104	<10	112	
B000651		0.59	378	5	0.57	13	230	28	0.17	<5	42	0.19	30	<10	71	
B000652		1.33	1600	2	0.42	46	2210	58	0.99	<5	321	1.39	269	10	565	
B000653		0.49	563	4	0.41	10	710	22	0.40	<5	54	0.43	43	<10	87	
B000654		0.15	691	9	1.76	4	580	45	0.12	<5	17	0.10	12	<10	28	
B000655		1.96	598	3	0.46	21	2460	16	0.57	<5	31	0.93	132	<10	146	
B000656		0.69	662	5	0.39	23	520	21	0.28	<5	57	0.39	71	<10	80	
B000657		0.17	573	5	0.61	17	290	53	0.22	<5	65	0.27	23	<10	95	
B000658		0.07	982	1	2.54	3	190	33	0.08	<5	20	0.03	3	<10	62	
B000659		0.07	319	8	0.41	1	380	37	0.10	<5	71	0.27	16	<10	14	
B000660		0.62	364	3	0.26	3	130	27	0.11	<5	28	0.12	8	<10	117	
B000661		0.25	577	4	0.62	11	1260	96	2.82	<5	59	0.51	61	<10	338	
B000662		1.83	568	3	0.26	21	1260	36	1.09	<5	40	0.71	172	10	224	
B000663		0.79	504	4	0.64	3	250	19	0.09	<5	58	0.14	13	<10	38	
B000664		0.61	310	2	1.27	3	140	9	<0.01	<5	41	0.11	7	<10	35	
B000665		0.57	444	2	1.14	5	130	22	<0.01	<5	54	0.11	6	<10	33	
B000666		0.56	263	7	1.19	3	130	21	<0.01	<5	41	0.12	7	<10	24	
B000667		0.56	314	3	0.68	2	130	18	0.01	<5	38	0.11	6	<10	23	
B000668		1.00	377	4	0.21	5	380	8	0.28	<5	47	0.27	42	<10	28	
B000669		1.30	950	4	0.24	10	1860	16	0.88	<5	98	0.81	142	<10	61	
B000670		0.67	309	3	1.19	6	120	24	0.04	<5	21	0.11	8	<10	38	
B000671		0.96	393	2	0.75	5	220	22	0.09	<5	43	0.19	33	<10	39	
B000672		0.57	635	3	0.33	22	610	22	0.56	<5	55	0.48	95	<10	117	
B000673		0.43	972	2	0.31	4	140	35	0.29	<5	88	0.10	17	<10	57	
B000674		0.35	320	2	0.29	6	320	75	0.56	<5	46	0.26	19	<10	472	
B000675		0.32	537	11	0.43	4	790	50	0.12	<5	139	0.25	58	<10	25	
B000676		2.02	1015	1	0.33	25	1660	35	0.65	<5	91	1.00	201	<10	183	
B000677		0.79	317	2	1.31	4	250	29	0.29	<5	23	0.16	19	<10	77	
B000678		2.50	1325	1	0.28	43	950	72	0.86	<5	123	0.88	241	<10	261	
B000679		0.86	343	<1	0.34	2	200	43	0.06	<5	49	0.13	41	<10	54	
B000680		3.01	1500	<1	0.28	42	1000	52	0.68	<5	148	1.03	284	640	234	

CERTIFICATE OF ANALYSIS VA04083185

Method Analyte Units LOR	Sample Description	ME-ICP61															
		WEI-21 Recvd Wt. kg	Au-A23 Au ppm	Ag ppm	AI %	As ppm	Ba ppm	Be ppm	BI ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	
B000681		0.92	<0.005	<0.5	8.20	9	2.6	<2	1.78	<0.5	26	144	4	5.93	0.01	0.01	
B000682		1.22	<0.005	<0.5	6.97	<5	2.3	<2	0.74	0.9	7	62	9	2.82		5.47	
B000683		1.18	<0.005	<0.5	8.04	6	3.9	<2	2.99	<0.5	28	127	19	7.19		4.76	
B000684		1.10	<0.005	<0.5	6.54	12	2.4	<2	1.86	<0.5	6	67	22	3.09		6.24	
B000685		3.26	<0.005	<0.5	6.26	6	2.5	<2	0.41	<0.5	2	44	11	1.60		3.66	
B000686		1.72	<0.005	0.5	7.02	7	3.0	<2	1.55	<0.5	9	85	73	2.66		4.48	
B000687		3.18	<0.005	<0.5	6.25	<5	2.5	<2	1.22	<0.5	4	54	16	1.46		2.04	
B000688		0.90	<0.005	<0.5	8.45	<5	4.5	<2	3.37	<0.5	9	84	28	2.03		2.91	
B000689		1.06	<0.005	<0.5	6.32	<5	2.5	<2	2.62	<0.5	10	100	42	2.65		4.11	
B000690		0.12	4.63	>100	1.04	671	<0.5	39	1.57	>500	1	<1	>10000			0.29	
B000691		0.40	<0.005	0.6	7.52	<5	4.0	<2	3.77	1.5	15	187	72	3.35		5.35	
B000692		1.12	<0.005	<0.5	6.63	<5	2.8	<2	2.21	1.0	4	79	15	1.77		3.87	
B000693		2.72	<0.005	<0.5	6.48	<5	2.0	<2	1.46	<0.5	3	80	14	1.42		2.37	
B000694		1.54	<0.005	<0.5	7.13	<5	3.2	<2	1.74	<0.5	11	66	34	4.48		4.36	
B000695		0.30	<0.005	0.8	6.69	<5	2.8	<2	0.43	0.6	3	47	7	1.79		4.28	
B000696		1.22	<0.005	<0.5	9.08	<5	3.7	<2	1.19	<0.5	17	34	42	6.46		5.92	
B000697		0.58	<0.005	<0.5	6.70	<5	2.8	<2	0.94	<0.5	11	112	64	3.60		5.24	
B000698		3.00	<0.005	<0.5	7.43	<5	7.4	3	5.61	<0.5	38	67	73	9.12		5.02	
B000699		0.38	<0.005	<0.5	6.77	5	90.5	<2	3.05	1.9	11	79	30	3.79		4.39	
B000700		3.38	<0.005	<0.5	6.15	<5	2.9	<2	1.04	<0.5	2	61	11	1.81		3.35	



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VANCOUVER BC V6C 2B3

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Total # Pages: 4 (A - F)
Finalized Date: 22-DEC-2004
Account: MPO

Project: 1638-D

CERTIFICATE OF ANALYSIS VA04083185

Method Analyte Units LOR	Sample Description	ME-ICP61														Cu-AA46 Cu %
		Mg %	Mn ppm	Mo ppm	Na %	NI ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	TI %	V ppm	W ppm	Zn ppm	
	B000681	3.49	964	3	0.25	53	830	63	0.28	70	0.81	198	<10	206	0.01	
	B000682	1.44	383	2	0.47	11	490	24	0.12	37	0.28	40	<10	79		
	B000683	4.50	1270	2	0.19	70	1040	22	0.18	63	0.78	150	<10	212		
	B000684	1.55	583	1	0.21	11	580	11	0.34	61	0.29	38	20	73		
	B000685	0.87	247	1	0.65	2	120	14	0.13	19	0.12	8	<10	32		
	B000686	1.16	594	2	0.69	18	640	85	0.70	58	0.24	45	<10	108		
	B000687	0.34	349	1	2.42	8	240	27	0.54	48	0.12	14	<10	82		
	B000688	0.64	734	<1	2.39	18	360	50	0.68	137	0.28	28	<10	81		
	B000689	1.52	1045	2	0.36	27	250	32	0.40	73	0.29	67	<10	130		
	B000690	0.20	481	97	0.07	85	170	>10000	>10.0	74	0.02	41	30	>10000	3.81	
	B000691	1.88	1340	2	0.33	42	590	113	0.56	111	0.55	143	<10	385		
	B000692	0.84	646	2	0.84	19	400	91	0.35	68	0.19	37	<10	170		
	B000693	0.48	368	1	2.06	12	270	30	0.42	59	0.13	16	<10	99		
	B000694	1.34	604	2	0.50	11	1460	47	1.64	66	0.33	73	<10	178		
	B000695	0.99	334	2	0.46	4	280	134	0.11	28	0.15	24	<10	81		
	B000696	2.10	662	<1	0.54	15	2480	62	1.73	74	0.47	88	<10	196		
	B000697	1.60	516	1	0.22	30	340	29	0.54	73	0.33	86	<10	83		
	B000698	3.28	1215	<1	0.19	34	1480	25	0.52	160	1.34	319	10	226		
	B000699	1.21	2930	1	0.30	14	950	46	0.08	105	0.42	119	<10	425		
	B000700	0.64	261	3	1.24	3	180	35	0.16	61	0.14	36	<10	75		

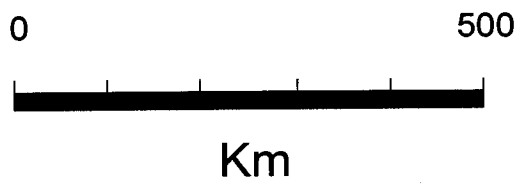
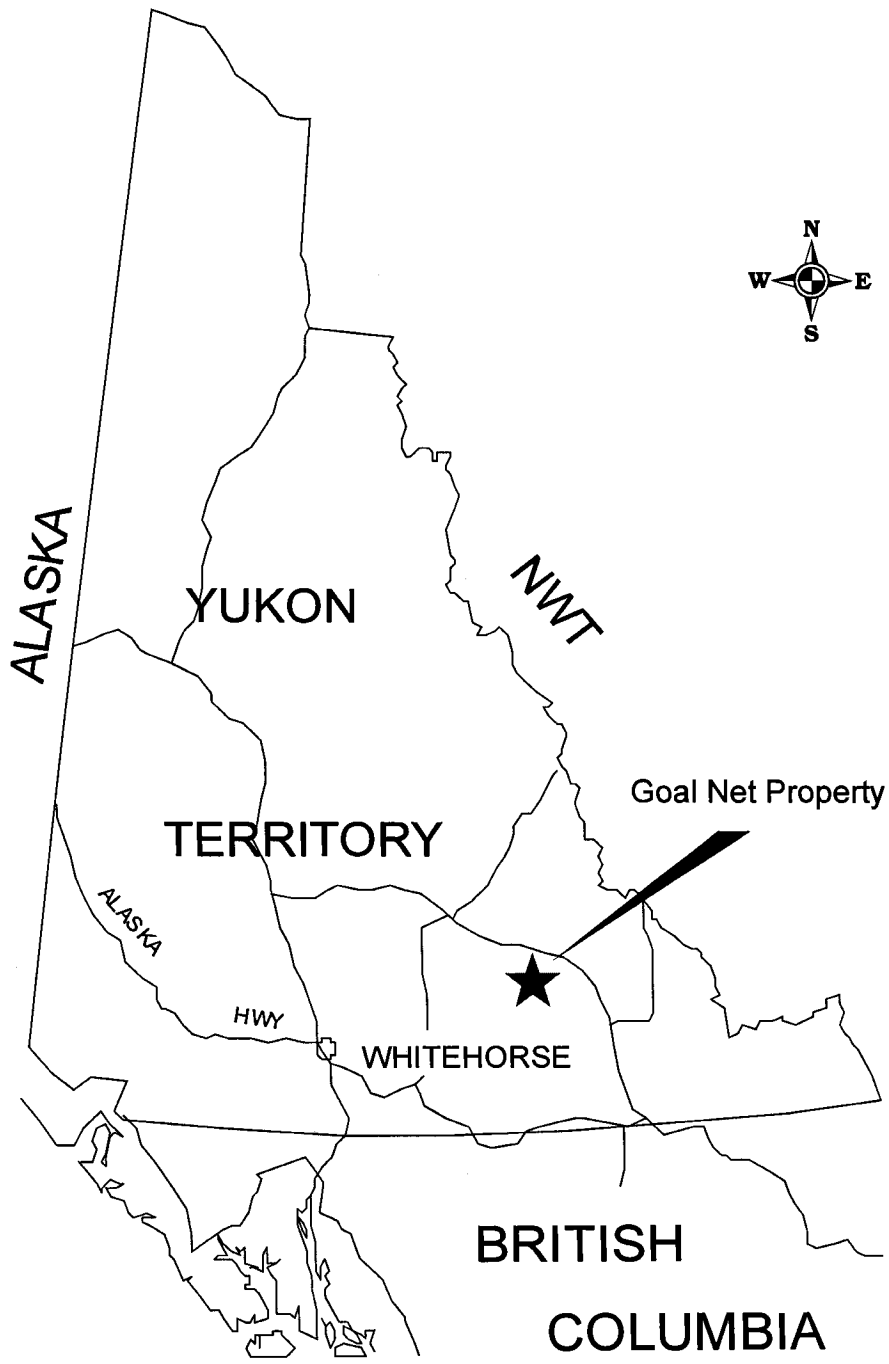
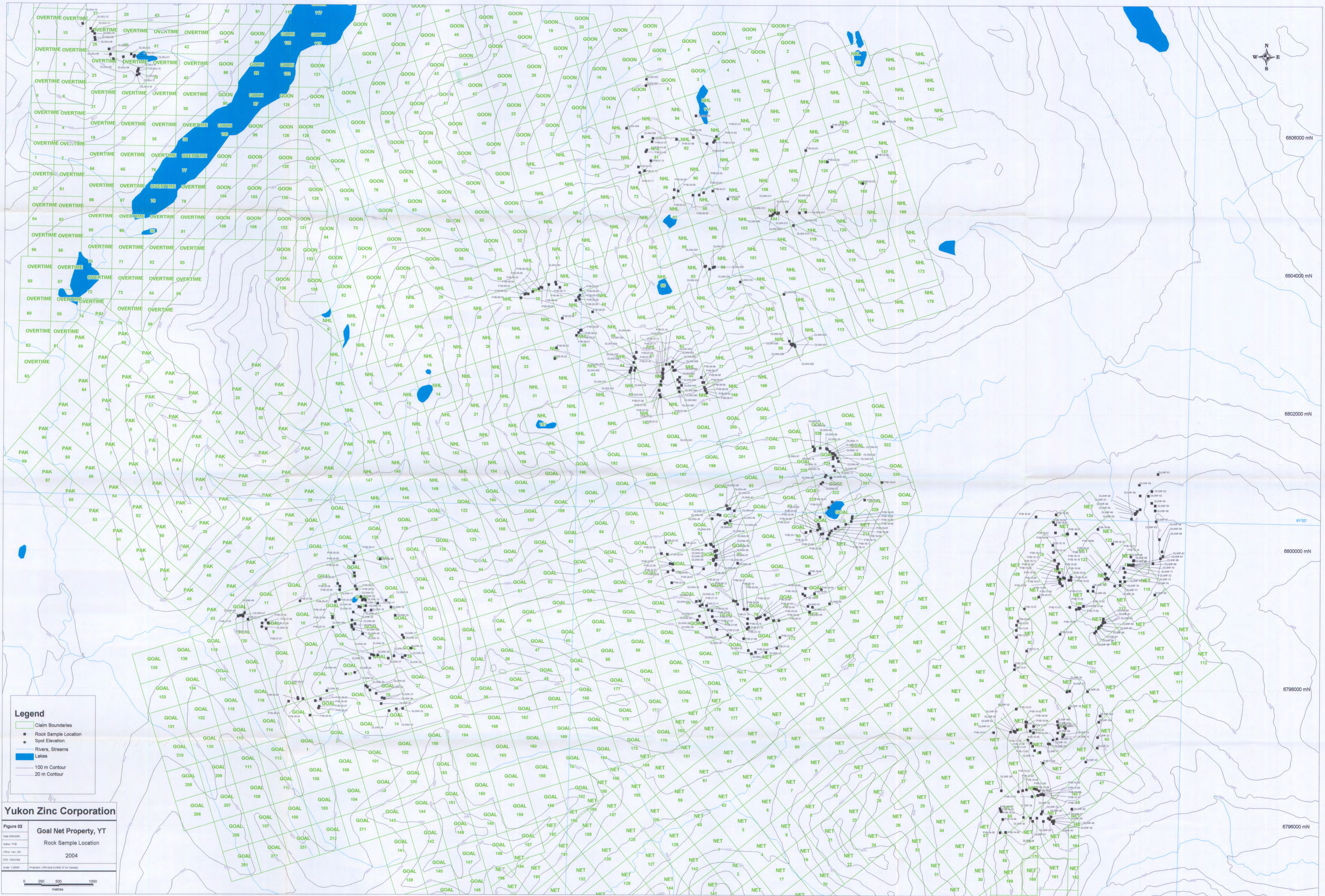
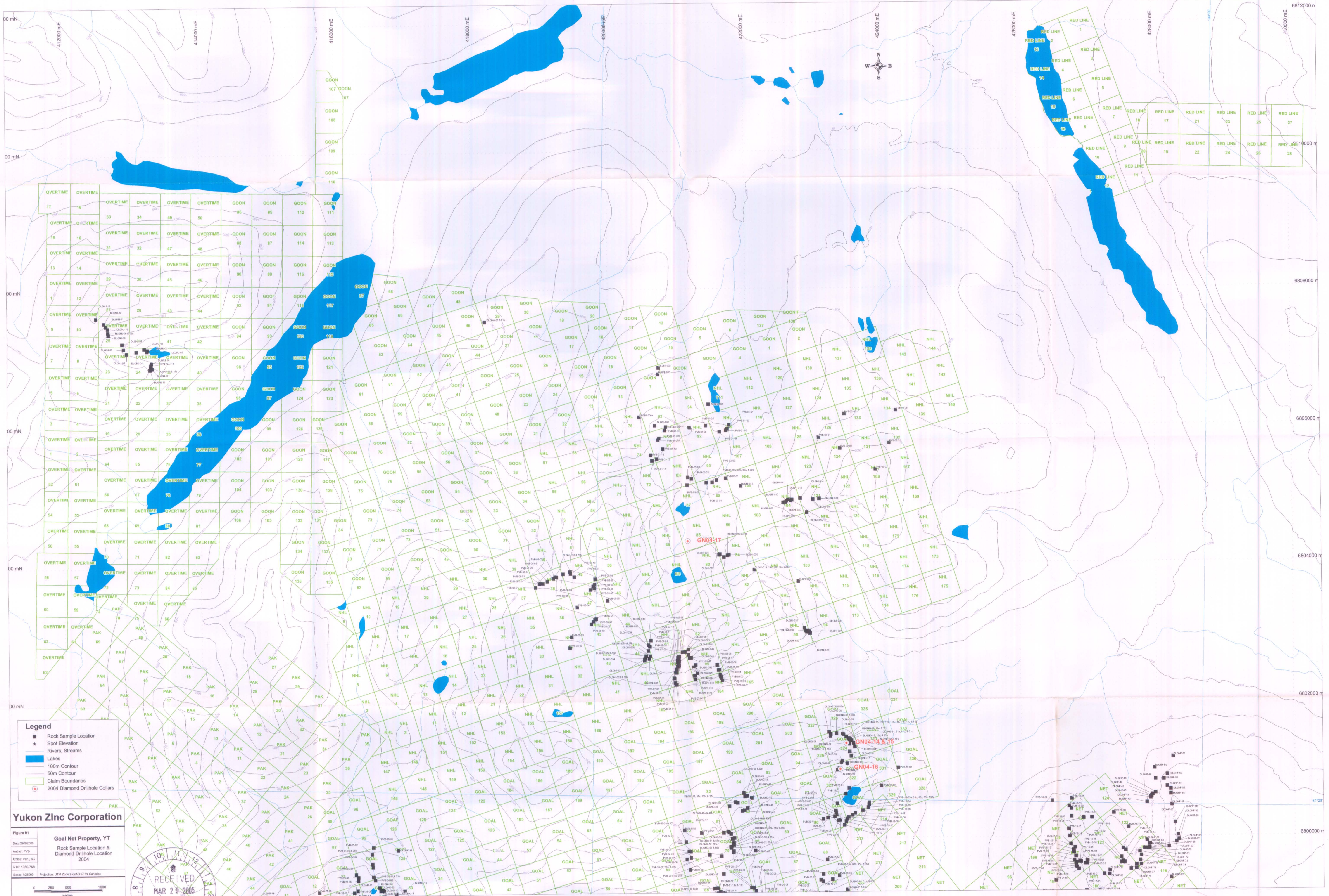


Figure 01. Location Map of Goal Net Property.



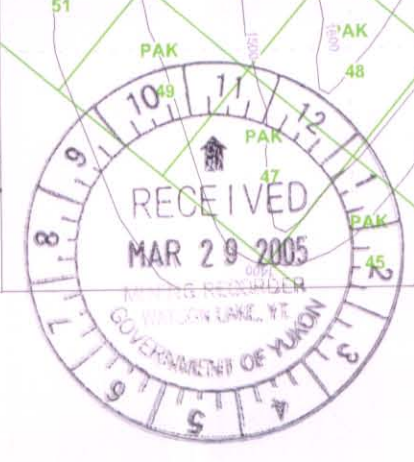


- Legend**
- Rock Sample Location
 - ▲ Spot Elevation
 - Rivers, Streams
 - Lines
 - 100m Contour
 - 50m Contour
 - Claim Boundaries
 - 2004 Diamond Drillhole Collars

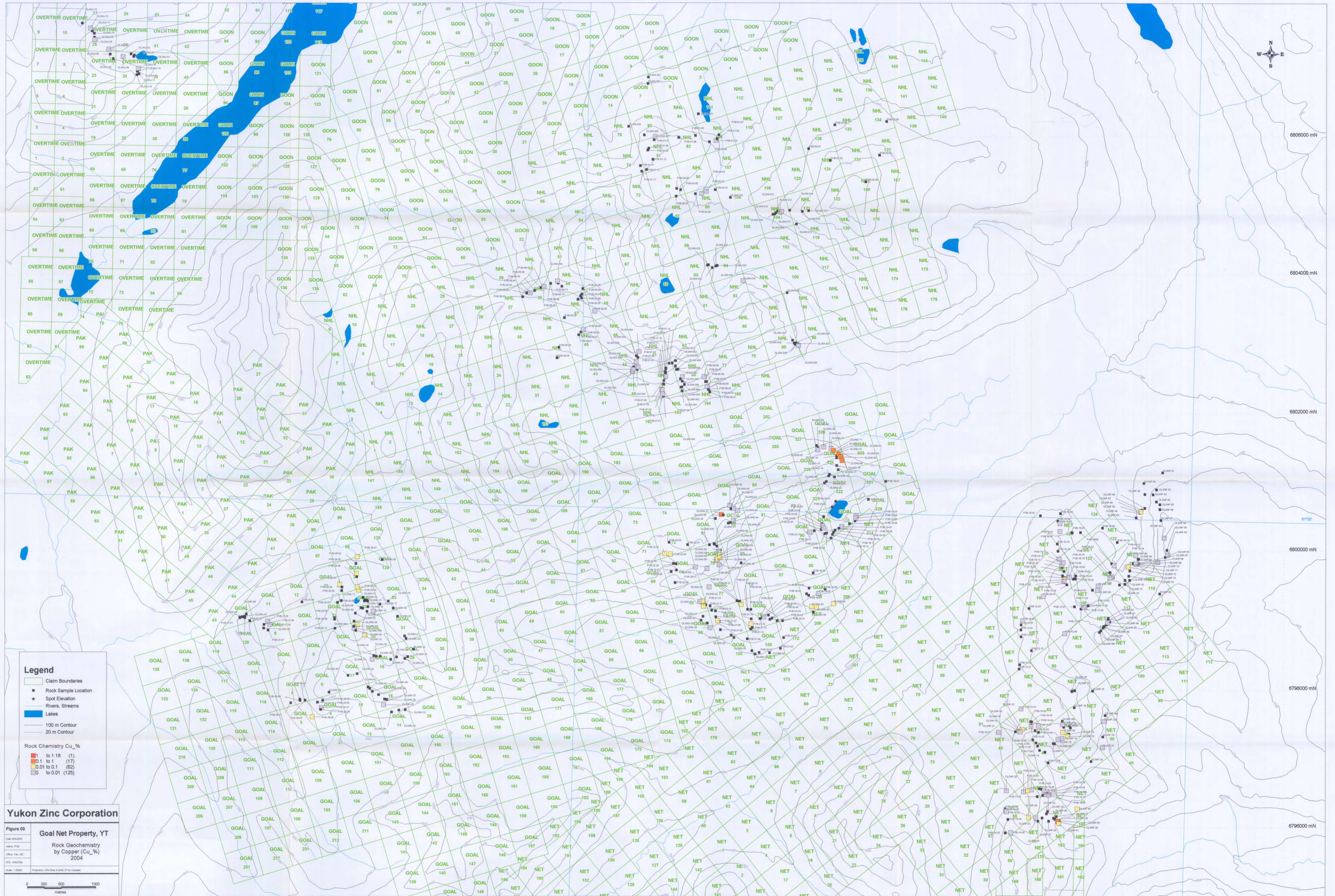
Yukon Zinc Corporation

Goal Net Property, YT
 Rock Sample Location &
 Diamond Drillhole Location
 2004

Scale 1:20,000
 Projection: UTM Zone 18N
 Datum: NAD 83



094668



Legend

- Claim Boundaries
- Rock Sample Location
- Spot Elevation
- Rivers, Streams
- Lakes
- 100 m Contour
- 20 m Contour

Rock Chemistry Cu_%

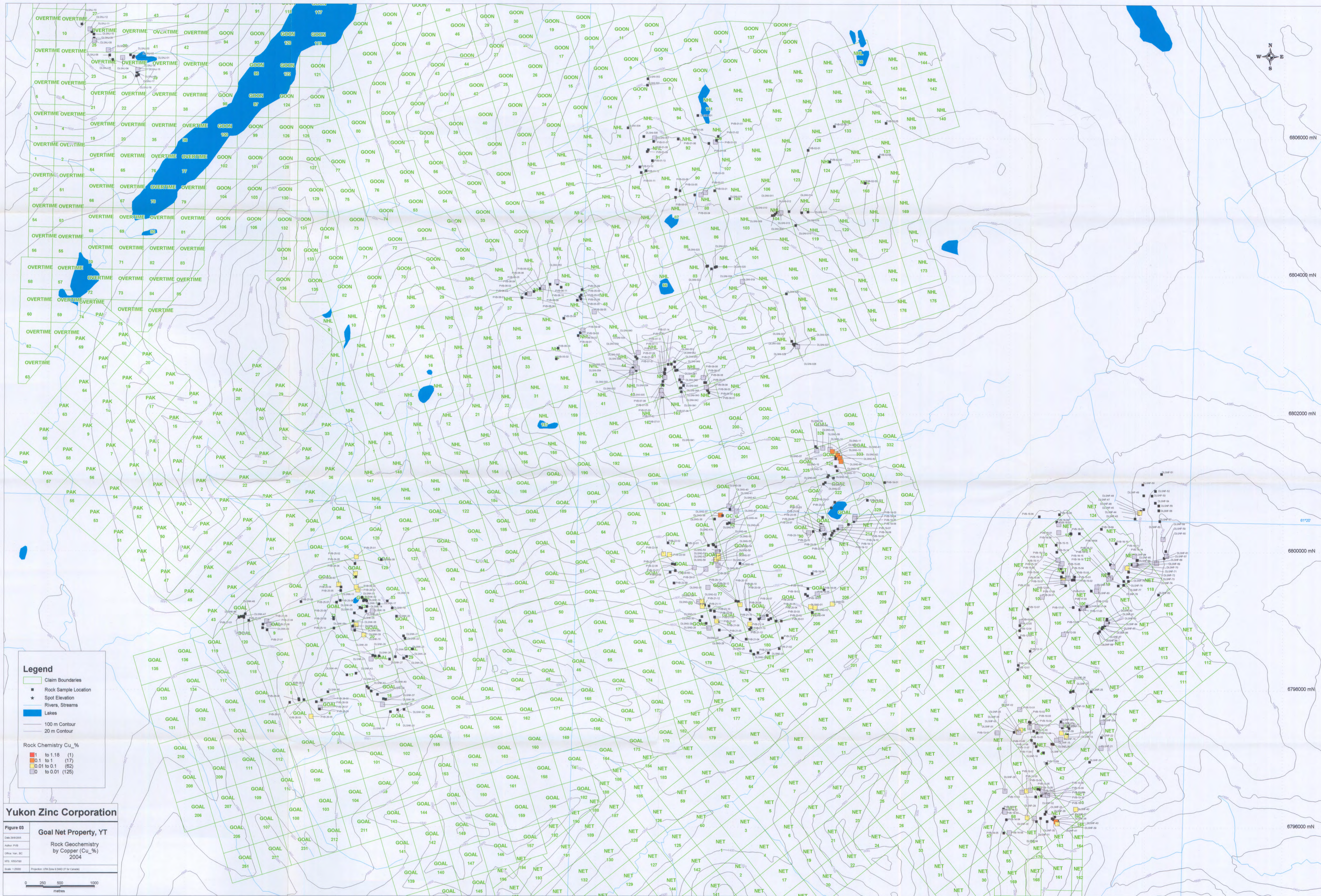
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- 0.1 to 1 (17)
- 0.01 to 0.1 (62)
- 0 to 0.01 (125)

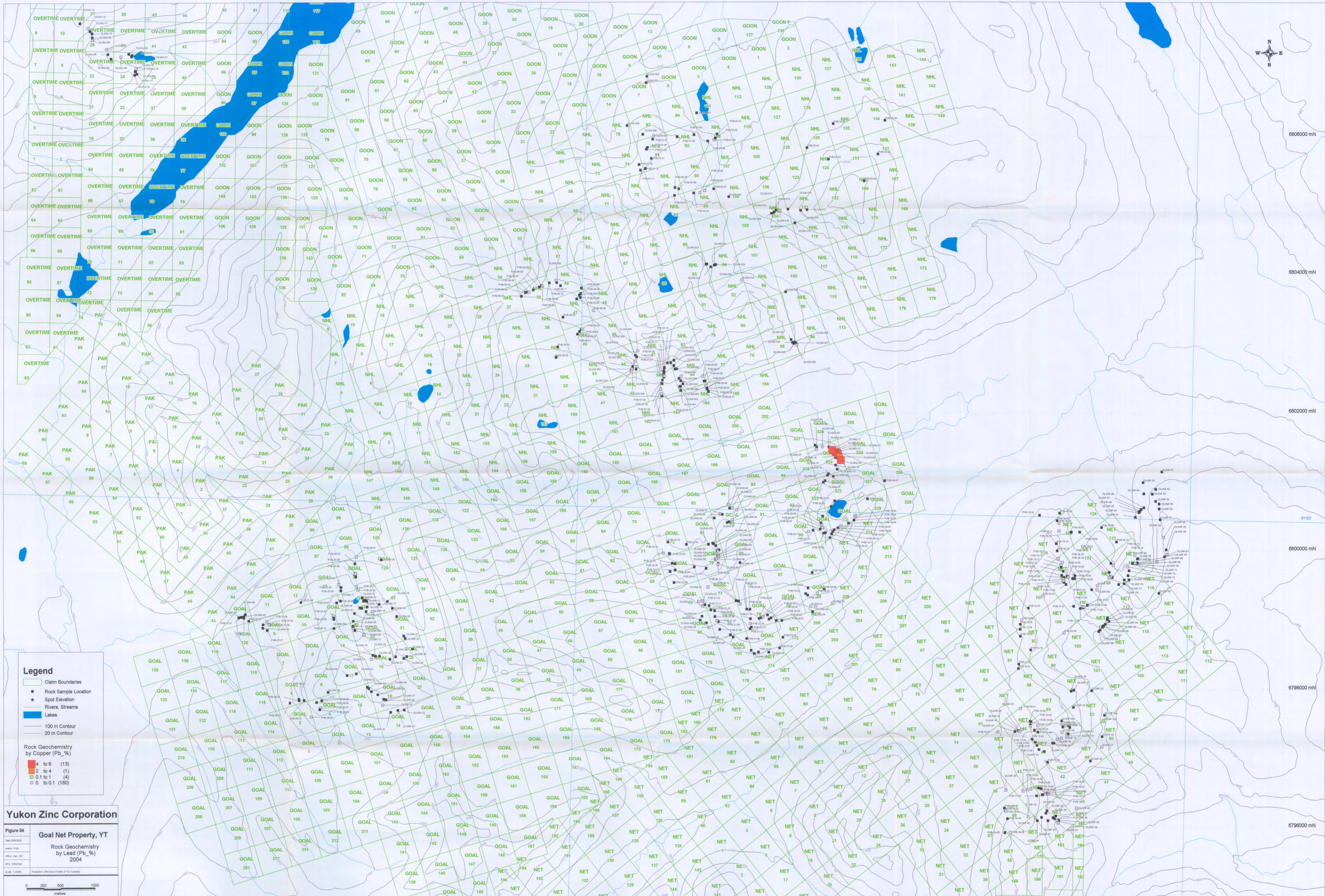
Yukon Zinc Corporation

Figure 03 Goal Net Property, YT
 Rock Geochemistry by Copper (Cu%)
 2004

Scale: 1:20000
 Date: 1/2004
 Prepared: 1/2004 by [unreadable]

0 250 500 1000
 metres





Legend

- Claim Boundaries
- Rock Sample Location
- Spot Elevation
- Rivers, Streams
- Lakes
- 100 m Contour
- 20 m Contour

Rock Geochemistry by Copper (Pb %)

- 4 to 6 (13)
- 2 to 4 (1)
- 0.1 to 1 (4)
- 0 to 0.1 (180)

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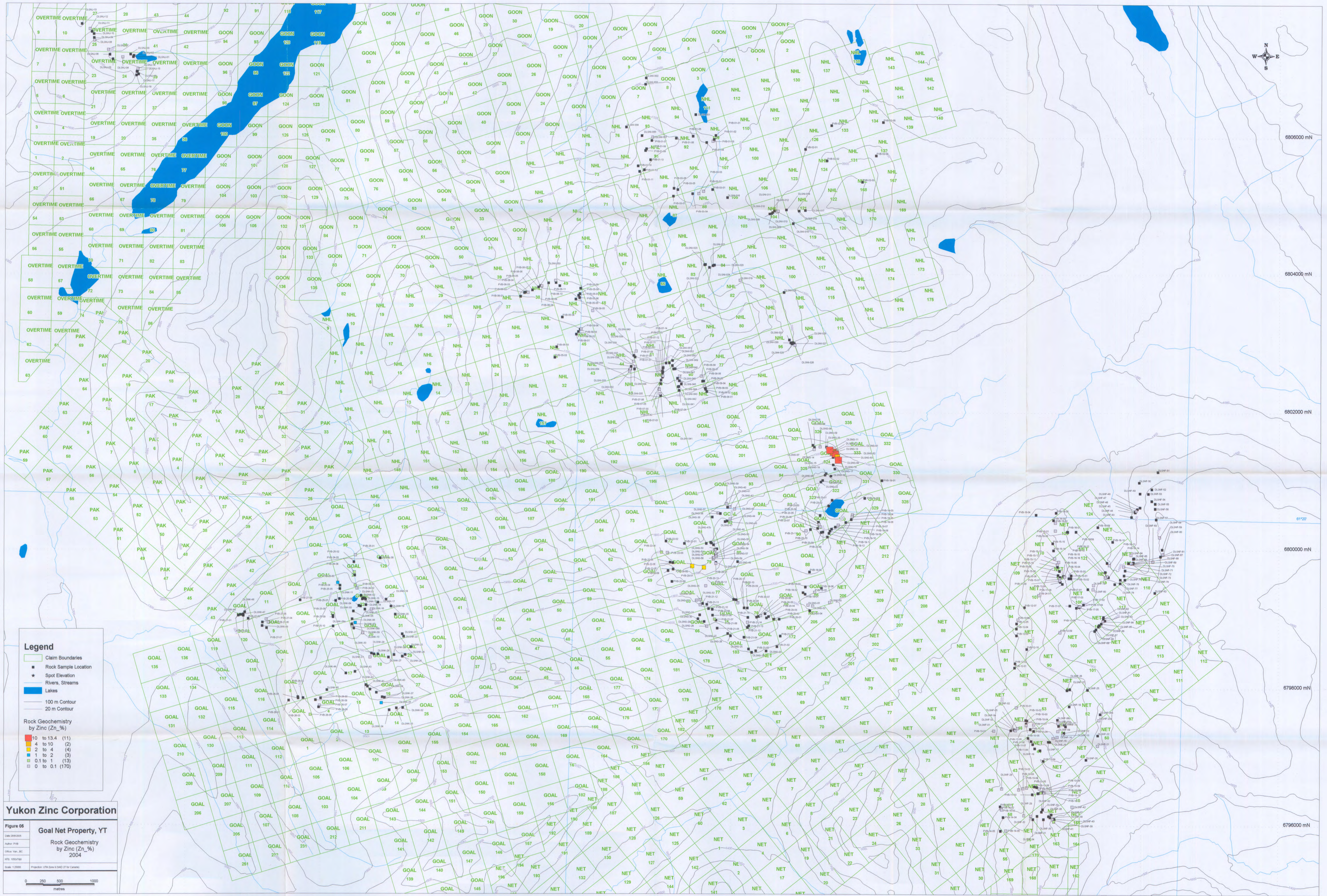
Figure 04

Goal Net Property, YT

Rock Geochemistry by Lead (Pb %) 2004

Date: 2/18/2005
 Author: PMS
 Office: VAN, BC
 MTS: 100/0158
 Scale: 1:2000 Projection: UTM Zone 18N DTM: 20m Contour

0 250 500 1000
 metres



Legend

- Claim Boundaries
- Rock Sample Location
- Spot Elevation
- Rivers, Streams
- Lakes
- 100 m Contour
- 20 m Contour

Rock Geochemistry by Zinc (Zn%)

10 to 13.4	(11)
4 to 10	(2)
2 to 4	(4)
1 to 2	(3)
0.1 to 1	(13)
0 to 0.1	(170)

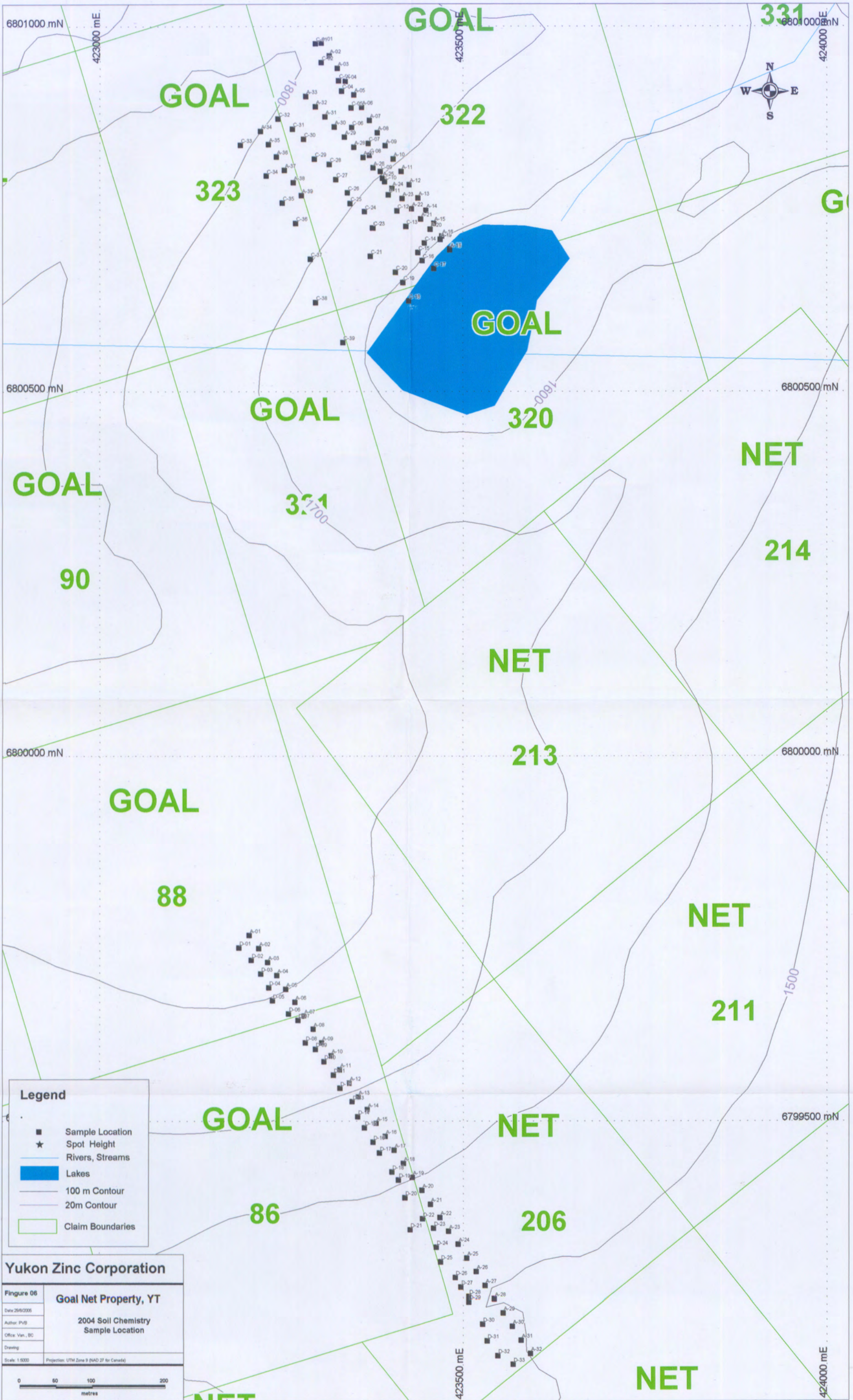
Yukon Zinc Corporation

Figure 06
 Date: 2004-05-25
 Author: PMS
 Office: Vancouver, BC
 MTS: 1000764
 Scale: 1:25000
 Projection: UTM Zone 18N
 Datum: NAD 83

Goal Net Property, YT

Rock Geochemistry by Zinc (Zn%) 2004

0 250 500 1000
 metres



Legend

- Sample Location
- ★ Spot Height
- Rivers, Streams
- Lakes
- 100 m Contour
- 20m Contour
- Claim Boundaries

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Figure 06 **Goal Net Property, YT**

Date: 20/02/2006

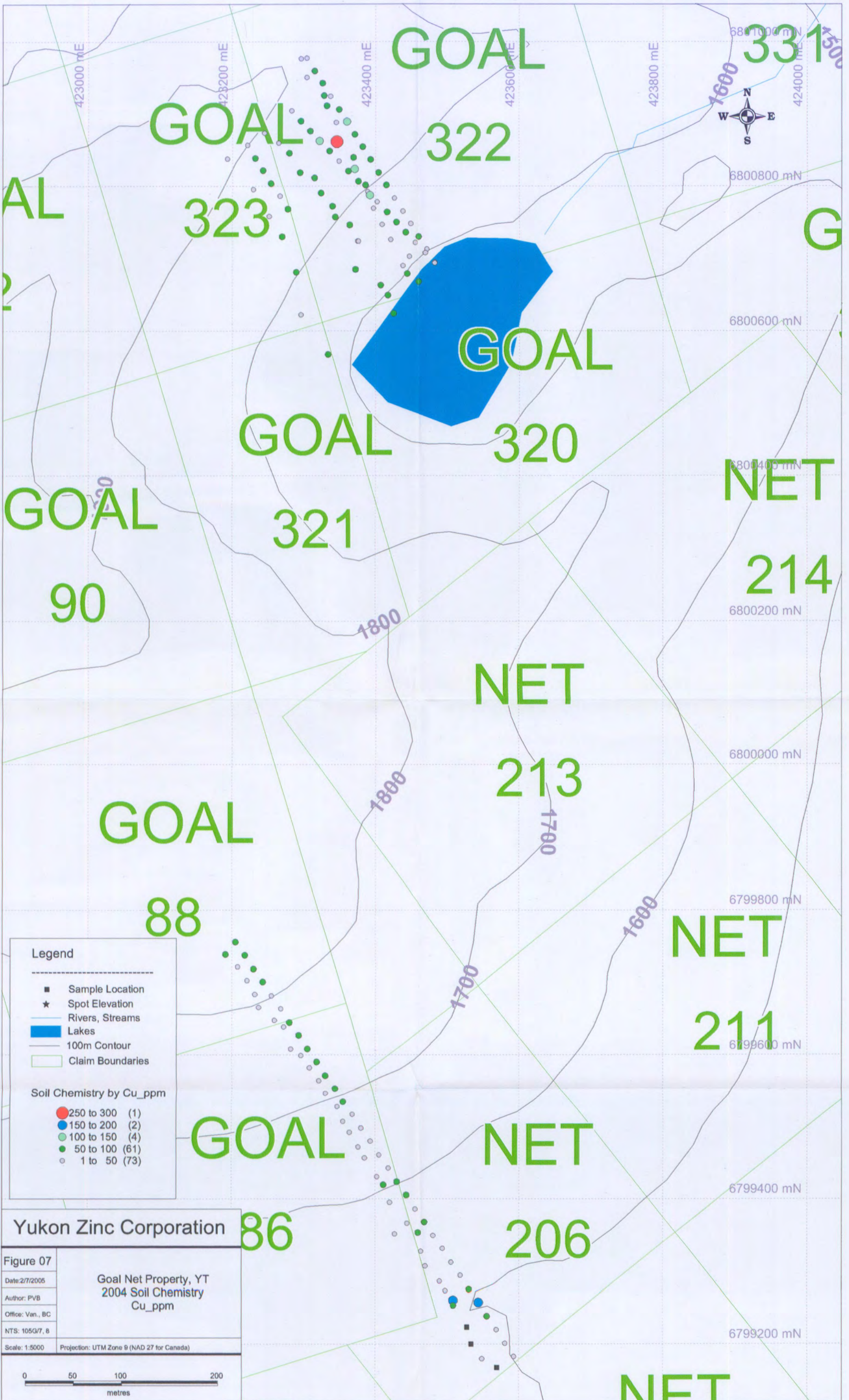
Author: PVB

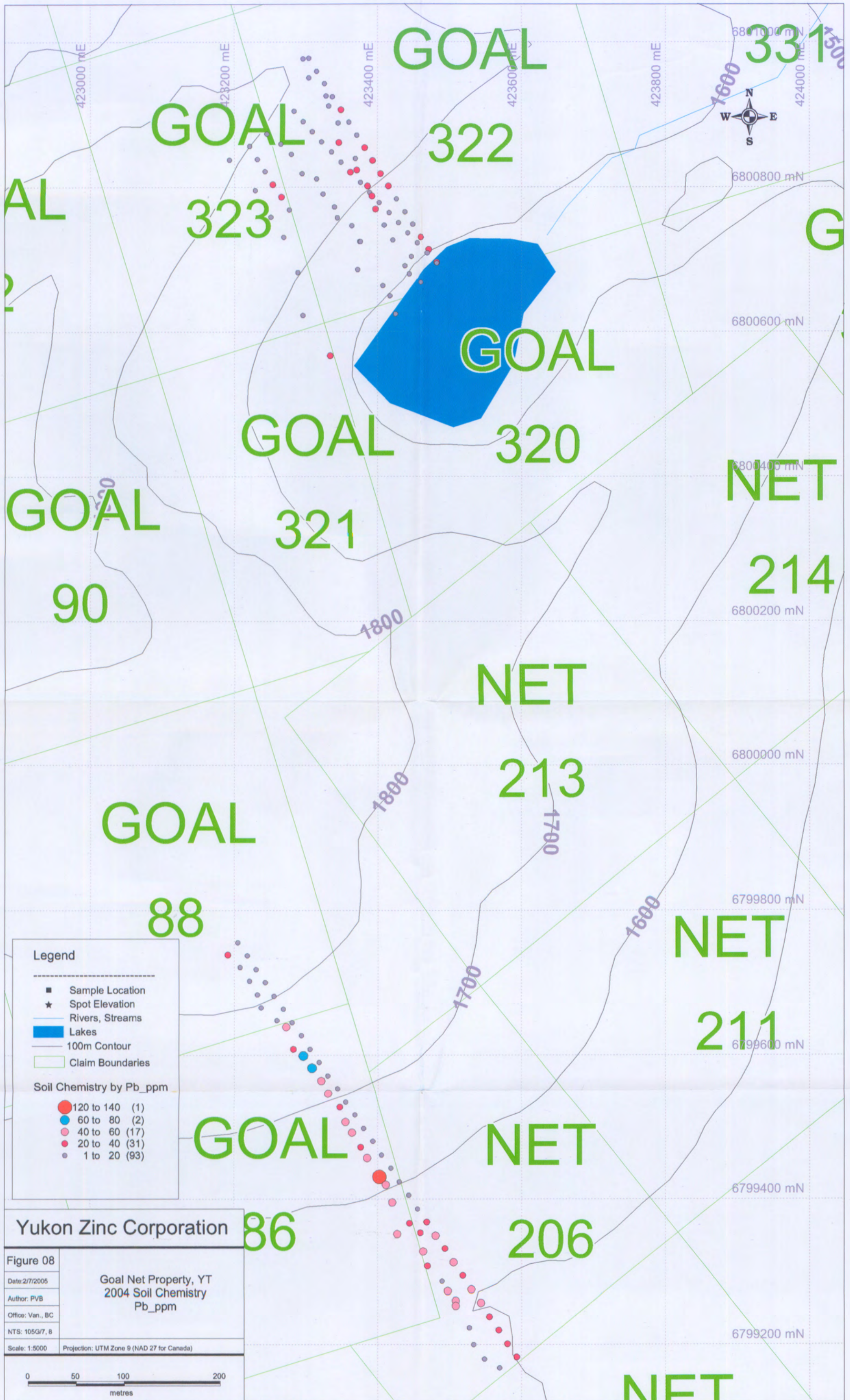
Office: Van., BC

Drawing:

Scale: 1:6000 Projection: UTM Zone 9 (NAD 27 for Canada)

0 50 100 200 metres









Legend

Symbols

- 100m Contour
- 20m Contour
- ★ Spot Height
- Rivers, Streams
- Lakes
- Foliation
- - - Approximate Contact

Rock Units

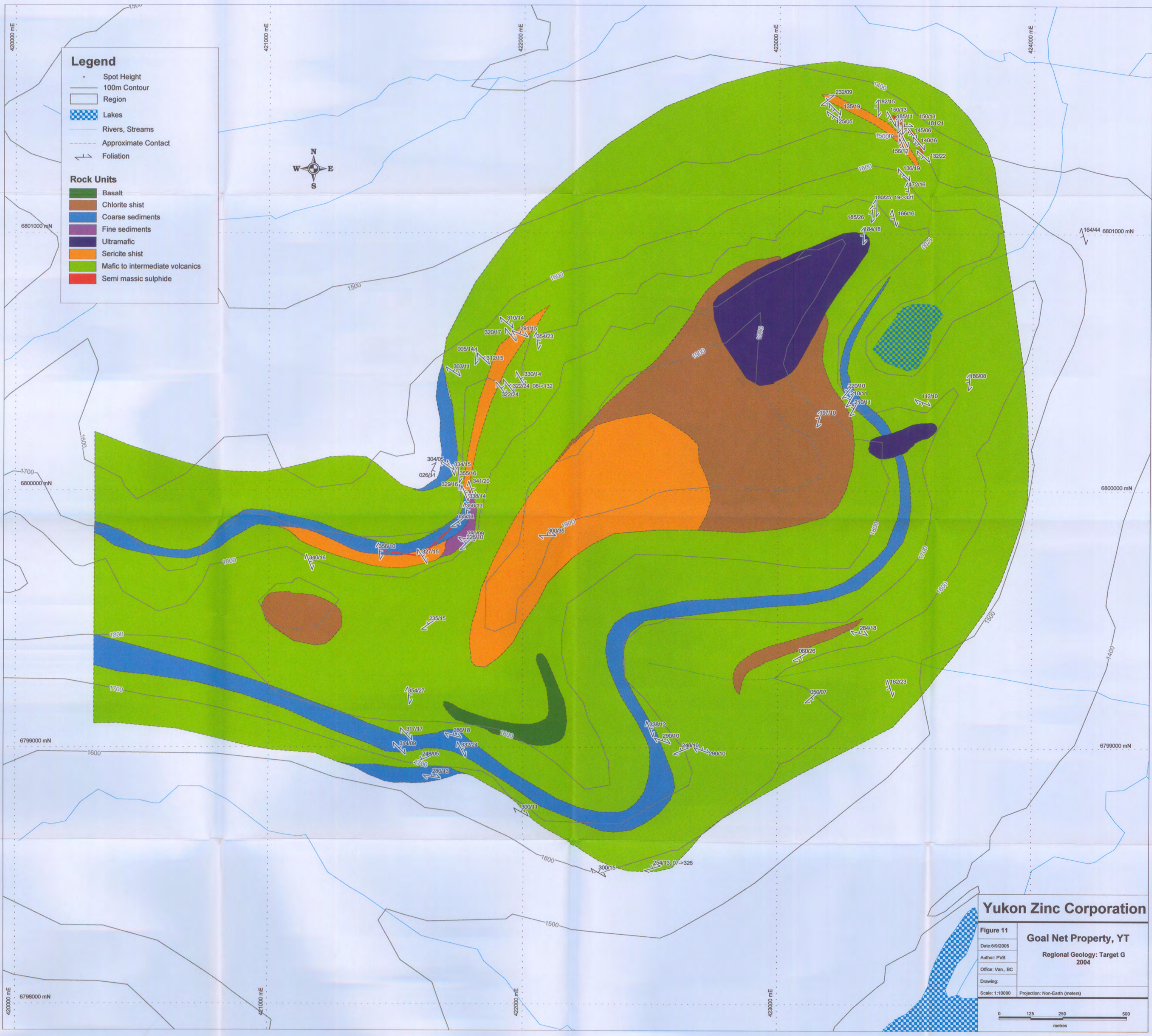
- Chlorite Schist
- Coarse Sediments
- Felsic Volcanic
- Granite
- Mafic Volcanic
- Semi-Massive Sulphide
- Sericite Schist

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Figure 10
 Date: 9/9/2005
 Author: PVB
 Office: Van., BC
 NTS: 1955/748
 Scale: 1:10000 Projection: UTM Zone 9 (NAD 27 for Canada)

Goal Net Property, YT
Regional Geology: Target F,
2004

0 125 250 500
 metres



Legend

- Spot Height
- 100m Contour
- Region
- ▣ Lakes
- Rivers, Streams
- - - Approximate Contact
- ↔ Foliation

Rock Units

- Basalt
- Chlorite schist
- Coarse sediments
- Fine sediments
- Ultramafic
- Sericite schist
- Mafic to intermediate volcanics
- Semi massive sulphide

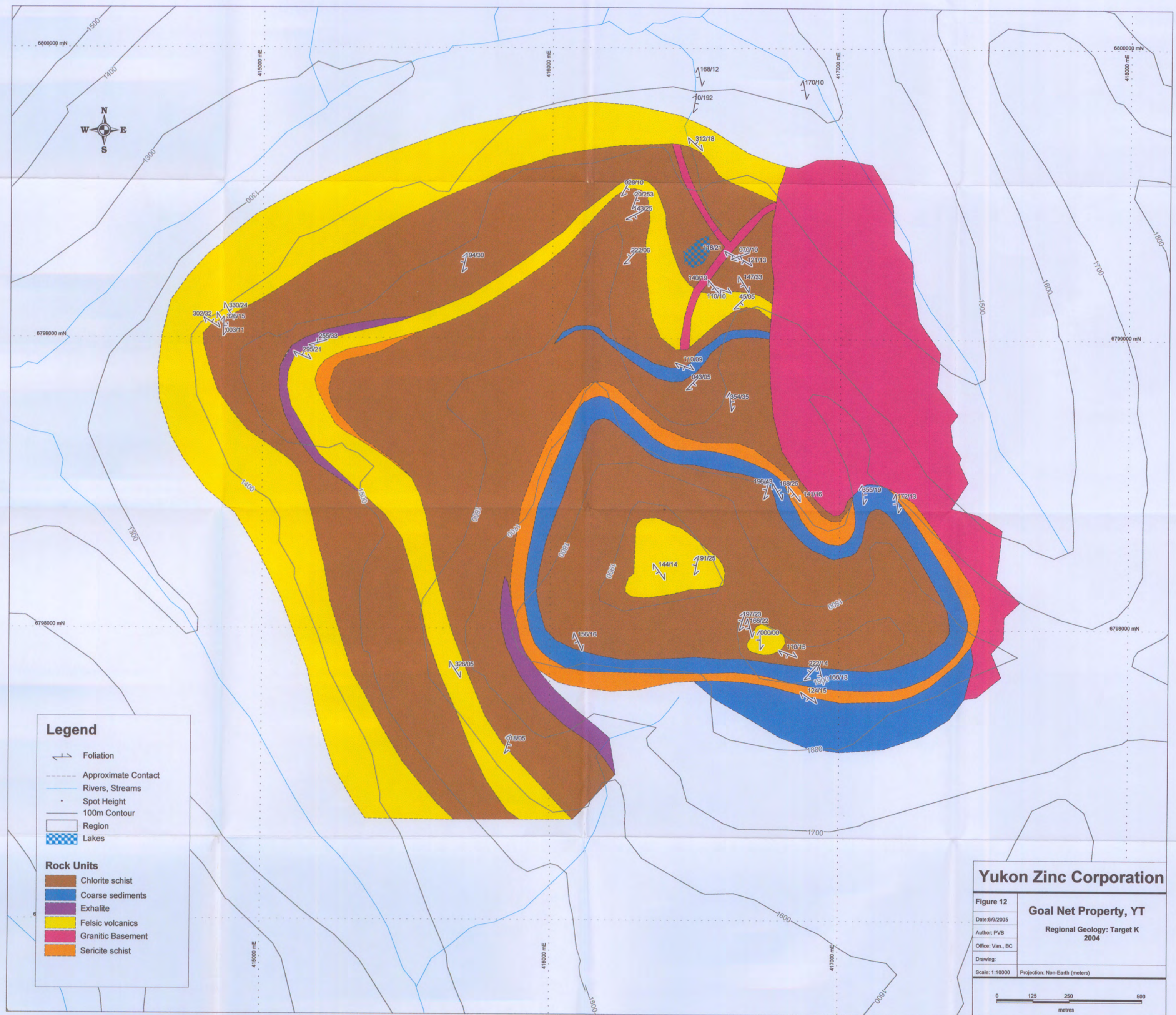


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Figure 11
Goal Net Property, YT
Regional Geology: Target G
2004

Date: 8/2/2005
 Author: PVB
 Office: Van., BC
 Drawing:
 Scale: 1:10000
 Projection: Non-Earth (meters)

0 125 250 500
 metres



Legend

- ↔ Foliation
- - - - - Approximate Contact
- Rivers, Streams
- Spot Height
- 100m Contour
- Region
- ▣ Lakes

Rock Units

- Chlorite schist
- Coarse sediments
- Exhalite
- Felsic volcanics
- Granitic Basement
- Sericite schist

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Figure 12

Goal Net Property, YT

Date: 6/9/2005

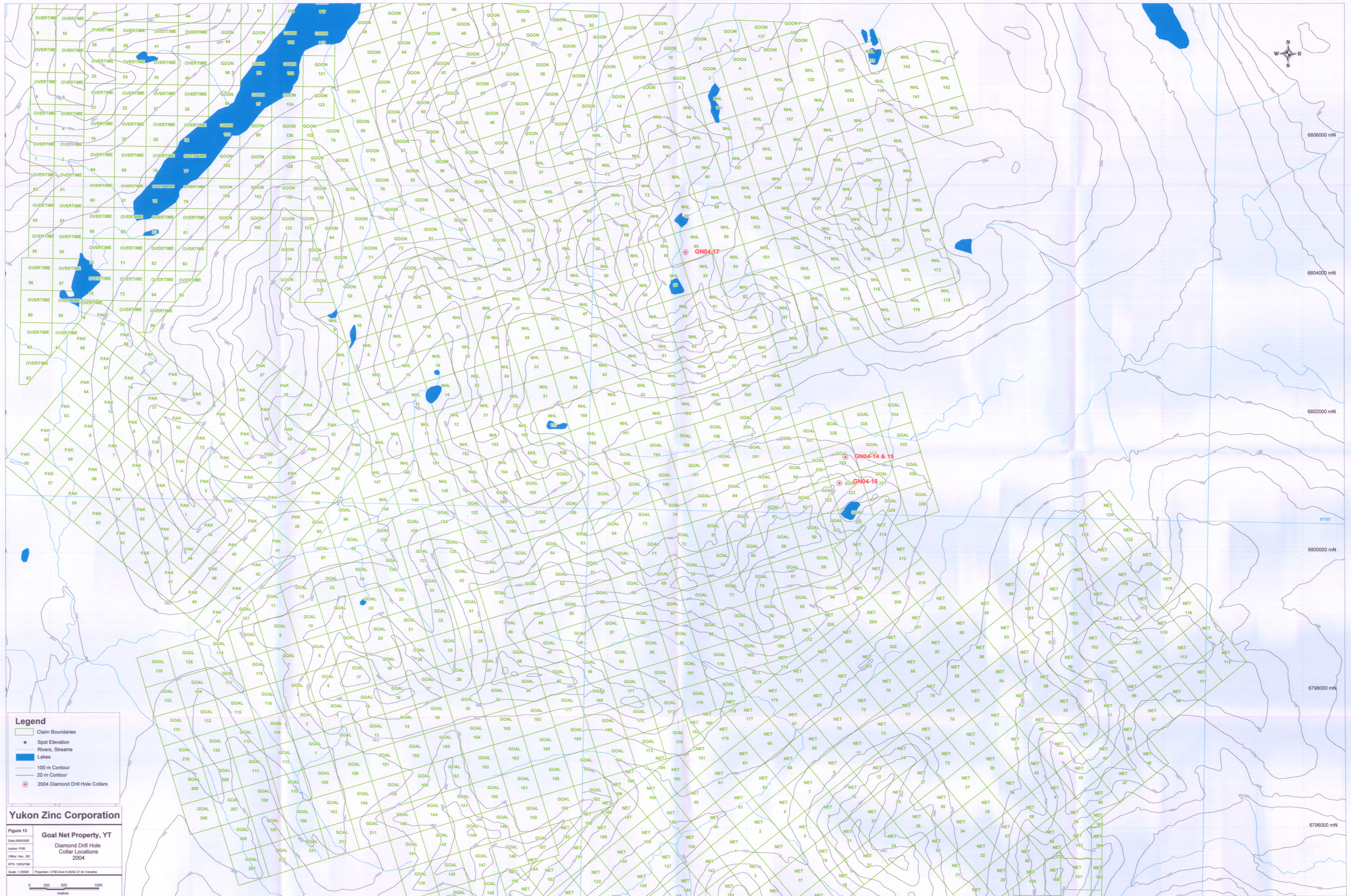
Author: PVB

Office: Van, BC

Drawing:

Scale: 1:10000 Projection: Non-Earth (meters)

0 125 250 500
metres



Legend

- Claim Boundaries
- * Spot Elevation
- Rivers, Streams
- Lakes
- 100 m Contour
- 20 m Contour
- ⊙ 2004 Diamond Drill Hole Collars

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Figure 13
Goal Net Property, YT
 Date: 28/02/2005
 Author: PVS
 Office: Van. BC
 NTS: 1505784
 Scale: 1:25000
 Projection: UTM Zone 9 (NAD 83 for Canada)

0 250 500 1000
 metres



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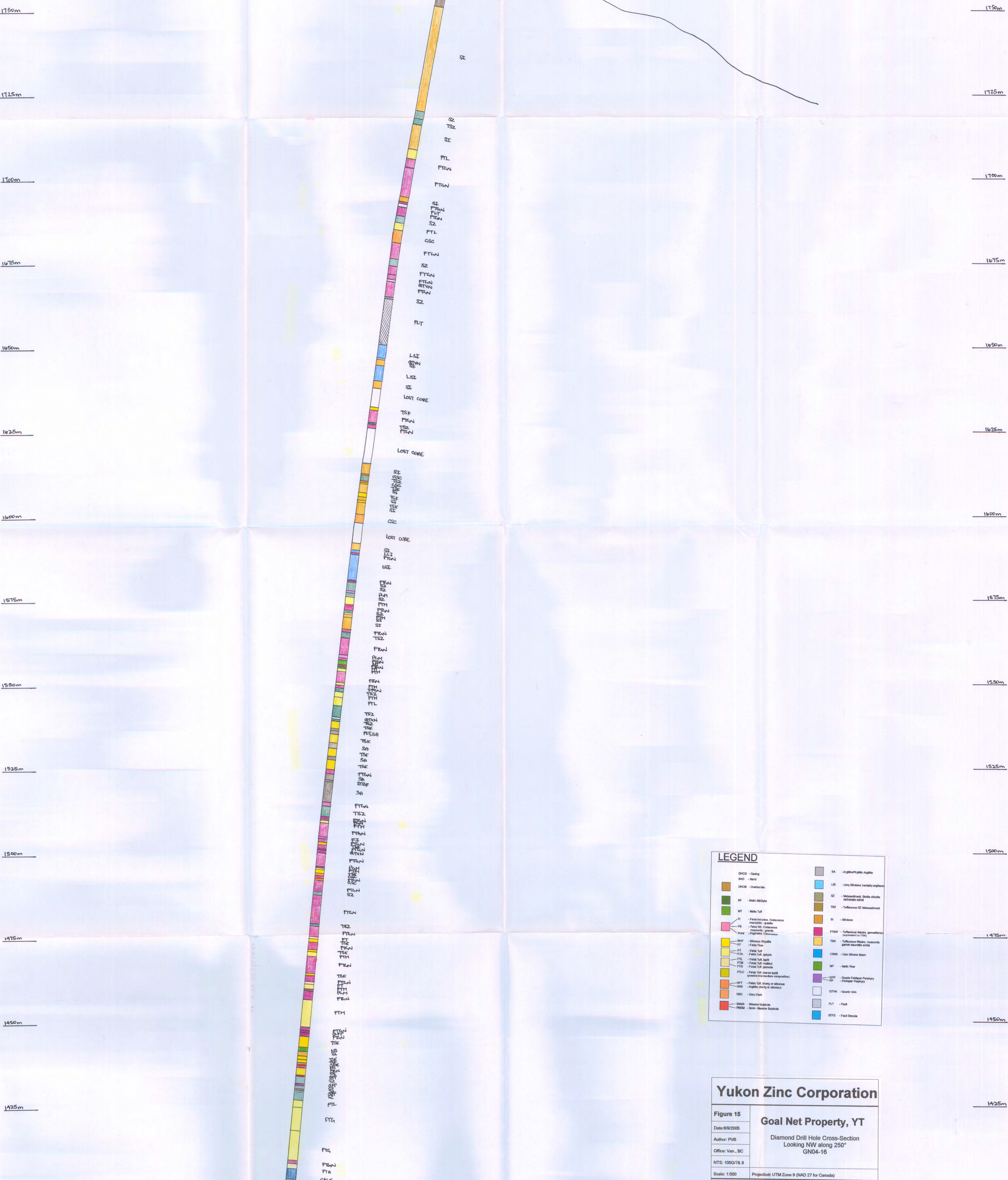
Figure 14
Date: 6/9/2005
Author: PVB
Office: Van., BC
NTS: 105G/7& 8
Scale: 1:500
Projection: UTM Zone 9 (NAD 27 for Canada)

Goal Net Property, YT

Diamond Drill Hole Cross-Section
Looking NW along 220°
GN04-14 & 15

0 7.5 15 30
metres

COLLAR COORDINATE
 423247mE, 6820993mN
 1775m



GN04-16
 250°/80° EOH 375.5m

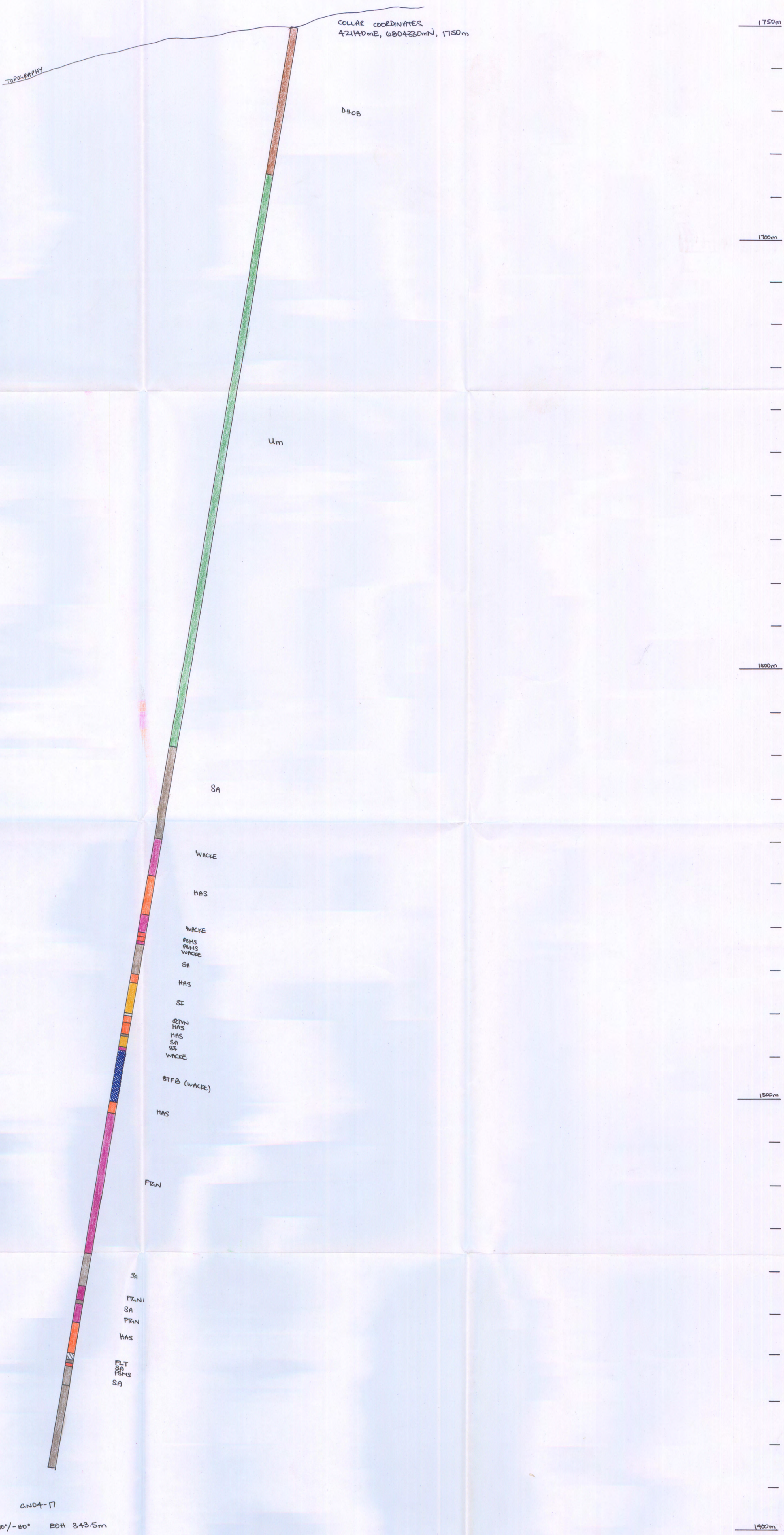
LEGEND

DNCS - Orelog	SA - Argillaceous argillite
SAC - Sand	LS - Liny Stibnite (orally argillite)
DNCS - Overburden	IC - Micaceous, dark siliceous carbonate schist
MI - Mafic Siltstone	TSC - Tuffaceous S2 Metasediment
MT - Mafic Tuff	SI - Siliceous
FI - Felsic/intermediate, Chertaceous, micaceous granite	FTGN - Tuffaceous Mafic, granitoid gneiss (metre to 100)
FS - Felsic S2, Chertaceous, micaceous granite	TK - Tuffaceous Mafic, micaceous gneiss (metre to 100)
PGM - Pegmatite, Chertaceous	CSK - Calc siliceous siltstone
BYF - Siliceous Biotite	MF - Mafic flow
FT - Felsic Tuff	QFP - Quartz Feldspar Porphyry
FTL - Felsic Tuff lapilli	FP - Felsic Porphyry
FTM - Felsic Tuff matrix	QTM - Quartz vein
FTD - Felsic Tuff dense matrix	QTM - Quartz vein
FTLC - Felsic Tuff (matrix) (metre to 100)	FLT - Fault
HT - Felsic Tuff (matrix) or siliceous argillite (metre to siliceous)	FTD - Fault Breccia
MS - Massive Siltstone	
GC - Grey Chert	
MSM - Massive Siltstone	
MSM - Silty - Massive Siltstone	

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Figure 15
 Date: 09/2005
 Author: PWB
 Office: Van., BC
 NTS: 105G/78.8
 Scale: 1:500
 Projection: UTM Zone 9 (NAD 27 for Canada)

Goal Net Property, YT
 Diamond Drill Hole Cross-Section
 Looking NW along 250°
 GN04-16



LEGEND

DNCS - Casing	SA - Argillaceous argillite
SAD - Sand	LSI - Lisy Silstone (variably argillite)
DNOR - Overburden	SE - Metasediment, Shale (shale)
MI - Matrix Silty	TSE - Tuffaceous SE Metasediment
MT - Matrix Tuff	SI - Silstone
SI - Silstone (interbedded, Distorted, micaceous, argillite)	TFGM - Tuffaceous Matrix, gneissiferous (argillite to TSE)
FS - Felsic Sil. Concretion (massive, granitic)	TEK - Tuffaceous Matrix, micaceous, part silty (shale)
PGM - Pegmatite Concretion	CSGK - Calc Siliceous Shale
SHY - Siliceous Rhyolite	MF - Matrix Flow
FT - Felsic Tuff	QSP - Quartz Felsic Porphyry
FTA - Felsic Tuff, argillite	FP - Felsic Porphyry
FTL - Felsic Tuff, lapilli	QVW - Quartz Vein
FTM - Felsic Tuff, medium	FLT - Fault
FTD - Felsic Tuff, dyke	DFB - Fault Breccia
FTLC - Felsic Tuff, coarse lapilli (variable siliceous composition)	
MTT - Matrix Tuff, thin, shaly or siliceous	
HAS - Argillite, shaly or siliceous	
GSC - Grey Chert	
SSMS - Massive Spheros	
MSM - Mass - Massive Spheros	

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Figure 16
 Date: 6/9/2005
 Author: PVB
 Office: Van., BC
 NTS: 105G/7&8

Goal Net Property, YT
 Diamond Drill Hole Cross-Section
 Looking NW along 310°
 GND4-17

Scale: 1:500 Projection: UTM Zone 9 (NAD 27 for Canada)