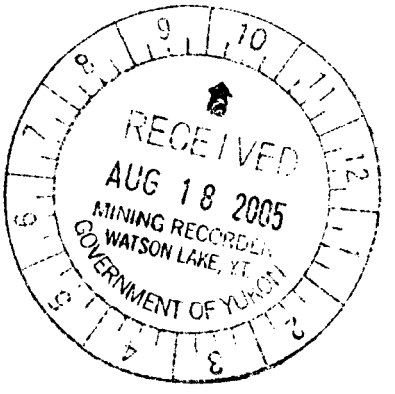
Yukon Zinc CORPORATION

Assessment Report
Diamond Drilling Activities
Between July and December, 2004
for the
Wolverine Deposit



List of calims and Grant Numbers

KINK 3 (YA69009)
FOOT 1-10 (YB45954-YB45963)
FOOT 11-12 (YB51608- YB51609)
FOOT 13-20 (YB45966- YB45973)
PUCK 1 (YB55979)
PUCK 3-14 (YB55981-YB55992)
PUCK 19-44 (YB55997-YB56022)
FOOT 183-188 (YB59985- YB59990)
FOOT 603 (YB70735)
CUP 1-8 (YB87695- YB87702)
CUP 11-18 (YB87705- YB87712)

NTS Map sheet number

105G/08, Wolverine Lake

In the

Watson Lake Mining District, Yukon Territory

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Submitted:
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Costs associated with this report have been approved in the amount of $ 31,600.00 for assessment credit under Certificate of Work No. QL25783.

Mining Recorder
Watson Lake Mining District

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Introduction

Yukon Zinc Corporation (formerly Expatriate Resources Ltd.) holds a 100% interest in the FOOT, CUP, and PUCK claims covering approximately 20 kilometre of a thick sequence of felsic stratigraphy which contains the polymetalic Wolverine deposit (Figure 1 and 2). The Wolverine Stratigraphy has been the focus of exploration for several periods between 1995 and 2004 that includes 120 drill holes that tested moderate to strong multi element (zinc, lead, and copper) soil geochemistry anomaly associated with moderate to strong geophysical anomalies from airborne EM and magnetic surveys. This multidisciplinary approach of exploration near Wolverine Lake resulted in the discovery and definition of the Wolverine Deposit. In 2004 an additional 9 diamond drill holes were cored to further define the Wolverine Deposit.

Property Location and Access

The Wolverine Camp is located 275.5km east-north-east of Whitehorse in the Yukon Territories. It is located about 15km from the Robert Campbell Highway (kilometre 198) about halfway between Ross River and Watson Lake in the Campbell Range of the Pelly Mountains. Access to Wolverine camp is restricted to airplane (a 1 kilometre gravel airstrip is located 6.6 kilometre away from camp with road access between them) or helicopter. The deposit where all the drilling was focused is halfway between the camp and the airstrip and is accessible by road from both. The drill was flown in by helicopter from a staging point at the Lite Creek Gravel Pit (kilometre 198) on the Robert Campbell highway.

Grant Number	Claim Number	Grant Number	Claim Number	Grant Number	Claim Number	Grant Number	Claim Number
YA69009	KINK 3	YB55979	PUCK 1	YB56005	PUCK 27	YB59988	FOOT 186
YB45954	FOOT 1	YB55981	PUCK 3	YB56006	PUCK 28	YB59989	FOOT 187
YB45955	FOOT 2	YB55982	PUCK 4	YB56007	PUCK 29	YB59990	FOOT 188
YB45956	FOOT 3	YB55983	PUCK 5	YB56008	PUCK 30	YB70735	FOOT 603
YB45957	FOOT 4	YB55984	PUCK 6	YB56009	PUCK 31	YB87695	CUP 1
YB45958	FOOT 5	YB55985	PUCK 7	YB56010	PUCK 32	YB87696	CUP 2
YB45959	FOOT 6	YB55986	PUCK 8	YB56011	PUCK 33	YB87697	CUP 3
YB45960	FOOT 7	YB55987	PUCK 9	YB56012	PUCK 34	YB87698	CUP 4
YB45961	FOOT 8	YB55988	PUCK 10	YB56013	PUCK 35	YB87699	CUP 5
YB45962	FOOT 9	YB55989	PUCK 11	YB56014	PUCK 36	YB87700	CUP 6
YB45963	FOOT 10	YB55990	PUCK 12	YB56015	PUCK 37	YB87701	CUP 7
YB45966	FOOT 13	YB55991	PUCK 13	YB56016	PUCK 38	YB87702	CUP 8
YB45967	FOOT 14	YB55992	PUCK 14	YB56017	PUCK 39	YB87705	CUP 11
YB45968	FOOT 15	YB55997	PUCK 19	YB56018	PUCK 40	YB87706	CUP 12
YB45969	FOOT 16	YB55998	PUCK 20	YB56019	PUCK 41	YB87707	CUP 13
YB45970	FOOT 17	YB55999	PUCK 21	YB56020	PUCK 42	YB87708	CUP 14
YB45971	FOOT 18	YB56000	PUCK 22	YB56021	PUCK 43	YB87709	CUP 15
YB45972	FOOT 19	YB56001	PUCK 23	YB56022	PUCK 44	YB87710	CUP 16
YB45973	FOOT 20	YB56002	PUCK 24	YB59985	FOOT 183	YB87711	CUP 17
YB51608	FOOT 11	YB56003	PUCK 25	YB59986	FOOT 184	YB87712	CUP 18
YB51609	FOOT 12	YB56004	PUCK 26	YB59987	FOOT 185		

Table 1. List of claims and grant numbers.

Regional Geology

The Yukon-Tanana Terrane is a large autochthonous geological province extending from Alaska, through The Yukon Territory and into north-central British Columbia (Figure 3). It consists of mid-late Paleozoic volcanic, plutonic, and sedimentary rocks (References). The volcanic-hosted massive sulphide deposits of the Finlayson Lake District are located in the eastern most section of the Yukon Tanana Terrrane, which has been displaced to the south-east by the Tintina Fault Zone (Figure 1). The Finlayson Lake District has been divided into 3 distinct successions separated by regional unconformities (Murphy, 1998; Piercey and Murphy, 2000). The lower most unit (called the Grass Lakes Succession) consists of mafic and felsic metavolcanic rocks, carbonaceous metaclastic rocks, marbles, and granitic orthogneiss. The Kudz Ze Kayah and GP4F deposits are located within the upper portion of this succession. The middle unit (called the Wolverine Succession) consists of carbonaceous argillite, felsic volcanics and high level intrusions, and as well as exhalative carbonate and/or iron oxides. The Wolverine (polymetalic, sediment hosted, massive sulphide) deposit occurs near the base of Wolverine Succession. The upper most unit (called the Campbell Range Succession) consists of mafic metavolcanic rocks and wackes.

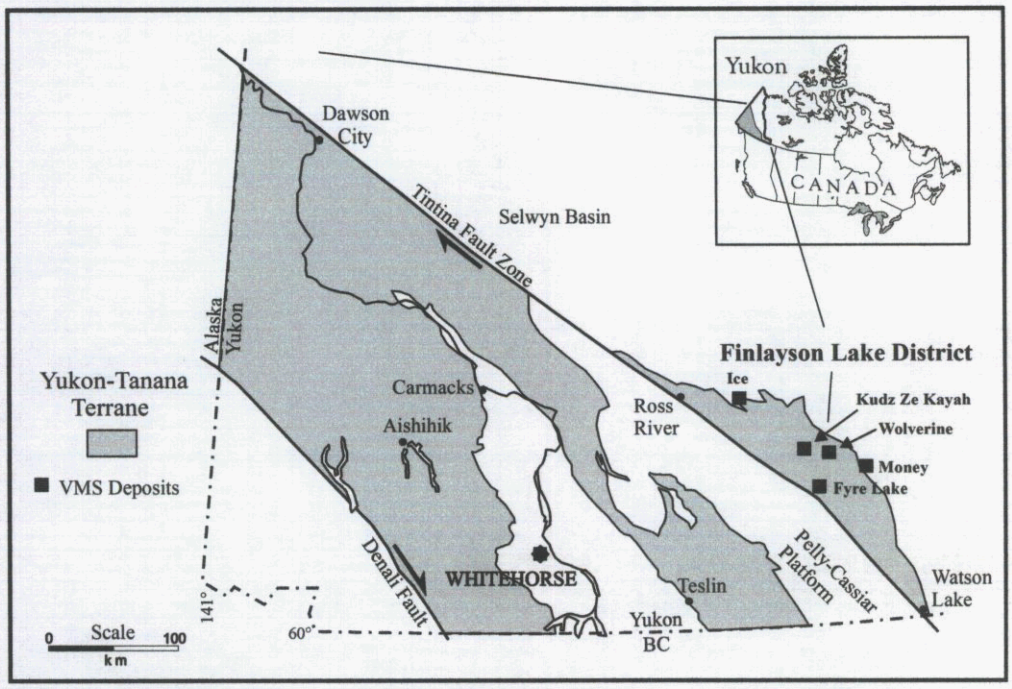

Figure 3. Location of the Wolverine Deposit (in the Wolverine Succession), and other VHMS deposits with respect to the Yukon-Tanana Terrane, Yukon, Canada (modified from Piercey, 2001; Wheeler and McFeely, 1991 and Hunt, 1998).

Wolverine Succession Geology

Bradshaw et al. (2001) have divided the Wolverine Stratigraphy into 4 units. These four units are described briefly below.

The lowermost unit (Unit 1) consists of the footwall volcaniclastic, carbonaceous sedimentary and porphyritic intrusive rocks. Stratigraphically above unit one is Unit 2, which consists of interbedded argillite, rhyolite, magnetite-silica, magnetite-carbonate, and carbonate-pyrite exhalite followed by Unit 3, which consists of fragmental rhyolite, and Unit 4, which consists of interbedded carbonaceous argillite and greywacke, with lesser basalt and rhyolite. All of these units are present in variable amounts in the Fisher Zone. An interpreted north-east trending, syn-volcanic fault divides the Fisher Zone into the eastern and western zones with a marked change in stratigraphy across this boundary. To the west of the Fisher Fault the footwall argillites and argillitic tuffs are overlain by massive aphyric rhyolite flows and rhyolite tuff and tuff-breccias. The Fisher Porphyry, an interpreted as a shallow, subvolcanic intrusion or as an extrusive volcanic dome, occurs between these two units to the west of the Fisher Fault. To the east of the Fisher fault, a thick sequence of carbonate + silica + magnetite + barite exhalative unit occurs above the carbonaceous argillite and below the aphyric rhyolite. The mineralization (in WV04-130 and WV04-131 specifically) will be discussed below in the detailed geology.

Methods

Nine HQ diamond drill holes were successfully completed in the Wolverine Deposit area between July 1, and September 30, 2004 (Figure 4.) for a total of 1,758.4 metres. The drill hole collar locations are listed in Table 1. Access to all drill set-ups was gained through a combination of existing drill roads and bush trails or, when necessary, new bush access trails were constructed after having been walked and flagged in order to minimize environmental disturbance. Approximately 100m of new trail was cleared to access all new drill sites. All new bush access trails were pushed to a maximum width of 4m just to allow passage of the drill equipment. Drill set-ups were constructed to an average width of 10m in diameter with a minimal degree of disturbance to ground vegetation and trees.

Hole Number	Grid East	Grid North	Elevation (m)	Length (m)	Claim Number	Hole Angle (°)	Grid Azimuth (°)	True Azimuth (°)
WV04-121	16200	16930	1401	175.3	FOOT 12	-55	180	208
WV04-122	16350	16910	1383	172.3	FOOT 12	-85	180	209
WV04-123	16400	16910	1400	201.6	FOOT 12	-85	360	29
WV04-124	16700	16778	1376	149.9	KINK 3	-70	180	209
WV04-125	16700	16840	1400.9	265.2	KINK 3	-65	360	29
WV04-126	16600	16825	1395	181.3	FOOT 10	-75	360	29
WV04-127	16825	16800	1395	197.6	FOOT 10	-80	180	205.7
WV04-128	16350	17110	1472	69.5	FOOT 12	-85	180	205
WV04-129	16350	17110	1472	345.7	FOOT 12	-80	180	205

Date Start	Date Finished	Contractor	Log By	Core Size	UTM zone	UTM Datum	UTM east	UTM North
03/07/2004	10/07/2004	E. Caron	G. Dessureau	HQ	9	NAD 27	439657	6811276
11/07/2004	15/07/2004	E. Caron	G. Dessureau	HQ	9	NAD 27	439774	6811178
16/07/2004	24/07/2004	E. Caron	G. Dessureau	HQ	9	NAD 27	439805	6811166
27/07/2004	31/07/2004	E. Caron	J. Dunning	HQ	9	NAD 27	439989	6810882
02/08/2004	15/08/2004	E. Caron	G. Dessureau	HQ	9	NAD 27	440032	6810948
17/08/2004	26/08/2004	E. Caron	G. Dessureau	HQ	9	NAD 27	439923	6810975
28/08/2004	02/09/2004	E. Caron	G. Dessureau	HQ	9	NAD 27	440083	6810834
05/09/2004	14/09/2004	E. Caron	G. Dessureau	HQ	9	NAD 27	439876	6811344
14/09/2004	28/09/2004	E. Caron	G. Dessureau	HQ	9	NAD 27	439876	6811344

Table 2. Diamond drill hole information for the Wolverine Deposit, 2004.

A drill hole map showing 2004 and prior drill holes is included in the Appendix; noting that 2004 drill holes are plotted based on grid coordinates, as UTM coordinates acquired by hand held GPS are not precise enough. The collar locations are currently being surveyed for precise locations.

Geological and geotechnical logs were produced from the core from all holes, and the geological logs included in the Appendix. The core was sampled beginning approximately 20m above the ore zone to approximately 20m below the ore zone. Sample lengths were dictated by geology, but were between 1.5m and 30cm. The core was cut in quarters using a diamond saw, and 3/4 of the core was used for metallurgical testing and one quarter was sent to ALS Chemex for assay. The assay certificates are given in Appendix VI. The remaining core is stored in the upper core storage facility at the Wolverine Camp on Wolverine Lake. The core was assayed for Au and Ag (GRA21 - Fire Assay), Cu, Pb, and Zn, and As (AA46 - ore grade aqua regia - atomic absorption), Se (XRF), Hg (CV41 Cold vapour/Atomic Absorption). Blank, duplicate and standards were submitted with every batch of rock samples for QA/QC.

Detailed Geology of Drill Core

WV05-121 was drilled to test the south-western extension of the Lynx Zone of the Wolverine Deposit. The Lynx Zone pinches out to the north-east of the drill hole and no massive sulphide was intersected in this hole. An interesting zone of silica+carbonate exhalite was intersected in the ore horizon, above the carbonaceous mudstone. The Wolverine Porphyry was intersected between 132.2-133.5m between the carbonaceous mudstone and a ryholitic, crystal, ash tuff.

WV05-122 intersected three horizons of semi-massive to massive sulphide mineralization. The upper horizon (118.0m - 120.2m) consists of semi-massive, finely laminated pyrite (50%) and sphalerite (50%). The sulphide content increases down section to approximately 90%, as the sphalerite content generally decreases down section. The middle horizon (128.6m - 130.6m) also consists of semi-massive, finely laminated pyrite (50%) and sphalerite (50%). The sulphide content in the middle zone generally increases down section. The lower horizon (143.8m - 149.7m) consists of massive sulphide with Pyrite (80%), Sphalerite (16%), Galena (2%), and Chalcopyrite (2%).

WV04-123 was drilled to test the gap between WV96-68 and WV96-56. This hole intersected two zones of semi-massive and massive sulphide mineralization. The upper horizon (175.9m - 177.5m) consists of semi-massive to massive sulphide with pyrite (75%), sphalerite (23%), galena (1%), and chalcopyrite (1%). This horizon becomes more sphalerite-rich down hole. The lower horizon (179.3m-182.8m) consists of massive sulphide with pyrite (75%), sphalerite (12%), galena (2%), and chalcopyrite (5%). These two horizons are

separated by a graphitic mudstone. The hanging wall consists of massive finely laminated graphitic mudstone, while the footwall consists of strongly altered (sericite+talc?) mudstone.

WV04-124 was drilled to test the Wolverine horizon on Line 16700E and 16778N. The Wolverine Zone was intercepted from 118.09m to 12.34m (5.25m thick). Samples will be sawn and submitted to ALS Chemex for analysis for base and precious metal assay that will also include analysis for Se, As, and Hg.
The drill hole was terminated by Jason Dunning at 10:50AM on July 31, 2004 at a final depth of 146.91m. A decision was made to backfill with cement from the EOH to 97.84m; located approximately 20m uphole from the Wolverine Zone intercept. 10 bags of cement were used to backfill the drill hole in addition to a bucket of superset.

The site was reclaimed on 1st of August, 2004 with closure photographs taken by Gilles Dessureau. No further remediation action required.

NOTE: Magnetic declination has been added to all of the survey data for this drill hole using the MIRP calcuation of 25.55 degrees or 25 degrees and 33 minutes east of north for 2004 for the Wolverine project area.

WV04-125 was drilled to test the down dip extension of WV95-04 and WV95-05. This hole intersected two zones of semi-massive and massive sulphide mineralization. The upper horizon (240.0m -240.4m) contains semi-massive sulphide (up to 80% sulphides) and grades down hole from pyrite-rich sulphide to sphalerite-rich (sphalerite - 40% of total sulphide). The lower horizon (242.5m - 245.5m) contains massive sulphide and grades down hole from pyrite-rich sulphide to sphalerite-rich (Sphalerite - 35% of total sulphide). A graphitic mudstone separates the two sulphide horizons. The hangingwall consists of graphitic mudstone, while the footwall consists of quartz + chlorite + sericite + pyrite + chalcopyrite + sphalerite stringer zone footwall grading into chlorite+sericite schist (Altered rhyolite, ash and lapilli tuffs).

WV04-126 was drilled to fill in the gap between WV96-68 and WV96-56. This hole intersected a small zone of Pyrite-rich and Sphalerite rich semi-massive sulphide mineralization interbedded with graphitic mudstone between 151.7m and 152.5m (0.8m). Another zone of semi-massive to massive sulphide was intersected between 154.9m and 155.6m (0.7m). This lower horizon dominantly consists of pyrrhotite, with minor sphalerite + chalcopyrite. Two units occur between these sulphide intersections. The upper unit (possibly a felsic dyke) appears to cut the mineralization at 152.5m and appears to be cut by a quartz + albite? + chalcopyrite vein (154.3m-154.9m). The Immediate footwall below the lower sulphide horizon consists of a chlorite altered, rhyolitic, ash-lapilli, crystal- lithic Tuff. Several 5-20cm quartz +chlorite veins with minor chalcopyrite cut this altered Tuff. The chalcopyrite content decreases downhole away from the footwall contact.

WV04-127 was drilled to test the up-dip extension of the ore body on Line 16800E. The ore body was (and still is) open in this direction. This hole intersected 3 zones of massive sulphide mineralization. The upper massive sulphide horizon (175.4m - 176.1m) consists of pyrite, sphalerite and galena and is cut by carbonate veins. The middle massive sulphide horizon (177.5m-179.7m) consists of finely laminated pyrite, sphalerite, and galena. A small zone of sulphide breccia (possibly a collapsed chimney) occurs in this zone. The upper and middle zones are separated by argillaceous fault gouge. The lower massive sulphide zone (179.7m-180.3m) consists of pyrrhotite, pyrite, chalcopyrite massive sulphide stinger zone with minor altered mudstone. The immediate hangingwall consists of argillaceous fault gouge and massive carbonaceous argillite, while the footwall consists of chlorite + sericite altered rhyolitic tuffs.

WV04-128 was drilled to test the ore body between drill holes WV96-61 and WV96-69. This hole was terminated at 69.5m after the rods stuck. Several theories have been suggested on how the rods became stuck. One; the driller let the drill run dry and melted the bit, which then welded the rods in the hole. Or alternatively a metal rich seam was intersected causing the bit to melt and weld into place. A small (1-2cm) piece of core was retrieved form the core tube contained broken fragments of mudstone and melted chalcopyrite (?). The sample was submitted for assay and gave results similar to the results expected if a drill bit was assayed. So it was assumed that the melted material in the core was drill bit. Several attempts were made to free the rods, including drilling through the HQ rods with NQ to free up the bit. After several attempts failed the rods were broken and only the top rod was retrieved. The 20 rods in the hole remain in the hole. The drill hole was re-collared in the same location with a dip of -80 degrees, and called WV04-129.

WV04-129 was drilled to test the ore body between drill holes WV96-61 and WV96-69. This hole intersected 1 zone of massive sulphide mineralization. The sulphide horizon (330.6m - 338.8m) consists of an upper zone

(330.6m-331.7m) of semi-massive to massive pyrite interbedded with siliceous argillite. The main zone (331.7m-338.8m) consists of laminated pyrite, sphalerite, galena and chalcopyrite, as well as brecciated sulphide consisting of pyrite, sphalerite, galena, and chalcopyrite. A thin (338.8m-339.0m) quartz, barite, and chalcopyrite vein marks the footwall contact with a strongly sericite altered argillite. The hangingwall consists of massive to finely laminated carbonaceous argillite with minor quartz bands with pyrite nodules. A large zone of massive rhyolite and massive argillite were intersected in the hanging wall, which appear to pinch out towards the surface.

2004 Drilling Sections

Drill Sections were produced for all holes drilled in 2004 on the Wolverine Deposit and are included with this report in Appendix IV.

Discussion on the Mineralization in the Wolverine Deposit

The Wolverine deposit has two zones of thicker mineralization known as the Lynx (west) and Wolverine (east) zones separated by a zone of relatively thin sulphide mineralization called the 'Hump' zone or the 'Saddle' zone. The drilling conducted in 2004 has suggests that the hump zone is structurally controlled and bound by a sub vertical fault zone on either side. The exact displacement of this fault zone is unknown, but it is generally thought the vertical displacement is minimal since the ore horizon occurs at approximately the same stratigraphic level. The thickness of the marker horizons (Iron formation and calcite-pyrite exhalite) in the hanging wall changes significantly across these faults which suggest possible lateral movement.

The Wolverine and Lynx zone are very similar in terms of their mineralization. They both contain four distinct styles of mineralization: 1) fine-grained, non-laminated pyrite-rich massive sulphide, 2) fine-grained, laminated, sphalerite+pyrite+galena-rich massive sulphide, 3) fine-grained, sphalerite+pyrite-rich replacement style massive sulphide, and 4) chalcopyrite-rich stringer and disseminated semi-massive sulphide. Volumetrically the laminated, sphalerite+pyrite-rich massive sulphide is the most abundant style sulfide mineralization and occupies the lower portion of the ore body, while the pyrite-rich massive sulphide generally occurs in the upper portion and flanks of the ore lenses. The replacement style mineralization and stringer zone occur below the ore zone and extend into the strongly chlorite altered footwall.

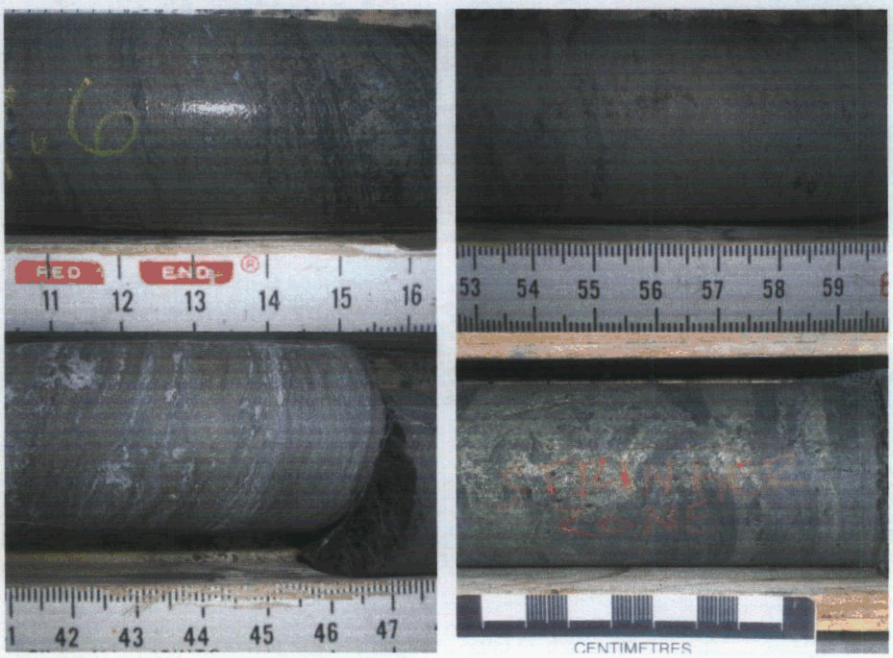

Figure. 4. Photos of core from the Wolverine Deposit showing the dominant textural and mineralogical variation. a) sphalerite+pyrite rich replacement texture, b) pyrite-rich massive sulphide, c) laminated, sphalerite+pyrite-rich massive sulphide, d) chalcopyrite-rich semi-massive stringer zone.

2004 Drilling Geochemistry

The following table is taken from the November 8, 2004 New release from Expatriate resources outlining the grades and intersection thicknesses for 2004 drilling.

Drill Hole	From (m)	To (m)	Interval (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	TRUE Thickness (m)
WV04-122	128.6	130.6	2.0	2.68	270.5	0.18	0.48	5.01	1.73
	143.8	149.7	5.9	2	454.4	0.82	2.25	15.16	5.11
WV04-123	175.9	186.9	11	0.9	135.7	0.58	0.77	5.24	9.53
incl.	175.9	177.5	1.6	3.64	369	0.33	1.92	4.55	1.4
incl.	180.3	182.8	2.5	1.49	319.6	1.51	2.02	18.96	2.17
incl.	186.2	186.9	0.7	0.32	59.4	1.65	0.14	2.16	0.61
WV04-124	118.1	123.4	5.3	4.29	669.8	0.65	1.73	8.25	4.98
incl.	118.8	123.1	4.2	5.24	813.6	0.7	2.13	9.42	3.95
incl.	120.1	122.7	2.6	7.37	1136.8	0.67	3.01	11.48	2.44
WV04-125	240.0	246.7	6.7	1.34	439.2	2.87	0.91	5.83	4.31
incl.	240.0	241.0	1.0	2.51	1468	0.31	2.91	9.28	0.64
incl.	242.5	246.7	4.2	1.22	251.4	4.47	0.43	6.26	2.7
WV04-126	151.7	155.6	3.9	0.92	76.3	0.6	0.27	1.64	2.51
incl.	151.7	152.5	0.8	1.34	127	0.15	1.22	5.22	0.51
incl.	154.3	155.6	1.3	1.82	143.9	1.64	0.02	0.67	0.84
WV04-127	175.4	180.6	5.2	1.57	203.9	0.47	0.86	10.6	4.89
incl.	177.5	179.7	2.2	2.1	292.5	0.71	1.3	16.25	2.07
incl.	178.5	179.0	0.5	1.9	154	0.82	0.38	21	0.47
WV04-129	330.6	338.8	8.2	0.94	195.9	0.733	1.71	12.18	7.1
incl.	331.7	338.8	7.1	1.05	225.8	0.85	1.97	14.06	6.15
incl.	334.3	338.8	4.5	1.13	235.1	0.97	2.16	16.34	3.9

Table 3. Assay results summarized for 2004 Drilling on the Wolverine Deposit (Epatriate Resources Ltd. News release November, 2004).

Implications for Exploration and Recommendations

The Wolverine, Lynx, and Hump zones have been divided into three zones based on the depth from surface in order to prioritize a drilling pattern that maximizes logistics and budgetary restrictions. The upper third of the Lynx zone has generally been drilled on 25 metre centers, while the lower two-thirds of the Lynx Zone, the entire Hump Zone, and the entire Wolverine Zone have been drilled on 50 metre spacing. Further drilling is required on the lower two-thirds of the Lynx zone and the Hump and Wolverine Zone to define these zones on 25 metre spacing.

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Respectfully Submitted,

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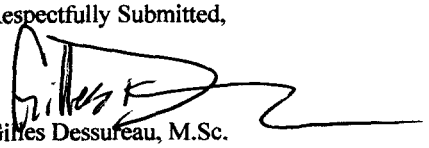


Gilles Dessureau, M.Sc.
Project Geologist
Yukon Zinc Corporation

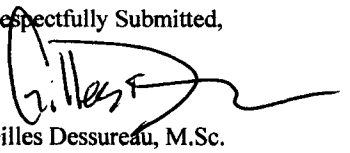
Appendix I

Author's statement of qualifications

I, Gilles Dessureau, Project Geologist, for Yukon Zinc Corporation, do herby certify that:

1. I graduated from St. Mary's University in Halifax, Nova Scotia with a Bachelor of Science with Honors in Geology in 1998.
2. I graduated from Laurentian University in Sudbury, Ontario with a Masters of Science in Geology in 2003.
3. From 2004 to present I have been an employee of Yukon Zinc Corporation (formerly Expatriate Resources Ltd.)
4. I have personally supervised and participated in the work described herein.

Respectfully Submitted,



Gilles Dessureau, M.Sc.
Project Geologist
Yukon Zinc Corporation

Summary of Costs for Wolverine Deposit Assesment 2004

YUKON ZINC CORPORATION - 2004
Project 1614 - Wolverine

	1614 Wolverine (Finlayson)
5012 · Explor. & Dev. - Subtotal	
5014 · Accommodation & Meals	25,153.58
5016 · Assays/Geochemical Analysis	25,622.39
5034 · Camp Maintenance	72.10
5040 · Fixed Wing	166,195.75
5042 · Helicopter	134,437.52
5050 · Communications/Telephone	9,225.49
5060 · Drilling	199,122.91
5062 · DD Contractor - Direct	0.00
5082 · Equipment Rentals	25,828.95
5085 · Expediting	29,300.45
5100 · Fuel	710.75
5112 · Fuel - Unleaded/100LL	5,027.76
5114 · Fuel - Propane	5,053.42
5116 · Fuel - Jet B	20,450.05
5118 · Fuel - Diesel	28,912.00
5128 · Consulting	54,668.14
5132 · Geological Consultants	154,251.43
5140 · Cook/First Aid Attendant	45,269.80
5150 · Labour	199,932.19
5152 · Contract labour	1,171.50
5175 · Materials & Supplies	56,663.09
5195 · Printing & Reproduction	1,270.24
5200 · Supplies	144,904.44
5212 · Truck Rental	1,435.28
5214 · Truck/Ship/Postage/Courier	4,167.85
5231 · Parking/Taxi	256.24
5232 · Travel Costs	20,573.44
5235 · Vehicle Maintenance & Insurance	2,858.38
5242 · Wages/Benefits - Explor Perm	190.19
5250 · Workers' Compensation	8,346.35
5260 · Warehouse	299.54
5710 · Safety Supplies	3,617.04
Total 5012 · Explor. & Dev. - Subtotal	1,374,988.26

DRILL LOG

PROJECT: Wolverine 1614	GROUND ELEV.: 1401
HOLE NO.: WU04 - 121	BEARING: 180° (Grid South)
LOCATION: 16200E 439657E 16930N 6811276N	DIP: -55°
	TOTAL LENGTH: 175.3m
LOGGED BY: Gilles Dessureau	HORIZONTAL PROJECT
DATE: 03/07/04	VERTICAL PROJECT
CONTRACTOR: E. Caron Diamond Drilling	ALTERATION SCALE: 0 1 2 3 — absent; slight; moderate; intense
CORE SIZE: HQ	
DATE STARTED: 03/07/04	TOTAL SULPHIDE SCALE: 0 1 2 3 4 — traces only; < 1%; 1% – 3%; 3% – 10%; > 10%
DATE COMPLETED:	
DIP TESTS: Az / Dip 11.9m - 179.4° / -53.4° 58.2m - 186.9° / -54.2°	
COMMENTS: Purpose: - Infill drilling of Wolverine - Gravity Dense Media Study - Metallurgical Study - Geotechnical assessment	LEGEND

PAGE 1 OF 17 | PROJECT: Wolverine | HOLE NO. WC4-121

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
4		Cas		0 – 4.3 m Casing – OB							
4.5				4.3 m – 27.1 – RHAR – Interbedded Rhyolite/ Argillite							
6	90%			Fine ~~Argillite~~ Rhyolite bands with 1-20 cm Argillite horizons							
7			80°								
8											
9											
10											
11											
12	90%										
13											
14											
15											
16											
17	90%										
18											
19											
20											
21											
22											
23	90%										
24											
25											
26											

PAGE 2 OF 17 | PROJECT: Wolverine | HOLE NO. W04-121

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 3 OF 17 | PROJECT: Wolverine | HOLE NO. W04-121

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
27				Interbedded Contact							
			80°	27.1-28.8 ARSI - Siliceous Argillite - lt grey - dark grey Thinly bedded argillite.							
28											
29			80°	28.8-40.5 RHAR - Fine Grained lt grey - lt green Siliceous Rhyolite minor interbedded Argillite							
30											
31											
32			80°								
33											
34											
35											
36											
37											
38											
39											
40											
41			80°	40.5-42.2 EXMT - Greenish - dk Grey Banded Iron Formation - Quartz + Mt + chlorite. Trace pyrite along fracture							
42			80°								
43				42.2-47.1 EXCP - Calcite + Silica + minor Pyrite Exhalite. Finely banded. Small magnetite horizons. Minor interbedded argillitic horizons.							
44			80°								
45											
46											
47											
			80°	47.1-50.1 ARSI - ~~[illegible]~~ - ARMS. - Carbonaceous argillite at 50.1 with Pyrite + Qtz grading up to Siliceous argillite.							
48											
49											

PAGE 4 OF 17 | PROJECT: Wolverine | HOLE NO. WV04-121

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 35 OF 17 | PROJECT: Wolverine | HOLE NO. WCG-121

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
50			30°	50.1-52.9 - RHTT- lt green-grey - xl, lithic ash Tuff							
51				Pale cloudy Feldspar x/s							
52			60°	sharp upper contact.							
53			30°	52.9-63.5 - ARSI - Siliceous Argillite.							
54											
55											
56											
57											
58				58.2-63.1 → last core.							
59											
60											
61											
62	0%										
63											
64			60°	63.5-65.2 [redacted] - QV - Cross cutting upper contact. Grey cloudy qtz.							
65											
66				65.2-77.3 [redacted] - (ARSI-ARGR) - ARSI - Carbonaceous Argillite at 72.3 grading up section to Siliceous Argillite - Abundant Py @ Bottom.							
67											
68											
69											
70											
71			30°								
72											

PAGE 6 OF 17 | PROJECT: Wolverine | HOLE NO. W04-124

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 7 OF 17 | PROJECT: Wolverine | HOLE NO. WU04-121

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
73											
74											
75											
76				Gradational Contact to ARSI @ Bottom							
77											
78			70°	77.3-85.7 RHFS.- Fine grained Grey Siliceous Rhyolite Massive unit. [Flow?]							
79											
80											
81											
82											
83											
84				84.7 - 85.7m lost Core.-							
85	0%										
86				85.7-88.5 ARSI → ARGR- Finely laminated Siliceous argillite abundant pyrite increasing in abund. down section.							
87											
88											
89				88.5-95.1 RHFS- white-grey Massive Fine grained. highly Silicified unit.							
90											
91											
92											
93											
94											
95											

PAGE 8 OF 17	PROJECT: Wolverine	HOLE NO. WV04-12.1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 9 OF 17 | PROJECT: Wolverine | HOLE NO. W104-121

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
96				95.1-95.7 ARSI.							
				95.7-100.2 RHTS.							
97											
98											
99											
100											
101											
102				100.2-103.7 RHTT - lt grey-greenish grey Ash Tuff, finely laminated trace pyrite.							
103											
104				103.7-104.9 QV with bMS - Pyrite + Galena - 10-15 cm of sulfide							
105			85°	104.9-107.7 - ARSI - ARMS. - Finely laminated massive, grey Argillite							
106											
107											
108			85°	107.7-126.2 ARGR - Finely laminated dk Grey to Black carbonaceous argillite. minor pyrite.							
109											
110											
111											
112											
113											
114											
115											
116											
117											
118											

PAGE 10 OF 17 | PROJECT: Wolverine | HOLE NO. WVC4-121

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		90.1	91.1	1.0	242051	
		91.1	92.1	1.0	242052	
		92.1	93.1	1.0	242053	
		93.1	94.1	1.0	242054	
		94.1	95.1	1.0	242055	
		95.1	96.7	0.6	242056	
		96.7	97.2	1.5	242057	
		97.2	98.2	1.0	242058	
		98.2	99.2	1.0	242059	
		99.2	100.2	1.0	242060	
		100.2	101.7	1.6	242061	
		101.7	102.7	1.0	242062	
		102.7	103.7	1.0	242063	
		103.7	104.9	1.2	242064	
		104.9	105.9	1.0	242065	
		105.9	106.9	1.0	242066	
		106.9	107.9	1.0	242067	
		107.9	108.9	1.0	242068	
		108.9	109.9	1.0	242069	
		109.0	110.9	1.0	242070	
		110.9	111.9	1.0	242071	
		111.9	112.9	1.0	242072	
		112.9	113.9	1.0	242073	
		113.9	114.9	1.0	242074	
		114.9	115.9	1.0	242075	
		115.9	116.9	1.0	242076	
		116.9	117.9	1.0	242077	
		117.9	118.9	1.0	242078	

PAGE 11 OF 17 | PROJECT: Wolverine | HOLE NO. WU04-121

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
119												
120												
121												
122												
123												
124												
125												
126			bcc	126.1-128.8	lapilli Tuff - RHLT. lite grey - white. Finely laminated lapilli sized fragments & xls.							
127												
128				1								
129				128.8-132.2	ARGR - Dk Grey - Black carbonaceous argillite. - minor Pyrite.							
130												
131					131.8-132.2 - QV. -no mineralization.							
132				132.2-133.5	FDPH. - lg (1cm) xl of Feldspar - Variably altered.							
133												
134				133.5-140.5	RPTF - Feldspar xl ash tuff. - Variably altered feldspar xl ash Tuff							
135												
136												
137												
138												
139												
140												
141				140.5-175.3m	- ARGR - Finely Laminated Carbonaceous Argillite Pyrite + Qtz - 2cm's.							

PAGE 12 OF 17	PROJECT: Wdveine	HOLE NO. WV04-121

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 13 OF 17 | PROJECT: Wolverine | HOLE NO. WV04-121

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
142											
143											
144											
145											
146											
147											
148											
149											
150											
151											
152											
153											
154											
155											
156				156.0 - Qtz veins with Green mineral.							
157											
158											
159											
160											
161				161.0 - 162.2 m. lost Core 1							
162											
163				ARMS Cont.							
164											

PAGE 14 OF 17 | PROJECT: Wolverine | HOLE NO. WV04-121

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 15 OF 17 | PROJECT: Wolverine | HOLE NO. WV04-121

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
165											
166											
167											
168											
169											
170											
171											
172											
173											
174											
175				1753 EOH.							
176											
177											
178											
179											
180											
181											
182											
183											
184											
185											
186											
187											

PAGE 16 OF ~~17~~ | PROJECT: Wolverine | HOLE NO: WV04-121

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 17 OF 17 | PROJECT: | HOLE NO.

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

DRILL LOG

PROJECT Wolverine	**GROUND ELEV.** 1383 m
HOLE NO. WV04-122	**BEARING** 180° Grid South
LOCATION 16910 N, 10350 E, Grid — UTM 439657 E, 6811178 N	**DIP** -85°
	TOTAL LENGTH 172.3 m
LOGGED BY Gilles Dessureau	**HORIZONTAL PROJECT**
DATE July 11, 2004	**VERTICAL PROJECT**
CONTRACTOR E. Caron Diamond Drilling	**ALTERATION SCALE**
CORE SIZE HQ	0 absent; 1 slight; 2 moderate; 3 intense
DATE STARTED July 11, 2004	**TOTAL SULPHIDE SCALE**
DATE COMPLETED	0 traces only; 1 < 1%; 2 1% – 3%; 3 3% – 10%; 4 > 10%

DIP TESTS

	Az.	D.D
46.00 m	202.7°	-84.7°
93.00 m	208.3°	-82.5°

COMMENTS

This Hole intersected 3 zones of Semi Massive and Massive Sulfides.

The upper 2 horizons are Semi Massive and are 1.9 m and 2.0 m thick respectively. The lower horizon is 5.9 m thick and consists of Massive Pyrite (80%) and sphalerite + galena (20%)

LEGEND

PAGE 1 OF 15 | PROJECT: Wolverine | HOLE NO. WV04-122

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				0 - 4.8m Casing - OVERBURDEN.							
5				4.8m - 17.1 - RHFS - White - Brownish white - Fine-grained aphanitic - weathered → Brown. on - fractured surfaces.							
6			65°	[GRD04-001 @ 13.5 m]							
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17			60°	17.1 - 17.3 ARSI - light-med grey - finely Bedded - siliceous argillite.							
18				[GRD04-002 @ 17.3]							
19			60°	17.3 - 33.8 RHFS - RAAR - light grey to greenish grey high silica Rhyolite - Quartzite with minor & interbedded argillite & laminea (VLZ)							
20				[GRD04-003 @ 20.3 m]							
21											
22											
23											
24											
25											
26											

PAGE 2 OF 15	PROJECT: Wolverine	HOLE NO. WV04-122

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 3 OF 15 | PROJECT: Wolverine | HOLE NO. WJC04-122

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
27											
28											
29											
30											
31											
32				32.1 - 32.3 - QV.							
33											
34											
35											
36											
37											
38											
39				38.8-52.2 - ARST - lt grey and dk grey Banded Argillite + Siltstone Quartzite ~~Qtz~~ beds ~ 1-2cm thick Argillite beds ~ 1-2 cm thick							
40				GRD04-004 @ 38.8m							
41											
42											
43											
44											
45											
46											
47											
48											
49											

PAGE 4 OF 15 | PROJECT: Wolverine | HOLE NO. W04-122

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 5 OF 15 | PROJECT: Wolverine | HOLE NO. WO4-122

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
50											
51											
52			65°	52.2-67.4 RHFS-RHAR. - lt grey - white - greenish white - Intrabedded ~~grey~~ High SiO_2 Rhyolite or Quartzite and Argillite. [GR04-005 @ 52.6 m]							
53											
54			65°								
55											
56											
57											
58	0%			57.3-58.2 - lost Core							
59											
60											
61											
62											
63											
64											
65											
66											
67			70°	67.4-67.9 - EXMT - very lean IF @ Qtz+ Mgt+Chlo. - 3-4 Bands (1-2cm) of 10% Mt. [GR04-006 @ 67.4 m]							
68			60°	67.9-69.0 - RHFS - ~~grey~~ - white - greenish grey fine Silica rich Rhyolite or Quartzite [GR04-007 @ 67.9 m]							
69			60°	69.0-73.7 - ARST - ARMS - gradational unit Dark Black graphitic argillite with qtz veins @ Bottom grading up to siliceous argillite. [GR04-008 @ 69.0 m]							
70											
71											
72											

PAGE 6 OF 15 | PROJECT: Wolverine | HOLE NO. WV04122

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 7 OF 15 | PROJECT: Wolverine | HOLE NO. WV04-124

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
73											
74			60°	73.7-77.4 RHLT - Greenish-Grey - Lapilli xl, Lithic Tuff -stretched fragments and xls. [GRD04-009 @ 73.7 m]							
75											
76			60°								
77											
78			60°	77.4-88.7 ARSI - with minor RHFS - Med - light grey siliceous argillite - Thin beds ~1-2cm - Finer laminations at Bottom [GR04-010 @ 77.4 m]							
79											
80											
81											
82											
83											
84											
85				83.3m - 85.7m - Quartzite or RHFS horizon. - Poor recovery.							
86											
87											
88				Brecciated contact ~~with~~ between ARSI and RHFS high silicification.							
89				88.7-96.4 - RHFS - Breccia - highly Silicified Breccia. In Situ Breccia - rotated clasts - angular - 1-5cm clasts, greenish grey silica matrix. [GRD04-011 @ 88.7]							
90											
91											
92											
93				93.0-94.7 - Lost Core. Sand.							
94											
95											

PAGE 8 OF 19 | PROJECT: Wolverine | HOLE NO. WV04-12 E

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 9 OF 15 | PROJECT: Wolverine | HOLE NO. WV04-122

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
96.4-111.2				ARMS - Dk grey - Black - finely laminated Argillite (mudstone) [GR04-012 @ 96.6m]							
100.9-102.4 m lost Core.											
111.2-118.8				RHMS - Med grey, massive - weakly feldspar phyric rhyolite flow, possible dyke. Unfoliated. Cut by abundant sulfide (pyrite+sphalerite) stringers and qtz stringers. Locally up to 10cm Thick with well preserved breccia texture [GR04-013 @ 111.2 m]							
118.8-120.2 (1.4m)				PMSM - Pyrite+sphalerite Banded Semi massive Sulfide mineralization. [GR04-014 @ 118.3]							

PAGE 10 OF 15 | PROJECT: Wolverine | HOLE NO. WV09-122

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
Felsic Flow or Dyke - weakly porphyritic - Qtz veins pyrite veins, pyrite + sphalerite veins.	5%	111.6	112.6	1.0	242079	
	5%	112.6	113.6	1.0	242080	
	5%	113.6	114.6	1.0	242081	
	10%	114.6	115.6	1.0	242082	
	10%	115.6	116.6	1.0	242083	
	80%	116.6	118.0	1.4	242084	

PAGE 11 OF 15 | PROJECT: Wolverine | HOLE NO. WL04122

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
119											
120				120.2-128.6 PMSM - ~~Poly~~ Pyrite + sphalerite (~~20%~~ 20%) Banded ~~semi massive~~ sulfide interbedded with argillite.							
121				ARMS - Dk grey - Black ~~finely~~ finely laminated argillite							
122				[GR04-015 @ 120.2m]							
123											
124											
125											
126											
127											
128											
129				128.6-130.6 (2m) - PMSM - Pyrite + sphalerite Banded semi massive sulfide - ~~in~~ interbedded argillite sulfide content increases down							
130				[GR04-016 @ 130.4]							
131				130.6-143.8 ARMS - ARGR - Dk grey - Black ~~finely~~ finely laminated argillite - minor qtz bands associated with Pyrite Nodules.							
132											
133				[GR04-017 @ 130.7]							
134											
135											
136											
137											
138											
139											
140											
141											

PAGE 12 OF 15 | PROJECT: Wolverine | HOLE NO. WU04-122

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
Py (50%), Sp (50)	1%	118.0	118.6	0.6	242085	
Py (40), Sp (60)	50%	118.6	119.6	1.0	242086	
Py (60), Sp (40)	50%	119.6	120.6	1.0	242087	
Py (80), Sp (20)	10%	120.6	121.2	0.6	242088	
Py (100%)	1%	121.2	122.2	1.0	242089	
Py (100%)	1%	122.2	123.2	1.0	242090	
Py (100)	1%	123.2	124.2	1.0	242091	
Py (100)	1%	124.2	125.2	1.0	242092	
Py (100)	1%	125.2	126.2	1.0	242093	
Py (100)	1%	126.2	127.2	1.0	242094	
Py (100%)	1%	127.2	128.6	1.4	242095	
Py (50%), Sp (50%)	30%	128.6	129.6	1.0	242096	
Py (50%), Sp (50%)	60%	129.6	130.6	1.0	242097	
Py (100%)	1%	130.6	131.6	1.0	242098	
Py (100%)	1%	131.6	132.6	1.0	242099	
Py (100%)	1%	132.6	133.6	1.0	242100	
Py (100%)	1%	133.6	134.6	1.0	242151	
Py (100%)	1%	134.6	135.6	1.0	242152	
Py (100%)	1%	135.6	136.6	1.0	242153	
Py (100%)	1%	136.6	137.6	1.0	242154	
Py (100%)	1%	137.6	138.6	1.0	242155	
Py (100%)	1%	138.6	139.6	1.0	242156	
Py (100%)	1%	139.6	140.6	1.0	242157	

PAGE 13 OF 15 | PROJECT: Wolverine | HOLE NO. WV04-122

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
142											
143											
144			60°	SMS 143.8-149.7 - 5.9m (Apparent Thickness) Massive Sulfide horizon. (5.9m) - laminated with 1-2cm sphalerite Bands. Generally ~80% Py 20% sphalerite + Galena small zone of weakly Brecciated sulfide w sulfide matrix. (Py) [GRD04-018 @ 144.2m]							
145											
146											
147											
148											
149											
150			60°	149.7-150.5 - RHTT - strongly altered greenish grey - Rhyolite Ash Tuff. strong schistose texture. [GRD04-019 @ 149.7]							
151			60°								
152				150.5-152.7 - ARMS - Dk grey-black Argillite (Mudstone) strong schistose texture. [GRD04-020 @ 150.5m]							
153			60°								
154				152.7-160.4 - RHTT - green-grey highly deformed strongly altered Rhyolite Ash-Lapilli Tuff. with thin structurally emplaced Argillite beds. Dominantly sericite alteration. minor chlorite. Minor pyrite.							
155											
156											
157				[GRD04-021 @ 155.8m]							
158				Possibly altered Mudstone.							
159											
160											
161			60°	160.4-172 ARMS - ARGR - Dark Grey - Black Massive Mudstone argillite - grades into Graphitic argillite.							
162											
163				[GRD04-022 @ 163.1m]							
164											

PAGE 14 OF 15 | PROJECT: Wolverine | HOLE NO. WV-04-122

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
Py (100%)	1%	140.6	141.6	1.0	242158	
Py (100%)	1%	141.6	142.6	1.0	242159	
Py (100%)	1%	142.6	143.8	1.2	242160	
Py (80%), Sp (18%), GN (2%), Cpy (1%)	90%	143.8	144.8	1.0	242161	
Py (90%), Sp (8%), GN (1%), Cpy (1%)	100%	144.8	145.8	1.0	242162	
Py (80%), Sp (18%), GN (1%), Cpy (1%)	100%	145.8	146.8	1.0	242163	
Py (80%), Sp (18%), GN (1%), Cpy (1%)	100%	146.8	147.8	1.0	242164	
Py (80%), Sp (18%), GN (1%), Cpy (1%)	100%	147.8	148.8	1.0	242165	
Py (80%), Sp (18%), GN (1%), Cpy (1%)	100%	148.8	149.7	0.9	242166	
Py (100%)	1%	149.7	150.5	0.8	242167	
Py (100%)	1%	150.5	152.7	2.2	242168	
Py (100%)	1%	152.7	153.8	1.1	242169	
Py (100%)	1%	153.8	155.1	1.3	242170	
Py (100%)	1%	155.1	156.1	1.0	242171	
Py (100%)	1%	156.1	157.1	1.0	242172	
Py (100%)	1%	157.1	158.1	1.0	242173	
Py (100%)	1%	158.1	159.1	1.0	242174	
Py (100%)	1%	159.1	160.1	1.0	242175	
Py (100%)	1%	160.1	161.1	1.0	242176	
Py (100%)	1%	161.1	162.1	1.0	242177	
Py (100%)	1%	162.1	163.1	1.0	242178	
Py (100%)	1%	163.1	164.1	1.0	242179	
Py (100%)	1%	164.1	165.1	1.0	242180	

End of samples

PAGE 14 OF 15 | PROJECT: Wolverine | HOLE NO. WV04127

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
165											
166											
167											
168											
169											
170											
171				Argillite.							
172				172.3 EOH							
173											
174											
175											
176											
177											
178											
179											
180											
181											
182											
183											
184											
185											
186											
187											

DRILL LOG

PROJECT: Wolverine (1614)	GROUND ELEV.
HOLE NO.: WU04-123	BEARING: 360° Grid North
LOCATION: 16400N 16910E UTM NAD27-2001 439805 E 6911166 N	DIP: -85°
	TOTAL LENGTH: 201.6m.
LOGGED BY: Gilles Dessureau	HORIZONTAL PROJECT
DATE: July 17, 2004	VERTICAL PROJECT
CONTRACTOR: E. Caron Diamond Drilling	
CORE SIZE: HQ	
DATE STARTED: July 16, 2004	
DATE COMPLETED: July 23, 2004	
DIP TESTS	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

LEGEND

PAGE 1 OF | PROJECT: Wolverine | HOLE NO WV04-123

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
4				0 - 27.4m - Overburden							
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24				24.7 -							
25				24.~~7~~ ~~55~~ 29.3m RHFS ~~RHAE~~ white to light grey high Silica ekalate? pure quartz with ppt 1mm sericite bands trace Pyrite + galena							
26	60%										

GRD04-023 @ 26.2m

PAGE 2 OF	PROJECT: Wolverine	HOLE NO. WV04-123

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 3 OF | PROJECT: Wolverine | HOLE NO. WVC4-123

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
27											
28											
29	100		40°	293.299 EXMT- very lean I.E. 1% magnetite + chlorite + qtz. [GRDC4-024 @ 29.3m]							
30				299-553 ↳ RHFS- White to light Grey Quartz rich Silica Exhalite - similar to above possibly more Argillic [GRDC4-025 @ 30.8m]							
31											
32											
33											
34											
35											
36											
37											
38											
39											
40											
41											
42											
43											
44											
45											
46											
47											
48											
49											

PAGE 4 OF	PROJECT: Wolverine	HOLE NO. WV04-123

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				
1% Magnetite in very thin 1-2m bands										

PAGE 5 OF | PROJECT: Wolverine | HOLE NO. WD04-123

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
50											
51											
52											
53				53.1 - 53.2 - QV + pyrite (2%) + chlorite							
54											
55				55.3-73.8 ARSI - lt grey - dk grey 1-2 cm interbedded mudstone + qtzite. [GRD04-026 @ 55.3m]							
56											
57											
58											
59				59.4 - 59.5 - QV							
60											
61											
62											
63											
64											
65											
66											
67											
68											
69											
70											
71											
72											

PAGE 6 OF | PROJECT: Wolverine | HOLE NO. WV04-123

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 7 OF | PROJECT: Wolverine | HOLE NO. WV04-123

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
73											
74				73.9-85.2 RHFS-RHAR- lt grey-white-lt green Interbedded Calcm mudstone with >2cm high Silica Beds. [GRD04-027 @ 74.0m]							
75											
76											
77											
78											
79											
80											
81											
82											
83											
84											
85				85.2-86.6 EXMT- very lean IF. 2-5mm horizons of 10-50% magnetite s/s interbedded with highly Silicious beds. [GRD04-028 @ 86.2]							
86			55°								
87				86.6-88.7 RHFS or EXSI. white to light grey high Silica unit with small (1mm) Sericite laminea [GRD04-029 @ 87.0]							
88			55°								
89				88.7-93.0 → ARSI - dk grey to med grey siliceous Argillite 89.6-93.0 - Lost core.							
90											
91	10%										
92											
93				93.0-94.1 -Qtz Vien with Pyrite mineralization at the Downhole end. Brecciated Pyrite - 2cm @ 10% Pyrite.							
94											
95											

PAGE 8 OF	PROJECT: Wolverine	HOLE NO. WU04 123

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 9 OF | PROJECT: Wolverine | HOLE NO. W04-123

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				RHCL							
96				94.1-98.7 - chlorite sericite altered Argillite - med grey to green finely laminated argillite with zones up to 1m with strong chlorite + sericite alteration. [GRD04-030 @ 96.0]							
97											
98											
99				98.7-104.3 - ARSI - strongly Brecciated, heavily silicified finely laminated argillite cut by abundant carb. veins - post deformation. [GRD04-031 @ 98.8]							
100											
101											
102											
103											
104			60°	104.3-117.0 RHFS - white - lt grey highly Siliceous Bands 1-5cm thick with 1-2 mm laminea of sericite? (FXSI) very fine trace Py. trace spk in 1mm wisplets [GRD04-032 @ 104.8m]							
105			65°								
106											
107											
108											
109											
110											
111				111.0 - pyrite stringer 0.5cm							
112											
113											
114			60°	114.0 Carbonate vein - 8 med - light grey calcite vein with qtz + pyrite + galena trace							
115											
116				115.6 - Carb vein SAA							
117			60°	117.0-132.9 ARSI - cont. new							
118											

PAGE 10 OF	PROJECT: Wolverine	HOLE NO. WH4-123

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 11 OF | PROJECT: Wolverine | HOLE NO. WG4-23

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
119				ARST- continued lt grey to med Gred laminated ~~tuffs~~ Mudstone with 1-2cm silicious horizons							
120											
121				[GRD04-033 @ 117.1m]							
122											
123											
124											
125											
126											
127											
128											
129											
130											
131											
132											
133			60°	132.9-142.1 ARGR- Black - dk grey finely laminated Carbonaceous mudstone							
134											
135				[GRD04-034 @ 133.0m]							
136											
137											
138											
139											
140											
141				141.8- QV							

PAGE 12 OF | PROJECT: Wolverine | HOLE NO. W04-123

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				
132.9-142.1 - 1-2% sulfide										
100% pyrite nodules										

PAGE 13 OF | PROJECT: Wolverine | HOLE NO. WK04-73

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
142			60°	142.1-147.9 - RHZT - Light Grey to Med Grey Rhyolite Lapilli tuff. -1-2cm Felspar xls or Lithic Fragments, trace Pyrite [GRD04-035 @ 142.7m]							
143											
144											
145				143.7-144.0 - RHTT. Rhyolitic tuff horizon.							
146											
147											
148				147.9-149.7 - RHMS - Massive non foliated - brecciated Rhyolite - highly silicified abundant Quartz Fes. & Bottom							
149											
150				149.7-167.3 ARMS-ARGR - Dk grey to Black finely laminated mudstone - occasional Pyrite nodules within qtz veins [GRD04-037 @ 149.8m]							
151											
152											
153				Abundant Pyrite rich horizon							
154											
155											
156											
157											
158											
159											
160											
161											
162			60°								
163				163.8-164.5 - Silicified Zone							
164											

PAGE 14 OF | PROJECT: Wolverine | HOLE NO. WW04-123

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
SAMPLES LISTED ON Pg 16 SHOULD BE ON Pg 14		168.2	169.2	1.0	242198	
		169.2	170.2	1.0	242199	
		170.2	171.2	1.0	242200	
1-2% Sulfide 100% P_y,		171.2	172.9	1.7	242201	
		172.9	173.9	1.0	242202	
		173.9	174.9	1.0	242203	
		174.9	175.9	1.0	242204	
80% Sulfide - 75% P_y, 23% S_p, 1% GN, 1% C_{py}, 0% P_o		175.9	176.7	0.8	242205	
		176.7	177.1	0.4	242206	
2% Sulfide - 20% P_y, 80% S_p, 0% GN, tr C_{py}, 0% P_o		177.1	177.5	0.4	242207	
15% Sulfide - 50% P_y, 50% S_p, 0% GN 0% C_{py}, 0% P_o		177.5	178.5	1.0	242208	
>1% Sulfide - 100% P_y		178.5	179.3	0.8	242209	
100% Sulfide - 95% P_y, 5% S_p, tr GN, tr C_{py}, 0% P_o		179.3	180.3	1.0	242210	
		0.0	0.0	SLD	242211	
100% Sulfide - 95% P_y, 5% S_p, tr GN, tr C_{py}, 0% P_o		180.3	181.3	1.0	242212	
100% Sulfide - 85% P_y, 12% S_p, 1% GN, 2% C_{py}, 0% P_o		181.3	182.3	1.0	242213	
100% Sulfide - 75% P_y, 18% S_p, 2% GN, 5% C_{py}, 0% P_o		182.3	182.8	1.5	242214	
		182.8	183.0	0.2	242215	
		183.0	183.9	0.9	242216	
		183.9	185.4	1.5	242217	
1-2% Sulfide 40% P_y, 0% S_p, 0% GN 60% C_{py}, 0% P_o		185.4	186.2	0.8	242218	
		186.2	186.9	0.7	242219	
		186.9	187.9	1.0	242220	

PAGE 15 OF | PROJECT: Wolverine | HOLE NO. WB4123

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
165											
166											
167			45°	167.3-171.2 strongly silicified [redacted] EXCP - light-Med Grey mottled textured Calcite + Silica - Ethalite or alteration unit. abundant Pyrite + cpy. + sphalerite + Po. [GRDD4-038 @ 167.7m]							
168											
169											
170											
171			60°	1680 - Cross cutting QV - seems to be zoned with strongest Calcite in center.							
172											
173				171.2-178.9 (7.7m) - ARMS - Massive finely laminated dk grey - black mudstone minor Pyrite + QTz horizons [GRDD1-039 @ 171.5m]							
174											
175											
176											
177			60°	176.4-177.5 (1.6m) SSMS - Pyrite + sphalerite + Galena + chalcopyrite rich massive sulfide with small zone of QTz + chlorite + sphalerite + horizon.							
178			60°								
179			80°	177.5-179.3 - ARMS - Massive finely laminated Black - Dk grey mudstone							
180				179.3-182.8 (3.5m) SSMS - Pyrite + sphalerite + galena + chalcopyrite massive sulfide							
181											
182											
183			45°	ARCL 182.5-182.9 RHCL - small zone of greenish grey strongly altered Rhy? 182.9-185.4 → [redacted] - Altered - light grey - med grey - strongly Altered sericite							[GRDD4-040 @ 182.9m]
184											
185											
186			85°	185.4-185.9 - QV - with 2% cpy & 5-10% - chlorite -							
187											

PAGE 16 OF | PROJECT: Wolverine | HOLE NO. WN04-123

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
SAMPLES LISTED ON Pg 14 SHOULD BE ON Pg 16						
10% Sulfide – (75%) Py, (23%) Sp, (1%) Gn, (1%) Cpy, (0%) Po		147.9	149.7	1.0	242181	
2% Sulfide – (100%) Py		149.7	150.7	1.0	242182	
		150.7	151.7	1.0	242183	
		151.7	152.7	1.0	242184	
		152.7	155.9	3.2	242185	
		155.9	156.5	0.6	242186	
		156.5	157.3	0.8	242187	
		157.3	158.3	1.0	242188	
		158.3	159.3	1.0	242189	
5-10% Sulfide (95%) Py, (4%) Sp, (1%) Gn (0%) Cpy, (0%) Po		159.3	160.3	1.0	242190	
		160.3	161.3	1.0	242191	
1% Sulfide – (100%) Py		161.3	162.3	1.0	242192	
		162.3	163.3	1.0	242193	
		163.3	164.3	1.0	242194	
		164.3	165.3	1.0	242195	
		166.3	167.3	2.0	242196	
1-2% Sulfide (0%) Py, (0%) Sp (0%) Gn (100%) Cpy, (0%) Po		167.3	168.2	0.9	242197	

PAGE 17 OF 17 | PROJECT: Wolverine | HOLE NO. WW04-123

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
				RHCL - RHSR							
188			60°	186.9-201.6 - ARSI - ARMS Variably altered dk grey to light grey finely laminated mudstone. [GRD04-042 @ 189.0m]							
189											
190											
191											
192				191.4 - 191.5 - QV with 1m alter ~~dkgrey~~ alteration halo.							
193											
194											
195											
196				176 - 179 - Flt							
197											
198											
199											
200				200.8 - 201.1 - QV - wc mineralization. Strong sericite alteration halo around QV - 10 cm above at least 10 cm ~~above~~ below							
201											
202			60°								
203				201.6 m EOH.							
204											
205											
206											
207											
208											
209											
210											

PAGE 18 OF 18 | PROJECT: Wolverine | HOLE NO. WW04-123

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		187.9	188.9	1.0	242221	
		188.9	189.9	1.0	242222	
		189.9	190.9	1.0	242223	
		190.9	191.9	1.0	242224	
		191.9	192.9	1.0	242225	
		192.9	193.9	1.0	242226	
		193.9	194.9	1.0	242227	
		194.9	196.9	2.0	242228	
		0	0	STD	242229	
		196.9	197.9	1.0	242230	
		197.9	198.9	1.0	242231	
		198.9	199.9	1.0	242232	
		END OF SAMPLES				

PAGE	OF	PROJECT:	HOLE NO.

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

DRILL LOG

PROJECT WOLVERINE	GROUND ELEV. 1376m (4,514.44ft)
HOLE NO. WV04 - 124	BEARING Grid South
LOCATION Located on sump/pump site used to stage WV95-04/05 half way between WV95-01	DIP -70°
	TOTAL LENGTH
LOGGED BY Jason K. Dunning	HORIZONTAL PROJECT
DATE July 27, 2004	VERTICAL PROJECT
CONTRACTOR E. Caron Diamond Drilling	ALTERATION SCALE 0 1 2 3 absent slight moderate intense
CORE SIZE HQ (NQ anchor)	
DATE STARTED July 27, 2004	TOTAL SULPHIDE SCALE 0 1 2 3 4 traces only < 1% 1% - 3% 3% - 10% > 10%
DATE COMPLETED	
DIP TESTS Surface: 182.45/- ;	
COMMENTS - 15.24m overburden - targeting intercept between WV9501 and WV9504, which were the discovery holes of the deposit - UTM Zone 9 NAD 27 0439994 E 6810881 N - Local Grid 16+700 E 16+788 N	LEGEND EXR WJV Legend

PAGE 2 OF | PROJECT: WOLVERINE | HOLE NO. 124

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
1				0.00-14.33 CASING							
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14				14.33-27.44 EXMT Banded (Magnetite) Iron Formation							
15				→ weak-moderate weathering/oxid.							
16				→ locally to locally rubbly; broken surfaces oxide/hydroxide coated							
17				→ weak-moderate foliation; planar sharp contacts							
18			70°	→ granular, sugary texture; locally intercalated RHTT rfg + siliceous							
19				→ weak-strong magnetic							
20				→ overall rfg-fg (<0.5-1mm)							
21				→ weakly fractured ± oxidation stn							
22				→ altn: ser wk pervasive chl wk pervasive cc wk-mod patchy/perv.							
23											

PAGE 3 OF	PROJECT: WOLVERINE	HOLE NO. 124

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				
pyrite disseminated 1-3% → 1-2 mm subhedral magnetite 5-60%, grain-bound; recrystallized porphyroblastic, < 1mm to 4mm, vfg - cg; there is an overall increase in magnetite downhole										

PAGE 4 OF | PROJECT: | HOLE NO. 124

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				22.00 – 23.06 RHFF BCT = broken							
24				LCT = broken							
				23.65 – 24.78 RHFF UCT = broken							
25				LCT = 68°							
			70°	25.36 – 26.93 RHFF BCT = 72°							
26				LCT = 70°							
				(appears grad.)							
27				→ LCT: BROKEN to RUBBLY							
				27.44 – 39.33 RHAT Rhyolite Tuff (Lapilli) with							
28				intercalated graphitic							
				mudstone							
29				→ light to locally, redish green							
				→ vfg to fg (<1mm); homogeneous							
30				well sorted, texturally immature							
				→ foliated afc laminae (?)							
31				→ graphitic mst minor component							
				→ possible aligned flattened lapilli							
32				→ extremely broken to rubbly							
				with rounded pieces (reground							
33				from repeated drilling							
				→ altn: ser foliation wk-mod							
34				sil pervasive mod-str							
				cc (dol?) disp/fract wk							
35				→ structure: appears to be							
				fabric along S_1,							
36				could be crenulation							
				S_2 or jointing (AC)							
37											
				* POSSIBLE FAULT *							
38											
				LCT: Broken to rubbly							
39				39.33 – 42.38 STFL Fault Zone							
				→ rock units RHAT grading							
40				downhole to ARGF							
				→ 40.24 – 42.38 fragments of							
41				qtz vein							
				LCT: Broken to rubbly with							
42				gouge; tight packed							
				42.38 – 52.31 ARGF Graphitic Mudstone							
43				with minor intercalated							
				RHAT/ARTF							
44				→ black to dark grey; vfg,							
				well sorted, texturally immature							
45				planar foliation, sharp contact							
				→ Brittle, friable; wk oxidation							
46											

PAGE 5 OF	PROJECT:	HOLE NO. 124

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						
pyrite disseminated to foliation parallel fr - 3%, vfg - fg ≤ 1mm, locally 3-5% along foliation plane and broken surfaces										
pyrite foliation parallel (~5% vfg - cg (≤ 0.5 - 5mm); sub bidioblastic										

PAGE 6 OF | PROJECT: | HOLE NO. 124

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				→ foliation plane chlorite to graphitic ± pyrite							
47				→ altn: chl foliation wh cc patchy/pol. wh ser (local/pol) wh-tr sil (local/pol) wh-tr							
48				NB- sericite + silicification restricted to RHAT / ARTF layers							
49			73°	44.63 - 44.98 RHAT / RHLT							
50				46.70 - 47.20 RHAT							
51				49.73 - 50.91 RHAT							
52				LCT: Broken to rubbly							
53				52.31-59.08 EXSI Banded (Silica) (RHIT) Iron Formation" with intercalated EXCP							
54				→ pale to medium grey							
55				→ foliated, banded, vfg ≤0.5mm							
56				→ siliceous; locally very calcareous; wk magnetic							
57				→ disseminated to stratiform magnetite; subidioblastic							
58				→ planar contacts							
59			77° 129°	→ fracture controlled weathering oxidation staining (weak)							
60				→ altn: sericite foliation wh sil penvasive str chl foliation tr cc foliation tr							
61				→ locally Broken to rubbly							
62				→ cc also occurs as isolated layers; possible calcareous sediment or limestone intercalated							
63				59.08-65.55 EXMT - Banded (Magnetite) Iron Formation							
64			70°	→ effectively same description as above; strong magnetic							
65				→ LCT: Broken to rubbly							
66				65.55-70.90 RHAT Rhyolite Tuff (Lapilli) with intercalated graphitic mudstone							
67				→ Broken to rubbly							
68				→ light grey to bleach; graphitic → foliated, planar contacts							
69				vfg - fg; well sorted; texturally immature							

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
pyrite disseminated tr-3% <0.5 to 1mm; idioblastic						
magnetite tr to 3%; ≤0.5 to 3mm; idioblastic vfg to med.g						
pyrite disseminated tr-3% <0.5 to 1mm) idioblastic magnetite disseminated to stratiform; 5% to 70% ≤0.5mm to 3mm; idioblastic						
pyrite tr-3%; disseminated to fracture; 0.5 to 1mm anhedral to idioblastic						

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
					→ fissile, friable along graphitic sections							
70					→ altn: chl wk-mod foliation cc fract/fol wk-mod dol porphyroblastic wk 1-2 mm; rhombs							
71					→ wk oxidation stain weathering							
72			60°									
73				70.10-73.72	EXMT Banded (Magnetite) Iron Formation							
74					→ pale grey to black, weakly to mod broken to rubbly; mod-str magnetic; planar contacts							
75					→ foliated; granular texture							
76					→ altn: chl wk-mod foliation ser wk foliation cc * tr fracture							
77					*→ locally layer of cc							
78					→ minor oxidation staining							
79			70°		→ LCT: Broken to rubbly							
				73.72-78.66	RHAT Graphitic Tuff (lapilli) mth intercalated graphitic mst (see previous)							
80												
81					LCT: Broken to rubbly							
82												
				78.66-89.63	EXCP Carbonate Exhalative Formation							
83					→ pale to medium grey, granular texture, fg-mg (1-3mm); often with coarser crystalline pyrite (up to 5mm)							
84					→ very strong reaction to HCl							
85					→ minor intercalated wk silica/Grunerite rich layers							
86					→ altn: chl mod foliation ser wk foliation							
87					→ minor graphitic intercalated layers							
88												
89			80°		LCT: Broken (blocky)							
				89.63-93.76	ARGF Graphitic Mudstone							
90					→ black, fissile friable, highly broken to rubbly; locally packed gouge (possible fault)							
91					→ foliated, planar							
92												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				
70.44 pyrite disseminated 1-3%, porphyr fg-cg (1-5mm) magnetite disseminated to stratiform 5-70%; vfg-mg (0.5-3mm)										
78.66 pyrite foliation to fracture controlled, tr-25%, vfg-mg 0.5-4mm; sub-idiomorphic spk foliation tr-1% locally 3%;										
pyrite trace-8% (locally 5-8%) vfg-fg (0.5-1mm); platy on fracture surfaces										

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
93				→ altn: chl mod-wk pervasive cc pervasive / fracture moderate							
94				93.60 - 93.76 GOUGE							
				LCT: FAULT							
95				93.76 96.00 RHTT Rhyolite Tuff							
96				→ pale to medium green							
				→ strongly foliated; friable, fissile, siliceous; rubbly							
97				→ altn: chl wk-mod pervasive ser mod pervasive cc tr-wk fracture							
98				95.74 - 96.00 GOUGE							
99				→ LCT: FAULT							
				96.00 - 104.00 RHAT Rhyolite Tuff with intercalated graphitic Mudstone							
100				→ pale to medium green with black							
101				→ siliceous, vf-fg, well-sorted texturally, immature, platy with planar foliation, friable,							
102				→ locally appears to be Lapilli (<5%)							
103				→ graphitic mudstone content ↓ downhole							
104				→ altn: ser wk pervasive / foliation chl wk pervasive / foliation							
105				LCT: Broken to rubbly,							
				104.00 - 112.19 ARGF/STFL Graphitic Mudstone * FAULT ZONE							
106				→ tight packed gouge to highly rubbly; no intact sections of core							
107				→ very poor TCR with a 0% RQD							
108											
109											
110											
111											
112				LCT: Broken to rubbly core							
113				112.19 - 118.19 RHAT Rhyolite Tuff with intercalated graphitic Mudstone							
114				* FAULT ZONE							
				→ abundant to tight packed gouge							
115				→ highly broken to rubbly							

PAGE 11 OF	PROJECT: WOLVERINE	HOLE NO. 124

	MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				
93.76	pyrite 1-3% foliation parallel										
96.00	pyrite 1-5% foliation to fracture vfg-fg (0.5-2mm)										
	pyrite tr-1% disseminated to foliation controlled, fg to mg (0.5-3mm) also blebby & along quartz veins										

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
				→ vfg - fg, well sorted, texturally immature							
116				→ altn: str mod-str pervasive chl mod pervasive ± wk - tr patchy							
117				→ qtz segregations, sheared/boudins							
118				LCT: Broken: orientation @							
				118.09 - 123.34 SSMS Massive Sulphides							
119				(5.25m) → intervals of >90% sulphide							
				→ intervals of Quartz Veins							
120				→ intervals of RHLT							
				118.09 - 118.33 RHAT							
121				→ moderate strong chl							
				→ qtz "balls" segregations							
122				→ wk-mod foliation @ 30° to CA							
				→ pyrite in vuggy (?) late, eg 3-8mm with amphibole (3-5%, 2-5mm)							
123			70°								
				118.33 - 118.52 QTVN							
124				→ white qtz with sharp margins; locally vuggy							
				UCT = 60° LCT = 40° → cpy, py, py interstitial to qtz							
				118.52 - 118.66 RHAT							
				→ moderate to strong chl							
				UCT = 40° LCT = 40° → qtz "balls" segregations → wk-mod foliation @ 45 to CA → pyrite vuggy							
				118.66 - 118.81 QTVN							
				→ white qtz with sharp margins							
				* → appears like percement structure with SMSS push into QTVN							
				UCT = 40° LCT = 45° → cpy, py, pe, sph also interstitial to quartz → clots of SMSS sph, pe, py							
				118.81 - 119.33 SMSS							
				→ foliation parallel to subparallel to CA; folded or part of percement structure							
				UCT = 45° LCT = 55° → str chl altn, possible agglomerate - sized fragment → talc like altn with chl							
				→ vfg - mg 0.5 - 3mm							
				→ foliations flattens ↓ hole							

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
118.09-118.33 sph 5-8% py 8-20% cpy tr-1% po tr ga –						
118.33-118.52 sph tr py 5-8% cpy 2-5% po 1-2% ga –						
118.52-118.66 sph 8-10% py 12-15% cpy tr-2% po tr ga tr-1%						
118.66-118.81 sph 8-10% py 10-12% cpy 3-5% po 15-20% ga –						
118.81-119.33 sph 35-40+% py 20-25% cpy 5-8% po 30-35% ga tr-2%						
* cpy interstitial to amphibole growth						

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				119.33 - 120.10 RHLT → moderate - strong chl alteratn → moderate foliation; can break core → fragments aligned to foliation → moderate sericite alteration						
				120.10 - 120.44 SMSS → po rich upper contact → sphrich upper contact UCT = 40° → large qtz-cc dot/vein @ upper contact LCT = 75° → pyrite-rich and sph-rich banded SMSS						
				120.44 - 121.04 PMSM / QTVN → qtz flooded; semi massive sulphide UCT = 75° → foliated, chl layers aligned to foliation LCT = broken → locally broken						
				121.04 - 121.84 SMSS → pyrite and sphalerite rich → qtz-cc clots ↑ downhole UCT = broken → rip up chl schist fragments aligned to foliation ↑ downhole LCT = 40° → vfg - fg (< 0.5 - 1mm)						
				121.84 - 122.71 RHAT → strongly chl altn → intercalated graphitic MST UCT = 40° → intervals of SMSS; pyrite rich LCT = Broken → highly broken to rubbly → locally gouge in graphitic mudstone intervals						
				122.71 - 122.91 SMSS → sphalerite rich UCT = broken → "buck-shot" pyrite LCT = 50° → banded → strong LCT						
				122.91 - 123.05 SMSS → pyrite - sph - qtz - rich UCT = 50° banded upper contact LCT = 70° → dominantly pyrite						
				123.05 - 123.34 RHCH → well foliated; str chl lapilli: aligned, flattened						

SCALE CONTINUED ON FOLLOWING PAGES

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
119.33-120.10 sph tr-1% py 2-3% cpy tr-1% po 3-5% ga –						
120.10-120.44 sph 35-40 py 60-65 cpy tr po – ga tr						
120.44-121.04 sph 2-3% py 35-40% cpy tr po – ga tr						
121.09-121.84 sph 20-25% py 60-70% cpy po ga						
121.84-122.71 sph tr py 8-15% * cpy 2-5% po tr ga – * wisps 70-90% over short intervals						
122.71-121.91 sph 60-65% py 30-35% cpy – po – ga –						
121.91-123.05 sph 20-25% py 60-65% cpy tr po – ga –						
123.05-123.34 sph 8-10% cpy 1-3% py 5-8%						

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
124				123.34-133.35 RHCL/RHCT Rhyolite Tuff to Lapilli Tuff							
125				→ medium to dark green; ofg - fg matrix (< 0.5mm); felsic clasts 5 - 25%, aligned to foliation							
126				→ planar, moderate to strong foliation							
127				→ strongly Broken to rubbly, friable, friable							
128				→ altn: chl strong pervasive ser wk-mod pervasive (increasing downhole)							
129				* talc-like feeling							
130											
131											
132											
133				133.35-146.91 RHSR Rhyolite Tuff to Lapilli Tuff							
134				→ pale greyish green to grey							
135				→ vfg-fg (< 0.5-1mm); felsic clasts (5-25%); aligned to foliation							
136				→ planar fabric; strong foliation							
137				→ at least 2 foliations S1 S2 (crenulation/kink)							
138				→ folding exhibited in core							
139			70°	→ friable, friable; abundant gouge							
140				→ highly broken to rubbly							
141				→ altn: ser str pervasive chl mod-str ↳ decreasing downhole							
142				* talc-like feeling							
143				→ structure:							
144			250	→ locally abundant gouge (tight packed) suggesting faulting							
145											
146.96 EOH											

PAGE 17 OF	PROJECT: WOLVERINE	HOLE NO. 124

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				
pyrite disseminated/foliation (locally stringer) 2-10%; fg (0.5-2mm) subidioblastic										
chalcopyrite disseminated to blebby tr-10% (local)										

PAGE	OF	PROJECT:	HOLE NO.

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ

DRILL LOG

PROJECT: Wolverine (1614)	GROUND ELEV.: 1345m
HOLE NO.: WV04-125	BEARING: 360° Grid North
LOCATION: Grid 16700E 16840N; UTM 440032 E 6810448 N	DIP: -65°
	TOTAL LENGTH: 265.2 m
LOGGED BY: G. Dessureau	HORIZONTAL PROJECT
DATE: August 2, 2004	VERTICAL PROJECT
CONTRACTOR: E. Caron Diamond Drilling.	ALTERATION SCALE: 0 1 2 3 — absent; slight; moderate; intense
CORE SIZE: HQ	
DATE STARTED: August 2, 2004	TOTAL SULPHIDE SCALE: 0 1 2 3 4 — traces only; < 1%; 1% – 3%; 3% – 10%; > 10%
DATE COMPLETED:	
DIP TESTS: Az / Dip — 30.5 m: 029° / -65.0; 43.3 m: 002° / -66.9	

COMMENTS

Two Sulfide Zones:

1) upper zone 0.4 m (240.0-240.4m) pyrite rich top grading down to sphalerite-galena rich bottom

2) lower zone 3.0 m (242.5-245.5) pyrite rich top grading down hole to sphalerite, galena rich Base

LEGEND

Wolverine

PAGE 1 OF 24 | PROJECT: Wolverine | HOLE NO. WVC4-125

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ
4				0 - 10.7m Ovn Burden							
5				(AGI -							
6											
7											
8											
9											
10											
11				10.7 - 32.9m RHFR - Light grey to greenish grey Fragmental Rhyolite							
12				Fragments range in							
13			40°	Size from ~1cm to							
14				up to 5cm (rare) Elongated							
15				fragments with ~10-							
16				20% matrix							
17				distinct irregular							
18				fragments							
19											
20				[GRD04-042 @ 11.6m]							
21											
22			41								
23											
24											
25											
26											

PAGE 2 OF 24	PROJECT: Wolverine	HOLE NO. WV09-175

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 3 OF 24 | PROJECT: Wolverine | HOLE NO. WV04-175

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
27											
28											
29											
30											
31											
32											
33			KAW	32.9-43.5m RHAR - med grey - greenish grey interbedded High Silica units with thin 1-2mm dk mafic-rich High Silica Bands are 1-2 cm							
34											
35											
36											
37				37.2 - Magnetite in matrix ~1% Barely Magnetic							
38				[GRD04-043 @ 32.9m]							
39			40°								
40											
41											
42											
43											
44			40°	43.5-57.0 RHFR - med grey - greenish grey Fragmental Rhyolite 1-5 cm (long axis) high silica fragments with 1-5mm muddy inter clasts trace pyrite							
45											
46											
47											
48				[GRD04-044 @ 45.7m]							
49											

PAGE 4 OF 24 | PROJECT: Wolverine | HOLE NO. W04-125

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 5 OF 24 | PROJECT: Wolverine | HOLE NO. WH04-125

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
50											
51											
52	40%			52.4- Broken Core							
53											
54											
55											
56			40°								
57				57.0-60.1 RHLT- Med green - dk green Rhyolitic Lapilli Tuff 50% ash							
58				[GRD04-045 @ 57.0m]							
59				57.9-60.1 - Quartz vein							
60			35°								
61				60.6-69.1 - RHAK - lt grey - greenish grey interbedded Hyaloclastite beds possibly lg (2-5cm) fragments, with mud interbeds							
62											
63											
64											
65	70%										
66											
67											
68											
69			45°								
70	50%			69.1-75.9 RHTT-RHLT - lt-med green - greenish grey Rhyolite ash Tuff - Lapilli Tuff Very poor recovery							
71	40%			[GRD04-046 @ 69.1m]							
72											

PAGE 6 OF 24 | PROJECT: Wolverine | HOLE NO. WD04-175

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
73	0%			RHTT - RHLT continued.							
74	20%										
75	50%										
76				75.9-77.4 STFL - Sand							
77	0%										
78	50%			77.4-83.8 RHTT - RHLT - SHR very poor recovery could be large fault Gouge.							
79											
80											
81	50%										
82											
83				83.8-90.0 STFL - Lost Core Minor Sand							
84											
85	1%										
86											
87											
88											
89											
90	50%			90.0-98.0 STFL - LC. + Sand - brown Sand grading into black sand							
91											
92											
93	1%										
94											
95											

PAGE 8 OF 24 | PROJECT: Wolverine | HOLE NO. WO4125

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
96				lost core continued							
97	0%										
98				98.0-102.7 - ARGR - Dk grey - black finely laminated Graphitic Mudstone minor Qtz associated w Pyrite Nodules							
99											
100											
101	10%			Very Poor recovery Bad drilling! [GRD04-047 @ 98.2m]							
102											
103				102.7-109.3 EXMT - lt grey - dk grey + greenish grey high Silica Banded Iron fm minor Pyrite ~30-40% Magnetite locally Kspar (Atem) 90% + magnetite. [GRD04-048 @ 107.0m]							
104	18%										
105											
106											
107											
108											
109			40°	109.3-110.4 - ARGR - Fault Gouge. Poor recovery							
110				110.4-114.9 RHFS - Fault Gouge - Poor recovery High Silica - sugary cube size Kspar Banded and very Extensively altered the IMT							
111											
112	5%										
113											
114											
115	5%										
116			55°	114.9-119.5 - EXMT - lt grey - greenish grey High Silica - Banded Fe FM 10-20% Magnetite minor Pyrite [GRD04-049 @ 118.1m]							
117											
118	20%										

PAGE 10 OF 24 | PROJECT: Wolverine | HOLE NO. WV04-125

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 11 OF 24 | PROJECT: Wolverine | HOLE NO. WD04-125

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
119				119.5 121.0 lost Core							
120	6%			119.5-127.1 - SIFG - Fault Gouge w/ Exotic, Felsic, AAGR.							
121											
122	10%										
123	0%			122.0-125.0 lost Core							
124											
125											
126											
127				127.1-134.0 - ARMS - Dk grey to Black Finely laminated Mudstone with Minor qtz + pyrite Bands							
128	2%										
129											
130				[GRD04-050 @ 127.7m]							
131											
132	50%										
133											
134				134.0-136.9 - ARGR - Black finely laminated Graphitic Mudstone Minor qtz + Pyrite Bands [GRD04-051 @ 134.3m]							
135											
136											
137			40°	136.9-137.8 ARMS - dk grey finely laminated mudstone Minor qtz + Pyrite Bands generally 1mm wide [GRD04-052 @ 136.9]							
138	95%		40°								
139											
140				137.8-150.9 ARSI - lt grey - med grey interbedded qtz rich mudstone and Argillite mudstone [GRD04-053 @ 137.8-1							
141											

PROJECT: Wolverine

HOLE NO. WW04-125

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 13 OF 24 | PROJECT: Wolverine | HOLE NO. WN04125

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
142											
143	70%										
144											
145	10%										
146			40°	trace Pyrite Platting on Bedding Surfaces							
147											
148	70%										
149											
150			40°								
151	20%		40°	150.9-162.8 RHFS- lt grey to white high Si Beds with very thin 1-2mm Sericite chlorite mud laminae							
152	80%										
153				[GR]04-054 @ 150.9m]							
154	10%										
155	60%										
156											
157											
158											
159											
160	60%										
161											
162				162.8-167.4 [RSI + RHFS - very low background - poor recovery							
163											
164											

PAGE 14 OF 24 | PROJECT: Wolverine | HOLE NO. WO4-125

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 15 OF 24 | PROJECT: Wolverine | HOLE NO. WV04-125

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
165											
166	50%										
167											
168				167.9-169.5 EXCP - Calcite + Py. in vuggy texture, bad ground. Poor recovery.							
169	60%										
170	Sand			169.5-169.8 169.5-169.6 - Sand							
171	100%			169.8-171.1 EXCP - lt grey banded calcite + 5% Pyrite - cut by Qtz vein							
172				171.1-178.7 ARSI - lt grey-med grey finely laminated mudstone and silica rich mudstone							
173	40%										
174											
175											
176	0%										
177											
178				178.7-183.5 EXCP - lt grey to med grey Banded calcite + qtz + muscovite (up to 5% modal) silt - much less muscovite calcite - may be alteration							
179	8%		40°								
180											
181				[GRID04-056 @ 178.8m]							
182	10%										
183											
184				183.5-189.6 ARSI - ARCR - dk grey to black mudstone with lt grey silica rich mudstone - graphitic throughout Back Fault @ 184.3m							
185	100%										
186											
187											

PAGE 16 OF 24 | PROJECT: Wolverine | HOLE NO. W04-125

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				
167.4–169.5 – 1–5% euhedral Pyrite crystals associated in vuggy calcite.										
169.8 – 171.1 – 1–2% stringer Pyrite locally up to 5% in white										
178.7 – 183.5m – 5–10% stringer Pyrite with minor sphalerite locally up to 2–3% ZnS Abundant euhedral Magnetite xls ~ 1%										

PAGE 17 OF 24 | PROJECT: Wolverine | HOLE NO. WN04-125

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	m	FRACTURE INTENSITY	% VEIN QTZ.
188	50%										
189											
190			40°	189.6-197.0 ARSI - Med grey-light grey - very fine, laminated, (most veins are 1-2 cm) Moderate with Silica rich Mud layers							
191											
192				[GRD04-057 @ 189.9m]							
193	70%										
194											
195											
196				very gradational contact							
197				197.0-210.1 EXSI - White to Med grey high Silica (>95%) unit, Weakly Banded with thin <1mm laminae of Sericite/chlorite - up to 1% Pyrite locally in veins							
198	5%										
199											
200	5%										
201				[GRD04-058 @ 199.1m]							
202	60%										
203											
204											
205											
206											
207				205-208.6 - QV minor chlorite							
208	70%		40°	↳ Weak foliation							
209											
210											

PAGE 18 OF 24	PROJECT: Wolverine	HOLE NO. WV04-125

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 19 OF 24 | PROJECT: Wolverine | HOLE NO. WH04-125

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
211	80%		40°	210.1-218.6 ARSI - lt grey - med grey Interbedded Mudstone and Qtz-rich Mudstone							
212											
213	50%			[GRDO4-059 @ 210.5m]							
214			//	214.3-214.4 QV with minor chlorite							
215											
216	50%										
217											
218			40°	218.6-230.6 ARSI - Dk grey to black finely laminated mudstone thin <1mm qtz ± pyrite laminae Broken ground may be faulted							
219											
220											
221											
222	50%										
223											
224											
225											
226											
227											
228											
229											
230											
231	50%		40°	230.6-231.8 STGC - Dk grey to black graphitic mudstone fault gouge							
232				231.3-233.8 ARIMC - Dk grey to Med Grey Mudstone with minor pyrite veins bands ~2-5mm thick [GRDO4-060 @ 231.8m]							
233											

PAGE 20 OF 24 | PROJECT: Wolverine | HOLE NO. WV04-125

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				
1% sulfide. 100% Py		222.8	224.7	1.9	242251					
		224.7	226.2	1.5	242252					
		226.2	227.7	1.5	242253					
		227.7	229.3	1.6	242254					
		229.3	230.6	1.3	242255					
1-5% Sulfide 100% Py nodules associated w/ qtz		230.6	231.8	1.2	242256					
		231.8	232.8	1.0	242257					
		232.8	233.8	1.0	242258					
		233.8	237.0	3.2	242259					
		237.0	238.0	1.0	242260					

PAGE 21 OF 24 | PROJECT: Wolverine | HOLE NO. WW04129

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
234	80%			233.5-237.0 - STGG - dk grey Black Graphitic mudstone Local Gouge							
235	50%										
236											
237				237.0-240.0 ARMS - Dk grey - Black Massive Mudstone - Minor Qtz + Pyrite Beds 1mm - 1cm [GRD04-061 @ 237.1m]							
238											
239	75%										
240			45°	240.0-240.4 (0.4m) - SSMS - Pyrite rich - grading down hole to sphalerite + Galena rich laminated Massive Sulf.							
241	50%			240.4-241.0 - ARMS - Dk grey to Black Mudstone with 30% Sulfide at Base							
242				241.0-242.5 - ARMS - Dk grey to Black Mudstone with Minor Qtz + Pyrite Beds							
243				242.5-245.5 (3.0m) SSMS - Pyrite rich grading down-hole to sphalerite + galena rich laminated Massive Sulfides							
244	100%										
245											
246				245.5-246.7 SPSM - Sphalerite + chalcopyrite + pyrite + Pyrrhotite rich sulfide stringer zone							
247			45°	246.7-247.0 QV - Chalcopyrite + pyrrhotite + Qtz + chlorite + Sericite Vein.							
248				247.0-265.2 RHCL - chlorite altered crystal Lithic Rapid Tuff abundant chalcopyrite at top + pyrrhotite. abundant QV at top							
249											
250											
251				[GRD04-062 @ 248.1]							
252			45°	[GRD04-063 @ 251.3m] [GRD04-064 @ 259.5m]							
253											
254											
255											
256											

PAGE 22 OF 24 | PROJECT: Wolverine | HOLE NO. W104-125

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
1-5% Sulfide 100% Py		238.0	239.0	1.0	242261	
1-5% Sulfide 100% Py		239.0	240.0	1.0	242262	
80% Sulfide 70% Py, 20% Sp, 0% Cpy 10% Gn, 0% Po		240.0	240.4	0.4	242263	
10% Sulfide - 50 Py, 38% Sp, 2% Cpy 10%		240.4	241.0	0.6	242264	
1% Sulfide - 100% Py		241.0	242.5	1.5	242265	
STANDARD #1		0.0	0.0		242266	
95% Sulfide - 90% Py, 8% Sp, 1% Cpy 1% Gn, 0% Po		242.5	242.8	0.3	242267	
95% Sulfide - 90% Py, 8% Sp, 1% Cpy 1% Gn, 0% Po		242.8	243.8	1.0	242268	
95% Sulfide - 90% Py, 8% Sp, 1% Cpy 1% Gn, 0% Po		243.8	244.8	1.0	242269	
70% Sulfide - 30% Py, 5% Sp, 40% Cpy 1% Gn, 24% Po.		244.8	245.2	0.4	242270	
95% Sulfide - 50% Py, 35% Sp, 2% Cpy 8% Gn, 5% Po		245.2	245.5	0.3	242271	
Duplicate 242271		245.2	245.5	0.3	242272	
50% Sulfide - 60% Py, 4% Sp, 30% Cpy, 1% Gn, 5% Po		245.5	246.2	0.7	242273	
50% Sulfide - 14% Py, 70% Sp 10% Cpy, 1% Gn, 5% Po		246.2	246.7	0.5	242274	
Duplicate 242274		246.2	246.7	0.5	242275	
10% Sulfide - 3% Py, 1% Sp, 15% Cpy 1% Gn, 80% Po		246.7	247.0	0.3	242276	
STANDARD #2		0.0	0.0		242277	
5% Sulfide - 3% Py, 1% Sp, 5% Cpy 1% Gn, 90% Po		247.0	248.0	1.0	242278	
+ Sulfide		248.0	249.0	1.0	242279	
+ Sulfide		249.0	250.0	1.0	242280	
5% Sulfide - 2% Py 1% Sp 95% Cpy 1% Gn, 1% Po		250.0	251.0	1.0	242281	
		251.0	252.0	1.0	242282	

PAGE 23 OF 24 | PROJECT: | HOLE NO. WU04-125

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
257											
258											
259	100%										
260											
261											
262											
263											
264			35°								
265				265.2 EOH							
266											
267											
268											
269											
270											
271											
272											
273											
274											
275											
276											
277											
278											
279											

PAGE 24 OF 24 | PROJECT: Wolverine | HOLE NO. WU04-125

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
Tr Sulfide		252.0	253.0	1.0	242283	
1% Sulfide 0% Py, 0% Sp, 80% Cp, 0% Gn, 20% Po		253.0	254.0	1.0	242284	
Tr Sulfide		254.0	255.0	1.0	242285	
		255.0	256.0	1.0	242286	
		256.0	257.0	1.0	242287	
		257.0	258.0	1.0	242288	
		258.0	259.0	1.0	242289	
		259.0	260.0	1.0	242290	
		260.0	261.0	1.0	242291	
		261.0	262.0	1.0	242292	
		262.0	263.0	1.0	242293	
		263.0	264.0	1.0	242294	
		264.0	265.2	1.0	242295	
EOS						

PAGE OF | PROJECT: | HOLE NO.

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

DRILL LOG

PROJECT Wolverine 1614	**GROUND ELEV.** 1395m
HOLE NO. WU04-126	**BEARING** 360° (Grid North)
LOCATION 16825E 16600N UTM NAD27, Zone 9 439923E 6810975N	**DIP** -75°
	TOTAL LENGTH 183.2 m
LOGGED BY G. Dessureau	**HORIZONTAL PROJECT**
DATE Aug 16, 2004	**VERTICAL PROJECT**
CONTRACTOR E. Caron Diamond Drilling	**ALTERATION SCALE** absent slight moderate intense
CORE SIZE HQ	
DATE STARTED Aug 16, 2004	**TOTAL SULPHIDE SCALE** traces only < 1% 1% – 3% 3% – 10% > 10%
DATE COMPLETED Sept 2, 2004	
DIP TESTS Az Dip 45.7m 8.1° -74.9° 91.4m 3.9° -76.7° 144.2m 4.1° -80.40° 182.3m 82 -82.6	
COMMENTS 2 small zones of semi massive sulfides were intersected @ 151.7m-152.7m, and 154.9m-155.6m. The two zones are cut by a foliate Dyke and qtz+chalcopyrite vein.	**LEGEND** Wolverine.

PAGE 1 OF | PROJECT: Wolverine | HOLE NO. WV04-126

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
4				0 - 27.7m OVBN - Over burden - sandy gravel material with occasional Boulders.							
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											

PAGE 2 OF | PROJECT: Wolverine | HOLE NO. WU04-126

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 3 OF | PROJECT: Wolverine | HOLE NO. WR04426

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
27					27.5-27.7 - Sandy material							
28	80%		40°	27.7-38.4	EXMT- heavily weathered, med-dk grey and red to lt grey Banded iron FM Mt xls generally 1-2 mm rarely up to 6 mm. Felsic Bands 1-5% mt with Mt rich Bands up to 95% Mt.							
29												
30												
31			40°									
32	80%				[GRD04-065 @ 31.1m]							
33												
34												
35	0%											
36	20%											
37												
38	60%			38.4-55.2	RHFS - lt grey to greenish grey - Interbedded High Silica beds (up to 2cm) and Sericite rich beds up to 2mm.							
39												
40					[GRD04-066 - @ 43.9m]							
41	70%											
42												
43												
44												
45												
46					46.0 - 49.1 - Sand Poor recovery.							
47												
48	0%											
49												

PAGE 4 OF | PROJECT: Wolverine | HOLE NO. V84-126

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 5 OF | PROJECT: Wolverine | HOLE NO. WH04-126

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
50											
51											
52	60%										
53											
54											
55				55.2 - 57.6 Lost Core							
56	0%										
57											
58				57.6 - 60.1 STGG - Dark grey to black argillaceous -muddy fault Gouge							
59	10%										
60				60.1 - 75.9m - ARSI - Lt grey and dk grey interbedded argillaceous mudstone w/ qtz rich mudstone generally finely laminated (1-5mm) with occasional 1-2 cm qtz rich Bed. [GRD04-067 @ 64.1m]							
61											
62	10%										
63											
64				62.8-62.9 - QV - minor pyrite plating along contacts							
65											
66	80%			65.8-65.9 - QV - minor pyrite plating along contacts							
67											
68	75%										
69											
70	75%										
71											
72	70%										

PAGE 6 OF	PROJECT: Wolverine	HOLE NO. WW4-126

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 7 OF | PROJECT: Wolverine | HOLE NO. WV04-126

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
73											
74	50%										
75											
76				75.9-88.4 RHFS- lt grey to greenish grey - Interbedded high silica Bedds (1-5cm) with sericite rich Beds 1-5 mm							
77				[GRD04-068 @ 77.1m]							
78	60%										
79											
80				80.4-80.6- QV. minor chlorite + no visible mineralization							
81											
82											
83	70%										
84											
85											
86											
87											
88			40°	88.4-99.6 - EXMT - RHFS - lt grey to Med grey and greenish grey Banded Iron Fm with ~1m Interbedded RHFS MT Bands generally less than 1cm with less than 50% MT RHFS Bands have no MT but have Sericite Laminae ~1% Pyrite with minor Pyrite along fractures (plating)							
89											
90	80%										
91											
92											
93											
94											
95				[GRD04-069 @ 88.7m]							

PAGE 8 OF	PROJECT: Wolverine	HOLE NO. W04-126

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 9 OF | PROJECT: Wolverine | HOLE NO. WV04-126

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
96				95.1 - 98.2 - lost core							
97	0%										
98											
99	20%			99.6-101.8 - ARSI - lt - med grey finely laminated siliceous argillite (Mudstone)							
100			45°								
101	20%			[GRD04-070 @ 99.7m]							
102			45°	101.8-103.5 EXCP - lt grey - med grey and white Irregular Banded Calcite + Pyrite + qtz exhalite. [GRD04-071 @ 102.0m]							
103	100%										
104	75%		30°	103.5-108.4 ARSI - Med grey finely laminated, Pyrite rich, siliceous mudstone - 1mm pyrite rich beds.							
105											
106				[GRD04-072 @ 104.0m]							
107	50%										
108				→ [GRD04-073 @ 108.5m]							
109	70%		40°	108.4-109.2 EXCP - lt grey to greenish grey irregular banded qtz Carbonate exhalite							
110			40°	109.2-113.3 ARSI - lt grey - med grey finely laminated Siliceous Mudstone minor pyrite rich beds up to 1cm							
111				[GRD04-074 @ 109.3m]							
112											
113				113.3-122.3 RHFS - lt grey high silica unit minor sericite along minor planes							
114	50%			- very broken ground - low recovery							
115				[GRD04-075 @ 115.6m]							
116											
117											
118											

PAGE 10 OF | PROJECT: Wolverine | HOLE NO. W04-126

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 11 OF | PROJECT: Wolverine | HOLE NO. W04-126

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
119											
120											
121											
122	50%			122.3-129.9 - ARSI - Med grey - fine - med beds of siliceous mudstone - very broken ground - poor recovery							
123											
124											
125				[GRD04-076 @ 123.0m]							
126											
127											
128											
129	0%			127.1-129.9. Lost core							
130											
131	50%			129.9-143.6 - ARGR - dk grey - black - graphitic mudstone - very broken ground - cm or smaller pieces - down to sand							
132	5%										
133				[GRD04-077 @ 131.4m]							
134	50%										
135				135.1-136.1 - Sand							
136	5%										
137											
138											
139	50%										
140											
141											

PAGE 12 OF | PROJECT: Wolverine | HOLE NO. W04-126

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		129.9	131.4	1.5	242296	
		131.4	133.8	2.4	242297	
		133.8	136.3	2.5	242298	
		136.3	139.0	2.7	242299	
		139.0	140.6	1.6	242300	
		140.6	142.6	2.0	242401	
		142.6	143.6	1.0	242402	
		143.6	144.7	1.1	242403	
		144.7	145.7	1.0	242404	
		145.7	146.7	1.0	242405	
		146.7	147.7	1.0	242406	
		147.7	148.7	1.0	242407	
1% Sulfide - 100% Py		148.7	149.9	1.2	242408	

PAGE 13 OF | PROJECT: Wolverine | HOLE NO. WN04-176

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
142	90%											
143												
144			40°	1436-1487	RHTT- lt green - med Green - Chlorite altered - crystal (Qtz) ash - lapilli tuff 1-5mm qtz crystals w 5-10mm qtz-rich fragments							
145												
146	90%											
147					[GRD04-078 @ 143.6m]							
148												
149				148.7-149.9	- ARSI - Pyrite rich - Siliceous mudstone - 1-3mm euhedral Pyrite stg [GRD04-079 @ 148.9m]							
150				149.9-151.7	- ARGR - dk grey - black graphitic mudstone [GRD04-080 @ 151.2]							
151												
152				151.7-152.5	- PYSM - very fine grained laminated semi massive pyrite interbedded argillite.							
153				152.5-154.3	- ? - sphalerite rich semi massive sulfide grading to pyrite rich disseminated to sph+py disseminated in Siliceous/carbonate Matrix [GRD04-081 @ 152.7m]							
154				154.3-154.9	- QV - Quartz + Albite? + Chalcopyrite + Arsenopyrite ? + Pyrrhotite							
155				154.9-155.6	- SPSM - stringer sphalerite + cpy + pyrite + Po - Brecciated, very disrupted							
156												
157				155.6-158.8	- RHCL - lt green - med green chlorite altered Rhyolite, ash-Lapilli crystal lithic Tuff							
158												
159				158.8 158.8	- STFG - [GRD04-082 @ 158.8m]							
160					159.7-159.8 - QV + fault Gouge 159.9-160.0 - QV + chlorite							
161				158.8-164.1	RHCL - lt green - med green chlorite altered Rhyolite ash-lapilli Tuff.							
162					162.7 - Chalcopyrite stringers. ~15cm of 40% Cpy							
163												
164					164.0-164.1 - QV							

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				
1% Sulfide - P_y (100%)		149.9	151.7	1.8	242409					
75% Sulfide - P_y (100%)		151.7	152.3	0.6	242410					
50% Sulfide - P_y (10%), Sp (85%), C_{py} (5%), G_N (5%), P_o (0%)		152.3	152.5	0.2	242411					
20% Sulfide - P_y (40%), Sp (35%) C_{py} (0%) G_N (15%), P_o (0%)		152.5	153.5	1.0	242412					
10% Sulfide - P_y (80%), Sp (10%) C_{py} (0%) G_N (5%), P_o (5%)		153.5	154.3	0.8	242413					
10% Sulfide - P_y (10%) Sp (80%), C_{py} (70%) G_N (0%), P_o (10%)		154.3	154.9	0.6	242414					Cliz vein heated
50% Sulfide - P_y (10%), Sp (20%) C_{py} (20%) G_N (0%), P_o (50%)		154.9	155.6	0.7	242415					
Trace Sulfide - 100% C_{py}		155.6	156.6	1.0	242416					
		156.6	157.6	1.0	242417					
		157.6	158.6	1.0	242418					
		158.6	158.8	0.2	242419					
		158.8	159.9	1.1	242420					
		159.9	160.1	0.2	242421					
		160.1	161.1	1.0	242422					
		161.1	162.1	1.0	242423					
		162.1	162.7	0.6	242424					
15% Sulfide - C_{py} (100%)		162.7	162.9	0.2	242425					
		162.9	163.9	1.0	242426					
		163.9	164.0	0.1	242427					
		164.0	164.1	0.1	242428					
		164.1	164.4	0.3	242429					
		164.4	164.7	0.3	242430					
		164.7	165.7	1.0	242431					

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
165				16	164.4 - 164.7 - QV + chlorite							
166					1161 - 168 - QV + chlorite + CPY							
167					167.8 - Abundant Qtz eyes.							
168												
169												
170					[GRD04-083 @ 170.0m]							
171					171.0 - 172.1 - CPY stringers - 1-5% CPY							
172					172.2 - 172.3 - QV							
173												
174					174.0 - 175.6 - QV with intense chlorite							
175												
176												
177												
178												
179												
180												
181				181.3 m.	EOH							
182												
183												
184												
185												
186												
187												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		165.7	166.2	0.5	242432	
		166.7	166.8	0.6	242433	
1% Sulfide - Cpy (100%)		166.8	167.5	0.7	242434	
		167.5	168.5	1.0	242435	
Standard #1		0	0	0	242436	
		168.5	169.5	1.0	242437	
Standard #2		0	0	0	242438	
2% Sulfide Cpy (100%)		169.5	171.7	2.2	242439	
		171.7	172.3	0.6	242440	
		172.3	173.3	1.0	242441	
		173.3	174.0	0.7	242442	
		174.0	175.6	1.6	242443	
		175.6	176.6	1.0	242444	
		176.6	177.6	1.0	242445	

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
188											
189											
190											
191											
192											
193											
194											
195											
196											
197											
198											
199											
200											
201											
202											
203											
204											
205											
206											
207											
208											
209											
210											

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE	OF	PROJECT:	HOLE NO.

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

DRILL LOG

PROJECT: Wolverine	GROUND ELEV.: 1395
HOLE NO.: WU04-127	BEARING: 180° Grid South
LOCATION: 16500E, 16800N; UTM 440087 E, 6811284 N	DIP: -80°
	TOTAL LENGTH: 197.6
LOGGED BY: G. Dessureau	HORIZONTAL PROJECT
DATE: August 30, 2004	VERTICAL PROJECT
CONTRACTOR: E. Caron Diamond Drilling	
CORE SIZE: HQ	
DATE STARTED: Aug 28, 2004	
DATE COMPLETED: Sept, 3, 2004	
DIP TESTS	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

This hole was drilled to test the up-dip extension of the orebody on ~~E~~ 16600E
This hole intersected 3 zones of massive sulfid.
175.4m - 176.1m - sphalerite + Pyrite + galena
177.5m - 179.7m - sphalerite + pyrite + galena.
179.7m - 180.3m - Pyrrhotite + Pyrite + chalcopyrite

LEGEND

PAGE 1 OF | PROJECT: Wolverine | HOLE NO. WU04127

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
4				0- 12.5 DHOB - various rock types including felsic and mafic volcanics							
5											
6											
7	100%										
8											
9											
10											
11											
12											
13				12.5-48.4 RHAR - Very Broken, weathered ground dominantly high silica pieces with minor interbedded Sericite schist							
14											
15											
16											
17											
18											
19											
20	50%										
21											
22											
23											
24											
25											
26											

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
27	0%				26.2-27.7 - Lost core - Sand mud.							
28												
29	10%											
30					30.8-32.3 - lost core							
31	0%											
32												
33	1%											
34					33.8-35.4 lost core							
35	0%											
36												
37	1%											
38					38.4-39.9 lost core							
39	0%											
40												
41	1%											
42					42.5-46.0 - lost core							
43												
44	0%											
45												
46												
47												
48				48.4-48.8	RHFS. lt grey-white very fine grained Siliceous chert weakly laminated							
49												

[GRD04-054-@ 48.5m]

PAGE 4 OF	PROJECT: Wolverine	HOLE NO. WV04-127

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 5 OF | PROJECT: Wolverine | HOLE NO. WV04-127

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
50	75%			48.8-49.8 EXMT - med-dark grey and lt grey to white Banded Iron formation locally up to 90% Mt remobilized [GRD04-085 @ 49.1m]							
51											
52	90%			49.8-52.8 RHFS - lt grey-white very fine high silica chert. [GRD04-086 @ 49.9m]							
53			78°								
54				52.8-57.0 EXMT - med-dark grey and white Banded Iron formation locally 90% Mt remobilized fine grained minor Pyrite up to 5% fine grained [GRD04-087 @ 53.3m]							
55											
56											
57	95%		70°								
58				57.0-59.8 RHFS - lt grey-white - high silica cherty horizon. 99% silica. Thin mm scale sericite laminae [GRD04-088-57.4m]							
59											
60			70°								
61				59.8-60.8 EXMT - dk grey-med grey and white Banded Iron fm. only upto 50% Mt.							
62				60.8-63.2 RHFS - lt grey to white fine grained high Silica							
63	100%			63.2-67.4 - EXMT - Mid-dk grey and white Banded Iron Formation up to 50%							
64											
65	10%										
66											
67	20%										
68				67.4-75.0 RHFS - Very poor recovery fine grained high Silica chert + 1% - Vein ? Very broken Blk lt grey ground.							
69	5%										
70											
71											
72	5%										

PAGE 6 OF	PROJECT: Wolverine	HOLE NO. WU04-127

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
73	0%			72.0 - 75.0 lost core - sand.							
74											
75				75.0 - 82.6 ARMS - Dk grey - black mudstone with minor interbedded quartz laminae							
76											
77	80%			[GRD04-089 @ 75.1 m]							
78											
79											
80	5%										
81				81.1 - 82.6 - Lost core							
82	0%										
83	5%			82.6 - 96.8 RHAT - lt grey to white interbedded siltstone with beds (1cm - 5cm) with sandstone beds (1-2mm)							
84											
85	20%			[GRD04-090 @ 84.3m]							
86	95%										
87											
88				87.5 - 91.8 - lost core							
89											
90	0%										
91											
92											
93	10%										
94											
95	80%										

PAGE 8 OF	PROJECT: Wolverine	HOLE NO. WV04-127

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
96											
97	85%			96.8-105.4 EXMT - Med. dark grey and ltgrey							
98				97.9-100.9 - lost core							
99				... to white Banded iron formation. Trace Pyrite up to 90's pt in Mt rich bands							
100	97%										
101											
102	95%			[GRD04-91 @ 101.0]							
103											
104	90%										
105				105.4-106.4 RHFS - ltgrey - White fine grained siliceous mt. chert							
106			70°								
107	80%			106.4-111.4 ARSJ - md - lt grey siliceous argillite, with Pyrite rich Bands up to 2cm							
108	90%			[GRD04-092 @ 107.5m]							
109											
110	70%										
111											
112			70°	111.4-117.0 EXCP - lt grey - lt brownish grey Carbonate - Silica - Pyrite Exhalite. generally irregular Bedding locally cm scale Beds of more argillaceous material is abundant Pyrite.							
113											
114	90%										
115				[GRD04-093 @ 112.3m]							
116											
117			70°								
118	80%			117.0-121.2 ARSJ - med. grey finely laminated siliceous mudstone							
				[GRD04-094 @ 118.0m]							

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
119											
120	90%										
121			70°	121.2-123.9 EXCP- lt grey - brownish grey finely laminated Carbonate + Pyrite +(Sr) sphalerite Exhalite [GRD04-095 @ 121.7m] ← gradational contact →							
122											
123	100%										
124			70°	123.9-129.8 ARSI → ARGR- Mid grey Siliceous mudstone grading down-hole to carbonaceous Mudstone							
125											
126	100%			125.3-125.4- Quartz + Pyrite Vein. [GRD04-096 @ 125.0m]							
127											
128	5%			128.8-129.1- Breccia - very angular - lathy shaped fragments of ARMS-ARSI with calcite matrix							
129	30%										
130			70°								
131				129.8-135.8 RHTT- lt green - dk grey weakly to moderately Sericite altered Rhyolitic Ash Tuff grading downhole to Rhyolite Lapilli Tuff.							
132											
133	90%			[GRD04-097 @ 129.9m]							
134											
135											
136			70°	135.8-142.4 ARSI dk grey - finely laminated siliceous mudstone w thin (1-5mm) grz + Pyrite laminea							
137	90%										
138				[GRD04-098 @ 136.0]							
139											
140				140.0-140.8 - Very siliceous - more like RHAT							
141											

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
142				142.4-145.4 RHFS - lt grey-white high silica unit. Fine (1-2mm) bedded laminae at top becoming less apparent towards the Bottom. [GRD04-98 @ 142.6m]							
143											
144	75%										
145											
				↕ gradational contact ↕							
146				145.4-149.0 ARSI - lt grey - med grey bedded (1-2cm) siliceous mudstone							
147				[GRD04-100 @ 145.6m]							
148	90%										
149				149.0-156.6 ARMS - dk grey - finely laminated mudstone with thin 1-2mm quartz + pyrite laminae.							
150	80%										
151	90%			[GRD04-101 @ 149.1m]							
152											
153	80%										
154				154.0-154.1 - QV							
155	60%			154.2-154.6 - QV							
				154.8-155.0 - QV + fault Gouge							
156											
157				156.6-157.9 RHTT - lt grey-greenish grey rhyolitic ash Tuff [GRD04-102 @ 156.9m]							
158				157.9-161.1 ARTF - med-dk grey laminated mudstone w/ 10-15% quartz rich lapilli fragments [GRD04-103 @ 158.9m]							
159	90%										
160				↕ Interbedded contact ↕							
161				161.1-166.8 RHLT - lt grey-greenish grey rhyolitic Lapilli Tuff							
162											
163	90%			[GRD04-104 @ 162.9 m]							
164											

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				
		156.6	157.9	1.3	242446					
		157.9	158.2	0.3	242447					
		158.2	159.1	0.9	242448					
		159.1	160.1	1.0	242449					
		160.1	161.1	1.0	242450					
		161.1	161.4	0.3	242451					
		161.4	161.8	0.4	242452					
		161.8	162.8	1.0	242453					
		162.8	163.8	1.0	242454					
		163.8	164.8	1.0	242455					
		164.8	165.8	1.0	242456					
		165.8	166.8	1.0	242457					
		166.8	167.7	0.9	242458					
		167.7	168.7	1.0	242459					
		168.7	169.8	1.1	242460					

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
165												
166					↕ Interbedded contact ↕							
167			70°	166.8-168.7	ARTF - med grey - dk grey finely laminated mudstone w/ qtz rich lapilli frags. [GRD04-105 @ 167.0m]							
168	95%											
169				168.7-170.8	FDPH - lt med grey feldspar porphyry. 30% dk grey feldspar phenocrysts [GRD04-106 @ 169.0m]							
170												
171				170.5-174.4	ARTF - dk grey to med grey finely laminated mudstone ... with qtz rich lapilli frags. [GRD04-107 @ 171.6m]							
172	90%											
173					171.2-171.5 - RHTT							
174				174.4-175.4	STGG - dk grey - black argillaceous fault breccia, contains qtz frags + pyrite frags + sphal. frags							
175	85%											
176	95%			175.4-176.1 (0.7m)	SSMS - sphalerite + pyrite + galena massive sulfide - cut by carb. veins.							
177	100%			176.1-177.1	STGG - black argillaceous fault gouge							
178	100%			177.1-177.5	STGG - Pyrite-chalcopyrite + Argillic FG							
179	95%			177.5-179.7 (2.2)	SSMS - sphalerite + pyrite + Galena laminated massive sulfide. minor Brecciated textures							
180				179.7-180.3 (0.6)	SSMS - Po rich stringer zone massive sulfide chalcopyrite rich, minor argillic							
181	90%			180.3-180.6	RHCL - Chloritic altered zone							
182				180.6-197.6	RHCL - RHSA - sericitic chloritic altered Rhyolitic Lapilli Tuff [GRD04-108 @ 181.4m]							
183												
184												
185					181.5 - 182.1 QV + Chl. veins locally							
186					185.4 - 186.0 - Fault Gouge							
187												
					187.0 - 189.1 - QV							

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		169.8	170.8	1.0	242461	
		170.8	171.3	0.5	242462	
		171.3	171.6	0.3	242463	
		171.6	171.9	0.3	242464	
		171.9	172.3	0.4	242465	
		172.3	173.3	1.0	242466	
		173.3	174.4	1.1	242467	
2% Sulfide - Sulfide fragments ST66		174.4	175.0	0.6	242468	
- 90% Sp 10% Py						
2% Sulfide Sp (90%) Py (10%)		175.0	175.4	0.4	242469	
Sulfide fragments ST66						
		"	0	0	242470	
95% Sulfide Py (70%), Sp (20%), Cpy (0%)		175.4	176.1	0.7	242471	
Gn (10%), Po (0%)						
2% Sulfide Py (80%), Sp (20%).		176.1	177.1	1.0	242472	
Sulfide fragments ST66						
95% Sulfide Py (85%), Sp (10%), Cpy (4%)		177.1	177.3	0.2	242473	
Gn (1%), Po (0%)						
1% Sulfide Py (100%)		177.3	177.5	0.2	242474	
99% Sulfide Py (60%), Sp (25%), Cpy 5%		177.5	178.5	1.0	242475	
Gn (10%) Po (0%)						
99% Sulfide Py (60%), Sp (29%), Cpy (1%)		178.5	179.0	0.5	242476	
Gn (10%), Po (0%)						
99% Sulfide Py (60%) Sp (30%), Cpy (0%)		179.0	179.7	0.7	242477	
Gn (10%), Po (0%)						
100% Sulfide Py (0%), Sp (10%), Cpy (80%)		179.7	179.9	0.2	242478	
Gn (1%), Po (9%)						
90% Sulfide Py (20%), Sp (10%), Cpy (20%)		179.9	180.3	0.4	242479	
Gn (0%), Po (50%)						
10% Sulfide Py (0%), Sp (0%), Cpy (0%)		180.3	180.6	0.3	242480	
Gn (0%), Po (50%)						
		"	0	0	242481	
		180.6	181.6	1.0	242482	
		181.6	182.1	0.5	242483	

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
188				RHCL - RHSR cont..							
189				greenish - grey chlorite -							
190				sericite altered rhyolite							
191	50%			Lapilli - tuffs.							
192											
193	90%										
194											
195											
196	50%										
197											
198				197.6 EOH.							
199											
200											
201											
202											
203											
204											
205											
206											
207											
208											
209											
210											

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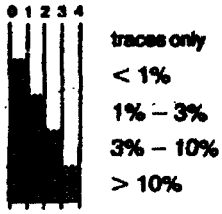
MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		182.1	183.1	1.0	242484	
		183.1	184.1	1.0	242485	
		184.1	185.1	1.0	242486	
		185.1	185.4	0.3	242487	
		185.4	186.2	0.8	242488	
		186.2	187.2	1.0	242489	
		187.2	188.2	1.0	242490	
		188.2	189.2	1.0	242491	
		189.2	190.2	1.0	242492	
		190.2	191.2	1.0	242493	
		191.2	192.2	1.0	242494	
		192.2	193.2	1.0	242495	
		193.2	194.2	1.0	242496	
		194.2	195.2	1.0	242497	
		195.2	196.2	1.0	242498	
		196.2	197.2	1.0	242499	
		197.2	197.6	0.4	242500	
EOS						

PAGE 19 OF | PROJECT: Wolverine | HOLE NO. WV04-127

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
211											
212											
213											
214											
215											
216											
217											
218											
219											
220											
221											
222											
223											
224											
225											
226											
227											
228											
229											
230											
231											
232											
233											

DRILL LOG

PROJECT Wolverine 1614	**GROUND ELEV.** 1472 m
HOLE NO. WU04 - 128	**BEARING** 180° Grid South
LOCATION Grid 1635DE 1711ON UTM (zone 9/NAD 27) 439876 E 6811344 N	**DIP** -85°
	TOTAL LENGTH 69.5m
LOGGED BY Gilles Dessureau	**HORIZONTAL PROJECT**
DATE Sept 5, 2004	**VERTICAL PROJECT**
CONTRACTOR E Caron Diamond Drilling	**ALTERATION SCALE**
CORE SIZE HQ	
DATE STARTED Sept 5, 2004	**TOTAL SULPHIDE SCALE** 
DATE COMPLETED Sept. 14, 2004	
DIP TESTS	
COMMENTS Hole was lost @ 69.5 m when Rod were welded in place.	**LEGEND**

PAGE 1 OF | PROJECT: Wolverine | HOLE NO. WN24-128

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
0				0 – 4.2 ADTT – Andesite Lapilli Tuff green							
1											
2	98%										
3											
4			60°	4.2 – 4.9 ADTT – Grey to green Andesitic lapilli. Tuff							
5	97%		60°								
6				4.9 – 14.1 ADMS – Green Massive andesite - cut by occasional Calcite vein > 5cm. Several possible flowtop Breccias							
7											
8	99%										
9											
10											
11											
12											
13											
14				14.1 – 14.6 CAVN – Calcite + chlorite vein							
15	90%			14.6 – 56.9 ADMS – Green Massive andesite - cut by occasional Calcite veins Several Possible flowtop Breccias							
16				16.8 – 17.1 – CAVN							
17											
18	100%		55°								
19											
20											
21											
22											
23											

PAGE 2 OF	PROJECT: Wolverine	HOLE NO. WV04128

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 3 OF | PROJECT: Wolverine | HOLE NO. WH04-128

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
24											
25											
26											
27											
28											
29				29.4 - 29.6 - Calcite vein							
30											
31											
32											
33											
34				33.4 - 33.5 - CAVN							
35											
36				36.0 - Possible fluvial to Breccia							
37											
38				36.0 - 38.5 - 10% Calcite veins							
39											
40											
41											
42											
43											
44											
45											
46											

PAGE 4 OF	PROJECT: Wolverine	HOLE NO. WV04-128

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 5 OF | PROJECT: Wolverine | HOLE NO. WV04-128

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
47											
48											
49											
50											
51											
52											
53											
54											
55											
56											
57				56.9-58.6 ARLT - Dk grey - Med grey Banded Argillite w/ silica rich fragments							
58											
59				58.6-67.0 ARMS - Dk grey - Black massive to finely laminated mudstone - minor qtz rich Bands.							
60											
61											
62											
63				67.0-69.0 ADTF - Lt med green andesitic Tuff. cut by calcite veins.							
64											
65											
66											
67											
68				Bit Burnt on Drill steel welded rods in place							
69				69.0-69.5 - ARSI - Med-Lt grey siliceous argillite							

EOH

DRILL LOG

PROJECT: Wolverine	GROUND ELEV.: 1472
HOLE NO.: WJ04-129	BEARING: 180° - Grid South
LOCATION: 16350E, 17110N (UTM Zone 9 NAD27) 439874E 6511344N	DIP: -80°
	TOTAL LENGTH: 345.70
LOGGED BY: G Dessureau	HORIZONTAL PROJECT:
DATE: Sept 15, 2004	VERTICAL PROJECT:
CONTRACTOR: E Caron Diamond drilling	ALTERATION SCALE: 0 1 2 3 — absent; slight; moderate; intense
CORE SIZE: HQ	
DATE STARTED: Sept 14, 2004	TOTAL SULPHIDE SCALE: 0 1 2 3 4 — traces only; < 1%; 1% – 3%; 3% – 10%; > 10%
DATE COMPLETED: Sept 28 2004	
DIP TESTS:	

COMMENTS

Sulfide horizon

330.6m - 338.8m

↳ 330.6m - 331.7m - pyrite massive sulfides w/ argillite interbeds.

↳ 331.7m - 338.8m - sphalerite + pyrite + galena + chalcopyrite + massive sulfide - laminated and Brecciated

↳ 338.8m - 339.0m - Qtz + chalcopyrite vein

LEGEND

PAGE 1 OF | PROJECT: Wolverine | HOLE NO. WW04-129

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
1				0-1.0 DHOB - chlorite schist weathered.							
2	95%			1.0-4.6 ARTF- lt grey - med grey lapilli Tuff							
3											
4											
5			60°	4.6-56.2 ADTMS - pale green chlor. to schist minor calcite + quartz veins.							
6				possible Flow Top Breccias possible hyaloclastic textures							
7											
8	100%										
9											
10				[GRD04-109 @ 11.4m]							
11											
12				12.8-13.1 - CAVN							
13	99%										
14											
15				15.9-17.1 - Several CAVN							
16											
17											
18											
19	100%										
20											
21											
22											
23											

PAGE 2 OF	PROJECT: Wolverine	HOLE NO. WV04-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 3 OF | PROJECT: Wolverine | HOLE NO. WV04129

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
24				ADMS - cont..							
25											
26			60°								
27				27.8 - 28.0 - CAVN -							
28											
29											
30											
31											
32	100%			32.8 - 1 cm. - CAVN + Brownish Bladed mineral - Apatite, tourmaline, epidote, Kyanite, Beryl ?							
33											
34				33.4 - 33.5 - CAVN - No Brown Min.							
35				33.7 - 33.8 - CAVN - No Brown Min							
36				34.3 - 34.5 - CAVN - with Brown Min							
37				[GRD04-110 @ 34.3]							
38											
39											
40											
41											
42											
43											
44											
45											
46											

PAGE 4 OF	PROJECT: Wolverine	HOLE NO. WV04-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 5 OF | PROJECT: Wolverine | HOLE NO. WD04-129

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
47											
48											
49											
50	100%										
51											
52				[GRD04-111 @ 52.3 m]							
53											
54											
55											
56	99%			56.2-65.9 ARMS - med grey - dk grey massive argillite with 1% fibrous rich fragments or laminae							
57											
58				57.0-57.1 - QTUN							
59	99%			[GRD04-112 @ 56.6 m]							
60				60.7 - QVN							
61											
62											
63	75%										
64											
65	95%			Chl altered contact ↑							
66				65.9-66.2 QTUN - Quartz + Calcite vein							
67				chl altered contact ↓							
68	99%			66.2-19.0 ARMS - dk grey to med grey finely laminated mudstone							
69				[GRD04-113 @ 67.6 m]							

PAGE 6 OF	PROJECT: Wolverine	HOLE NO. WV04-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 7 OF | PROJECT: Wolverine | HOLE NO. WV04-129

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
70				69.0-87.7 RHFR - med grey - lt grey fragmental Rhyolite with 10% carbonaceous mud matrix							
71											
72				[GRD04-114 @ 69.3m]							
73				72.8-73.0 - RHTT - fine Rhyolitic ash bands							
74	95%										
75											
76											
77				77.1-77.2 - QV - with chlorite altered margins							
78											
79											
80											
81				82.0-82.1 - RHTT bands							
82											
83											
84	95%										
85											
86											
87											
88				87.7-91.6 RHTT - lt green to greenish grey fine ash Tuff. Minor lapilli fragments							
89											
90				[GRD04-115 @ 88.2m]							
91				91.6-92 RHFR - greenish grey - chlorite altered ~~fragmental~~ rhyolite.							
92				91.7-91.8 - Qtz vein - with chlorite alteration.							

[GRD04-116 @ 93.4m]

PAGE 8 OF	PROJECT: Wolverine	HOLE NO. W04-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 9 OF | PROJECT: Wolverine | HOLE NO. WL04-179

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
93				RHFR continued.							
94											
95											
96											
97	96%										
98				99.9- [illegible] FRTF - mod grey [illegible]							
99				[illegible]							
100				[GRADING 117@ 99.9m]							
101	93%										
102											
103											
104											
105				105.2 - 105.[illegible] cgV							
106				105.5-111.4 RHFR - lt grey [illegible]							
107				[illegible]							
108				[GRADING 113@ 107.8m]							
109	97%			108.2 - 108.[illegible] cgV							
110											
111											
112											
113											
114											
115											

PAGE 10 OF	PROJECT: Wolverine	HOLE NO. WV04-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 11 OF | PROJECT: Wolverine | HOLE NO. W04-129

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
116											
117											
118											
119											
120											
121			60°	121.4-123.5 ARTF- Dk grey to grey fine to medium grained [GEOH 119 @ 121.6m]							
122											
123											
124			60°	123.5-125.8 BHFN- Dk grey to grey fine to coarse grained Rhyolite [GEOH 120 @ 124.1m]							
125											
126											
127											
128											
129											
130											
131											
132											
133											
134											
135											
136											
137											
138											

PAGE 12 OF	PROJECT: Wolverine	HOLE NO. WN04-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 13 OF | PROJECT: Wolverine | HOLE NO. WU04-129

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
139											
140											
141											
142											
143											
144	97										
145											
146											
147											
148											
149											
150											
151											
152											
153											
154											
155				1558 - 1689 RHAR -							
156											
157											
158											
159	96										
160											
161											

PAGE 14 OF	PROJECT: Wolverine	HOLE NO. WV04-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 15 OF | PROJECT: Wolverine | HOLE NO. WV04-129

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
162											
163											
164											
165											
166											
167											
168											
169				165.4-179.1 RHYK - H and grey and [illegible]							
170											
171				[GRDCH - 1[illegible] @ 1[illegible]]							
172	60%										
173											
174											
175	65%			179.1-179.7 RHTT H and grey [illegible]							
176				[GRDCH - 1[illegible] @ 179.2m]							
177	90%										
178											
179				179.7-183.5 RHTT - Fault Breccia							
180											
181	50%										
182											
183				183.5-184.0 - RHTT - brecciated [illegible] fragmental - [illegible]							
184	50%			184.0 184.5 RHTT - Fault Breccia							

PAGE 16 OF | PROJECT: Wolverine | HOLE NO. WV04-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 17 OF | PROJECT: Wolverine | HOLE NO. WH4-129

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
185				184.5-186.7 - RHTT - H grey - chlorite + silica altered Fault Tuff							
186											
187				1857-1891 RHTT - Fault Gouge							
188											
189											
190				1891-1967 RHFS - Fault Gouge, dk grey - Pale Fault Gouge							
191											
192											
193	80%										
194											
195											
196											
197				1967-1985 FMT - Fine grey - white laminated [GRDH-124 @ 197.2m]							
198	40%			1985-2151 RHFS - H grey - white bands weakly Fract altered [GRDH-125 @ 198.9m]							
199											
200											
201											
202	50%										
203											
204				204.0-214.0 - Lat Core							
205											
206	0%										
207											

PAGE 18 OF | PROJECT: Wolverine | HOLE NO WV04-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 19 OF | PROJECT: Wolverine | HOLE NO. WX04-129

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
208				lost core continued							
209											
210	0%										
211											
212											
213											
214				215.0 - 215.1 - QV, minor chloritic Py							
215	90%			215.1 - 228.8 ARSI - DK grey - lt grey finely laminated siliceous mudstone							
216											
217				217.1 - 228.0 - lost core							
218											
219											
220											
221											
222	0%										
223											
224											
225											
226											
227											
228				228.8 - 230.2 RHFS - ARSI - Poor recovery Pieces of ARSI and RHFS							
229	10%										
230											

PAGE 20 OF	PROJECT: Wolverine	HOLE NO. WV04-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 21 OF | PROJECT: Wolverine | HOLE NO. WWD4-129

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
231				230.2-234.4 EXCP - Green-Grey-Beige, finely Banded Carbonate - Pyrite - Silica exhalite.							
232	95%			[GRD04-126 @ 230.5m]							
233				233.4-233.6 - QV							
234											
235	80%			234.4-237.6 ARSI - Dk grey-med grey finely laminated siliceous mudstone							
236											
237	25%			[GRD04-127 @ 234.5m]							
238				237.6-239.5 RHTT - lt grey-greenish grey lapilli-ash tuff -							
239	50%			[GRD04-128 @ 237.9m]							
240			75°	239.5-242.1 ARSI - dk grey-lt grey finely laminated siliceous argillite 2 Bands of pyrite rich (very fine-med pyrite xls) argillite @ 240.0m-240.1m and 240.2m-240.5m							
241	90%										
242			75°								
243	90%			242.1-245.1 ARMS - dk grey very finely laminated carbonaceous mudstone, minor pyrite nodules associated w qtz.							
244											
245			75°	[GRD04-129 @ 242.2m]							
246				245.1-263.2 RHFR - RHFS - lt grey-white fine grained Banded Rhyolite from mafic to high silica interbedded with Mudstone. Some Bands very continuous some Bands not real.							
247	90%										
248											
249											
250				[GRD04-130 @ 245.2m]							
251											
252											
253											

PAGE 22 OF	PROJECT: Wolverine	HOLE NO. WW04-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						

PAGE 23 OF | PROJECT: Wolverine | HOLE NO. WH04-129

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
254					254.6 - 258.2 - lost core							
255												
256	0%											
257												
258												
259												
260	60%											
261												
262												
263			70°	263.2-263.9	ARSI - Med - lt. grey finely Banded siliceous Mudstone							
264												
265	60%			263.9-266.6	RHFS - lt grey - white fine grained high Silica with Mudstone interbeds.							
266					[GRD04-131 @ 264.0 m]							
267	95%		75°	266.6-282.7	ARSI - dk grey - med grey finely bedded siliceous mudstone							
268	80%				[GRD04-132 @ 266.7 m]							
269												
270												
271	60%		70°									
272												
273	40%											
274												
275					275 - 276.5 - RHFS - very Broken core poor recovery.							
276					276.0 grey - Silica exhalite							

PAGE 24 OF | PROJECT: Wolverine | HOLE NO. WV04-29

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 25 OF | PROJECT: Wolverine | HOLE NO. W004-129

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
277					276.5 - 281.1 - lost core							
278												
279	80%											
280												
281					282.5 - QV - very Broken core							
282	20%											
283												
284				282.9 286.6	ARSI - Dk grey - med grey - siliceous argillite mixed ARSR w/ tep							
285	70%				[GRD04-133 @ 284.0m]							
286												
287				286.6 - 292.3	ARTF - Dk grey - med grey mudstone w/ lapilli high SiO_2 fragments becomes more altered down core to Qtz vein @ 292.0m							
288												
289	60%											
290												
291					292.0 - 292.3 - QV							
292												
293				292.3 - 295.1	ARSR - dk grey - black graphitic mudstone - Non lithified							
294	50%											
295												
296				295.1 - 299.1	ARTF - dk grey - lt grey finely laminated mudstone w/ Ash - lapilli - SiO_2 rich fragments							
297												
298												
299												

PAGE 26 OF | PROJECT: Wolverine | HOLE NO. W004-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				

PAGE 27 OF | PROJECT: Wolverine | HOLE NO. WU04-179

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
300			75°	299.1-300.1	RHLT - Lt grey - greenish white rhyolitic Lapilli Tuff. [GRD04-134 @ 299.2m]							
301	90%			300.1-305.5	RHFR - Lt grey - beige. Massive Rhyolite Flow w Fragmental rhyolite. [GRD04-135 @ 300.4m]							
302												
303												
304					305.5 - 305.6 - Mud/clay seam							
305				305.5-316.1	RHFL - Grey - Beige Massive RHMS sparsely aphyric rhyolite flow - possible Flow Banded and/or Flow to Breccias occasionally weakly porphyritic ⊘ >1mm feldspar xtals - Minor Argillic between Flow top breccias [GRD04-136 @ 305.6m]							
306												
307												
308												
309												
310												
311					310.8 - 311.0 - Quartz + Pyrite UN.							
312												
313					[GRD04-137 @ 312.9m]							
314												
315												
316			60°	316.1-316.8	ARMS Dk grey - Black - with white banded Pyrite rich chaotic breccia matrix [GRD04-138 @ 316.2m]							
317	100%		60°	316.8-317.4	AHFL - Grey massive Rhyolite Flow RHMS [GRD04-139 @ 316.9m]							
318			60°	317.4-318.4	ARMS - Dk grey Black Pyrite rich carbonaceous argillite [GRD04-140 @ 317.5m]							
319			60°	318.4-319.0	RHFL - " [GRD04-141 @ 318.5m] RHMS							
320				319.0-321.0	ARMS - " [GRD04-142 @ 319.2m]							
321			60°	321.0-325.0	RHFL - " [GRD04-143 @ 321.5m] RHMS							
322												

PAGE 28 OF | PROJECT: Wolverine | HOLE NO. WU04-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				
		317.4	318.4	1.0	242501					
		318.4	319.0	0.6	242502					
		319.0	320.4	1.4	242503					
		320.4	321.0	0.6	242504					
		321.0	322.0	1	242505					

PAGE 29 OF | PROJECT: Wolverine | HOLE NO. WN04-129

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
323											
324											
325			60°	325.0-326.9 ARMS - dk grey - black finely laminated Mudstone minor qtz + Pyrite [GRD04-144 @ 325.2m]							
326											
327				326.9-327.6 CAUN - Brecciated Mudstone with intense calcite VNs							
328				327.6-330.6 - ARMS - dk grey - black finely laminated carbonaceous argillite							
329											
330				330.6-331.7 - PYSM - laminated Pyrite + Qtz + minor argillite 20 cm of Massive Py.							
331			60°								
332			60°	331.7-336.3 SSMS - laminated Pyrite + sphalerite + galena + chalcopyrite							
333											
334											
335											
336				336.3-337.8 SSMS - Brecciated - Pyrite sphalerite + galena chalcopyrite massive sulfide							
337											
338				337.8-338.8 SSMS - laminated Pyrite sphalerite + galena + tr. decrepitate massive sulfide							
339			60°	338.8-339.0 - QEUN - Cpy + Qtz + Barite - vein							
				339.0-340.0 ARSR - Sericite altered mudstone [GRD04-145 @ 339.2m]							
340			60°	340.0-344.0 ARMS - dk grey - black finely laminated carbonaceous mudstone							
341											
342				[GRD04-146 @ 341.4m]							
343											
344			60°	344.0-344.3 - QCUN - Quartz + Carbonate (Calcite) vein strong sericite alteration on either side.							
345				344.3-345.7 ARMS - dk grey to Black carbonaceous mudstone							

345.7 - EOH.

PAGE 30 OF	PROJECT: Wolverine	HOLE NO. WU04-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		322.0	323.0	1.0	242506	
		323.0	324.0	1.0	242507	
		324.0	325.0	1.0	242508	
2% Sulfide 100% Pyrite.		325.0	325.9	0.9	242509	
1% Sulfide 100% Pyrite.		325.9	326.9	1.0	242510	
tr pyrite.		326.9	327.6	0.7	242511	
		327.6	328.0	0.4	242512	
		328.0	329.3	1.3	242513	
		329.7	330.6	1.3	242514	
5% Sulfide · 100% Py		330.6	331.1	0.5	242515	
90% Sulfide · 100% Py		331.1	331.4	0.3	242516	
10% Sulfide – 100% Py		331.4	331.7	0.3	242517	
100% - Py (95%), Sp (4%), Gn (1%) Cpy (0%), Po (0%)		331.7	332.3	0.6	242518	
100% - Py (90%), Sp (9%), Gn (1%) Cpy (0%), Po (0%)		332.3	332.8	0.5	242519	
100% - Py (90%), Sp (9%), Gn (1%) Cpy (0%), Po (0%)		332.8	333.7	0.9	242520	
100% - Py (80%), Sp (18%), Gn (3%) Cpy (1%), Po (0%)		333.7	334.1	0.4	242521	
100% - Py (60%), Sp (35%), Gn (3%) Cpy (2%), Po (0%)		334.1	334.3	0.2	242522	
100% - Py (60%), Sp (35%), Gn (3%) Cpy (2%), Po (0%)		334.3	335.3	1.0	242523	
100% - Py (60%), Sp (35%), Gn (3%) Cpy (2%), Po (0%)		336.3	336.3	1.0	242524	
100% - Py (50%), Sp (45%), Gn (3%) Cpy (2%), Po (0%).		336.3	336.8	0.5	242525	
100% - Py (50%), Sp (45%), Gn (3%) Cpy (2%), Po (0%)		336.8	337.8	1.0	242526	
100% - Py (60%), Sp (35%), Gn (1%) Cpy (2%), Po (0%)		337.8	338.8	1.0	242527	
STANDARD #7		0	0	0.0	242528	

PAGE 31 OF | PROJECT: Wolverine | HOLE NO. WH04-129

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

PAGE 32 OF	PROJECT: Wolverine	HOLE NO. WD04-129

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				
STANDARD #3		0	0	0.0	242529					
5% Sulfide Py (5%), Sp (0%) Sa (0%) (Py (95%), Po (0%).		338	339.0	0.2	242530					
		339.0	340.0	1.0	242531					
		340.0	341.2	1.2	242532					
		341.2	342.2	1.0	242533					
		343.2	343.2	1.0	242534					
		343.2	344.0	0.8	242535					
		344.0	344.3	0.3	242536					
		344.3	345.3	1.0	242537					
		345.3	345.7	0.4	242538					
EOS										

PAGE	OF	PROJECT:	HOLE NO.

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

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Finalized Date: 9-SEP-2004
Account: MPO

CERTIFICATE VA04056038

Project: Wolverine 1614

P.O. No.:

This report is for 28 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 19-AUG-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	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
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM

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

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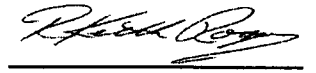
Signature: 

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Finalized Date: 9-SEP-2004
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Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04056038

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
WV04-121 242051		2.32	<0.05	<5	0.01	<0.01	0.01	0.01	0.11	<2
WV04-121 242052		2.76	0.07	<5	0.01	0.02	0.01	0.14	0.05	<2
WV04-121 242053		2.24	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.09	<2
WV04-121 242054		2.36	<0.05	<5	0.01	<0.01	<0.01	<0.01	0.06	<2
WV04-121 242055		2.22	<0.05	<5	<0.01	<0.01	<0.01	0.01	0.02	<2
WV04-121 242056		2.00	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.09	<2
WV04-121 242057		3.64	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.05	<2
WV04-121 242058		1.78	<0.05	<5	0.01	<0.01	0.01	0.01	0.06	<2
WV04-121 242059		2.58	<0.05	<5	0.01	<0.01	0.02	0.01	0.12	<2
WV04-121 242060		2.08	<0.05	<5	0.01	0.01	0.08	0.02	0.43	2
WV04-121 242061		2.78	<0.05	<5	0.02	<0.01	0.02	<0.01	0.12	8
WV04-121 242062		2.36	<0.05	<5	0.02	<0.01	0.01	0.01	0.07	10
WV04-121 242063		2.28	<0.05	<5	0.01	<0.01	0.01	0.01	0.05	18
WV04-121 242064		2.80	<0.05	<5	0.01	<0.01	0.01	0.01	0.04	10
WV04-121 242065		1.46	<0.05	<5	<0.01	<0.01	0.02	0.01	0.10	5
WV04-121 242066		2.42	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.06	<2
WV04-121 242067		1.46	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.09	2
WV04-121 242068		1.14	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.06	<2
WV04-121 242069		1.82	<0.05	<5	<0.01	<0.01	0.02	<0.01	0.07	7
WV04-121 242070		0.80	<0.05	<5	<0.01	<0.01	0.01	0.01	0.04	8
WV04-121 242071		0.44	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.04	3
WV04-121 242072		0.48	<0.05	5	0.01	<0.01	0.03	<0.01	0.12	9
WV04-121 242073		0.72	<0.05	<5	0.01	<0.01	0.05	0.01	0.15	8
WV04-121 242074		0.86	<0.05	<5	0.01	<0.01	0.03	<0.01	0.09	13
WV04-121 242075		2.12	<0.05	<5	0.01	<0.01	0.05	<0.01	0.15	14
WV04-121 242076		1.08	<0.05	<5	0.01	<0.01	0.03	<0.01	0.19	12
WV04-121 242077		1.06	<0.05	<5	0.01	<0.01	0.03	0.01	0.16	14
WV04-121 242078		0.26	<0.05	7	0.01	<0.01	0.04	0.01	0.13	12

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Finalized Date: 9-SEP-2004
Account: MPO

QC CERTIFICATE VA04056038

Project: Wolverine 1614

P.O. No.:

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CRU-31	Fine crushing - 70% <2mm
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Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM

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Finalized Date: 9-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04056038

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
STANDARDS									
BPL-04			683						
BPL-04			689						
BPL-04		44.0							
BPL-04			681						
Target Range - Lower Bound		43.8	630						
Upper Bound		50.6	736						
CCU-1c				23.3	0.36	3.97	<0.01		
Target Range - Lower Bound				24.7	0.32	3.84			
Upper Bound				26.5	0.36	4.14			
CO-ASSAY				5.76		0.01	1.05		
CO-ASSAY				5.66		0.01	1.03		
Target Range - Lower Bound				5.49		<0.01	0.97		
Upper Bound				5.91		0.02	1.07		
CU-106				1.49	0.02	0.02	0.01		
Target Range - Lower Bound				1.37			<0.01		
Upper Bound				1.49			0.02		
G2000								0.69	
Target Range - Lower Bound								0.68	
Upper Bound								0.81	
GXR-1									15
Target Range - Lower Bound									13
Upper Bound									21
GXR-4									6
Target Range - Lower Bound									3
Upper Bound									9
JWB-JV-1								1.00	
JWB-JV-1				0.83	0.45	0.92	0.05		
Target Range - Lower Bound				0.79	0.42	0.91	0.04	0.97	
Upper Bound				0.87	0.48	0.99	0.06	1.13	
OXM16		15.05							
Target Range - Lower Bound		14.05							
Upper Bound		16.25							
Pb-107				1.65	1.84	2.82	0.11		
Target Range - Lower Bound				1.54	1.75	2.69			
Upper Bound				1.68	1.89	2.91			

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Finalized Date: 9-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04056038

Sample Description	Method Analyte Units LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
BLANKS									
BLANK									<2
BLANK			<5						
BLANK			<5						
BLANK		<0.05							
BLANK								<0.01	
BLANK			<5						
BLANK				<0.01	<0.01	<0.01	<0.01		
Target Range - Lower Bound		<0.05	<5	<0.01	<0.01	<0.01	<0.01	<0.01	<2
Upper Bound		0.10	10	0.02	0.02	0.02	0.02	0.02	4
DUPLICATES									
ORIGINAL			825						
DUP			859						
Target Range - Lower Bound			790						
Upper Bound			894						
WV04-121 242060		<0.05	<5	0.01	0.01	0.08	0.02	0.43	2
DUP		<0.05	6	0.01	0.01	0.08	0.02	0.46	3
Target Range - Lower Bound		<0.05	<5	<0.01	<0.01	0.06	<0.01	0.40	<2
Upper Bound		0.10	10	0.02	0.02	0.10	0.04	0.49	4

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Finalized Date: 22-OCT-2004
Account: MPO

CERTIFICATE VA04069526

Project: Wolverine 1614

P.O. No.:

This report is for 58 Pulp samples submitted to our lab in Vancouver, BC, Canada on 7-OCT-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	JASON DUNNING	ACCOUNTS PAYABLE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-GRA08b	Specific Gravity for Pulps	WST-SIM

To: **EXPATRIATE RESOURCES LTD.**
ATTN: JASON DUNNING
701-475 HOWE ST
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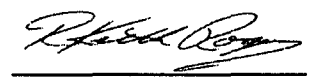
Signature: 

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Finalized Date: 22-OCT-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04069526

Sample Description	Method Analyte Units LOR	OA-GRA08b S.G. Unity 0.01
WV04-122 242085		2.89
WV04-122 242086		3.15
WV04-122 242087		3.30
WV04-122 242088		2.71
WV04-122 242089		2.81
WV04-122 242090		2.75
WV04-122 242091		2.76
WV04-122 242092		2.76
WV04-122 242093		2.67
WV04-122 242094		2.76
WV04-122 242095		2.81
WV04-122 242096		3.04
WV04-122 242097		3.41
WV04-122 242098		2.92
WV04-122 242099		2.81
WV04-122 242100		2.82
WV04-122 242151		2.68
WV04-122 242152		2.73
WV04-122 242153		2.73
WV04-122 242154		2.77
WV04-122 242155		2.76
WV04-122 242156		2.66
WV04-122 242157		2.76
WV04-122 242158		2.65
WV04-122 242159		2.80
WV04-122 242160		2.98
WV04-122 242161		3.95
WV04-122 242162		4.56
WV04-122 242163		4.37
WV04-122 242164		4.56
WV04-122 242165		4.48
WV04-122 242166		4.32
WV04-122 242167		2.70
WV04-122 242168		2.69

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To: EXPATRIATE RESOURCES LTD.
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Finalized Date: 22-OCT-2004
Account: MPO

QC CERTIFICATE VA04069526

Project: Wolverine 1614

P.O. No.:

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SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-GRA08b	Specific Gravity for Pulps	WST-SIM

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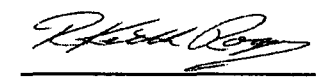
Signature: 

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Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04069526

Sample Description	Method Analyte Units LOR	OA-GRA08b S.G. Unity 0.01
		STANDARDS
SILICA		2.64
Target Range - Lower Bound		2.35
Upper Bound		2.89
		DUPLICATES
WV04-122 242094		2.76
DUP		2.75
Target Range - Lower Bound		2.60
Upper Bound		2.91

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 12-SEP-2004
Account: MPO

CERTIFICATE VA04056286

Project: Wolverine 1614

P.O. No.:

This report is for 55 Rock samples submitted to our lab in Vancouver, BC, Canada on 19-AUG-2004.

The following have access to data associated with this certificate:

JASON DUNNING	ACCOUNTS PAYABLE	

SAMPLE PREPARATION

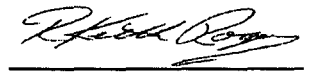
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM

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: 

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Finalized Date: 12-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04056286

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
WV04-123 242181		4.54	0.13	56	0.16	0.36	2.97	0.03	22.9	128
WV04-123 242182		1.78	0.13	<5	0.01	0.01	0.05	0.01	0.48	18
WV04-123 242183		0.88	<0.05	<5	0.01	0.01	0.04	0.01	0.41	16
WV04-123 242184		1.50	<0.05	5	0.01	0.01	0.03	0.01	0.35	7
WV04-123 242185		1.88	<0.05	8	0.01	<0.01	0.11	0.01	0.43	10
WV04-123 242186		0.90	<0.05	6	<0.01	<0.01	0.22	0.01	0.16	7
WV04-123 242187		1.78	<0.05	6	<0.01	<0.01	0.05	0.01	0.14	6
WV04-123 242188		1.52	<0.05	14	0.02	0.24	1.12	0.02	5.53	81
WV04-123 242189		1.26	0.20	30	0.05	0.40	3.17	0.13	16.85	123
WV04-123 242190		2.16	0.33	51	0.07	0.43	2.57	0.05	14.35	101
WV04-123 242191		2.04	0.52	172	0.04	0.42	1.17	0.36	7.85	132
WV04-123 242192		3.02	<0.05	31	0.02	0.04	1.87	0.02	10.65	44
WV04-123 242193		2.74	<0.05	6	<0.01	<0.01	0.03	0.01	0.19	5
WV04-123 242194		2.60	<0.05	11	0.03	0.02	0.36	0.01	1.05	37
WV04-123 242195		2.32	<0.05	<5	0.01	<0.01	0.02	0.01	0.14	11
WV04-123 242196		6.48	<0.05	6	0.01	<0.01	0.06	<0.01	0.20	17
WV04-123 242197		2.42	0.07	17	1.22	0.05	0.66	<0.01	1.08	412
WV04-123 242198		1.66	<0.05	<5	0.01	0.01	0.05	<0.01	0.17	7
WV04-123 242199		3.24	<0.05	<5	0.01	0.01	0.08	<0.01	0.21	7
WV04-123 242200		2.96	<0.05	<5	<0.01	<0.01	0.03	<0.01	0.03	3
WV04-123 242201		1.94	<0.05	<5	0.01	<0.01	0.04	0.01	0.12	10
WV04-123 242202		2.32	<0.05	8	0.02	0.02	0.43	<0.01	0.75	56
WV04-123 242203		3.12	0.07	5	0.01	<0.01	0.05	0.01	0.19	11
WV04-123 242204		2.36	1.13	326	0.19	0.01	0.06	0.03	1.07	14
WV04-123 242205		4.76	7.24	716	0.34	3.75	7.77	0.12	11.70	305
WV04-123 242206		1.12	<0.05	12	0.10	0.08	1.29	<0.01	1.25	237
WV04-123 242207		1.38	0.06	32	0.55	0.10	1.37	<0.01	0.71	642
WV04-123 242208		2.28	<0.05	6	0.03	0.01	0.04	0.01	0.09	39
WV04-123 242209		1.32	<0.05	<5	0.01	<0.01	0.01	<0.01	0.11	3
WV04-123 242210		4.90	1.12	166	0.55	1.35	12.10	0.20	26.5	290
WV04-123 242211		0.12	2.24	107	2.40	1.25	22.0	0.03	2.69	15
WV04-123 242212		1.14	0.87	192	0.94	1.19	11.80	0.22	26.1	249
WV04-123 242213		3.94	1.07	302	1.00	2.04	13.80	0.99	17.40	498
WV04-123 242214		1.22	1.32	278	2.57	0.96	19.40	0.14	15.10	1335
WV04-123 242215		1.18	0.50	121	3.11	0.22	2.11	0.03	4.37	496
WV04-123 242216		0.90	<0.05	8	0.05	0.05	0.24	0.01	0.80	141
WV04-123 242217		3.90	<0.05	16	0.13	0.11	0.54	<0.01	1.18	371
WV04-123 242218		1.96	0.28	52	1.38	0.09	1.58	0.01	7.33	392
WV04-123 242219		2.10	<0.05	<5	0.07	0.04	0.35	<0.01	1.26	136
WV04-123 242220		1.96	<0.05	8	0.03	0.06	0.49	<0.01	1.13	206

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

Finalized Date: 12-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04056286

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
WV04-123 242221		1.74	<0.05	6	0.03	0.01	0.53	<0.01	1.86	133
WV04-123 242222		5.76	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.08	6
WV04-123 242223		3.30	<0.05	<5	0.01	0.01	<0.01	<0.01	0.07	16
WV04-123 242224		1.90	<0.05	<5	0.05	0.11	1.28	<0.01	5.52	306
WV04-123 242225		3.54	<0.05	<5	<0.01	0.01	<0.01	<0.01	0.09	8
WV04-123 242226		5.62	<0.05	<5	<0.01	0.01	0.02	<0.01	0.41	15
WV04-123 242227		1.26	<0.05	23	0.08	0.02	0.20	0.01	2.85	58
WV04-123 242228		0.58	<0.05	5	0.01	0.01	0.08	<0.01	2.19	23
WV04-123 242229		0.12	2.17	83	2.36	1.22	21.0	0.02	2.95	19
WV04-123 242230		0.80	<0.05	<5	0.01	0.04	0.22	<0.01	2.36	67
WV04-123 242231		1.26	<0.05	<5	<0.01	0.01	0.06	<0.01	2.19	23
WV04-123 242232		1.94	<0.05	<5	0.01	0.01	0.12	<0.01	1.73	21
WV04-123 179869		1.88	1.00	201	0.95	1.20	10.55	0.24	26.3	261
WV04-123 179870		1.26	1.32	386	3.21	0.97	16.90	0.15	15.00	1265
WV04-123 179871		0.12	5.29	176	2.54	3.23	24.0	0.07	13.40	<2

with IO#

179869 : duplicate of sample 242212 of WV04-125

179870 : duplicate of sample 242214 of WV04-125

179871 : is standard #2

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

Finalized Date: 12-SEP-2004
Account: MPO

QC CERTIFICATE VA04056286

Project: Wolverine 1614

P.O. No.:

This report is for 55 Rock samples submitted to our lab in Vancouver, BC, Canada on 19-AUG-2004.

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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
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
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Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM

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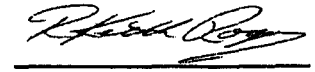
Signature: 

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Finalized Date: 12-SEP-2004
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Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04056286

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
STANDARDS									
BPL-04			677						
BPL-04			691						
BPL-04			675						
BPL-04		46.1							
BPL-04			648						
BPL-04			676						
BPL-04		46.0							
BPL-04			668						
BPL-04			677						
BPL-04		45.5							
Target Range - Lower Bound		43.8	630						
Upper Bound		50.6	736						
CCU-1c				25.0	0.35	4.05	0.01		
CCU-1c				24.7	0.36	4.06	0.01		
CCU-1c				24.7	0.36	3.86	0.01		
Target Range - Lower Bound				24.7	0.32	3.84			
Upper Bound				26.5	0.36	4.14			
CO-ASSAY				5.71		0.01	1.02		
CO-ASSAY				5.69		0.03	1.03		
CO-ASSAY				5.61		0.01	1.05		
CO-ASSAY				5.69		0.01	1.05		
CO-ASSAY				5.56		0.01	1.04		
CO-ASSAY				5.54		0.01	1.04		
Target Range - Lower Bound				5.49		<0.01	0.97		
Upper Bound				5.91		0.02	1.07		
CU-106				1.42	0.02	0.02	0.01		
CU-106				1.45	0.02	0.02	0.01		
CU-106				1.50	0.03	0.02	0.01		
Target Range - Lower Bound				1.37			<0.01		
Upper Bound				1.49			0.02		
G2000								0.68	
G2000								0.78	
Target Range - Lower Bound								0.68	
Upper Bound								0.81	

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QC CERTIFICATE OF ANALYSIS VA04056286

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
STANDARDS									
GXR-1									16
GXR-1									16
Target Range - Lower Bound									13
Upper Bound									21
GXR-4									7
GXR-4									8
Target Range - Lower Bound									3
Upper Bound									9
JWB-JV-1								1.13	
JWB-JV-1								1.10	
JWB-JV-1				0.85	0.45	0.96	0.05		
JWB-JV-1				0.86	0.45	0.95	0.05		
JWB-JV-1				0.84	0.45	0.93	0.05		
Target Range - Lower Bound				0.79	0.42	0.91	0.04	0.97	
Upper Bound				0.87	0.48	0.99	0.06	1.13	
OXM16		15.10							
OXM16		15.05							
OXM16		14.85							
Target Range - Lower Bound		14.05							
Upper Bound		16.25							
Pb-107				1.65	1.82	2.82	0.13		
Pb-107				1.65	1.76	2.86	0.12		
Pb-107				1.65	1.80	2.76	0.12		
Target Range - Lower Bound				1.54	1.75	2.69			
Upper Bound				1.68	1.89	2.91			
BLANKS									
BLANK			<5						
BLANK			<5						
BLANK			<5						
BLANK		<0.05							
BLANK									<2
BLANK									<2
BLANK								<0.01	
BLANK			<5						
BLANK			<5						
BLANK		<0.05							

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Finalized Date: 12-SEP-2004
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Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04056286

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
BLANKS									
BLANK			<5						
BLANK			<5						
BLANK								<0.01	
BLANK		<0.05							
BLANK				<0.01	<0.01	<0.01	<0.01		
BLANK				<0.01	<0.01	<0.01	<0.01		
BLANK				<0.01	<0.01	<0.01	<0.01		
Target Range - Lower Bound		<0.05	<5	<0.01	<0.01	<0.01	<0.01	<0.01	<2
Upper Bound		0.10	10	0.02	0.02	0.02	0.02	0.02	4
DUPLICATES									
WV04-122 242163			424						
DUP			440						
Target Range - Lower Bound			400						
Upper Bound			464						
WV04-122 242165		1.12							
DUP		1.24							
Target Range - Lower Bound		1.02							
Upper Bound		1.34							
WV04-122 242174				0.01	<0.01	0.03	<0.01		
DUP				0.01	<0.01	0.03	<0.01		
Target Range - Lower Bound				<0.01	<0.01	<0.01	<0.01		
Upper Bound				0.02	0.02	0.05	0.02		
WV04-122 179863								1.70	
DUP								1.87	
Target Range - Lower Bound								1.68	
Upper Bound								1.89	
WV04-123 242181		0.13							
DUP		0.13							
Target Range - Lower Bound		<0.05							
Upper Bound		0.24							

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Finalized Date: 12-SEP-2004
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QC CERTIFICATE OF ANALYSIS VA04056286

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
DUPLICATES									
WV04-123 242182			<5						
DUP			<5						
Target Range - Lower Bound			<5						
Upper Bound			10						
WV04-123 242190									101
DUP									106
Target Range - Lower Bound									94
Upper Bound									113
WV04-123 242200				<0.01	<0.01	0.03	<0.01		
DUP				<0.01	<0.01	0.04	<0.01		
Target Range - Lower Bound				<0.01	<0.01	<0.01	<0.01		
Upper Bound				0.02	0.02	0.06	0.02		
WV04-123 242207			32						
DUP			26						
Target Range - Lower Bound			18						
Upper Bound			40						
WV04-123 242211								2.69	
DUP								2.80	
Target Range - Lower Bound								2.59	
Upper Bound								2.90	
WV04-123 242225									8
DUP									9
Target Range - Lower Bound									4
Upper Bound									13
WV04-123 242230		<0.05							
DUP		<0.05							
Target Range - Lower Bound		≤0.05							
Upper Bound		0.10							
WV04-123 242232			<5	0.01	0.01	0.12	<0.01		
DUP			<5	0.01	<0.01	0.12	0.01		
Target Range - Lower Bound			<5	<0.01	<0.01	0.10	<0.01		
Upper Bound			10	0.02	0.02	0.14	0.02		

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QC CERTIFICATE OF ANALYSIS VA04056286

Sample Description	Method	Au-GRA21	Ag-GRA21	Cu-AA46	Pb-AA46	Zn-AA46	As-AA46	Hg-CV41	ME-XRF05
	Analyte	Au	Ag	Cu	Pb	Zn	As	Hg	Se
	Units	ppm	ppm	%	%	%	%	ppm	ppm
	LOR	0.05	5	0.01	0.01	0.01	0.01	0.01	2
DUPLICATES									
WV04-123 179870			386						
DUP			<5						
Target Range - Lower Bound			263						
Upper Bound			312						
WV04-123 179871		5.29							
DUP		5.00							
Target Range - Lower Bound		4.79							
Upper Bound		5.50							

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To: EXPATRIATE RESOURCES LTD.
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VANCOUVER BC V6C 2B3

Finalized Date: 22-OCT-2004
Account: MPO

CERTIFICATE VA04069527

Project: Wolverine 1614

P.O. No.:

This report is for 55 Pulp samples submitted to our lab in Vancouver, BC, Canada on 7-OCT-2004.

The following have access to data associated with this certificate:

JASON DUNNING	ACCOUNTS PAYABLE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-GRA08b	Specific Gravity for Pulps	WST-SIM

To: **EXPATRIATE RESOURCES LTD.**
ATTN: JASON DUNNING
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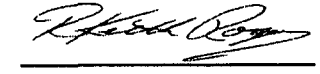
Signature: 

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Phone: 604 984 0221 Fax: 604 984 0218

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

Finalized Date: 22-OCT-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04069527

Sample Description	Method Analyte Units LOR	OA-GRA08b S.G. Unity 0.01
WV04-123 242202		2.74
WV04-123 242203		2.72
WV04-123 242204		2.72
WV04-123 242205		3.60
WV04-123 242206		2.95
WV04-123 242207		3.15
WV04-123 242208		2.85
WV04-123 242209		2.76
WV04-123 242210		4.36
WV04-123 242212		4.69
WV04-123 242213		4.63
WV04-123 242214		4.43
WV04-123 242215		3.22
WV04-123 242216		2.88
WV04-123 242217		2.90
WV04-123 242218		2.86
WV04-123 242219		2.68

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Finalized Date: 22-OCT-2004
Account: MPO

QC CERTIFICATE VA04069527

Project: Wolverine 1614

P.O. No.:

This report is for 55 Pulp samples submitted to our lab in Vancouver, BC, Canada on 7-OCT-2004.

The following have access to data associated with this certificate:

JASON DUNNING	ACCOUNTS PAYABLE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-GRA08b	Specific Gravity for Pulps	WST-SIM

To: **EXPATRIATE RESOURCES LTD.**
ATTN: JASON DUNNING
701-475 HOWE ST
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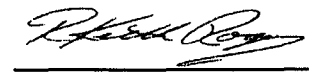
Signature: 

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Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04069527

Sample Description	Method / Analyte / Units / LOR	OA-GRA08b S.G. Unity 0.01
		STANDARDS
SILICA		2.64
SILICA		2.66
Target Range - Lower Bound		2.35
Upper Bound		2.89
		DUPLICATES
WV04-122 242094		2.76
DUP		2.75
Target Range - Lower Bound		2.60
Upper Bound		2.91
WV04-123 242216		2.88
DUP		2.86
Target Range - Lower Bound		2.71
Upper Bound		3.03

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QC CERTIFICATE VA04069527

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ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-GRA08b	Specific Gravity for Pulps	WST-SIM

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Finalized Date: 22-OCT-2004
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Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04069527

Sample Description	Method / Analyte / Units / LOR	OA-GRA08b S.G. Unity 0.01
		STANDARDS
SILICA		2.64
SILICA		2.66
Target Range - Lower Bound		2.35
Upper Bound		2.89
		DUPLICATES
WV04-122 242094		2.76
DUP		2.75
Target Range - Lower Bound		2.60
Upper Bound		2.91
WV04-123 242216		2.88
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Finalized Date: 15-SEP-2004
Account: MPO

CERTIFICATE VA04057547

Project: 1614

P.O. No.:

This report is for 32 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 26-AUG-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	JASON DUNNING	ACCOUNTS PAYABLE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp 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
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM

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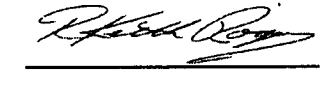
Signature: 

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Finalized Date: 15-SEP-2004
Account: MPO

Project: 1614

CERTIFICATE OF ANALYSIS VA04057547

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
179601		1.34	0.06	<5	0.02	0.01	0.07	<0.01	0.07	6
179602		0.12	2.46	90	2.34	1.21	20.4	0.02	1.74	17
179603		0.82	<0.05	<5	0.01	0.01	0.04	<0.01	0.03	2
179604		1.34	<0.05	<5	0.01	0.02	0.03	<0.01	0.04	11
179605		0.48	<0.05	<5	0.01	<0.01	0.02	<0.01	0.04	11
179606		1.18	0.10	55	0.06	0.13	1.46	0.04	51.0	53
179607		0.70	0.13	28	0.18	0.08	2.15	<0.01	3.96	161
179608		0.52	0.95	122	0.62	0.02	0.18	<0.01	1.64	53
179609		0.28	0.39	95	1.34	0.09	1.80	<0.01	8.61	159
179610		0.46	1.09	204	0.68	0.39	6.61	0.10	25.0	242
179611		2.34	5.12	727	1.48	1.93	16.45	0.46	79.2	252
179612		2.12	<0.05	78	0.54	0.06	0.50	<0.01	1.91	228
179613		1.36	5.76	1200	0.41	7.25	21.0	0.80	83.4	89
179614		1.28	6.24	653	0.50	1.64	6.75	0.32	29.0	131
179615		3.16	7.58	1500	0.26	3.89	14.60	0.36	<0.01	139
179616		3.02	7.74	948	1.20	0.96	3.53	0.12	14.90	144
179617		0.90	3.68	713	0.31	2.31	20.1	0.26	54.7	166
179618		0.96	2.27	316	0.24	0.96	7.53	0.15	9.18	881
179619		0.52	0.10	68	0.07	0.13	6.59	<0.01	3.73	657
179620		1.52	0.06	6	0.03	0.01	0.16	<0.01	0.27	68
179621		0.44	2.99	34	0.70	<0.01	0.08	<0.01	0.26	76
179622		0.12	4.49	196	2.63	3.29	24.5	0.07	10.55	10
179623		2.76	<0.05	11	0.43	0.02	0.31	<0.01	0.23	140
179624		1.88	<0.05	<5	0.46	0.01	0.06	<0.01	0.07	74
179625		2.10	<0.05	11	1.60	0.03	0.19	0.01	0.23	230
179626		0.44	<0.05	<5	0.04	0.10	0.16	0.01	0.01	18
179627		0.66	0.36	55	2.93	0.02	0.14	<0.01	0.31	668
179628		2.04	<0.05	5	0.39	0.01	0.05	0.01	0.07	164
179629		2.66	<0.05	5	0.36	0.02	0.05	0.01	0.08	102
179630		2.08	<0.05	6	0.96	<0.01	0.09	<0.01	0.06	268
179631		0.76	<0.05	<5	0.01	0.01	<0.01	<0.01	0.01	3
179632		0.44	20.9	185	3.63	0.01	0.19	<0.01	1.59	305

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

Finalized Date: 15-SEP-2004
Account: MPO

QC CERTIFICATE VA04057547

Project: 1614

P.O. No.:

This report is for 32 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 26-AUG-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	JASON DUNNING	ACCOUNTS PAYABLE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp 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
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM

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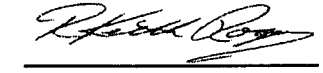
Signature: 

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QC CERTIFICATE OF ANALYSIS VA04057547

Sample Description	Method	Au-GRA21	Ag-GRA21	Cu-AA46	Pb-AA46	Zn-AA46	As-AA46	Hg-CV41	ME-XRF05
	Analyte	Au	Ag	Cu	Pb	Zn	As	Hg	Se
	Units	ppm	ppm	%	%	%	%	ppm	ppm
	LOR	0.05	5	0.01	0.01	0.01	0.01	0.01	2
STANDARDS									
BPL-04			694						
BPL-04			694						
BPL-04		47.5							
BPL-04			689						
BPL-04			671						
BPL-04		47.1							
Target Range - Lower Bound		43.8	630						
Upper Bound		50.6	736						
CCU-1c				24.7	0.36	3.86	0.01		
CCU-1c				25.5	0.36	4.03	0.01		
CCU-1c						3.88			
Target Range - Lower Bound				24.7	0.32	3.84			
Upper Bound				26.5	0.36	4.14			
CO-ASSAY				5.56		0.01	1.04		
CO-ASSAY				5.54		0.01	1.04		
CO-ASSAY				5.82		0.01	1.02		
CO-ASSAY				5.87		0.01	1.02		
CO-ASSAY				5.78					
Target Range - Lower Bound				5.49		<0.01	0.97		
Upper Bound				5.91		0.02	1.07		
CU-106				1.50	0.03	0.02	0.01		
CU-106				1.45	0.02	0.02	0.01		
CU-106				1.46					
Target Range - Lower Bound				1.37			<0.01		
Upper Bound				1.49			0.02		
G2000								0.78	
G2000								0.69	
Target Range - Lower Bound								0.68	
Upper Bound								0.81	
GXR-1									16
GXR-1									16
Target Range - Lower Bound									13
Upper Bound									21

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QC CERTIFICATE OF ANALYSIS VA04057547

Sample Description	Method	Au-GRA21	Ag-GRA21	Cu-AA46	Pb-AA46	Zn-AA46	As-AA46	Hg-CV41	ME-XRF05
	Analyte	Au	Ag	Cu	Pb	Zn	As	Hg	Se
	Units	ppm	ppm	%	%	%	%	ppm	ppm
	LOR	0.05	5	0.01	0.01	0.01	0.01	0.01	2
STANDARDS									
GXR-4									7
GXR-4									7
Target Range - Lower Bound									3
Upper Bound									9
JWB-JV-1								1.10	
JWB-JV-1								1.10	
JWB-JV-1				0.84	0.45	0.93	0.05		
JWB-JV-1				0.85	0.44	0.94	0.05		
JWB-JV-1						0.94			
Target Range - Lower Bound				0.79	0.42	0.91	0.04	0.97	
Upper Bound				0.87	0.48	0.99	0.06	1.13	
OXM16		14.90							
OXM16		14.80							
Target Range - Lower Bound		14.05							
Upper Bound		16.25							
Pb-107				1.65	1.80	2.76	0.12		
Pb-107				1.66	1.79	2.79	0.13		
Target Range - Lower Bound				1.54	1.75	2.69			
Upper Bound				1.68	1.89	2.91			
BLANKS									
BLANK									<2
BLANK									<2
BLANK								<0.01	
BLANK								<0.01	
BLANK			<5						
BLANK			<5						
BLANK		<0.05							
BLANK				<0.01	<0.01	<0.01	<0.01		
BLANK				<0.01	<0.01	<0.01	<0.01		
BLANK			<5						
BLANK			<5						
BLANK		<0.05							
BLANK				<0.01					
BLANK						<0.01			
Target Range - Lower Bound		<0.05	<5	<0.01	<0.01	<0.01	<0.01	<0.01	<2
Upper Bound		0.10	10	0.02	0.02	0.02	0.02	0.02	4

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QC CERTIFICATE OF ANALYSIS VA04057547

Sample Description	Method	Au-GRA21	Ag-GRA21	Cu-AA46	Pb-AA46	Zn-AA46	As-AA46	Hg-CV41	ME-XRF05
	Analyte	Au	Ag	Cu	Pb	Zn	As	Hg	Se
	Units	ppm	ppm	%	%	%	%	ppm	ppm
	LOR	0.05	5	0.01	0.01	0.01	0.01	0.01	2
DUPLICATES									
ORIGINAL								1.24	
DUP								1.30	
Target Range - Lower Bound								1.19	
Upper Bound								1.35	
WV04-123 242232				0.01	0.01	0.12	<0.01		
DUP				0.01	<0.01	0.12	0.01		
Target Range - Lower Bound				<0.01	<0.01	0.10	<0.01		
Upper Bound				0.02	0.02	0.14	0.02		
M243005								<0.01	<2
DUP								<0.01	<2
Target Range - Lower Bound								<0.01	<2
Upper Bound								0.02	4
179610			204						
DUP			178						
Target Range - Lower Bound			171						
Upper Bound			211						
179621			34						
DUP			32						
Target Range - Lower Bound			21						
Upper Bound			45						
179622		4.49	196						
DUP		4.28	190						
Target Range - Lower Bound		4.07	173						
Upper Bound		4.70	213						
179626				0.04					
DUP				0.05					
Target Range - Lower Bound				0.02					
Upper Bound				0.07					
179629				0.36	0.02	0.05	0.01		
DUP				0.38	0.02	0.08	<0.01		
Target Range - Lower Bound				0.34	<0.01	0.04	<0.01		
Upper Bound				0.40	0.04	0.09	0.02		

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QC CERTIFICATE OF ANALYSIS VA04057547

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
DUPLICATES									
179630		<0.05							
DUP		<0.05							
Target Range - Lower Bound		<0.05							
Upper Bound		0.10							
179631						<0.01			
DUP						<0.01			
Target Range - Lower Bound						<0.01			
Upper Bound						0.02			
179632									305
DUP									310
Target Range - Lower Bound									288
Upper Bound									327
242253			<5						
DUP			<5						
Target Range - Lower Bound			<5						
Upper Bound			10						

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ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
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LOG-24	Pulp 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
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Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM

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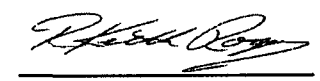
Signature: 

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Phone: 604 984 0221 Fax: 604 984 0218

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

Finalized Date: 15-SEP-2004
Account: MPO

Project: 1614

QC CERTIFICATE OF ANALYSIS VA04057547

Sample Description	Method	Au-GRA21	Ag-GRA21	Cu-AA46	Pb-AA46	Zn-AA46	As-AA46	Hg-CV41	ME-XRF05
	Analyte	Au	Ag	Cu	Pb	Zn	As	Hg	Se
	Units	ppm	ppm	%	%	%	%	ppm	ppm
	LOR	0.05	5	0.01	0.01	0.01	0.01	0.01	2
STANDARDS									
BPL-04			694						
BPL-04			694						
BPL-04		47.5							
BPL-04			689						
BPL-04			671						
BPL-04		47.1							
Target Range - Lower Bound		43.8	630						
Upper Bound		50.6	736						
CCU-1c				24.7	0.36	3.86	0.01		
CCU-1c				25.5	0.36	4.03	0.01		
CCU-1c						3.88			
Target Range - Lower Bound				24.7	0.32	3.84			
Upper Bound				26.5	0.36	4.14			
CO-ASSAY				5.56		0.01	1.04		
CO-ASSAY				5.54		0.01	1.04		
CO-ASSAY				5.82		0.01	1.02		
CO-ASSAY				5.87		0.01	1.02		
CO-ASSAY				5.78					
Target Range - Lower Bound				5.49		<0.01	0.97		
Upper Bound				5.91		0.02	1.07		
CU-106				1.50	0.03	0.02	0.01		
CU-106				1.45	0.02	0.02	0.01		
CU-106				1.46					
Target Range - Lower Bound				1.37			<0.01		
Upper Bound				1.49			0.02		
G2000								0.78	
G2000								0.69	
Target Range - Lower Bound								0.68	
Upper Bound								0.81	
GXR-1									16
GXR-1									16
Target Range - Lower Bound									13
Upper Bound									21

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QC CERTIFICATE OF ANALYSIS VA04057547

Sample Description	Method	Au-GRA21	Ag-GRA21	Cu-AA46	Pb-AA46	Zn-AA46	As-AA46	Hg-CV41	ME-XRF05
	Analyte	Au	Ag	Cu	Pb	Zn	As	Hg	Se
	Units	ppm	ppm	%	%	%	%	ppm	ppm
	LOR	0.05	5	0.01	0.01	0.01	0.01	0.01	2
STANDARDS									
GXR-4									7
GXR-4									7
Target Range - Lower Bound									3
Upper Bound									9
JWB-JV-1								1.10	
JWB-JV-1								1.10	
JWB-JV-1				0.84	0.45	0.93	0.05		
JWB-JV-1				0.85	0.44	0.94	0.05		
JWB-JV-1						0.94			
Target Range - Lower Bound				0.79	0.42	0.91	0.04	0.97	
Upper Bound				0.87	0.48	0.99	0.06	1.13	
OXM16		14.90							
OXM16		14.80							
Target Range - Lower Bound		14.05							
Upper Bound		16.25							
Pb-107				1.65	1.80	2.76	0.12		
Pb-107				1.66	1.79	2.79	0.13		
Target Range - Lower Bound				1.54	1.75	2.69			
Upper Bound				1.68	1.89	2.91			
BLANKS									
BLANK									<2
BLANK									<2
BLANK								<0.01	
BLANK								<0.01	
BLANK			<5						
BLANK			<5						
BLANK		<0.05							
BLANK				<0.01	<0.01	<0.01	<0.01		
BLANK				<0.01	<0.01	<0.01	<0.01		
BLANK			<5						
BLANK			<5						
BLANK		<0.05							
BLANK				<0.01					
BLANK						<0.01			
Target Range - Lower Bound		<0.05	<5	<0.01	<0.01	<0.01	<0.01	<0.01	<2
Upper Bound		0.10	10	0.02	0.02	0.02	0.02	0.02	4

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Account: MPO

Project: 1614

QC CERTIFICATE OF ANALYSIS VA04057547

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
DUPLICATES									
ORIGINAL								1.24	
DUP								1.30	
Target Range - Lower Bound								1.19	
Upper Bound								1.35	
WV04-123 242232				0.01	0.01	0.12	<0.01		
DUP				0.01	<0.01	0.12	0.01		
Target Range - Lower Bound				<0.01	<0.01	0.10	<0.01		
Upper Bound				0.02	0.02	0.14	0.02		
M243005								<0.01	<2
DUP								<0.01	<2
Target Range - Lower Bound								<0.01	<2
Upper Bound								0.02	4
179610			204						
DUP			178						
Target Range - Lower Bound			17.1						
Upper Bound			211						
179621			34						
DUP			32						
Target Range - Lower Bound			21						
Upper Bound			45						
179622		4.49	196						
DUP		4.28	190						
Target Range - Lower Bound		4.07	173						
Upper Bound		4.70	213						
179626				0.04					
DUP				0.05					
Target Range - Lower Bound				0.02					
Upper Bound				0.07					
179629				0.36	0.02	0.05	0.01		
DUP				0.38	0.02	0.08	<0.01		
Target Range - Lower Bound				0.34	<0.01	0.04	<0.01		
Upper Bound				0.40	0.04	0.09	0.02		

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Finalized Date: 15-SEP-2004
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Project: 1614

QC CERTIFICATE OF ANALYSIS VA04057547

Sample Description	Method	Au-GRA21	Ag-GRA21	Cu-AA46	Pb-AA46	Zn-AA46	As-AA46	Hg-CV41	ME-XRF05
	Analyte	Au	Ag	Cu	Pb	Zn	As	Hg	Se
	Units	ppm	ppm	%	%	%	%	ppm	ppm
	LOR	0.05	5	0.01	0.01	0.01	0.01	0.01	2
DUPLICATES									
179630		<0.05							
DUP		<0.05							
Target Range - Lower Bound		<0.05							
Upper Bound		0.10							
179631						<0.01			
DUP						<0.01			
Target Range - Lower Bound						<0.01			
Upper Bound						0.02			
179632									305
DUP									310
Target Range - Lower Bound									288
Upper Bound									327
242253			<5						
DUP			<5						
Target Range - Lower Bound			<5						
Upper Bound			10						

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VANCOUVER BC V6C 2B3

Finalized Date: 22-OCT-2004
Account: MPO

CERTIFICATE VA04069528

Project: Wolverine 1614

P.O. No.:

This report is for 32 Pulp samples submitted to our lab in Vancouver, BC, Canada on 7-OCT-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	JASON DUNNING	ACCOUNTS PAYABLE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-GRA08b	Specific Gravity for Pulps	WST-SIM

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

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 22-OCT-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04069528

Sample Description	Method Analyte Units LOR	OA-GRA08b S.G. Unity 0.01
179605		2.71
179606		2.93
179607		3.15
179608		2.67
179609		3.14
179610		3.27
179611		3.77
179612		2.90
179613		4.19
179614		3.54
179615		4.25
179616		3.14
179617		3.83
179618		3.93
179619		3.07
179620		2.85
179621		2.74

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ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-GRA08b	Specific Gravity for Pulps	WST-SIM

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Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04069528

Sample Description	Method / Analyte / Units / LOR	OA-GRA08b S.G. Unity 0.01
		STANDARDS
SILICA		2.66
Target Range - Lower Bound		2.35
Upper Bound		2.89
		DUPLICATES
WV04-123 242216		2.88
DUP		2.86
Target Range - Lower Bound		2.71
Upper Bound		3.03

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Finalized Date: 22-OCT-2004
Account: MPO

CERTIFICATE VA04069529

Project: Wolverine 1614

P.O. No.:

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SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-GRA08b	Specific Gravity for Pulps	WST-SIM

To: **EXPATRIATE RESOURCES LTD.**
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Finalized Date: 22-OCT-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04069529

Sample Description	Method Analyte Units LOR	OA-GRA08b S.G. Unity 0.01
242261		2.79
242262		2.83
242263		3.82
242264		3.30
242265		2.91
242267		4.08
242268		4.43
242269		4.20
242270		3.74
242271		4.13
242273		3.51
242274		3.05
242276		2.74
242278		2.78
242279		2.86

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QC CERTIFICATE VA04069529

Project: Wolverine 1614

P.O. No.:

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SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-GRA08b	Specific Gravity for Pulps	WST-SIM

To: **EXPATRIATE RESOURCES LTD.**
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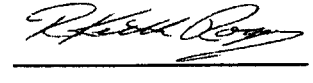
Signature: 

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Finalized Date: 22-OCT-2004
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Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04069529

Sample Description	Method Analyte Units LOR	OA-GRA08b S.G. Unity 0.01
		STANDARDS
SILICA		2.66
SILICA		2.73
Target Range - Lower Bound		2.35
Upper Bound		2.89
		DUPLICATES
WV04-123 242216		2.88
DUP		2.86
Target Range - Lower Bound		2.71
Upper Bound		3.03
242279		2.86
DUP		2.81
Target Range - Lower Bound		2.67
Upper Bound		3.00

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Finalized Date: 27-SEP-2004
Account: MPO

CERTIFICATE VA04062243

Project: Wolverine 1614

P.O. No.:

This report is for 50 Drill Core 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
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS

To: **EXPATRIATE RESOURCES LTD.**
ATTN: JASON DUNNING
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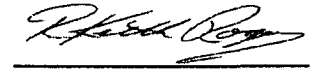
Signature: 

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Finalized Date: 27-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04062243

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
242296		0.60	<0.05	<5	0.06	0.01	0.04	<0.01	0.22	4
242297		1.08	<0.05	<5	0.01	<0.01	0.06	<0.01	0.45	3
242298		1.12	<0.05	<5	0.01	<0.01	0.01	<0.01	0.12	6
242299		1.26	<0.05	6	<0.01	<0.01	0.01	<0.01	0.13	3
242300		1.34	0.07	<5	<0.01	<0.01	0.01	<0.01	0.12	4
242401		1.52	<0.05	<5	<0.01	0.01	0.02	<0.01	0.35	7
242402		0.78	<0.05	<5	0.01	0.01	0.03	<0.01	0.46	14
242403		1.92	0.19	<5	0.31	<0.01	0.14	<0.01	0.58	83
242404		2.28	0.10	<5	0.50	0.02	0.23	<0.01	0.74	161
242405		1.78	0.06	6	0.26	0.01	0.72	0.03	2.06	199
242406		1.64	<0.05	<5	0.05	<0.01	0.03	0.01	0.25	46
242407		1.76	0.06	<5	0.02	<0.01	0.02	0.18	0.09	27
242408		2.46	0.23	12	0.05	<0.01	0.10	0.07	1.13	39
242409		1.20	0.54	23	0.08	0.07	1.93	0.04	24.7	143
242410		1.32	1.62	162	0.13	1.61	2.82	0.06	30.1	401
242411		0.54	0.49	22	0.22	0.03	12.40	0.06	>100	543
242412		2.24	0.16	9	0.06	0.03	1.00	0.01	7.83	119
242413		2.48	<0.05	<5	0.05	0.01	0.47	<0.01	2.01	61
242414		2.48	3.12	264	1.78	<0.01	0.31	0.04	2.28	140
242415		2.40	0.71	41	1.52	0.04	0.97	0.01	2.47	432
242416		2.62	<0.05	<5	0.04	0.01	0.08	<0.01	0.20	30
242417		2.18	<0.05	<5	0.06	0.04	0.11	0.01	0.15	22
242418		2.90	<0.05	<5	0.02	0.02	0.09	<0.01	0.09	20
242419		0.42	<0.05	<5	0.01	0.02	0.04	<0.01	0.05	35
242420		2.04	<0.05	<5	<0.01	0.01	0.03	0.01	0.04	12
242421		0.34	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.04	2
242422		1.36	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.03	12
242423		1.18	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.02	<2
242424		1.42	<0.05	<5	0.03	<0.01	0.02	<0.01	0.05	7
242425		0.44	<0.05	16	4.34	0.01	0.07	<0.01	0.24	618
242426		2.40	<0.05	<5	0.05	0.04	0.03	0.01	0.04	144
242427		0.50	<0.05	<5	0.02	<0.01	0.02	0.01	0.05	4
242428		0.34	<0.05	<5	<0.01	<0.01	<0.01	<0.01	0.02	<2
242429		0.80	<0.05	<5	0.01	<0.01	0.02	<0.01	0.02	<2
242430		0.48	<0.05	<5	0.04	<0.01	0.01	0.02	0.04	10
242431		1.30	<0.05	<5	0.02	<0.01	0.02	0.01	0.03	6
242432		1.38	<0.05	<5	0.02	<0.01	0.02	<0.01	0.04	<2
242433		1.36	0.07	<5	0.11	<0.01	<0.01	<0.01	0.07	13
242434		1.82	<0.05	<5	0.18	<0.01	0.02	<0.01	0.06	31
242435		2.26	0.07	<5	0.01	<0.01	0.02	0.05	0.02	7

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Finalized Date: 27-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04062243

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
242436		0.22	1.69	68	2.30	1.22	20.5	0.02	2.32	19
242437		2.18	<0.05	<5	0.14	<0.01	0.03	<0.01	0.07	12
242438		0.24	4.95	170	2.46	3.24	23.1	0.07	11.30	<2
242439		2.64	<0.05	<5	0.56	0.01	0.06	<0.01	0.11	52
242440		0.84	<0.05	<5	0.38	0.01	0.07	<0.01	0.18	40
242441		1.36	<0.05	<5	0.27	<0.01	0.03	<0.01	0.08	40
242442		1.32	<0.05	<5	0.01	<0.01	0.03	<0.01	0.03	7
242443		0.94	<0.05	<5	0.04	<0.01	0.02	<0.01	0.04	17
242444		1.88	<0.05	11	0.01	0.35	0.56	<0.01	0.61	47
242445		2.70	<0.05	12	0.01	0.13	0.16	0.02	0.20	21

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Finalized Date: 27-SEP-2004
Account: MPO

QC CERTIFICATE VA04062243

Project: Wolverine 1614

P.O. No.:

This report is for 50 Drill Core 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
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS

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:

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Finalized Date: 27-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04062243

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
STANDARDS									
BPL-04			671						
BPL-04			670						
BPL-04		49.8							
BPL-04			658						
BPL-04			667						
BPL-04		48.4							
BPL-04			670						
BPL-04			654						
BPL-04			640						
BPL-04		49.2							
BPL-04		48.9							
BPL-04		44.0							
Target Range - Lower Bound		43.8	630						
Upper Bound		50.6	736						
CCU-1c				25.5	0.34	3.96	<0.01		
CCU-1c				25.3	0.35	4.04	0.01		
CCU-1c						4.08			
Target Range - Lower Bound				24.7	0.32	3.84			
Upper Bound				26.5	0.36	4.14			
CO-ASSAY				5.54	0.01	0.01	1.05		
CO-ASSAY				5.72	<0.01	0.01	1.00		
CO-ASSAY				5.60	<0.01	<0.01	1.03		
CO-ASSAY				5.68	0.01	0.01	1.03		
Target Range - Lower Bound				5.49	0.03	<0.01	0.97		
Upper Bound				5.91	0.05	0.02	1.07		
CU-106				1.47	0.02	0.02	0.01		
CU-106				1.41	0.02	0.02	0.01		
Target Range - Lower Bound				1.37			<0.01		
Upper Bound				1.49			0.02		
G2000								0.71	
G2000								0.75	
G2000								0.77	
Target Range - Lower Bound								0.68	
Upper Bound								0.81	

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Finalized Date: 27-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04062243

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
STANDARDS									
GXR-1									16
GXR-1									16
GXR-1									16
GXR-1									17
Target Range - Lower Bound									13
Upper Bound									21
JWB-JV-1								1.08	
JWB-JV-1								0.96	
JWB-JV-1								1.03	
JWB-JV-1				0.84	0.43	0.95	0.05		
JWB-JV-1				0.82	0.45	0.94	0.05		
JWB-JV-1						0.94			
Target Range - Lower Bound				0.79	0.42	0.91	0.04	0.97	
Upper Bound				0.87	0.48	0.99	0.06	1.13	
OXM16		15.20							
OXM16		15.10							
OXM16		14.35							
OXM16		14.70							
OXM16		15.05							
Target Range - Lower Bound		14.05							
Upper Bound		16.25							
Pb-107				1.66	1.81	2.82	0.13		
Pb-107				1.67	1.87	2.83	0.12		
Target Range - Lower Bound				1.54	1.75	2.69			
Upper Bound				1.68	1.89	2.91			
SP17		17.30							
Target Range - Lower Bound		16.80							
Upper Bound		19.45							

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Finalized Date: 27-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04062243

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
BLANKS									
BLANK			<5						
BLANK								<0.01	
BLANK								<0.01	
BLANK								<0.01	
BLANK			<5						
BLANK				<0.01	<0.01	<0.01	<0.01		
BLANK				<0.01	<0.01	<0.01	<0.01		
BLANK									<2
BLANK									<2
BLANK		<0.05							
BLANK			<5						
BLANK			<5						
BLANK						<0.01			
BLANK		<0.05							
BLANK			<5						
BLANK			<5						
BLANK			<5						
BLANK		<0.05							
BLANK		<0.05							
BLANK		<0.05							
Target Range - Lower Bound		<0.05	<5	<0.01	<0.01	<0.01	<0.01	<0.01	<2
Upper Bound		0.10	10	0.02	0.02	0.02	0.02	0.02	4
DUPLICATES									
ORIGINAL			117						
DUP			119						
Target Range - Lower Bound			102						
Upper Bound			134						
ORIGINAL		7.93							
DUP		8.37							
Target Range - Lower Bound		7.64							
Upper Bound		8.66							

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Finalized Date: 27-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04062243

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
DUPLICATES									
242296		<0.05							
DUP		<0.05							
Target Range - Lower Bound		≤0.05							
Upper Bound		0.10							
242298			<5						
DUP			5						
Target Range - Lower Bound			≤5						
Upper Bound			10						
242299			6						
DUP			<5						
Target Range - Lower Bound			≤5						
Upper Bound			10						
242405		0.06		0.26	0.01	0.72	0.03		199
DUP		<0.05		0.26	0.01	0.72	0.03		200
Target Range - Lower Bound		≤0.05		0.23	≤0.01	0.68	≤0.01		186
Upper Bound		0.10		0.29	0.02	0.76	0.05		213
242406			<5						
DUP			<5						
Target Range - Lower Bound			≤5						
Upper Bound			10						
242409								24.7	
DUP								24.5	
Target Range - Lower Bound								23.4	
Upper Bound								25.9	
242425		<0.05							
DUP		0.07							
Target Range - Lower Bound		≤0.05							
Upper Bound		0.10							
242431			<5						
DUP			10						
Target Range - Lower Bound			≤5						
Upper Bound			10						

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Finalized Date: 27-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04062243

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
DUPLICATES									
242437				0.14	<0.01	0.03	<0.01		
DUP				0.13	<0.01	0.02	<0.01		
Target Range - Lower Bound				0.11	<0.01	<0.01	<0.01		
Upper Bound				0.16	0.02	0.04	0.02		
242438		4.95	170						
DUP		4.68	170						
Target Range - Lower Bound		4.35	162						
Upper Bound		5.02	200						
242440									40
DUP									38
Target Range - Lower Bound									33
Upper Bound									45
242445		<0.05						0.20	
DUP		<0.05						0.19	
Target Range - Lower Bound		<0.05						0.17	
Upper Bound		0.10						0.22	
ORIGINAL								0.06	
DUP								0.06	
Target Range - Lower Bound								0.04	
Upper Bound								0.08	

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To: EXPATRIATE RESOURCES LTD.
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Finalized Date: 29-SEP-2004
Account: MPO

CERTIFICATE VA04063670

Project: Wolverine 1614

P.O. No.:

This report is for 55 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 17-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
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS

To: **EXPATRIATE RESOURCES LTD.**
ATTN: JASON DUNNING
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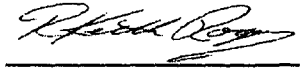
Signature: 

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Finalized Date: 29-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04063670

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
242446		2.22	<0.05	<5	0.01	0.01	0.02	<0.01	0.07	<2
242447		0.72	<0.05	<5	<0.01	0.01	<0.01	<0.01	0.03	<2
242448		1.20	<0.05	<5	<0.01	0.01	0.03	<0.01	0.15	<2
242449		2.54	<0.05	<5	<0.01	0.01	0.03	<0.01	0.16	3
242450		2.46	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.05	<2
242451		1.24	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.01	<2
242452		0.86	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.02	3
242453		2.32	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.01	<2
242454		2.66	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.03	<2
242455		2.14	<0.05	<5	<0.01	<0.01	<0.01	<0.01	0.02	<2
242456		2.76	<0.05	<5	<0.01	<0.01	<0.01	<0.01	<0.01	<2
242457		2.32	<0.05	<5	<0.01	<0.01	0.01	<0.01	<0.01	<2
242458		2.28	<0.05	<5	<0.01	<0.01	0.01	<0.01	<0.01	<2
242459		2.26	<0.05	<5	<0.01	0.01	0.03	<0.01	0.02	<2
242460		2.76	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.03	<2
242461		2.44	<0.05	<5	<0.01	0.01	0.05	<0.01	0.21	2
242462		0.80	<0.05	<5	<0.01	0.01	0.07	0.01	0.24	6
242463		0.64	<0.05	<5	<0.01	0.01	0.01	<0.01	0.04	3
242464		1.06	<0.05	<5	<0.01	0.01	0.04	<0.01	0.17	3
242465		1.20	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.13	<2
242466		1.14	<0.05	<5	<0.01	0.01	0.09	<0.01	0.62	9
242467		1.16	<0.05	<5	<0.01	0.01	0.06	0.01	0.94	7
242468		1.68	<0.05	6	0.01	0.03	0.21	0.01	1.10	17
242469		1.56	0.78	104	0.10	0.53	2.94	0.02	5.59	66
242470		0.22	2.03	89	2.40	1.25	22.9	0.02	1.11	19
242471		2.26	1.71	346	0.39	1.61	16.25	0.17	17.15	432
242472		1.46	<0.05	<5	0.02	0.04	0.37	<0.01	1.25	24
242473		0.58	1.53	150	0.63	0.50	9.24	0.06	17.80	392
242474		0.52	0.44	39	0.29	0.06	1.10	<0.01	2.66	61
242475		4.00	1.84	271	0.65	1.70	16.75	0.18	22.2	494
242476		1.90	1.90	154	0.82	0.38	21.0	0.07	18.75	740
242477		2.40	2.60	422	0.70	1.39	12.15	0.42	17.00	556
242478		0.88	0.81	118	0.43	0.27	2.86	0.09	2.32	521
242479		1.82	1.65	259	0.69	0.69	10.45	0.03	3.48	1365
242480		0.68	3.71	24	0.23	0.05	2.59	<0.01	1.36	417
242481		0.22	2.44	74	2.35	1.22	21.7	0.02	1.03	18
242482		2.90	<0.05	<5	0.01	<0.01	0.05	<0.01	0.07	9
242483		1.12	<0.05	<5	<0.01	<0.01	0.04	<0.01	0.08	17
242484		1.80	<0.05	<5	<0.01	<0.01	0.02	<0.01	0.03	6
242485		2.84	<0.05	<5	<0.01	0.01	0.01	<0.01	0.01	26

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 29-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04063670

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
242486		2.34	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.02	15
242487		0.66	<0.05	<5	<0.01	0.03	0.01	<0.01	0.01	57
242488		0.96	<0.05	<5	<0.01	0.03	0.01	<0.01	0.01	79
242489		2.26	<0.05	<5	<0.01	0.03	0.02	<0.01	0.03	42
242490		2.18	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.01	12
242491		2.52	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.01	17
242492		1.66	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.01	8
242493		1.68	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.02	11
242494		2.68	<0.05	<5	<0.01	0.01	0.01	<0.01	0.02	37
242495		1.72	<0.05	<5	0.01	<0.01	0.02	<0.01	0.03	21
242496		0.70	<0.05	<5	0.01	0.01	0.03	<0.01	0.01	10
242497		2.58	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.02	20
242498		2.36	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.01	10
242499		2.70	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.01	10
242500		0.78	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.01	13

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

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

Finalized Date: 29-SEP-2004
Account: MPO

QC CERTIFICATE VA04063670

Project: Wolverine 1614

P.O. No.:

This report is for 55 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 17-SEP-2004.

The following have access to data associated with this certificate:

JASON DUNNING	ACCOUNTS PAYABLE	

SAMPLE PREPARATION

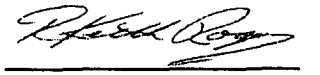
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Cu-AA46	Ore grade Cu - 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: 

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To: EXPATRIATE RESOURCES LTD.
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Finalized Date: 29-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04063670

Sample Description	Method	Au-GRA21	Ag-GRA21	Cu-AA46	Pb-AA46	Zn-AA46	As-AA46	Hg-CV41	ME-XRF05
	Analyte	Au	Ag	Cu	Pb	Zn	As	Hg	Se
	Units	ppm	ppm	%	%	%	%	ppm	ppm
	LOR	0.05	5	0.01	0.01	0.01	0.01	0.01	2
STANDARDS									
BPL-04			680						
BPL-04			659						
BPL-04			672						
BPL-04		48.7							
BPL-04			680						
BPL-04			653						
BPL-04		45.0							
Target Range - Lower Bound		43.8	630						
Upper Bound		50.6	736						
CCU-1c				25.1	0.35	4.02	<0.01		
CCU-1c				24.5	0.36	3.99	<0.01		
Target Range - Lower Bound				24.7	0.32	3.84			
Upper Bound				26.5	0.36	4.14			
CO-ASSAY				5.78		0.01	1.04		
CO-ASSAY				5.86		0.01	1.01		
CO-ASSAY				5.63	0.01	0.01	1.01		
CO-ASSAY				5.73	<0.01	0.01	1.04		
Target Range - Lower Bound				5.49	0.03	<0.01	0.97		
Upper Bound				5.91	0.05	0.02	1.07		
CU-106				1.45	0.02	0.02	0.01		
CU-106				1.46	0.03	0.02	0.01		
Target Range - Lower Bound				1.37			<0.01		
Upper Bound				1.49			0.02		
G2000								0.78	
G2000								0.68	
Target Range - Lower Bound								0.68	
Upper Bound								0.81	
GXR-1									15
GXR-1									16
GXR-1									16
GXR-1									17
Target Range - Lower Bound									13
Upper Bound									21

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Finalized Date: 29-SEP-2004
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Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04063670

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
STANDARDS									
JWB-JV-1								1.05	
JWB-JV-1								1.07	
JWB-JV-1				0.84	0.45	0.94	0.05		
Target Range - Lower Bound				0.79	0.42	0.91	0.04	0.97	
Upper Bound				0.87	0.48	0.99	0.06	1.13	
OXM16		14.55							
OXM16		14.95							
Target Range - Lower Bound		14.05							
Upper Bound		16.25							
Pb-107				1.64	1.79	2.85	0.12		
Pb-107				1.57	1.73	2.81	0.12		
Target Range - Lower Bound				1.54	1.75	2.69			
Upper Bound				1.68	1.89	2.91			
BLANKS									
BLANK								<0.01	
BLANK								<0.01	
BLANK									<2
BLANK									<2
BLANK			<5						
BLANK			<5						
BLANK			<5						
BLANK				<0.01	<0.01	<0.01	<0.01		
BLANK				<0.01	<0.01	<0.01	<0.01		
BLANK		<0.05							
BLANK			<5						
BLANK			<5						
BLANK		<0.05							
Target Range - Lower Bound		<0.05	<5	<0.01	<0.01	<0.01	<0.01	<0.01	<2
Upper Bound		0.10	10	0.02	0.02	0.02	0.02	0.02	4

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Finalized Date: 29-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04063670

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
DUPLICATES									
ORIGINAL		0.59							
DUP		0.64							
Target Range - Lower Bound		0.48							
Upper Bound		0.75							
ORIGINAL			95						
DUP			109						
Target Range - Lower Bound			87						
Upper Bound			117						
242454		<0.05							
DUP		<0.05							
Target Range - Lower Bound		<0.05							
Upper Bound		0.10							
242455			<5	<0.01	<0.01	<0.01	<0.01	0.02	<2
DUP			<5	0.01	<0.01	<0.01	<0.01	0.03	<2
Target Range - Lower Bound			<5	<0.01	<0.01	<0.01	<0.01	<0.01	<2
Upper Bound			10	0.02	0.02	0.02	0.02	0.05	4
242473			150						
DUP			138						
Target Range - Lower Bound			127						
Upper Bound			161						
242474		0.44							
DUP		0.90							
Target Range - Lower Bound		0.54							
Upper Bound		0.80							
242480			24						
DUP			22						
Target Range - Lower Bound			12						
Upper Bound			34						
242481			74						
DUP			70						
Target Range - Lower Bound			58						
Upper Bound			86						

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VANCOUVER BC V6C 2B3

Finalized Date: 29-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04063670

Sample Description	Method Analyte Units LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2
DUPLICATES									
242487				<0.01	0.03	0.01	<0.01		
DUP				<0.01	0.03	0.01	<0.01		
Target Range - Lower Bound				<0.01	<0.01	<0.01	<0.01		
Upper Bound				0.02	0.05	0.02	0.02		
242490									12
DUP									11
Target Range - Lower Bound									7
Upper Bound									16
242491								0.01	
DUP								0.01	
Target Range - Lower Bound								<0.01	
Upper Bound								0.02	
242494		<0.05							
DUP		<0.05							
Target Range - Lower Bound		<0.05							
Upper Bound		0.10							

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

Finalized Date: 25-OCT-2004
Account: MPO

CERTIFICATE VA04069513

Project: 1614

P.O. No.:

This report is for 38 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 7-OCT-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	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
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
OA-GRA08b	Specific Gravity for Pulps	WST-SIM
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS

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

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Signature:

ALS Chemex

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

Finalized Date: 25-OCT-2004
Account: MPO

Project: 1614

CERTIFICATE OF ANALYSIS VA04069513

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2	OA-GRA08b S.G. Unity 0.01
M242501		1.94	<0.05	21	0.03	<0.01	0.05	<0.01	0.13	2	2.81
M242502		1.16	<0.05	<5	0.01	<0.01	0.02	<0.01	0.18	2	2.92
M242503		2.62	<0.05	<5	0.01	<0.01	0.05	<0.01	0.18	6	2.85
M242504		2.48	<0.05	<5	0.01	<0.01	0.03	<0.01	0.10	4	2.84
M242505		3.18	<0.05	<5	0.01	<0.01	0.02	<0.01	0.08	5	2.91
M242506		1.90	<0.05	<5	0.01	<0.01	<0.01	<0.01	0.07	2	2.78
M242507		2.72	<0.05	<5	0.01	<0.01	0.01	<0.01	0.19	2	2.88
M242508		3.88	<0.05	<5	0.01	<0.01	0.02	<0.01	0.18	3	2.84
M242509		3.96	<0.05	<5	0.01	<0.01	0.04	<0.01	0.17	6	2.87
M242510		2.00	<0.05	<5	<0.01	<0.01	0.03	<0.01	0.12	4	2.83
M242511		1.78	<0.05	<5	<0.01	<0.01	0.03	<0.01	0.10	2	2.78
M242512		1.48	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.10	2	2.80
M242513		3.24	<0.05	<5	<0.01	<0.01	0.02	<0.01	0.13	4	2.73
M242514		1.54	<0.05	<5	0.01	0.01	0.04	0.01	0.24	8	2.91
M242515		1.40	0.10	<5	0.01	0.01	0.01	0.01	0.19	9	3.07
M242516		0.68	0.30	<5	0.01	0.02	0.02	0.01	0.30	6	3.94
M242517		0.72	0.30	<5	0.01	0.02	0.05	0.01	0.36	13	3.47
M242518		3.72	1.29	293	0.65	1.60	11.55	0.37	22.7	452	4.49
M242519		2.96	0.90	245	1.43	0.98	12.05	0.22	16.60	571	4.63
M242520		2.94	0.60	131	0.42	1.44	9.98	0.37	13.25	334	4.53
M242521		1.18	0.99	238	0.22	2.82	5.77	0.42	13.35	32	4.24
M242522		0.96	1.09	169	0.27	2.06	10.40	0.86	27.2	129	4.38
M242523		4.38	1.79	294	0.47	3.76	16.90	1.10	28.1	125	4.59
M242524		3.22	1.19	310	0.58	3.27	11.90	0.21	13.60	481	4.60
M242525		1.82	0.60	138	1.67	1.04	18.65	0.12	16.05	776	4.24
M242526		2.82	0.80	170	1.31	0.72	19.40	0.08	11.95	1330	4.27
M242527		3.22	0.99	215	1.18	1.44	16.00	0.28	10.25	1850	4.37
M242528		0.26	5.17	180	2.56	3.39	24.8	0.07	14.40	<2	4.26
M242529		0.24	8.04	81	4.00	3.06	21.4	0.08	16.00	<2	4.07
M242530		0.30	0.48	80	1.90	0.03	0.49	<0.01	2.67	268	2.92
M242531		1.90	<0.05	7	0.16	0.01	0.22	0.01	1.25	60	2.90
M242532		1.08	<0.05	<5	0.01	<0.01	0.07	0.02	0.27	29	2.79
M242533		1.46	<0.05	<5	0.01	0.01	0.04	<0.01	0.14	8	2.79
M242534		2.58	<0.05	<5	0.02	<0.01	0.16	0.01	0.96	16	2.76
M242535		1.70	<0.05	<5	<0.01	<0.01	<0.01	<0.01	0.39	11	2.78
M242536		0.82	<0.05	<5	0.01	<0.01	0.01	<0.01	0.30	6	2.74
M242537		3.20	<0.05	<5	0.01	<0.01	0.05	<0.01	0.42	15	2.86
M242538		1.68	<0.05	<5	<0.01	<0.01	0.01	<0.01	0.16	2	2.83

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

Finalized Date: 25-OCT-2004
Account: MPO

QC CERTIFICATE VA04069513

Project: 1614

P.O. No.:

This report is for 38 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 7-OCT-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	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
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
OA-GRA08b	Specific Gravity for Pulps	WST-SIM
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS

To: **EXPATRIATE RESOURCES LTD.**
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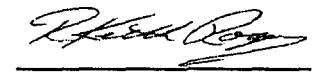
Signature: 

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Finalized Date: 25-OCT-2004
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Project: 1614

QC CERTIFICATE OF ANALYSIS VA04069513

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2	OA-GRA08b S.G. Unity 0.01
STANDARDS										
BPL-04		48.1								
BPL-04			679							
BPL-04		46.5								
BPL-04			695							
BPL-04		46.6								
BPL-04			671							
BPL-04			658							
BPL-04			669							
BPL-04			680							
BPL-04			690							
Target Range - Lower Bound		43.8	630							
Upper Bound		50.6	736							
CU-106				1.46	0.03	0.06	0.01			
CU-106				1.43	0.02	0.02	0.01			
Target Range - Lower Bound				1.37			<0.01			
Upper Bound				1.49			0.02			
G2000								0.76		
G2000								0.76		
G2000				0.03	0.07	0.13	0.05			
G2000				0.03	0.08	0.13	0.05			
Target Range - Lower Bound				0.02	0.05	0.11	0.04	0.68		
Upper Bound				0.04	0.08	0.14	0.06	0.81		
GBM399-5				2.96	2.11	0.94	0.03			
GBM399-5				2.97	2.20	0.94	0.04			
Target Range - Lower Bound				2.83	2.03	0.91	0.02			
Upper Bound				3.06	2.20	0.99	0.04			
GBM900-1c				0.43	0.04	0.14	0.27			
GBM900-1c				0.44	0.04	0.14	0.26			
Target Range - Lower Bound										
Upper Bound										
GXR-1									15	
GXR-1									15	
Target Range - Lower Bound									13	
Upper Bound									21	

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Finalized Date: 25-OCT-2004
Account: MPO

Project: 1614

QC CERTIFICATE OF ANALYSIS VA04069513

Sample Description	Method	Au-GRA21	Ag-GRA21	Cu-AA46	Pb-AA46	Zn-AA46	As-AA46	Hg-CV41	ME-XRF05	OA-GRA08b
	Analyte	Au	Ag	Cu	Pb	Zn	As	Hg	Se	S.G.
	Units	ppm	ppm	%	%	%	%	ppm	ppm	Unity
	LOR	0.05	5	0.01	0.01	0.01	0.01	0.01	2	0.01
STANDARDS										
GXR-4									5	
GXR-4									5	
Target Range - Lower Bound									3	
Upper Bound									9	
JWB-JV-1								1.09		
JWB-JV-1								1.14		
Target Range - Lower Bound								0.97		
Upper Bound								1.13		
OXM16		14.90								
OXM16		16.20								
OXM16		15.40								
Target Range - Lower Bound		14.05								
Upper Bound		16.25								
Pb-107				1.63	1.85	2.81	0.11			
Pb-107				1.64	1.82	2.85	0.12			
Target Range - Lower Bound				1.54	1.75	2.69				
Upper Bound				1.68	1.89	2.91				
SILICA										2.66
SILICA										2.70
Target Range - Lower Bound										2.35
Upper Bound										2.89
SP17		18.00								
Target Range - Lower Bound		16.80								
Upper Bound		19.45								
BLANKS										
BLANK		<0.05								
BLANK								<0.01		
BLANK								<0.01		
BLANK			<5							
BLANK									<2	
BLANK									<2	
BLANK		<0.05								
BLANK				<0.01	<0.01	<0.01	<0.01			
BLANK				<0.01	<0.01	<0.01	<0.01			
BLANK			<5							
BLANK		<0.05								

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

Finalized Date: 25-OCT-2004
Account: MPO

Project: 1614

QC CERTIFICATE OF ANALYSIS VA04069513

Sample Description	Method	Au-GRA21	Ag-GRA21	Cu-AA46	Pb-AA46	Zn-AA46	As-AA46	Hg-CV41	ME-XRF05	OA-GRA08b
	Analyte	Au	Ag	Cu	Pb	Zn	As	Hg	Se	S.G.
	Units	ppm	ppm	%	%	%	%	ppm	ppm	Unity
	LOR	0.05	5	0.01	0.01	0.01	0.01	0.01	2	0.01
BLANKS										
BLANK			<5							
BLANK			<5							
BLANK			<5							
BLANK			<5							
BLANK			<5							
Target Range - Lower Bound		<0.05	<5	<0.01	<0.01	<0.01	<0.01	<0.01	<2	
Upper Bound		0.10	10	0.02	0.02	0.02	0.02	0.02	4	
DUPLICATES										
ORIGINAL			2220							
DUP			<5							
Target Range - Lower Bound			1045							
Upper Bound			1180							
ORIGINAL			205							
DUP			203							
Target Range - Lower Bound			184							
Upper Bound			224							
ORIGINAL			414							
DUP			448							
Target Range - Lower Bound			399							
Upper Bound			463							
ORIGINAL			187							
DUP			189							
Target Range - Lower Bound			169							
Upper Bound			207							
ORIGINAL		14.30								
DUP		11.85								
Target Range - Lower Bound		12.30								
Upper Bound		13.85								
M242509		<0.05		0.01	<0.01	0.04	<0.01	0.17	6	2.87
DUP		<0.05		0.01	<0.01	0.04	<0.01	0.18	7	2.92
Target Range - Lower Bound		<0.05		<0.01	<0.01	0.02	<0.01	0.15	<2	2.73
Upper Bound		0.10		0.02	0.02	0.06	0.02	0.20	11	3.06

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VANCOUVER BC V6C 2B3

Finalized Date: 25-OCT-2004
Account: MPO

Project: 1614

QC CERTIFICATE OF ANALYSIS VA04069513

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2	OA-GRA08b S.G. Unity 0.01
DUPLICATES										
M242515			<5							
DUP			<5							
Target Range - Lower Bound			≤5							
Upper Bound			10							
M242516		0.30								
DUP		0.30								
Target Range - Lower Bound		0.19								
Upper Bound		0.42								
M242525		0.60								
DUP		0.60								
Target Range - Lower Bound		0.47								
Upper Bound		0.73								
M242534			<5							
DUP			<5							
Target Range - Lower Bound			≤5							
Upper Bound			10							
M242536			<5							
DUP			<5							
Target Range - Lower Bound			≤5							
Upper Bound			10							
M242538				<0.01	<0.01	0.01	<0.01		2	2.83
DUP				<0.01	<0.01	0.01	<0.01		3	2.79
Target Range - Lower Bound				≤0.01	≤0.01	≤0.01	≤0.01		≤2	2.65
Upper Bound				0.02	0.02	0.02	0.02		4	2.97
ORIGINAL								0.01		
DUP								0.01		
Target Range - Lower Bound								≤0.01		
Upper Bound								0.02		

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EXPATRIATE RESOURCES LTD.
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VANCOUVER BC V6C 2B3

CERTIFICATE VA04033121

Project: Wolverine

P.O. No.:

This report is for 52 Pulp samples submitted to our lab in Vancouver, BC, Canada on 20-MAY-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	JASON DUNNING	

SAMPLE PREPARATION

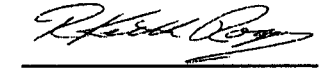
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis
ROL-21	Rolling Charge

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF05	Trace Level XRF Analysis	XRF

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: 

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Date: 15-JUN-2004
Account: MPO

Project: Wolverine

CERTIFICATE OF ANALYSIS VA04033121

Sample Description	Method	ME-XRF05
	Analyte	Se
	Units	ppm
	LOR	2
WV96-32		613
WV96-36		470
WV96-39		907
WV96-40		741
WV96-43		107
WV96-48		260
WV96-49		888
WV96-50		161
WV96-53a		325
WV96-53b		881
WV96-53c		697
WV96-53d		638
WV96-53e		1325
WV96-53f		799
WV96-53g		147
WV96-54		542
WV96-58		506
WV96-59		1115
WV96-60		877
WV96-61		1270
WV96-62		591
WV96-63		418
WV96-64		1870
WV96-65		209
WV96-67		371
WV96-68		245
WV96-69		1165
WV96-70A		61
WV96-70B		552
WV96-70C		48
WV96-71		892
WV96-72		514
WV97-74		893
WV97-76		769
WV97-77		571
WV97-80		908
WV97-86		<2
WV97-88		713
WV97-94a		674
WV97-94b		401

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VANCOUVER BC V6C 2B3

Date: 15-JUN-2004
Account: MPO

Project: Wolverine

CERTIFICATE OF ANALYSIS VA04033121

Sample Description	Method	ME-XRF05
	Analyte	Se
	Units	ppm
	LOR	2
WV97-94c		811
WV97-104		450
WV97-105		392
WV97-106		657
WV00-113		360
WV00-114		535
WV00-116		495
WV00-117		698
WV00-118		136
WV00-119		525
WV00-120		873
WW00-01		1005

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:EXPATRIATE RESOURCES LTD.
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Finalized Date: 3-SEP-2004
Account: MPO

CERTIFICATE VA04053361

Project: Wolverine 1614

P.O. No.:

This report is for 50 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 10-AUG-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	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-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

RECEIVED
SEP - 9 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.

Signature:

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
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North Vancouver BC V7J 2C1 Canada
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EXPATRIATE RESOURCES LTD.
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Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04053361

Sample Description	Method	WEI-21	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	Recvd Wt.	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
M179551		1.12	85.9	3.85	1.46	0.02	0.14	<0.01	0.48	0.03	0.13	<0.01	0.02	0.01	4.13	2.32
M179552		0.66	88.6	4.13	1.94	0.02	0.34	<0.01	1.03	0.03	0.16	0.03	<0.01	<0.01	0.77	1.40
M179553		0.72	84.4	5.46	1.92	0.30	0.69	0.01	1.14	0.03	0.26	0.02	<0.01	0.04	2.60	1.75
M179554		0.90	80.7	5.87	3.92	1.55	1.54	0.03	1.30	0.03	0.36	0.07	0.05	0.04	0.96	3.81
M179555		0.58	88.1	4.76	2.15	0.33	0.48	0.02	0.88	0.02	0.28	0.05	0.04	0.01	0.68	0.61
M179556		0.58	80.3	5.76	6.02	0.27	0.79	<0.01	0.39	0.03	0.33	0.02	0.01	0.02	1.47	3.45
M179557		0.74	91.9	3.06	1.52	0.14	0.30	0.01	0.58	0.03	0.14	0.01	0.01	0.01	0.76	1.09
M179558		0.76	92.5	2.95	1.20	0.10	0.31	0.01	0.60	0.02	0.11	0.01	<0.01	<0.01	0.65	1.19
M179559		0.94	67.9	12.50	4.66	2.19	1.84	0.06	3.40	0.01	0.23	0.10	<0.01	0.02	1.22	5.39
M179560		0.62	84.9	3.18	4.73	0.86	0.58	0.02	0.70	0.03	0.19	0.03	0.20	0.01	0.39	4.20
M179561		0.80	72.4	4.17	3.26	6.10	2.78	<0.01	0.68	0.02	0.20	0.10	<0.01	0.01	0.53	7.67
M179562		0.72	88.1	3.07	1.96	2.69	0.33	0.01	0.63	0.02	0.12	0.05	0.38	0.01	0.16	2.68
M179563		1.08	73.7	10.90	3.07	1.56	0.55	0.85	3.14	0.01	0.28	0.02	0.05	0.01	0.51	4.37
M179564		0.74	60.5	11.35	7.50	4.71	0.42	0.16	4.65	0.01	0.30	0.06	0.07	0.03	1.71	8.16
M179565		0.46	63.5	5.63	9.23	2.40	0.62	0.09	1.69	0.03	0.21	0.04	0.31	0.01	0.63	9.38
M179566		1.00	69.3	4.51	12.20	0.07	0.42	0.06	1.32	0.02	0.10	0.01	0.09	<0.01	0.66	7.73
M179567		0.44	49.8	8.20	6.98	8.90	5.02	0.02	2.27	0.02	0.52	0.41	0.12	0.04	1.17	14.85
M179568		0.90	3.30	0.32	45.6	0.44	0.21	0.05	0.06	0.02	<0.01	0.04	0.04	<0.01	0.03	26.3
M179569		0.68	71.2	15.05	2.01	0.15	1.04	0.11	4.39	0.01	0.45	0.01	0.09	<0.01	0.44	2.99
M179570		0.56	76.0	13.10	0.82	0.25	1.27	0.09	4.19	0.01	0.25	0.01	0.05	<0.01	0.45	2.89
M179571		0.70	53.2	21.3	7.10	0.11	1.48	0.13	4.86	0.01	0.61	<0.01	0.09	0.01	0.71	8.33
M179572		0.46	65.6	6.09	4.00	4.44	0.57	0.03	1.92	0.06	0.23	0.01	3.55	0.02	0.31	12.85
M179573		0.74	94.6	1.52	0.75	0.24	0.14	<0.01	0.06	0.03	0.05	0.01	0.03	0.01	1.16	1.30
M179574		0.86	62.1	3.56	10.50	6.06	1.30	<0.01	0.62	0.02	0.15	1.77	0.07	0.04	3.04	8.83
M179575		0.66	81.6	2.22	1.00	0.20	0.20	<0.01	0.55	0.03	0.09	0.02	<0.01	0.04	9.99	1.59
M179576		0.84	84.8	3.64	2.56	1.62	1.10	0.05	0.88	0.02	0.23	0.05	0.04	0.03	0.56	3.48
M179577		0.82	87.5	4.84	2.02	0.22	0.54	0.02	1.02	0.03	0.27	0.02	<0.01	0.01	0.80	1.62
M179578		0.66	82.0	3.50	8.62	0.50	0.61	<0.01	0.27	0.03	0.19	0.05	0.32	0.02	0.73	2.08
M179579		0.60	93.2	2.42	1.09	0.24	0.27	<0.01	0.35	0.03	0.10	0.01	<0.01	0.01	1.12	1.05
M179580		0.62	66.1	14.90	3.18	1.60	1.77	0.12	4.03	0.01	0.35	0.07	0.12	0.01	1.02	4.97
M179581		0.66	76.0	4.41	2.01	6.87	1.08	0.02	0.84	0.02	0.19	0.14	0.01	0.02	0.24	7.69
M179582		0.78	86.4	5.43	1.22	0.30	0.55	0.01	1.46	0.02	0.26	0.01	<0.01	0.01	0.83	1.54
M179583		0.86	85.1	5.39	1.66	0.50	0.62	0.07	1.88	0.02	0.30	0.01	0.05	0.01	1.52	0.34
M179584		0.68	59.9	10.70	9.40	2.92	1.84	0.04	3.63	0.02	0.65	0.29	0.09	0.01	0.18	7.86
M179585		0.94	72.2	12.60	3.50	1.04	0.51	1.84	2.65	0.01	0.35	0.01	0.09	0.01	0.39	4.71
M179586		1.18	14.10	1.64	9.58	25.4	12.60	0.07	0.60	0.01	0.04	0.95	0.37	0.08	0.04	21.9
M179587		0.82	66.9	5.35	4.10	6.64	0.52	0.03	1.66	0.05	0.20	0.06	2.87	0.03	0.84	11.05
M179597		0.54	62.5	8.81	5.65	5.24	4.22	0.02	2.51	0.01	0.26	0.08	0.11	0.02	1.48	8.66
M179598		0.52	70.6	9.40	3.52	1.29	0.73	<0.01	1.70	0.03	0.31	0.03	0.38	0.01	6.37	5.59
M179599		0.60	27.8	16.10	16.30	5.61	13.75	0.07	2.56	<0.01	0.49	0.15	0.07	0.02	0.52	14.10

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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

Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04053361

Sample Description	Method	ME-ICP06	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	Total	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga	Gd	Hf	Ho
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	1	0.5	0.5	0.5	10	0.1	5	0.1	0.1	0.1	1	0.1	1	0.1
M179551		98.5	1	>10000	14.2	5.5	270	0.9	87	1.1	0.7	1.4	6	1.3	2	0.2
M179552		98.5	1	7270	18.8	3.2	220	2.6	96	2.0	1.1	0.5	8	2.4	2	0.4
M179553		98.6	<1	>10000	25.4	16.5	180	4.2	67	2.2	1.3	0.6	9	2.7	2	0.4
M179554		100.0	1	8900	31.9	6.3	180	5.5	62	3.5	2.1	1.0	10	4.0	3	0.7
M179555		98.4	1	6440	23.1	7.7	190	3.8	84	2.0	1.2	0.7	9	2.2	2	0.4
M179556		98.9	1	>10000	37.7	6.8	210	5.8	192	3.2	2.0	1.0	10	3.4	2	0.6
M179557		99.6	<1	7460	17.3	4.9	200	2.7	50	1.7	1.0	0.7	6	1.8	1	0.3
M179558		99.7	1	6070	17.4	2.3	160	2.6	78	1.7	1.0	0.5	6	1.8	1	0.3
M179559		99.5	<1	>10000	161.5	1.6	70	14.8	17	17.5	11.0	1.9	28	15.7	17	3.7
M179560		100.0	1	3430	21.9	10.5	210	2.7	57	2.2	1.2	0.5	7	2.4	1	0.4
M179561		97.9	1	4870	18.6	5.6	150	1.8	38	1.9	1.2	0.5	5	1.8	2	0.3
M179562		100.0	<1	1390	21.9	6.8	210	1.3	90	4.2	2.2	0.8	6	4.0	1	0.7
M179563		99.0	2	4520	83.2	3.4	120	2.8	9	5.9	3.4	1.1	15	5.9	8	1.0
M179564		99.6	5	>10000	89.8	4.4	100	3.0	32	6.9	4.0	1.4	17	6.5	9	1.2
M179565		93.8	73	5160	36.7	8.8	230	2.6	1505	4.0	2.3	0.9	12	3.9	3	0.7
M179566		96.5	148	5340	30.9	2.9	140	1.4	529	2.4	1.4	0.6	14	2.3	3	0.4
M179567		98.3	3	>10000	45.3	16.8	170	3.4	65	4.4	2.7	1.3	14	4.1	4	0.7
M179568		76.4	124	257	1.5	11.8	60	0.2	2410	0.2	0.1	0.1	5	0.3	<1	<0.1
M179569		98.0	2	3770	98.3	3.7	90	10.7	44	7.9	4.8	0.9	25	8.1	12	1.5
M179570		99.4	1	3840	106.5	2.8	100	10.0	10	7.4	4.4	0.5	22	6.8	8	1.4
M179571		98.0	2	5730	142.0	13.4	70	14.0	370	10.2	6.2	1.0	33	10.0	16	1.9
M179572		99.7	6	2640	30.3	7.4	480	3.4	130	6.5	3.9	1.7	10	6.1	2	1.2
M179573		99.9	1	>10000	5.1	3.0	300	0.2	30	0.6	0.4	0.3	2	0.5	1	0.1
M179574		98.1	1	>10000	39.6	3.9	160	1.4	30	2.9	1.6	1.0	6	3.1	2	0.5
M179575		97.6	<1	>10000	11.1	3.8	240	0.8	38	0.9	0.5	1.7	4	1.4	1	0.1
M179576		99.1	1	4900	19.9	6.5	230	4.0	33	1.9	1.2	0.5	6	1.9	2	0.3
M179577		98.9	<1	6930	21.9	7.8	250	4.4	75	2.0	1.2	0.4	9	1.9	2	0.3
M179578		98.9	<1	6500	23.1	4.2	220	3.6	71	2.7	1.8	0.9	6	2.4	2	0.5
M179579		99.9	1	9920	12.3	2.7	260	1.5	61	1.2	0.6	0.3	5	1.1	1	0.2
M179580		98.2	<1	9240	189.0	4.7	80	21.4	10	16.6	9.9	2.3	28	15.4	20	3.0
M179581		99.5	<1	2140	23.6	11.2	160	3.4	60	2.5	1.5	0.5	7	2.2	2	0.5
M179582		98.0	<1	7450	25.8	6.4	130	4.7	37	1.9	1.2	0.6	9	2.1	2	0.3
M179583		97.5	<1	>10000	31.6	8.0	150	3.0	35	3.6	2.0	1.2	8	3.4	3	0.6
M179584		97.5	1	1505	61.2	30.0	140	7.4	140	5.4	3.6	1.0	16	4.8	7	1.0
M179585		99.9	2	3270	94.8	4.7	100	2.2	8	6.4	3.6	0.8	16	6.2	10	1.1
M179586		87.4	23	343	12.3	6.0	100	6.0	940	5.0	2.5	1.1	5	4.3	<1	0.8
M179587		100.5	9	7600	37.5	5.9	400	3.0	616	7.7	4.6	1.8	10	7.6	2	1.5
M179597		99.6	3	>10000	67.6	5.2	50	7.9	2910	4.7	2.9	0.6	17	4.9	7	0.9
M179598		100.0	1	>10000	45.9	5.0	260	3.0	60	2.5	1.6	2.1	12	3.8	4	0.5
M179599		97.6	4	4510	127.5	20.7	10	18.6	2490	8.5	6.0	0.6	43	8.8	14	1.8

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04053361

Sample Description	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
	Analyte	La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	0.1	2	1	0.5	5	5	0.1	0.2	0.1	1	0.1	0.5	0.1	1
M179551		7.8	0.1	<2	4	5.6	55	61	1.5	24.0	1.2	<1	153.5	<0.5	0.1	5
M179552		7.9	0.2	5	3	10.2	32	27	2.3	52.3	2.2	1	15.9	<0.5	0.3	3
M179553		12.6	0.2	6	5	12.6	136	37	3.0	59.5	2.3	1	319	<0.5	0.3	4
M179554		17.4	0.3	3	6	17.9	106	86	4.3	74.5	3.5	2	337	<0.5	0.5	5
M179555		11.0	0.2	<2	5	10.9	62	93	2.8	52.3	2.2	1	87.8	<0.5	0.3	3
M179556		16.7	0.3	8	6	17.0	57	101	4.1	22.0	3.4	2	146.5	<0.5	0.5	5
M179557		7.7	0.2	8	3	8.4	38	17	2.0	38.2	1.8	2	51.4	<0.5	0.2	2
M179558		8.5	0.2	2	3	9.2	25	30	2.2	37.3	1.8	1	43.0	<0.5	0.3	2
M179559		74.2	1.5	3	44	74.3	10	66	19.2	144.0	15.3	10	146.5	3.6	2.7	24
M179560		12.2	0.1	2	6	11.4	51	355	2.7	31.5	2.2	2	103.0	<0.5	0.3	3
M179561		8.8	0.1	<2	4	7.8	28	593	2.0	33.9	1.7	1	121.0	<0.5	0.2	3
M179562		10.5	0.2	<2	3	12.4	49	371	2.8	28.8	3.4	<1	50.7	<0.5	0.6	2
M179563		44.3	0.4	3	20	31.6	9	37	8.8	87.8	6.4	5	94.1	1.6	0.9	20
M179564		44.3	0.5	3	20	31.4	7	121	8.9	112.0	6.8	8	251	1.6	1.0	22
M179565		22.7	0.2	43	12	17.6	103	>10000	4.7	73.5	3.7	52	99.2	0.7	0.6	8
M179566		16.4	0.1	8	5	11.3	20	2360	3.2	51.2	2.3	40	7.1	0.6	0.3	9
M179567		25.9	0.3	5	20	20.4	81	389	5.3	104.0	4.2	11	326	1.1	0.6	7
M179568		<0.5	<0.1	64	<1	0.7	32	5360	0.1	2.4	0.2	34	25.7	<0.5	<0.1	<1
M179569		50.5	0.6	4	32	37.9	10	1215	10.6	156.5	7.4	11	34.1	2.4	1.2	29
M179570		55.0	0.5	6	21	39.2	21	332	11.2	172.5	7.3	7	26.0	1.8	1.0	27
M179571		73.5	0.8	4	42	53.1	22	51	14.8	193.5	9.7	14	65.9	3.0	1.5	41
M179572		23.4	0.4	72	8	22.7	229	48	5.2	75.4	5.3	1	139.0	0.5	0.9	5
M179573		2.4	<0.1	2	2	2.3	19	73	0.5	3.2	0.5	<1	99.2	<0.5	0.1	1
M179574		20.5	0.2	<2	7	15.6	20	87	4.1	25.4	3.0	<1	376	<0.5	0.4	4
M179575		6.4	0.1	2	2	5.6	22	227	1.4	20.8	1.4	<1	348	<0.5	0.1	1
M179576		10.6	0.1	<2	4	9.1	43	364	2.3	54.6	2.0	<1	260	<0.5	0.3	3
M179577		11.6	0.1	<2	5	10.0	71	153	2.5	60.2	2.0	<1	57.2	<0.5	0.3	3
M179578		10.8	0.3	3	4	10.2	25	14	2.5	20.1	2.3	<1	181.0	<0.5	0.4	3
M179579		6.0	0.1	3	2	5.5	12	18	1.4	22.2	1.2	<1	116.0	<0.5	0.2	2
M179580		96.4	1.3	4	55	74.9	13	33	20.1	163.5	15.7	12	100.5	3.7	2.6	28
M179581		10.6	0.2	3	4	9.4	35	38	2.3	44.3	2.0	<1	181.0	<0.5	0.4	3
M179582		12.8	0.2	<2	5	11.4	22	39	2.8	75.2	2.2	1	51.3	<0.5	0.3	4
M179583		14.8	0.2	<2	6	15.9	65	88	3.6	76.7	3.4	<1	66.7	<0.5	0.5	4
M179584		33.8	0.5	2	19	28.1	92	112	7.2	145.0	5.2	1	57.5	0.9	0.7	9
M179585		48.5	0.4	<2	26	35.5	9	93	10.1	62.7	7.0	4	53.2	1.9	0.9	23
M179586		8.8	0.2	11	3	10.2	47	648	2.2	40.5	3.2	6	640	<0.5	0.8	1
M179587		29.9	0.5	21	12	29.0	178	29	7.0	64.7	6.9	5	273	0.6	1.2	5
M179597		34.1	0.4	<2	19	26.3	8	52	7.7	110.0	5.0	8	195.5	1.4	0.7	16
M179598		29.9	0.2	10	20	22.7	92	44	6.3	65.0	3.7	2	122.0	1.4	0.5	11
M179599		64.5	0.7	3	34	51.2	136	31	14.5	118.0	9.6	12	154.0	2.4	1.4	32

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04053361

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	0.1	0.5	5	1	0.5	0.1	5	0.5
M179551		<0.5	0.1	1.0	156	2	6.4	0.8	474	56.8
M179552		<0.5	0.1	0.5	106	2	9.5	1.2	92	62.6
M179553		<0.5	0.2	1.4	80	3	12.1	1.5	152	65.3
M179554		<0.5	0.3	2.1	147	3	21.3	2.1	178	106.0
M179555		<0.5	0.1	0.9	90	4	11.0	1.2	84	70.8
M179556		<0.5	0.3	1.5	132	4	15.6	2.1	78	87.6
M179557		<0.5	0.1	0.7	72	5	8.8	1.1	50	48.3
M179558		<0.5	0.1	0.9	93	2	8.7	1.1	47	37.3
M179559		2.4	1.6	6.2	7	3	104.0	10.7	281	549
M179560		<0.5	0.1	1.2	128	4	14.5	1.0	79	49.0
M179561		<0.5	0.1	0.7	62	1	11.6	1.2	92	52.2
M179562		<0.5	0.3	0.8	122	<1	22.6	1.8	85	42.7
M179563		1.6	0.4	5.7	25	1	34.7	2.9	160	264
M179564		4.2	0.5	6.2	22	1	40.7	3.8	57	297
M179565		2.8	0.2	8.0	531	3	27.8	2.1	>10000	95.2
M179566		7.7	0.2	4.3	149	1	14.9	1.3	>10000	93.2
M179567		11.4	0.3	5.8	264	2	30.3	2.6	318	139.0
M179568		4.6	<0.1	0.8	35	<1	1.5	0.1	>10000	4.9
M179569		4.9	0.7	8.3	30	6	50.7	4.5	497	419
M179570		4.9	0.6	4.8	196	4	53.7	4.2	230	275
M179571		8.9	0.9	12.2	81	6	65.2	5.9	142	590
M179572		1.2	0.4	22.8	1500	7	63.8	3.3	967	77.3
M179573		<0.5	<0.1	<0.5	21	2	4.5	0.5	788	24.5
M179574		<0.5	0.2	0.9	65	1	18.4	1.7	83	78.5
M179575		<0.5	<0.1	0.5	53	2	5.1	0.6	164	24.9
M179576		<0.5	0.1	1.4	101	3	12.3	1.2	128	79.4
M179577		<0.5	0.1	1.2	97	2	12.2	1.3	84	80.9
M179578		<0.5	0.2	0.7	82	2	14.6	1.9	56	54.9
M179579		<0.5	0.1	0.6	55	1	5.8	0.7	22	41.8
M179580		1.6	1.4	6.9	15	1	95.2	9.2	37	624
M179581		<0.5	0.2	0.9	47	1	15.4	1.4	34	57.0
M179582		<0.5	0.1	0.9	73	1	10.6	1.3	17	62.1
M179583		<0.5	0.2	1.4	118	2	18.4	1.9	20	87.5
M179584		0.9	0.5	3.5	198	2	35.3	3.7	52	253
M179585		1.4	0.4	6.8	16	2	36.6	3.3	17	314
M179586		4.9	0.3	2.7	333	1	33.4	1.9	5930	15.0
M179587		1.7	0.5	15.0	1185	1	61.0	3.2	1290	66.2
M179597		17.8	0.4	5.0	22	1	26.4	2.5	478	233
M179598		11.2	0.2	5.9	490	<1	15.3	1.7	445	125.5
M179599		22.1	0.8	10.4	84	6	52.6	5.4	829	457

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701-475 HOWE ST
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Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04053361

Sample Description	Method	WEI-21	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	Recvd Wt.	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
M179600		0.58	65.0	12.00	0.73	8.02	0.67	0.09	3.44	0.01	0.35	0.06	0.10	0.01	0.31	8.47
M179588		0.60	82.9	5.41	6.35	0.25	0.71	0.04	1.64	0.02	0.29	0.07	<0.01	0.01	1.16	1.41
M179589		0.58	94.2	1.75	0.70	0.03	0.11	<0.01	0.38	0.03	0.08	0.01	<0.01	0.01	1.98	0.74
M179590		0.54	86.8	4.96	2.47	0.29	0.90	0.03	1.13	0.03	0.30	0.03	<0.01	0.01	0.67	1.77
M179591		0.48	93.3	1.71	1.06	0.48	0.36	0.03	0.35	0.03	0.09	0.03	0.07	0.02	0.55	1.39
M179592		0.52	73.7	1.18	22.5	0.52	0.14	<0.01	0.04	0.03	0.06	0.03	0.09	0.01	1.23	0.51
M179593		0.44	51.2	3.86	13.10	15.55	0.96	0.02	0.98	0.01	0.16	0.57	0.20	0.02	0.87	10.00
M179594		0.46	79.7	5.93	3.72	1.70	1.50	0.05	1.60	0.03	0.41	0.03	0.03	0.03	0.92	4.30
M179595		0.64	68.5	8.98	8.05	1.34	6.02	0.04	0.97	0.01	0.26	0.14	0.08	<0.01	0.10	5.29
M179596		0.58	72.8	13.10	2.45	0.23	4.27	0.12	3.27	0.01	0.34	0.03	0.09	<0.01	0.17	3.58

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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Finalized Date: 3-SEP-2004
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CERTIFICATE OF ANALYSIS VA04053361

Sample Description	Method Analyte Units LOR	ME-ICP06 Total % 0.01	ME-MS81 Ag ppm 1	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Co ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.1	ME-MS81 Cu ppm 5	ME-MS81 Dy ppm 0.1	ME-MS81 Er ppm 0.1	ME-MS81 Eu ppm 0.1	ME-MS81 Ga ppm 1	ME-MS81 Gd ppm 0.1	ME-MS81 Hf ppm 1	ME-MS81 Ho ppm 0.1
M179600		99.3	<1	2660	115.0	1.8	60	5.5	8	7.1	4.3	0.7	20	8.5	11	1.3
M179588		100.5	<1	>10000	29.8	5.1	180	35.0	77	2.0	1.3	0.4	12	2.1	2	0.4
M179589		100.0	<1	>10000	13.5	1.8	280	1.2	38	0.8	0.5	0.6	4	1.2	1	0.1
M179590		99.4	1	6250	27.9	7.8	250	5.0	66	2.2	1.4	0.5	9	2.5	3	0.4
M179591		99.5	1	5610	11.4	1.9	320	1.9	33	1.0	0.6	0.1	4	1.1	1	0.2
M179592		100.0	<1	>10000	4.5	1.3	220	0.1	7	0.5	0.4	0.3	3	0.5	<1	0.1
M179593		97.5	1	8030	23.1	20.7	110	4.8	49	2.2	1.4	0.6	7	2.5	1	0.4
M179594		100.0	<1	8370	36.7	6.5	230	7.3	42	3.2	2.0	0.9	9	3.4	4	0.6
M179595		99.8	<1	896	71.6	6.0	60	3.3	31	4.4	2.8	<0.1	16	5.1	7	0.9
M179596		100.5	<1	1585	112.5	2.8	70	6.2	9	7.7	4.6	0.7	21	8.7	9	1.6

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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Finalized Date: 3-SEP-2004
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CERTIFICATE OF ANALYSIS VA04053361

Sample Description	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
	Analyte	La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	0.1	2	1	0.5	5	5	0.1	0.2	0.1	1	0.1	0.5	0.1	1
M179600		56.4	0.5	<2	24	44.3	5	8	13.0	96.4	8.8	7	126.0	1.9	1.3	24
M179588		13.0	0.2	<2	6	12.0	31	<5	3.3	96.9	2.4	2	38.9	<0.5	0.3	4
M179589		6.4	<0.1	5	2	7.0	20	26	1.8	17.4	1.5	1	69.6	<0.5	0.2	1
M179590		13.7	0.2	<2	6	12.6	39	15	3.4	62.8	2.5	2	84.9	<0.5	0.4	4
M179591		4.1	0.1	<2	2	4.7	19	10	1.2	24.0	1.0	1	201	<0.5	0.1	1
M179592		1.7	0.1	8	1	2.1	10	<5	0.5	1.4	0.4	1	71.4	<0.5	0.1	1
M179593		11.5	0.2	4	3	11.4	59	93	3.0	40.9	2.3	1	139.0	<0.5	0.4	2
M179594		18.4	0.3	<2	7	17.0	55	5	4.6	69.4	3.4	1	239	0.5	0.5	5
M179595		35.2	0.4	<2	19	27.4	6	54	8.2	33.6	5.2	5	22.3	1.5	0.8	18
M179596		57.3	0.6	<2	26	46.0	7	17	13.1	99.5	8.5	6	18.0	1.9	1.3	25

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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VANCOUVER BC V6C 2B3

Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04053361

Sample Description	Method / Analyte / Units / LOR	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
M179600		1.3	0.6	6.0	22	1	37.7	3.9	24	325
M179588		<0.5	0.2	0.9	119	<1	9.8	1.4	54	77.7
M179589		<0.5	<0.1	0.5	75	1	3.6	0.5	61	46.9
M179590		<0.5	0.2	1.2	73	2	12.6	1.3	98	135.5
M179591		<0.5	0.1	0.6	22	<1	5.0	0.6	49	32.6
M179592		<0.5	<0.1	<0.5	64	2	3.4	0.6	37	14.6
M179593		1.5	0.2	0.9	160	2	11.8	1.4	1075	34.6
M179594		<0.5	0.3	2.7	144	<1	18.4	2.0	110	124.0
M179595		<0.5	0.4	4.9	14	3	25.4	2.7	196	218
M179596		<0.5	0.6	6.7	15	1	43.7	3.9	56	295

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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VANCOUVER BC V6C 2B3

Finalized Date: 3-SEP-2004
Account: MPO

QC CERTIFICATE VA04053361

Project: Wolverine 1614

P.O. No.:

This report is for 50 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 10-AUG-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	JASON DUNNING	ACCOUNTS PAYABLE

SAMPLE PREPARATION

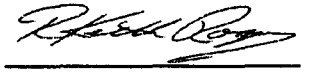
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-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

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: 

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Finalized Date: 3-SEP-2004
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Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04053361

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
STANDARDS																
SY-4		50.0	20.6	6.23	8.10	0.54	7.05	1.66	<0.01	0.29	0.11	0.13	0.14	0.04	4.56	99.5
SY-4		50.1	20.7	6.23	8.03	0.54	7.13	1.66	<0.01	0.29	0.11	0.12	0.14	0.04	4.56	99.7
SY-4																
SY-4																
SY-4		49.8	20.6	6.17	7.97	0.53	7.14	1.67	<0.01	0.29	0.11	0.12	0.14	0.04	4.56	99.2
SY-4		50.6	20.7	6.27	8.20	0.54	7.09	1.64	<0.01	0.29	0.11	0.12	0.14	0.04	4.56	100.5
SY-4		49.9	20.2	6.22	8.06	0.52	7.00	1.64	<0.01	0.29	0.11	0.13	0.14	0.04	4.56	98.8
SY-4		50.9	20.7	6.28	8.06	0.54	7.27	1.69	<0.01	0.29	0.11	0.12	0.14	0.04	4.56	100.5
Target Range - Lower Bound		47.4	19.65	5.89	7.64	0.50	6.74	1.57	<0.01	0.26	0.09	0.11	0.12	0.03	4.32	95.0
Upper Bound		52.4	21.7	6.53	8.46	0.58	7.47	1.75	0.02	0.31	0.12	0.15	0.16	0.05	4.80	102.0
BLANKS																
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.14
BLANK																
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.14
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.14
Target Range - Lower Bound		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Upper Bound		0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
DUPLICATES																
ORIGINAL		31.2	8.58	3.33	19.60	9.48	1.09	1.56	0.01	0.45	0.11	0.21	0.02	0.04	24.6	100.5
DUP		31.7	8.43	3.31	19.35	9.31	1.04	1.52	0.01	0.43	0.11	0.18	0.02	0.04	24.6	100.0
Target Range - Lower Bound		30.6	8.27	3.22	18.95	9.14	1.02	1.48	<0.01	0.41	0.09	0.17	<0.01	0.02	24.0	97.7
Upper Bound		32.3	8.74	3.42	20.00	9.65	1.11	1.60	0.02	0.47	0.13	0.22	0.04	0.06	25.2	102.0
M179560		84.9	3.18	4.73	0.86	0.58	0.02	0.70	0.03	0.19	0.03	0.20	0.01	0.39	4.20	100.0
DUP		84.8	3.14	4.78	0.89	0.63	0.02	0.70	0.03	0.19	0.03	0.19	0.01	0.40	4.20	100.0
Target Range - Lower Bound		82.7	3.06	4.62	0.83	0.57	<0.01	0.66	<0.01	0.17	<0.01	0.17	<0.01	0.37	4.08	97.5
Upper Bound		87.0	3.26	4.89	0.92	0.64	0.04	0.74	0.05	0.21	0.05	0.22	0.02	0.42	4.33	102.0

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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

Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04053361

Sample Description	Method Analyte Units LOR	ME-MS81 Ag ppm 1	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Co ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.1	ME-MS81 Cu ppm 5	ME-MS81 Dy ppm 0.1	ME-MS81 Er ppm 0.1	ME-MS81 Eu ppm 0.1	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
STANDARDS																
SY-4		<1	320	112.5	3.0	20	1.4	<5	18.6	14.2	2.1	35	13.6	12	3.8	59.0
SY-4		<1	395	127.0	2.2	10	1.5	<5	19.1	14.4	2.3	37	14.5	11	4.3	55.9
SY-4		<1	319	115.0	2.6	10	1.4	<5	18.9	15.0	1.9	36	13.9	11	4.4	56.9
SY-4		<1	366	125.5	2.7	10	1.5	<5	19.0	15.0	1.9	39	14.4	11	4.4	59.2
SY-4																
SY-4																
SY-4																
SY-4																
Target Range - Lower Bound		≤1	306	109.5	2.0	≤10	1.3	<5	18.3	12.7	1.7	31	12.5	9	3.8	51.7
Upper Bound		2	375	134.6	3.6	20	1.8	10	20.1	15.7	2.3	40	15.5	13	4.8	64.3
BLANKS																
BLANK		<1	<0.5	0.5	<0.5	<10	<0.1	<5	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.5
BLANK		<1	<0.5	<0.5	<0.5	<10	<0.1	<5	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.5
BLANK																
BLANK																
Target Range - Lower Bound		≤1	<0.5	<0.5	<0.5	≤10	<0.1	<5	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.5
Upper Bound		2	1.0	1.0	1.0	20	0.2	10	0.2	0.2	0.2	2	0.2	2	0.2	1.0
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
M179560		1	3430	21.9	10.5	210	2.7	57	2.2	1.2	0.5	7	2.4	1	0.4	12.2
DUP		1	3350	22.7	13.8	240	2.8	51	2.4	1.2	0.5	6	2.3	1	0.4	14.3
Target Range - Lower Bound		≤1	3220	20.2	10.5	190	2.4	41	2.0	0.9	0.3	4	2.0	≤1	0.2	11.6
Upper Bound		2	3560	24.4	13.8	280	3.1	67	2.6	1.5	0.7	9	2.7	2	0.6	14.9

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04053361

Sample Description	Method Analyte Units LOR	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	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
STANDARDS																
SY-4		1.9	<2	15	52.6	8	12	13.6	54.6	11.4	6	1210	0.9	2.5	2	<0.5
SY-4		2.1	<2	14	59.7	10	12	14.8	54.0	13.3	8	1240	0.8	2.6	1	<0.5
SY-4		2.0	<2	14	53.7	8	16	14.2	49.8	12.4	7	1220	0.8	2.8	1	<0.5
SY-4		2.0	<2	15	59.0	9	6	15.5	55.2	12.8	8	1270	0.9	2.8	1	<0.5
SY-4																
SY-4																
SY-4																
SY-4																
Target Range - Lower Bound		1.8	<2	11	50.8	<5	<5	13.4	49.3	11.3	5	1070	<0.5	2.2	<1	<0.5
Upper Bound		2.4	4	15	63.2	10	16	16.6	60.7	14.1	9	1310	1.0	3.0	2	1.0
BLANKS																
BLANK		<0.1	<2	<1	<0.5	<5	<5	<0.1	<0.2	<0.1	<1	<0.1	<0.5	<0.1	<1	<0.5
BLANK		<0.1	<2	<1	<0.5	<5	<5	<0.1	<0.2	<0.1	<1	<0.1	<0.5	<0.1	<1	<0.5
BLANK																
BLANK																
Target Range - Lower Bound		<0.1	<2	<1	<0.5	<5	<5	<0.1	<0.2	<0.1	<1	<0.1	<0.5	<0.1	<1	<0.5
Upper Bound		0.2	4	2	1.0	10	10	0.2	0.4	0.2	2	0.2	1.0	0.2	2	1.0
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
M179560		0.1	2	6	11.4	51	355	2.7	31.5	2.2	2	103.0	<0.5	0.3	3	<0.5
DUP		0.1	<2	7	11.2	49	84	2.8	30.8	2.2	1	107.5	<0.5	0.3	3	<0.5
Target Range - Lower Bound		<0.1	<2	4	9.7	38	199	2.4	29.2	1.8	<1	99.8	<0.5	<0.1	<1	<0.5
Upper Bound		0.2	4	9	12.9	63	240	3.1	33.1	2.5	2	110.5	1.0	0.5	5	1.0

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04053361

Sample Description	Method Analyte Units LOR	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
STANDARDS									
SY-4		2.0	1.1	10	2	119.5	15.0	104	527
SY-4		2.2	0.7	9	<1	118.5	14.9	94	520
SY-4		2.1	0.8	9	1	107.5	14.4	98	510
SY-4		2.2	0.8	10	<1	119.5	14.9	100	513
SY-4									
SY-4									
SY-4									
SY-4									
Target Range - Lower Bound		2.0	<0.5	<5	<1	106.5	13.2	79	465
Upper Bound		2.6	1.0	10	2	131.5	16.4	107	569
BLANKS									
BLANK		<0.1	<0.5	<5	<1	<0.5	<0.1	<5	<0.5
BLANK		<0.1	<0.5	<5	1	<0.5	<0.1	<5	<0.5
BLANK									
BLANK									
Target Range - Lower Bound		<0.1	<0.5	<5	<1	<0.5	<0.1	<5	<0.5
Upper Bound		0.2	1.0	10	2	1.0	0.2	10	1.0
DUPLICATES									
ORIGINAL									
DUP									
Target Range - Lower Bound									
Upper Bound									
M179560		0.1	1.2	128	4	14.5	1.0	79	49.0
DUP		0.1	1.2	122	1	14.8	1.0	64	48.3
Target Range - Lower Bound		<0.1	<0.5	109	<1	12.9	0.8	58	45.2
Upper Bound		0.2	2.3	141	5	16.4	1.3	85	52.1

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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Finalized Date: 3-SEP-2004
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Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04053361

Sample Description	Method Analyte Units LOR	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	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	ME-ICP06 LOI % 0.01	ME-ICP06 Total % 0.01
DUPLICATES																
M179592		73.7	1.18	22.5	0.52	0.14	<0.01	0.04	0.03	0.06	0.03	0.09	0.01	1.23	0.51	100.0
DUP		73.2	1.18	23.5	0.56	0.16	<0.01	0.06	0.03	0.06	0.03	0.13	0.01	1.29	0.51	100.5
Target Range - Lower Bound		71.6	1.13	22.4	0.51	0.13	<0.01	0.03	<0.01	0.04	<0.01	0.09	<0.01	1.21	0.48	97.7
Upper Bound		75.3	1.23	23.6	0.57	0.17	0.02	0.07	0.05	0.08	0.05	0.13	0.02	1.31	0.54	102.0

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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Finalized Date: 3-SEP-2004
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QC CERTIFICATE OF ANALYSIS VA04053361

Sample Description	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
	Analyte	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga	Gd	Hf	Ho	La
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.5	0.5	0.5	10	0.1	5	0.1	0.1	0.1	1	0.1	1	0.1	0.5
DUPLICATES																
M179592		<1	>10000	4.5	1.3	220	0.1	7	0.5	0.4	0.3	3	0.5	<1	0.1	1.7
DUP		<1	>10000	4.7	0.9	200	0.2	8	0.5	0.4	<0.1	3	0.5	<1	0.1	2.2
Target Range - Lower Bound		<1	9500	3.4	<0.5	180	<0.1	<5	0.3	0.2	<0.1	<1	0.3	<1	<0.1	0.9
Upper Bound		2	>10000	5.8	2.2	240	0.2	10	0.7	0.6	0.4	5	0.7	2	0.2	3.0

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218

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

Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04053361

Sample Description	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
	Analyte	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tl
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	2	1	0.5	5	5	0.1	0.2	0.1	1	0.1	0.5	0.1	1	0.5
DUPLICATES																
M179592		0.1	8	1	2.1	10	<5	0.5	1.4	0.4	1	71.4	<0.5	0.1	1	<0.5
DUP		0.1	7	1	2.0	12	<5	0.5	1.5	0.4	1	66.0	<0.5	<0.1	1	<0.5
Target Range - Lower Bound		<0.1	3	<1	0.9	<5	<5	0.3	1.0	0.2	<1	65.1	<0.5	<0.1	<1	<0.5
Upper Bound		0.2	12	2	3.2	22	10	0.7	1.9	0.6	2	72.3	1.0	0.2	2	1.0

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04053361

Sample Description	Method / Analyte / Units / LOR	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
DUPLICATES									
M179592		<0.1	<0.5	64	2	3.4	0.6	37	14.6
DUP		<0.1	<0.5	55	<1	3.4	0.6	26	17.2
Target Range - Lower Bound		<0.1	<0.5	47	<1	2.2	0.4	20	14.1
Upper Bound		0.2	1.0	72	2	4.6	0.8	43	17.7

Comments: Low whole rock totals for M179565,566, 568,586 due to high base metals. Results were checked with a retest.

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Finalized Date: 3-SEP-2004
Account: MPO

CERTIFICATE VA04053362

Project: Wolverine 1614

P.O. No.:

This report is for 12 Pulp samples submitted to our lab in Vancouver, BC, Canada on 10-AUG-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	JASON DUNNING	ACCOUNTS PAYABLE

RECEIVED
SEP - 9 2004

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As-AA46	Ore grade As - aqua regia/AA	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
ME-XRF05	Trace Level XRF Analysis	XRF
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM

To: **EXPATRIATE RESOURCES LTD.**
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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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701-475 HOWE ST
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Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04053362

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	As-AA46 As % 0.01	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	ME-XRF05 Se ppm 2	Hg-CV41 Hg ppm 0.01
M179851		0.12	6.15	249	0.08	4.08	3.16	21.2	<2	12.90
M179852		0.12	6.33	232	0.08	3.95	3.10	21.1	<2	13.10
M179853		0.12	5.80	NSS	0.08	4.05	3.18	21.3	<2	12.90
M179854		0.12	5.54	235	0.08	4.10	3.13	21.3	<2	13.30
M179855		0.12	5.04	164	0.07	2.65	3.34	23.8	<2	11.85
M179856		0.12	5.32	NSS	0.06	2.57	3.28	23.6	<2	12.00
M179857		0.12	4.69	167	0.06	2.57	3.35	23.0	<2	11.85
M179858		0.12	4.64	170	0.06	2.59	3.32	23.3	<2	11.90
M179859		0.12	2.07	76	0.02	2.44	1.24	20.8	18	2.40
M179860		0.12	NSS	NSS	0.02	2.46	1.32	20.9	17	0.99
M179861		0.12	2.46	NSS	0.01	2.50	1.17	20.1	19	2.53
M179862		0.12	2.67	NSS	0.02	2.44	1.22	20.0	17	2.61

Comments: Au-GRA21 and Ag-GRA21 results are based on 5g or 10g fusion. NSS is non-sufficient sample.

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Finalized Date: 3-SEP-2004
Account: MPO

QC CERTIFICATE VA04053362

Project: Wolverine 1614

P.O. No.:

This report is for 12 Pulp samples submitted to our lab in Vancouver, BC, Canada on 10-AUG-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	JASON DUNNING	ACCOUNTS PAYABLE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As-AA46	Ore grade As - aqua regia/AA	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
ME-XRF05	Trace Level XRF Analysis	XRF
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM

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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Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04053362

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	As-AA46 As % 0.01	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	ME-XRF05 Se ppm 2	Hg-CV41 Hg ppm 0.01
STANDARDS									
BPL-04			680						
BPL-04		45.2							
BPL-04		46.1							
BPL-04			654						
BPL-04		45.7							
BPL-04		43.9							
Target Range - Lower Bound		43.8	630						
Upper Bound		50.6	736						
CCU-1c				<0.01		0.35	3.92		
CCU-1c				<0.01	24.9	0.36	3.86		
CCU-1c							3.85		
Target Range - Lower Bound					24.7	0.32	3.84		
Upper Bound					26.5	0.36	4.14		
CO-ASSAY				1.03	5.59		<0.01		
CO-ASSAY				1.00	5.57		<0.01		
CO-ASSAY				1.03	5.65		<0.01		
CO-ASSAY				1.02	5.81		<0.01		
CO-ASSAY					5.61				
Target Range - Lower Bound				0.97	5.49		<0.01		
Upper Bound				1.07	5.91		0.02		
CU-106				0.01	1.44	0.02	<0.01		
CU-106				0.01	1.46	0.02	0.01		
CU-106					1.43				
Target Range - Lower Bound				<0.01	1.37				
Upper Bound				0.02	1.49				
G2000									0.71
G2000									0.82
Target Range - Lower Bound									0.68
Upper Bound									0.81
GXR-1								16	
Target Range - Lower Bound								13	
Upper Bound								21	

Comments: Au-GRA21 and Ag-GRA21 results are based on 5g or 10g fusion. NSS is non-sufficient sample.

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Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04053362

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	As-AA46 As % 0.01	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	ME-XRF05 Se ppm 2	Hg-CV41 Hg ppm 0.01
STANDARDS									
GXR-4								5	
Target Range - Lower Bound								3	
Upper Bound								9	
JWB-JV-1									1.01
JWB-JV-1				0.05	0.85	0.46			
JWB-JV-1									1.08
JWB-JV-1				0.05	0.84	0.44	0.92		
JWB-JV-1							0.95		
Target Range - Lower Bound				0.04	0.79	0.42	0.91		0.97
Upper Bound				0.06	0.87	0.48	0.99		1.13
OXM16		14.90							
OXM16		14.90							
OXM16		14.75							
OXM16		15.10							
Target Range - Lower Bound		14.05							
Upper Bound		16.25							
Pb-107				0.12	1.63	1.81	2.79		
Pb-107				0.12	1.66	1.83	2.72		
Target Range - Lower Bound					1.54	1.75	2.69		
Upper Bound					1.68	1.89	2.91		
BLANKS									
BLANK								<2	
BLANK			<5						
BLANK		<0.05							
BLANK		<0.05							
BLANK									<0.01
BLANK			<5						
BLANK				<0.01	<0.01	<0.01	<0.01		
BLANK									<0.01
BLANK		<0.05							
BLANK				<0.01	<0.01	<0.01	<0.01		
BLANK		<0.05							
BLANK					<0.01				
BLANK							<0.01		
Target Range - Lower Bound		<0.05	<5	<0.01	<0.01	<0.01	<0.01	<2	<0.01
Upper Bound		0.10	10	0.02	0.02	0.02	0.02	4	0.02

Comments: Au-GRA21 and Ag-GRA21 results are based on 5g or 10g fusion. NSS is non-sufficient sample.

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VANCOUVER BC V6C 2B3

Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04053362

Sample Description	Method / Analyte / Units / LOR	Au-GRA21 Au ppm 0.05	Ag-GRA21 Ag ppm 5	As-AA46 As % 0.01	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	ME-XRF05 Se ppm 2	Hg-CV41 Hg ppm 0.01
DUPLICATES									
ORIGINAL							7.24		
DUP							7.35		
Target Range - Lower Bound							7.09		
Upper Bound							7.50		
M179858		4.64							
DUP		<0.05							
Target Range - Lower Bound		2.13							
Upper Bound		2.56							
M179859			76						
DUP			<5						
Target Range - Lower Bound			28						
Upper Bound			53						
M179860		NSS	NSS	0.02	2.46	1.32	20.9	17	0.99
DUP				0.02	2.42	1.31	21.1	20	0.94
Target Range - Lower Bound				<0.01	2.36	1.26	20.5	14	0.90
Upper Bound				0.04	2.52	1.37	21.5	23	1.03
M179861				0.01	2.50	1.17	20.1		2.53
DUP				0.02	2.47	1.21	20.5		2.49
Target Range - Lower Bound				<0.01	2.39	1.14	19.75		2.36
Upper Bound				0.02	2.56	1.24	20.8		2.66

Comments: Au-GRA21 and Ag-GRA21 results are based on 5g or 10g fusion. NSS is non-sufficient sample.

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

Finalized Date: 3-SEP-2004
Account: MPO

CERTIFICATE VA04056037

Project: Wolverine 1614

P.O. No.:

This report is for 23 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 19-AUG-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	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-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

RECEIVED
SEP - 9 2004

To: **EXPATRIATE RESOURCES LTD.**
ATTN: ACCOUNTS PAYABLE
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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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To: EXPATRIATE RESOURCES LTD.
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VANCOUVER BC V6C 2B3

Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04056037

Sample Description	Method	WEI-21	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	Recvd Wt.	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
179501		0.76	75.8	7.56	3.37	2.64	1.90	0.11	2.33	0.02	0.46	0.22	0.18	0.02	0.92	4.25
179502		0.44	79.6	9.21	2.20	0.70	0.60	4.60	0.29	<0.01	0.19	0.20	0.04	0.02	0.12	1.02
179503		0.54	78.8	7.37	3.26	1.10	1.76	0.08	2.09	0.01	0.38	0.21	0.07	0.02	0.93	2.99
179504		0.56	76.7	9.80	4.42	0.12	1.84	0.03	2.15	0.02	0.63	0.03	0.06	<0.01	1.66	2.29
179505		0.44	86.2	5.13	2.40	0.54	1.25	0.16	1.39	0.01	0.28	0.08	0.01	0.01	0.69	1.22
179506		0.38	74.7	10.10	4.41	0.50	1.66	0.06	2.40	0.02	0.63	0.05	0.20	0.01	1.52	4.30
179507		0.44	84.9	3.35	2.98	0.57	0.26	<0.01	0.09	0.02	0.14	0.80	<0.01	0.01	4.63	2.08
179508		0.62	41.9	6.04	24.2	1.70	0.70	1.82	0.11	0.01	0.37	0.07	0.04	0.09	16.70	1.97
179509		0.46	76.1	5.47	3.55	4.34	1.16	0.03	0.99	0.02	0.35	0.09	0.23	0.02	1.78	5.78
179510		0.42	71.6	8.51	6.66	1.13	1.48	0.05	1.96	0.02	0.54	0.07	0.07	0.02	1.22	5.79
179511		0.50	77.4	6.41	4.86	1.70	1.56	0.04	1.61	0.02	0.38	0.07	0.20	0.04	0.93	4.85
179512		0.46	82.5	6.92	3.24	0.34	1.39	0.05	1.44	0.01	0.41	0.02	0.09	0.01	0.91	2.49
179513		0.50	92.4	2.03	1.23	0.29	0.46	0.07	0.41	0.01	0.10	0.02	<0.01	0.01	0.32	1.05
179514		0.58	11.85	0.50	6.69	43.1	0.25	0.04	0.13	<0.01	0.04	0.30	0.09	0.10	0.21	27.6
179515		0.88	45.9	2.30	10.00	20.8	1.13	0.02	0.59	0.01	0.09	0.64	0.09	0.06	0.23	15.75
179516		0.52	62.7	18.35	3.04	1.68	2.05	0.12	5.12	<0.01	0.33	0.06	0.03	0.01	1.44	5.55
179517		0.58	89.6	2.63	0.98	1.60	0.32	<0.01	0.30	0.01	0.11	0.02	<0.01	0.02	2.74	1.66
179518		0.68	85.2	5.10	3.17	0.70	0.62	0.01	1.58	0.01	0.21	0.03	<0.01	<0.01	0.66	2.60
179519		0.48	65.9	5.31	4.35	4.68	0.56	0.02	1.46	0.03	0.18	0.01	3.50	0.02	1.15	12.70
179520		0.62	59.1	3.38	4.12	11.40	0.33	<0.01	0.25	0.03	0.13	0.04	5.87	0.04	4.32	10.90
179521		0.48	32.6	18.65	24.4	0.47	13.90	0.01	0.02	<0.01	0.45	0.13	0.15	<0.01	0.01	7.97
179522		0.64	71.3	10.60	6.76	0.68	4.20	0.08	1.96	<0.01	0.28	0.06	0.05	<0.01	0.33	3.58
179523		0.48	65.6	10.75	10.45	0.46	6.86	0.04	0.92	<0.01	0.29	0.10	0.08	<0.01	0.11	4.30

Comments: Low whole rock totals for samples 179508 and 179514. Results were checked with a retest.

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

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

Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04056037

Sample Description	Method	ME-ICP06	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	Total	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga	Gd	Hf	Ho
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	1	0.5	0.5	0.5	10	0.1	5	0.1	0.1	0.1	1	0.1	1	0.1
179501		99.8	<1	7620	46.6	9.8	120	5.1	68	3.6	2.2	0.9	13	4.1	4	0.7
179502		98.8	<1	972	72.3	6.3	30	2.1	28	4.3	2.8	0.8	13	5.1	6	0.8
179503		99.1	<1	7230	43.8	10.9	90	5.2	47	3.0	1.7	0.7	14	3.2	3	0.5
179504		99.8	<1	>10000	54.3	18.8	130	5.1	81	4.7	3.2	1.2	17	5.4	6	1.0
179505		99.4	<1	5880	33.9	13.2	100	4.8	219	2.0	1.2	0.5	11	2.6	2	0.3
179506		100.5	1	>10000	57.3	13.4	130	10.2	88	4.7	2.8	1.4	17	5.2	5	0.9
179507		99.8	1	>10000	15.5	4.5	100	0.5	58	1.2	0.9	0.6	4	1.6	1	0.2
179508		95.7	<1	>10000	24.6	3.0	60	0.9	<5	1.6	0.9	1.5	9	2.5	3	0.3
179509		99.9	1	>10000	35.6	6.6	120	3.1	27	4.1	2.4	1.3	8	4.7	4	0.8
179510		99.1	1	9580	49.8	16.0	120	8.0	96	4.7	3.0	1.4	14	5.1	5	1.0
179511		100.0	1	7490	47.7	15.0	130	6.5	68	5.4	3.5	1.2	10	5.7	3	1.2
179512		99.8	1	7120	36.9	5.5	90	5.9	29	2.6	1.7	0.5	12	3.1	3	0.5
179513		98.4	<1	2630	9.9	3.0	80	1.7	26	1.0	0.4	0.3	4	1.1	1	0.1
179514		90.9	<1	769	10.6	2.1	20	0.4	25	1.6	2.0	0.4	1	1.2	<1	0.4
179515		97.6	<1	1845	19.3	4.7	40	2.9	61	3.6	2.3	1.0	4	3.0	1	0.7
179516		100.5	<1	>10000	153.5	1.5	20	24.6	26	15.4	10.2	2.0	40	14.0	23	3.3
179517		100.0	<1	>10000	14.9	3.5	60	0.7	34	1.6	0.9	0.3	5	1.8	1	0.3
179518		99.9	1	4950	30.4	6.3	90	2.8	64	2.4	1.4	0.8	9	2.9	2	0.5
179519		99.9	382	9060	39.2	5.7	190	2.7	2520	9.4	5.2	2.5	12	10.9	1	1.9
179520		99.9	7	>10000	27.4	3.1	200	0.9	81	7.8	5.6	2.0	5	8.3	1	1.9
179521		98.8	1	103.0	99.4	21.2	10	0.5	458	6.7	4.9	<0.1	45	7.0	14	1.4
179522		99.9	<1	2650	89.6	6.3	30	7.5	50	6.8	4.0	0.1	24	6.5	8	1.3
179523		100.0	<1	905	89.6	9.9	10	4.3	22	6.4	3.9	0.3	20	7.1	8	1.3

Comments: Low whole rock totals for samples 179508 and 179514. Results were checked with a retest.

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04056037

Sample Description	Method / Analyte / Units / LOR	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	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.5	ME-MS81 Tb ppm 0.1	ME-MS81 Th ppm 1
179501		25.5	0.3	4	8	21.6	74	13	5.9	95.9	4.2	2	196.5	0.6	0.6	7
179502		34.9	0.4	2	9	28.5	20	26	7.8	13.8	5.9	2	223	0.8	0.7	14
179503		17.0	0.2	<2	7	15.6	43	13	4.1	85.3	3.3	2	177.5	0.5	0.5	6
179504		28.9	0.5	<2	9	25.5	131	17	6.9	92.9	5.2	2	52.5	0.7	0.8	9
179505		13.3	0.2	<2	5	12.4	46	20	3.1	63.3	2.7	2	49.0	<0.5	0.3	4
179506		29.5	0.4	3	10	26.5	80	20	7.1	122.0	5.5	2	113.5	0.7	0.8	9
179507		8.3	0.1	49	3	7.2	29	10	1.8	4.7	1.4	1	141.5	<0.5	0.2	2
179508		13.4	0.2	2	5	9.4	13	9	2.5	6.0	2.2	2	810	0.7	0.2	5
179509		19.7	0.3	2	6	17.7	45	18	4.7	49.7	4.1	1	194.5	0.5	0.7	5
179510		29.3	0.4	6	9	25.0	188	38	6.6	102.5	5.0	2	215	0.6	0.8	8
179511		27.4	0.5	7	6	26.4	140	72	6.7	86.7	5.5	2	373	0.5	0.9	6
179512		18.7	0.2	<2	7	17.0	33	76	4.4	79.7	3.4	2	90.3	0.5	0.4	5
179513		4.7	<0.1	<2	2	4.7	24	15	1.1	23.8	1.0	1	52.4	<0.5	0.1	1
179514		14.0	0.7	11	1	5.0	<5	225	1.4	4.8	0.8	1	777	<0.5	0.2	<1
179515		9.8	0.3	4	1	11.0	25	70	2.6	24.2	2.9	1	520	<0.5	0.5	1
179516		67.5	1.5	6	67	70.5	9	14	18.8	221	15.0	13	88.5	5.1	2.3	38
179517		7.8	0.1	<2	3	7.4	32	21	1.9	11.6	1.7	1	193.5	<0.5	0.2	2
179518		14.8	0.2	<2	6	13.4	62	73	3.5	68.4	2.8	2	26.4	<0.5	0.4	5
179519		29.3	0.5	83	6	31.4	155	1680	7.3	50.2	8.2	23	159.0	0.5	1.6	4
179520		30.8	0.7	23	2	30.0	132	49	7.1	10.8	6.2	1	358	<0.5	1.2	2
179521		47.6	0.7	4	32	37.0	6	18	10.8	0.9	7.0	2	11.0	2.9	1.0	41
179522		45.0	0.5	3	20	34.3	6	11	10.1	70.4	6.9	8	26.5	1.7	1.1	23
179523		45.6	0.5	2	20	36.7	5	14	10.4	32.6	7.2	6	11.6	1.7	1.1	24

Comments: Low whole rock totals for samples 179508 and 179514. Results were checked with a retest.

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04056037

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	0.1	0.5	5	1	0.5	0.1	5	0.5
179501		<0.5	0.3	3.1	124	3	21.9	2.2	112	144.5
179502		<0.5	0.4	3.6	29	3	26.6	2.9	53	193.0
179503		<0.5	0.2	1.5	82	3	14.8	1.9	74	107.0
179504		<0.5	0.4	2.7	162	2	27.9	3.3	174	185.0
179505		<0.5	0.2	1.2	71	3	10.2	1.3	69	77.3
179506		0.5	0.4	11.0	182	7	27.6	3.0	162	176.0
179507		<0.5	0.1	1.0	24	1	7.2	1.1	27	34.8
179508		<0.5	0.1	0.8	176	3	8.0	1.2	106	95.8
179509		<0.5	0.3	3.0	87	2	25.6	2.4	99	133.0
179510		<0.5	0.4	3.4	181	3	26.2	3.1	278	170.0
179511		0.5	0.5	6.4	154	2	34.6	3.6	421	108.5
179512		0.5	0.2	1.8	98	2	15.6	1.6	89	105.0
179513		<0.5	<0.1	0.7	36	<1	4.0	0.4	62	30.2
179514		0.5	0.4	0.6	127	<1	19.8	3.3	13	13.6
179515		1.0	0.3	0.5	93	1	19.8	2.4	42	21.6
179516		5.4	1.5	10.9	41	2	89.1	10.4	62	654
179517		<0.5	0.1	0.7	56	<1	7.9	1.0	27	36.1
179518		1.4	0.2	1.5	147	1	12.0	1.6	71	72.4
179519		14.4	0.7	39.0	1560	6	70.1	3.8	5470	48.1
179520		3.0	0.8	18.4	376	4	83.1	5.0	543	32.1
179521		<0.5	0.7	11.2	28	10	39.9	5.1	357	428
179522		6.2	0.6	6.2	19	6	38.2	3.9	99	249
179523		2.5	0.6	6.1	14	6	37.0	3.7	136	258

Comments: Low whole rock totals for samples 179508 and 179514. Results were checked with a retest.

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 3-SEP-2004
Account: MPO

QC CERTIFICATE VA04056037

Project: Wolverine 1614

P.O. No.:

This report is for 23 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 19-AUG-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	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-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

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:

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Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04056037

Sample Description	Method Analyte Units LOR	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	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	ME-ICP06 LOI % 0.01	ME-ICP06 Total % 0.01
STANDARDS																
SY-4		49.9	20.5	6.13	8.00	0.53	7.10	1.66	<0.01	0.28	0.11	0.13	0.14	0.04	4.56	99.1
SY-4		50.8	20.7	6.27	8.21	0.54	7.16	1.68	<0.01	0.28	0.11	0.12	0.14	0.08	4.56	100.5
SY-4		50.0	20.4	6.24	8.12	0.54	7.12	1.66	<0.01	0.29	0.11	0.14	0.14	0.04	4.56	99.4
SY-4		50.2	20.6	6.22	8.02	0.54	7.17	1.68	<0.01	0.29	0.11	0.13	0.14	0.04	4.56	99.7
Target Range - Lower Bound		47.4	19.65	6.89	7.64	0.50	6.74	1.57	<0.01	0.26	0.09	0.11	0.12	0.03	4.32	95.0
Upper Bound		52.4	21.7	6.53	8.46	0.58	7.47	1.75	0.02	0.31	0.12	0.15	0.16	0.06	4.80	102.0
BLANKS																
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.14
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.14
Target Range - Lower Bound		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Upper Bound		0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
DUPLICATES																
ORIGINAL		75.2	10.75	1.52	0.68	0.39	2.17	4.38	0.04	0.18	0.04	0.07	0.03	0.14	2.01	97.6
DUP		75.6	10.75	1.59	0.73	0.41	2.13	4.30	0.04	0.18	0.04	<0.01	0.03	0.15	2.01	98.0
Target Range - Lower Bound		73.5	10.45	1.50	0.67	0.37	2.08	4.21	0.02	0.16	0.02	0.02	<0.01	0.12	1.94	95.3
Upper Bound		77.3	11.05	1.61	0.74	0.43	2.22	4.47	0.06	0.20	0.06	0.06	0.05	0.17	2.08	100.5
179510		71.6	8.51	6.66	1.13	1.48	0.05	1.96	0.02	0.54	0.07	0.07	0.02	1.22	5.79	99.1
DUP		72.2	8.54	6.78	1.14	1.49	0.05	1.96	0.02	0.54	0.08	0.06	0.02	1.22	5.66	99.8
Target Range - Lower Bound		70.1	8.29	6.53	1.09	1.43	0.03	1.89	<0.01	0.51	0.05	0.04	<0.01	1.17	5.56	96.9
Upper Bound		73.7	8.76	6.91	1.18	1.54	0.07	2.03	0.04	0.57	0.10	0.09	0.04	1.27	5.89	102.0

Comments: Low whole rock totals for samples 179508 and 179514. Results were checked with a retest.

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Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04056037

Sample Description	Method Analyte Units LOR	ME-MS81 Ag ppm 1	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Co ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.1	ME-MS81 Cu ppm 5	ME-MS81 Dy ppm 0.1	ME-MS81 Er ppm 0.1	ME-MS81 Eu ppm 0.1	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
STANDARDS																
SY-4		<1	334	124.0	2.6	10	1.5	<5	18.4	14.4	2.0	38	14.4	11	4.3	58.5
SY-4		<1	630	117.0	2.9	20	1.5	<5	17.7	14.0	1.9	39	13.4	11	4.2	58.2
SY-4																
SY-4																
Target Range - Lower Bound		<1	306	109.5	2.0	<10	1.3	<5	16.3	12.7	1.7	31	12.5	9	3.8	51.7
Upper Bound		2	375	134.5	3.6	20	1.8	10	20.1	15.7	2.3	40	15.5	13	4.8	64.3
BLANKS																
BLANK		<1	0.6	<0.5	<0.5	10	<0.1	<5	0.1	<0.1	0.1	<1	<0.1	<1	<0.1	0.5
BLANK																
Target Range - Lower Bound		<1	<0.5	<0.5	<0.5	<10	<0.1	<5	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.5
Upper Bound		2	1.0	1.0	1.0	20	0.2	10	0.2	0.2	0.2	2	0.2	2	0.2	1.0
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
179510		1	9580	49.8	16.0	120	8.0	96	4.7	3.0	1.4	14	5.1	5	1.0	29.3
DUP		1	9820	49.2	15.2	120	7.7	97	4.8	3.1	1.6	13	4.9	5	1.0	27.0
Target Range - Lower Bound		<1	9210	46.0	13.8	90	7.3	82	4.3	2.7	1.2	11	4.6	3	0.8	25.7
Upper Bound		2	>10000	53.0	17.4	150	8.4	111	5.2	3.4	1.8	16	5.5	7	1.3	30.6

Comments: Low whole rock totals for samples 179508 and 179514. Results were checked with a retest.

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Finalized Date: 3-SEP-2004
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Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04056037

Sample Description	Method Analyte Units LOR	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	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
STANDARDS																
SY-4		2.0	<2	13	57.3	13	12	15.1	53.1	13.0	8	1225	0.9	2.6	1	<0.5
SY-4		2.0	<2	13	56.7	10	13	14.8	52.6	12.0	8	1220	0.9	2.6	1	<0.5
SY-4																
SY-4																
Target Range - Lower Bound		1.8	<2	11	50.8	<5	<5	13.4	49.3	11.3	5	1070	<0.5	2.2	<1	<0.5
Upper Bound		2.4	4	15	63.2	10	16	16.6	60.7	14.1	9	1310	1.0	3.0	2	1.0
BLANKS																
BLANK		<0.1	<2	<1	<0.5	<5	5	<0.1	<0.2	<0.1	1	0.1	<0.5	<0.1	<1	<0.5
BLANK																
Target Range - Lower Bound		<0.1	<2	<1	<0.5	<5	<5	<0.1	<0.2	<0.1	<1	<0.1	<0.5	<0.1	<1	<0.5
Upper Bound		0.2	4	2	1.0	10	< 10	0.2	0.4	0.2	2	0.2	1.0	0.2	2	1.0
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
179510		0.4	6	9	25.0	188	38	6.6	102.5	5.0	2	215	0.6	0.8	8	<0.5
DUP		0.4	6	9	24.1	182	30	6.2	105.0	5.1	2	200	0.7	0.7	7	0.5
Target Range - Lower Bound		0.2	<2	7	22.3	166	22	5.9	98.2	4.6	<1	197.0	<0.5	0.5	5	<0.5
Upper Bound		0.6	10	11	26.8	204	46	6.9	109.5	5.5	4	218	1.0	1.0	10	1.0

Comments: Low whole rock totals for samples 179508 and 179514. Results were checked with a retest.

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701-475 HOWE ST
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Finalized Date: 3-SEP-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04056037

Sample Description	Method / Analyte / Units / LOR	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
STANDARDS									
SY-4		2.3	0.8	9	<1	116.0	15.0	91	493
SY-4		2.2	1.0	10	2	114.5	14.5	99	518
SY-4									
SY-4									
Target Range - Lower Bound		2.0	<0.5	<5	<1	106.5	13.2	79	465
Upper Bound		2.6	1.0	10	2	131.5	16.4	107	569
BLANKS									
BLANK		<0.1	<0.5	<5	<1	<0.5	<0.1	<5	0.8
BLANK									
Target Range - Lower Bound		<0.1	<0.5	<5	<1	<0.5	<0.1	<5	<0.5
Upper Bound		0.2	1.0	10	2	1.0	0.2	10	1.0
DUPLICATES									
ORIGINAL									
DUP									
Target Range - Lower Bound									
Upper Bound									
179510		0.4	3.4	181	3	26.2	3.1	278	170.0
DUP		0.4	3.4	179	3	26.9	3.0	250	160.5
Target Range - Lower Bound		0.2	2.2	161	<1	24.2	2.7	241	156.0
Upper Bound		0.6	4.6	199	5	28.9	3.4	287	174.5

Comments: Low whole rock totals for samples 179508 and 179514. Results were checked with a retest.

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

Finalized Date: 8-OCT-2004
Account: MPO

CERTIFICATE VA04062242

Project: Wolverine 1614

P.O. No.:

This report is for 19 Drill Core 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

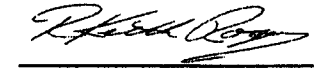
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
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

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: 

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

Finalized Date: 8-OCT-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04062242

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	ME-ICP06 LOI % 0.01
179524		0.52	72.5	0.60	13.60	0.40	0.10	<0.01	0.04	0.05	0.02	0.05	0.13	0.03	8.17	1.84
179525		0.66	89.3	2.77	1.26	0.23	0.24	<0.01	0.22	0.05	0.11	0.02	0.04	0.02	3.95	2.41
179526		0.48	84.6	4.04	2.89	1.41	1.16	0.02	0.86	0.04	0.23	0.04	0.06	0.03	0.56	4.74
179527		0.60	87.2	3.68	2.04	0.57	0.78	0.06	0.78	0.04	0.21	0.03	0.05	0.01	0.63	3.31
179528		0.60	82.6	2.80	6.69	1.08	1.10	<0.01	0.23	0.05	0.13	0.09	0.05	0.04	1.39	4.00
179529		0.36	91.6	2.37	2.03	0.16	0.26	<0.01	0.71	0.05	0.10	0.01	0.03	<0.01	0.33	2.87
179530		0.48	10.15	0.97	8.47	44.9	0.30	0.02	0.19	0.01	0.04	0.37	0.50	0.08	0.14	27.8
179531		0.50	81.6	2.71	6.79	0.28	0.22	0.01	0.75	0.04	0.11	0.01	0.14	<0.01	0.47	5.76
179532		0.56	49.3	3.81	8.50	13.95	0.69	<0.01	1.06	0.04	0.16	0.34	0.23	0.04	0.52	11.50
179533		0.52	92.0	2.51	1.86	0.55	0.29	0.02	0.72	0.05	0.10	0.03	0.19	<0.01	0.29	1.67
179534		0.44	87.4	1.57	0.96	4.58	0.16	<0.01	0.04	0.05	0.05	0.04	1.06	0.06	1.05	3.13
179535		0.46	82.6	5.25	3.59	1.28	0.67	<0.01	1.42	0.04	0.24	0.03	0.03	<0.01	0.74	1.70
179536		0.60	72.5	3.89	3.04	8.44	0.54	0.02	1.36	0.04	0.18	0.11	0.57	0.03	0.08	6.70
179537		0.48	57.8	10.55	6.39	3.62	5.03	0.08	3.36	0.02	0.30	0.10	0.14	0.02	0.60	7.27
179538		0.64	57.7	6.30	8.86	6.36	4.98	0.01	2.02	0.02	0.19	0.13	0.05	0.02	0.60	10.55
179539		0.66	64.0	5.27	8.43	1.74	0.59	0.01	1.53	0.05	0.19	0.01	0.63	0.01	0.72	14.35
179540		0.74	30.7	7.36	10.55	11.55	7.98	0.05	2.11	0.02	0.17	0.16	0.26	0.03	0.74	13.30
179541		0.50	63.1	10.00	9.24	0.37	8.05	0.02	0.88	0.02	0.28	0.07	0.05	<0.01	0.28	5.16
179542		0.52	67.1	9.99	7.41	0.67	5.70	0.05	1.42	0.02	0.26	0.06	0.01	<0.01	0.26	4.52

Comments: Low whole rock totals for samples 179530, 179532, 179537 and 179540. Results were checked with a retest.

ALS Chemex

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

Finalized Date: 8-OCT-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04062242

Sample Description	Method	ME-ICP06	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	Total	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga	Gd	Hf	Ho
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	1	0.5	0.5	0.5	10	0.1	5	0.1	0.1	0.1	1	0.1	1	0.1
179524		97.5	<1	>10000	3.2	4.0	420	0.3	18	0.4	0.2	1.4	2	0.8	<1	0.1
179525		100.5	<1	>10000	18.8	6.0	420	1.6	70	1.8	0.9	1.2	5	2.5	1	0.3
179526		100.5	<1	4620	19.1	5.6	310	3.8	44	1.8	1.2	0.5	7	2.1	2	0.3
179527		99.4	<1	5170	16.6	6.6	290	3.5	61	1.7	1.0	0.5	7	1.8	2	0.3
179528		100.0	<1	>10000	13.6	6.0	400	1.5	23	1.5	1.1	0.5	6	1.6	1	0.3
179529		100.5	<1	2680	10.8	3.9	390	2.1	41	1.0	0.5	0.3	5	1.2	1	0.2
179530		93.9	1	1115	10.2	3.2	50	0.4	22	1.2	0.9	0.3	2	1.1	<1	0.2
179531		98.9	1	4000	13.4	4.7	330	2.1	55	1.8	1.2	0.3	5	1.8	1	0.3
179532		90.1	2	4590	21.0	5.2	270	4.0	60	2.6	1.7	0.7	7	2.5	1	0.5
179533		100.5	<1	2410	17.9	5.7	410	2.6	35	1.2	0.6	0.5	4	2.1	1	0.2
179534		100.0	<1	9000	13.4	4.2	450	0.1	51	3.1	1.9	0.7	3	2.8	1	0.6
179535		97.6	<1	5920	24.5	7.1	370	2.4	63	1.9	1.3	0.5	9	2.4	2	0.4
179536		97.5	1	650	31.7	6.2	340	2.3	46	3.4	2.3	0.8	6	3.9	1	0.7
179537		95.3	<1	4690	66.3	8.3	170	40.7	82	5.0	3.0	0.5	19	5.9	7	0.9
179538		97.8	1	4940	49.8	8.0	200	7.3	635	4.7	2.7	0.5	12	4.8	5	0.9
179539		97.5	16	5790	16.2	9.6	410	3.8	426	2.3	1.4	0.6	10	2.9	1	0.4
179540		85.0	5	6500	54.7	16.0	180	11.9	669	4.2	2.7	0.8	19	5.1	5	0.8
179541		97.5	<1	2270	77.1	13.2	140	8.9	36	4.4	2.9	0.2	21	5.6	8	0.9
179542		97.5	<1	2060	72.1	12.1	200	5.3	23	5.8	3.7	0.4	17	6.4	7	1.1

Comments: Low whole rock totals for samples 179530, 179532, 179537 and 179540. Results were checked with a retest.

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 8-OCT-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04062242

Sample Description	Method Analyte Units LOR	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	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.5	ME-MS81 Tb ppm 0.1	ME-MS81 Th ppm 1
179524		3.2	0.1	6	1	2.0	28	5	0.3	2.7	0.6	1	323	0.5	0.1	<1
179525		10.2	0.1	3	2	10.6	49	23	2.7	13.3	2.4	1	144.5	0.5	0.3	2
179526		10.4	0.2	2	4	9.6	58	6	2.6	50.2	2.0	1	261	<0.5	0.3	3
179527		8.7	0.1	<2	3	8.2	68	7	2.2	45.9	1.6	1	113.0	<0.5	0.3	2
179528		6.8	0.2	3	2	6.6	39	<5	1.7	14.6	1.5	1	364	<0.5	0.2	2
179529		5.7	0.1	7	2	5.5	24	136	1.4	36.1	1.2	1	10.2	<0.5	0.2	1
179530		9.2	0.1	12	1	4.8	16	365	1.3	6.8	1.0	1	731	<0.5	0.2	<1
179531		8.2	0.1	13	2	7.7	27	358	1.9	34.4	1.7	1	10.4	<0.5	0.3	2
179532		11.5	0.3	9	3	11.4	32	1135	3.0	50.1	2.4	1	421	<0.5	0.4	3
179533		12.8	0.1	<2	3	11.2	25	36	3.1	30.4	2.1	1	25.5	<0.5	0.2	2
179534		7.2	0.2	3	1	8.4	34	8	1.9	2.4	2.3	1	554	<0.5	0.5	1
179535		13.3	0.2	<2	4	11.0	61	9	2.7	65.3	2.0	2	40.7	<0.5	0.3	4
179536		23.5	0.3	3	8	17.9	38	12	4.3	54.8	3.4	1	303	<0.5	0.5	4
179537		34.7	0.4	<2	16	27.6	6	<5	7.2	156.0	5.1	11	149.5	1.2	0.8	19
179538		25.2	0.3	2	12	21.1	7	22	5.5	85.2	4.0	7	213	1.0	0.7	14
179539		14.2	0.2	114	5	13.2	296	293	3.0	56.1	2.6	7	62.3	<0.5	0.4	4
179540		29.9	0.3	9	9	23.1	18	75	6.1	96.2	4.2	6	292	1.1	0.7	17
179541		37.0	0.4	2	19	31.0	6	6	8.1	38.4	5.7	4	12.8	1.5	0.7	20
179542		36.3	0.4	<2	18	29.7	6	5	7.7	48.3	5.8	6	19.1	1.4	0.9	21

Comments: Low whole rock totals for samples 179530, 179532, 179537 and 179540. Results were checked with a retest.

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

Finalized Date: 8-OCT-2004
Account: MPO

Project: Wolverine 1614

CERTIFICATE OF ANALYSIS VA04062242

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	0.1	0.5	5	1	0.5	0.1	5	0.5
179524		<0.5	<0.1	<0.5	10	4	3.7	0.4	77	9.6
179525		<0.5	0.1	0.5	85	3	8.3	1.0	1200	28.2
179526		<0.5	0.1	1.5	68	6	10.8	1.2	91	72.0
179527		<0.5	0.1	1.2	64	2	9.4	1.2	106	59.3
179528		<0.5	0.1	0.5	32	3	8.7	1.2	91	39.9
179529		1.3	0.1	<0.5	91	2	4.3	0.6	114	28.9
179530		<0.5	0.1	0.9	110	1	10.9	1.0	65	10.4
179531		2.2	0.1	<0.5	186	2	11.2	1.1	2640	24.1
179532		2.0	0.2	1.2	176	3	15.2	1.8	371	39.4
179533		0.7	<0.1	0.7	77	2	6.8	0.6	31	37.6
179534		<0.5	0.2	0.5	9	8	18.9	1.8	32	20.7
179535		<0.5	0.1	1.2	124	3	11.6	1.4	52	68.3
179536		<0.5	0.3	1.6	169	5	25.6	2.3	83	47.0
179537		12.0	0.4	5.0	6	5	28.6	2.9	176	247
179538		6.4	0.3	3.9	<5	5	26.7	2.4	138	163.5
179539		9.9	0.1	17.4	3330	7	17.0	1.3	8360	44.2
179540		9.5	0.3	5.8	261	7	26.3	2.6	>10000	141.0
179541		4.1	0.4	6.7	10	6	26.2	2.8	408	242
179542		2.0	0.5	6.3	<5	6	35.6	3.6	138	232

Comments: Low whole rock totals for samples 179530, 179532, 179537 and 179540. Results were checked with a retest.

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 8-OCT-2004
Account: MPO

QC CERTIFICATE VA04062242

Project: Wolverine 1614

P.O. No.:

This report is for 19 Drill Core 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

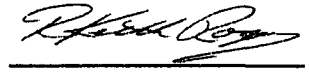
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
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

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: 

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VANCOUVER BC V6C 2B3

Finalized Date: 8-OCT-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04062242

Sample Description	Method Analyte Units LOR	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	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	ME-ICP06 LOI % 0.01	ME-ICP06 Total % 0.01
STANDARDS																
SY-4		49.5	20.8	6.08	7.88	0.53	7.09	1.66	<0.01	0.27	0.10	0.12	0.14	0.04	4.56	98.8
SY-4		49.8	20.8	6.17	8.06	0.54	7.03	1.64	<0.01	0.28	0.10	0.11	0.14	0.04	4.56	99.3
SY-4		49.6	20.5	6.17	7.97	0.54	7.12	1.64	<0.01	0.28	0.11	0.12	0.14	0.04	4.56	98.8
SY-4		50.4	20.8	6.32	8.17	0.55	7.16	1.66	<0.01	0.29	0.11	0.15	0.14	0.04	4.56	100.5
SY-4		50.9	21.1	6.30	8.19	0.54	7.26	1.68	<0.01	0.29	0.11	0.14	0.14	0.04	4.56	101.0
SY-4		49.0	20.3	6.12	7.94	0.53	6.97	1.64	<0.01	0.28	0.11	0.15	0.14	0.04	4.56	97.8
SY-4		50.2	20.6	6.14	7.85	0.54	7.26	1.66	<0.01	0.29	0.11	0.14	0.14	0.04	4.56	99.5
SY-4		50.8	20.6	6.26	8.14	0.54	7.10	1.64	<0.01	0.29	0.11	0.15	0.14	0.04	4.56	100.5
Target Range - Lower Bound		47.4	19.65	5.89	7.64	0.50	6.74	1.57	<0.01	0.26	0.09	0.11	0.12	0.03	4.32	95.0
Upper Bound		52.4	21.7	6.53	8.46	0.58	7.47	1.75	0.02	0.31	0.12	0.15	0.16	0.05	4.80	102.0
BLANKS																
BLANK		0.01	0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.06
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Target Range - Lower Bound		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Upper Bound		0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
DUPLICATES																
179542		67.1	9.99	7.41	0.67	5.70	0.05	1.42	0.02	0.26	0.06	0.01	<0.01	0.26	4.52	97.5
DUP		67.2	9.92	7.38	0.67	5.70	0.05	1.42	0.02	0.25	0.06	0.06	<0.01	0.26	4.52	97.5
Target Range - Lower Bound		65.5	9.69	7.19	0.63	5.54	0.03	1.36	<0.01	0.23	0.04	<0.01	<0.01	0.23	4.39	95.0
Upper Bound		68.8	10.20	7.60	0.71	5.86	0.07	1.48	0.04	0.28	0.08	0.08	0.02	0.29	4.65	100.0
M179652		14.80	0.68	5.58	44.6	0.40	0.01	0.14	0.01	0.04	0.42	0.11	0.05	0.11	30.4	97.4
DUP		15.10	0.67	5.38	44.5	0.39	0.01	0.13	0.01	0.04	0.40	0.09	0.05	0.10	30.6	97.5
Target Range - Lower Bound		14.55	0.64	5.32	43.4	0.37	<0.01	0.11	<0.01	0.02	0.38	0.08	0.03	0.08	29.7	95.0
Upper Bound		15.35	0.71	5.64	45.7	0.42	0.02	0.16	0.02	0.06	0.44	0.12	0.07	0.13	31.3	99.9

Comments: Low whole rock totals for samples 179530, 179532, 179537 and 179540. Results were checked with a retest.

ALS Chemex
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Phone: 604 984 0221 Fax: 604 984 0218

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

Finalized Date: 8-OCT-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04062242

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Ag ppm 1	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Co ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.1	ME-MS81 Cu ppm 5	ME-MS81 Dy ppm 0.1	ME-MS81 Er ppm 0.1	ME-MS81 Eu ppm 0.1	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
STANDARDS																
SY-4		<1	319	111.5	3.0	10	1.3	5	18.0	13.9	2.0	37	14.0	11	4.2	53.2
SY-4		<1	351	113.0	3.2	10	1.4	5	18.9	14.8	2.2	37	14.6	11	4.4	54.3
SY-4		<1	328	114.0	2.8	10	1.3	5	18.5	14.7	2.2	37	15.1	11	4.1	54.4
SY-4		<1	327	115.0	3.1	10	1.3	5	18.3	14.3	2.1	37	15.1	11	4.1	55.0
SY-4																
SY-4																
SY-4																
SY-4																
Target Range - Lower Bound		<1	306	109.5	2.0	<10	1.3	<5	16.3	12.7	1.7	31	12.5	9	3.8	51.7
Upper Bound		2	375	134.5	3.6	20	1.8	10	20.1	15.7	2.3	40	15.5	13	4.8	64.3
BLANKS																
BLANK		<1	<0.5	0.9	<0.5	<10	<0.1	<5	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	0.6
BLANK		<1	0.6	<0.5	<0.5	<10	<0.1	<5	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	0.7
BLANK																
BLANK																
Target Range - Lower Bound		<1	<0.5	<0.5	<0.5	<10	<0.1	<5	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.5
Upper Bound		2	1.0	1.0	1.0	20	0.2	10	0.2	0.2	0.2	2	0.2	2	0.2	1.0
DUPLICATES																
179542		<1	2060	72.1	12.1	200	5.3	23	5.8	3.7	0.4	17	6.4	7	1.1	36.3
DUP		<1	2090	71.7	12.4	210	5.4	23	5.5	3.5	0.4	17	6.1	7	1.1	35.0
Target Range - Lower Bound		<1	1970	67.3	10.6	170	4.9	12	5.2	3.2	0.2	14	5.7	5	0.8	32.9
Upper Bound		2	2180	76.5	13.9	240	5.8	34	6.1	4.0	0.6	20	6.8	9	1.4	38.4
M179652		<1	833	16.5	3.5	40	0.5	20	3.7	2.0	0.9	2	3.1	<1	0.7	8.7
DUP		<1	872	17.8	3.1	50	0.5	21	3.9	2.0	0.9	2	3.0	<1	0.7	8.9
Target Range - Lower Bound		<1	809	15.3	2.1	20	0.3	9	3.4	1.7	0.7	<1	2.7	<1	0.5	7.4
Upper Bound		2	896	19.0	4.5	70	0.7	32	4.2	2.3	1.1	4	3.4	2	0.9	10.2

Comments: Low whole rock totals for samples 179530, 179532, 179537 and 179540. Results were checked with a retest.

ALS Chemex
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To: EXPATRIATE RESOURCES LTD.
701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 8-OCT-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04062242

Sample Description	Method Analyte Units LOR	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	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
STANDARDS																
SY-4		1.9	<2	13	53.4	9	10	14.6	57.0	12.1	7	1200	0.8	2.7	1	<0.5
SY-4		2.1	<2	13	53.0	10	7	14.6	56.8	12.0	7	1210	0.8	2.7	1	<0.5
SY-4		1.9	<2	13	56.6	8	11	13.5	55.6	12.2	7	1235	0.8	2.6	1	<0.5
SY-4		2.0	<2	13	55.6	10	5	13.6	55.3	11.8	7	1235	0.8	2.7	1	<0.5
SY-4																
SY-4																
SY-4																
SY-4																
Target Range - Lower Bound		1.8	<2	11	50.8	<5	<5	13.4	49.3	11.3	5	1070	<0.5	2.2	<1	<0.5
Upper Bound		2.4	4	15	63.2	10	16	16.6	60.7	14.1	9	1310	1.0	3.0	2	1.0
BLANKS																
BLANK		<0.1	<2	<1	<0.5	<5	<5	<0.1	<0.2	<0.1	<1	<0.1	<0.5	<0.1	<1	<0.5
BLANK		<0.1	<2	<1	<0.5	<5	<5	<0.1	<0.2	<0.1	<1	<0.1	<0.5	<0.1	<1	<0.5
BLANK																
BLANK																
Target Range - Lower Bound		<0.1	<2	<1	<0.5	<5	<5	<0.1	<0.2	<0.1	<1	<0.1	<0.5	<0.1	<1	<0.5
Upper Bound		0.2	4	2	1.0	10	10	0.2	0.4	0.2	2	0.2	1.0	0.2	2	1.0
DUPLICATES																
179542		0.4	<2	18	29.7	6	5	7.7	48.3	5.8	6	19.1	1.4	0.9	21	2.0
DUP		0.4	<2	17	29.0	5	15	7.7	49.0	5.6	6	19.0	1.4	0.9	20	3.3
Target Range - Lower Bound		0.2	<2	15	26.9	<5	<5	7.1	45.8	5.2	4	17.9	<0.5	0.7	17	1.5
Upper Bound		0.6	4	20	31.8	10	21	8.3	51.6	6.2	8	20.2	2.5	1.1	24	3.8
M179552		0.2	3	1	9.6	13	18	2.4	6.5	2.7	1	453	<0.5	0.6	1	0.5
DUP		0.2	5	1	10.3	11	21	2.6	6.4	2.9	1	456	<0.5	0.6	1	<0.5
Target Range - Lower Bound		<0.1	<2	<1	8.5	<5	9	2.2	5.7	2.5	<1	432	<0.5	0.4	<1	<0.5
Upper Bound		0.4	8	2	11.4	23	30	2.8	7.2	3.1	2	477	1.0	0.8	2	1.0

Comments: Low whole rock totals for samples 179530, 179532, 179537 and 179540. Results were checked with a retest.

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

Finalized Date: 8-OCT-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04062242

Sample Description	Method / Analyte / Units / LOR	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
STANDARDS									
SY-4		2.1	0.7	<5	1	117.5	15.1	94	515
SY-4		2.2	0.8	<5	1	119.0	15.4	98	528
SY-4		2.1	0.7	<5	1	118.0	15.1	98	511
SY-4		2.1	0.7	<5	1	116.5	15.4	95	528
SY-4									
SY-4									
SY-4									
SY-4									
Target Range - Lower Bound		2.0	<0.5	<5	<1	106.5	13.2	79	465
Upper Bound		2.6	1.0	10	2	131.5	16.4	107	569
BLANKS									
BLANK		<0.1	<0.5	<5	1	<0.5	<0.1	<5	<0.5
BLANK		<0.1	<0.5	<5	1	<0.5	<0.1	<5	<0.5
BLANK									
BLANK									
Target Range - Lower Bound		<0.1	<0.5	<5	<1	<0.5	<0.1	<5	<0.5
Upper Bound		0.2	1.0	10	2	1.0	0.2	10	1.0
DUPLICATES									
179542		0.5	6.3	<5	6	35.6	3.6	138	232
DUP		0.4	6.1	<5	7	34.4	3.4	138	233
Target Range - Lower Bound		0.2	4.9	<5	4	32.3	3.1	121	220
Upper Bound		0.7	7.5	10	9	37.8	3.9	155	245
M179652		0.2	0.6	57	2	20.6	1.8	1060	15.6
DUP		0.3	0.7	53	1	21.3	2.0	1070	21.3
Target Range - Lower Bound		<0.1	<0.5	42	<1	18.9	1.6	1000	16.5
Upper Bound		0.5	1.0	68	2	23.0	2.2	1130	20.4

Comments: Low whole rock totals for samples 179530, 179532, 179537 and 179540. Results were checked with a retest.

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 8-OCT-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04062242

Sample Description	Method Analyte Units LOR	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	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	ME-ICP06 LOI % 0.01	ME-ICP06 Total % 0.01
DUPLICATES																
M179654		20.3	1.46	9.20	33.7	0.60	<0.01	0.04	0.01	0.06	0.51	0.30	0.05	0.29	24.5	91.0
DUP		21.1	1.56	9.38	34.0	0.64	<0.01	0.05	0.01	0.06	0.51	0.26	0.05	0.26	24.5	92.4
Target Range - Lower Bound		20.2	1.45	9.04	33.0	0.58	<0.01	0.02	<0.01	0.04	0.48	0.25	0.03	0.25	23.9	89.4
Upper Bound		21.2	1.57	9.54	34.7	0.66	0.02	0.07	0.02	0.08	0.54	0.31	0.07	0.30	25.1	94.0
ORIGINAL		77.6	10.10	3.05	2.44	1.46	2.26	1.52	0.03	0.25	0.08	<0.01	0.02	0.03	1.01	99.8
DUP		74.4	9.79	2.94	2.31	1.42	2.21	1.48	0.03	0.24	0.08	0.05	0.02	0.03	1.07	96.1
Target Range - Lower Bound		74.1	9.68	2.90	2.30	1.38	2.16	1.44	<0.01	0.22	0.06	<0.01	<0.01	<0.01	0.99	95.5
Upper Bound		77.9	10.20	3.09	2.45	1.50	2.31	1.56	0.05	0.27	0.10	0.05	0.04	0.05	1.09	100.5

Comments: Low whole rock totals for samples 179530, 179532, 179537 and 179540. Results were checked with a retest.

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 8-OCT-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04062242

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Ag ppm 1	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Co ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.1	ME-MS81 Cu ppm 5	ME-MS81 Dy ppm 0.1	ME-MS81 Er ppm 0.1	ME-MS81 Eu ppm 0.1	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
		DUPLICATES														
M179654 DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Low whole rock totals for samples 179530, 179532, 179537 and 179540. Results were checked with a retest.

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VANCOUVER BC V6C 2B3

Finalized Date: 8-OCT-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04062242

Sample Description	Method Analyte Units LOR	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	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
		DUPLICATES														
M179654 DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Low whole rock totals for samples 179530, 179532, 179537 and 179540. Results were checked with a retest.

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Finalized Date: 8-OCT-2004
Account: MPO

Project: Wolverine 1614

QC CERTIFICATE OF ANALYSIS VA04062242

Sample Description	Method / Analyte / Units / LOR	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
		DUPLICATES							
M179654									
DUP									
Target Range - Lower Bound									
Upper Bound									
ORIGINAL									
DUP									
Target Range - Lower Bound									
Upper Bound									

Comments: Low whole rock totals for samples 179530, 179532, 179537 and 179540. Results were checked with a retest.

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

Finalized Date: 8-OCT-2004
Account: MPO

CERTIFICATE VA04062450

Project: 1614

P.O. No.:

This report is for 25 Drill Core 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

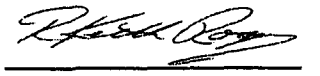
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
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

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: 

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

Finalized Date: 8-OCT-2004
Account: MPO

Project: 1614

CERTIFICATE OF ANALYSIS VA04062450

Sample Description	Method	WEI-21	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	Recvd Wt.	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
M179543		0.54	30.9	3.37	2.66	30.6	1.46	<0.01	0.07	0.01	0.19	0.46	0.20	0.32	4.60	25.7
M179544		0.66	37.4	0.85	49.2	0.72	0.36	<0.01	<0.01	0.01	0.06	0.11	0.10	0.02	8.22	0.55
M179545		0.54	84.7	3.87	2.66	0.32	0.40	<0.01	1.07	0.03	0.19	0.02	0.04	0.01	2.60	2.12
M179546		0.62	62.4	2.23	17.15	1.12	0.29	<0.01	0.32	0.02	0.12	0.07	0.19	0.07	11.90	1.82
M179547		0.56	85.4	4.77	1.77	0.28	0.44	<0.01	1.12	0.03	0.25	0.01	0.04	0.01	3.45	1.43
M179548		0.62	75.5	8.25	4.73	0.37	1.58	0.03	2.00	0.02	0.50	0.02	0.09	0.01	1.21	4.34
M179549		0.56	90.5	2.66	1.96	0.34	0.43	0.01	0.59	0.02	0.14	0.02	0.01	0.01	0.59	1.42
M179550		0.50	77.8	6.08	8.99	0.42	0.98	0.05	1.00	0.02	0.27	0.02	0.09	0.02	1.98	2.68
M179651		0.62	84.8	4.84	3.27	0.54	0.56	0.01	1.52	0.02	0.24	0.04	0.15	<0.01	0.42	2.73
M179652		0.54	14.80	0.68	5.58	44.6	0.40	0.01	0.14	0.01	0.04	0.42	0.11	0.05	0.11	30.4
M179653		0.60	85.2	6.12	2.33	0.24	0.56	<0.01	1.71	0.02	0.28	0.01	0.07	<0.01	1.11	2.33
M179654		0.52	20.3	1.46	9.20	33.7	0.60	<0.01	0.04	0.01	0.06	0.51	0.30	0.05	0.29	24.5
M179655		0.38	84.1	6.19	2.85	0.35	0.52	0.03	1.78	0.03	0.31	0.02	0.19	<0.01	0.58	2.32
M179656		0.66	65.4	12.05	3.24	4.00	2.44	2.68	1.90	0.01	0.21	0.09	0.01	0.01	0.48	7.11
M179657		0.62	80.0	5.22	5.31	0.26	0.44	1.55	0.49	0.03	0.17	0.01	0.04	<0.01	0.16	3.93
M179658		0.60	92.7	2.20	1.87	0.45	0.58	0.02	0.43	0.02	0.11	0.02	0.03	0.01	0.30	1.95
M179659		0.64	85.1	4.87	2.42	0.44	0.59	<0.01	1.35	0.03	0.24	0.02	0.05	<0.01	0.86	2.48
M179660		0.58	83.5	3.11	1.97	4.50	0.41	0.02	1.01	0.02	0.13	0.06	0.87	0.02	0.15	4.94
M179661		0.64	74.5	11.65	2.59	1.64	1.14	0.04	3.48	0.01	0.19	0.02	0.04	<0.01	0.25	4.52
M179662		0.46	65.3	16.65	3.16	0.52	2.00	0.05	5.81	0.01	0.32	0.02	0.19	<0.01	0.42	4.44
M179663		0.62	67.9	13.75	3.57	2.09	1.02	2.74	2.95	0.01	0.37	0.04	0.13	0.01	0.30	4.64
M179664		0.62	73.1	12.55	1.97	1.44	1.20	0.20	4.16	0.01	0.19	0.03	0.16	0.01	0.32	3.73
M179665		0.64	67.8	14.60	2.87	1.59	1.36	2.65	3.40	0.01	0.37	0.04	0.13	0.01	0.29	4.09
M179666		0.54	71.7	13.75	2.53	0.46	1.54	0.08	4.63	0.01	0.25	0.01	0.09	<0.01	0.38	5.23
M179667		0.58	50.9	15.25	7.27	0.76	14.55	0.06	1.44	0.01	0.39	0.09	0.12	<0.01	0.12	8.25

Comments: Low whole rock total for sample M179654. Results were checked with a retest

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 8-OCT-2004
Account: MPO

Project: 1614

CERTIFICATE OF ANALYSIS VA04062450

Sample Description	Method	ME-ICP06	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	Total	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga	Gd	Hf	Ho
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	1	0.5	0.5	0.5	10	0.1	5	0.1	0.1	0.1	1	0.1	1	0.1
M179543		100.5	<1	>10000	28.7	9.6	100	0.3	65	4.4	3.1	2.0	4	5.0	3	0.9
M179544		97.6	<1	>10000	6.0	1.4	70	<0.1	15	0.5	0.4	1.5	4	0.8	<1	0.1
M179545		98.0	<1	>10000	16.4	2.3	220	5.4	20	1.2	0.8	0.6	7	1.4	1	0.2
M179546		97.7	<1	>10000	8.3	2.7	130	1.1	19	0.8	0.5	3.2	5	1.2	1	0.1
M179547		99.0	<1	>10000	22.8	7.8	220	3.6	66	1.6	1.0	1.0	8	2.3	2	0.3
M179548		98.6	1	9760	39.9	14.5	140	8.2	99	3.8	2.5	1.1	14	4.4	4	0.8
M179549		98.7	<1	4700	11.0	4.0	200	2.4	32	1.1	0.6	0.3	6	1.1	1	0.2
M179550		100.5	<1	>10000	23.7	5.2	140	3.8	13	1.7	1.1	0.8	9	2.1	2	0.3
M179651		99.1	<1	3310	32.4	5.1	170	4.5	50	4.5	3.0	0.9	9	4.2	2	0.9
M179652		97.4	<1	833	16.5	3.5	40	0.5	20	3.7	2.0	0.9	2	3.1	<1	0.7
M179653		100.0	<1	8780	23.3	5.4	200	4.4	89	2.6	1.9	0.7	10	2.5	2	0.6
M179654		91.0	<1	2010	17.1	4.3	60	0.2	49	3.7	2.2	0.9	3	3.1	<1	0.7
M179655		99.3	<1	4610	27.3	12.2	260	6.5	91	3.7	2.0	0.8	9	3.7	1	0.7
M179656		99.6	<1	3890	199.0	1.3	50	13.0	7	16.6	10.6	2.2	27	18.6	15	3.6
M179657		97.6	1	1265	23.6	7.3	230	1.8	62	0.8	0.6	0.3	9	1.9	2	0.1
M179658		100.5	<1	2330	8.9	3.3	200	1.4	28	0.8	0.5	0.2	4	0.9	1	0.1
M179659		98.4	<1	7100	22.6	9.4	240	2.4	75	2.0	1.4	0.6	9	2.2	2	0.4
M179660		100.5	1	1215	27.4	4.3	200	1.7	35	3.2	1.9	0.8	5	3.5	1	0.6
M179661		100.0	<1	1980	85.7	3.4	100	7.5	11	6.8	4.2	0.6	19	6.7	6	1.3
M179662		98.9	<1	3350	147.5	3.1	50	12.2	14	9.6	5.3	1.2	27	11.9	8	1.9
M179663		99.5	<1	2330	167.0	3.8	100	5.6	18	9.3	5.1	1.4	21	13.4	11	1.7
M179664		99.1	1	2570	56.7	1.8	80	10.2	5	7.5	3.7	0.8	21	6.7	4	1.4
M179665		99.2	<1	2310	181.0	3.2	100	8.1	13	10.4	5.7	1.6	24	14.5	11	2.0
M179666		100.5	1	3010	126.0	3.2	110	10.5	20	13.0	7.0	1.4	23	12.0	8	2.5
M179667		99.2	<1	1015	128.5	6.3	70	5.5	14	7.3	4.4	0.5	26	9.6	10	1.4

Comments: Low whole rock total for sample M179654. Results were checked with a retest

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Finalized Date: 8-OCT-2004
Account: MPO

Project: 1614

CERTIFICATE OF ANALYSIS VA04062450

Sample Description	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
	Analyte	La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	0.1	2	1	0.5	5	5	0.1	0.2	0.1	1	0.1	0.5	0.1	1
M179543		24.9	0.6	43	9	20.0	80	91	5.0	3.8	4.2	1	2700	0.5	0.7	2
M179544		4.7	0.1	12	1	3.3	5	<5	0.7	0.5	0.7	1	248	<0.5	0.1	1
M179545		8.7	0.1	<2	4	7.0	15	9	1.9	64.0	1.4	1	122.5	0.5	0.2	2
M179546		6.4	0.1	<2	2	4.0	12	<5	0.9	16.1	1.1	1	637	0.5	0.1	1
M179547		12.6	0.2	<2	5	10.8	54	33	2.9	52.3	2.1	2	57.0	0.5	0.3	3
M179548		23.0	0.4	<2	8	20.7	149	8	5.6	117.5	4.0	2	112.0	0.6	0.7	6
M179549		5.7	0.1	<2	2	5.1	29	<5	1.4	35.9	1.1	1	71.0	<0.5	0.2	2
M179550		12.8	0.2	<2	5	10.3	23	<5	2.9	52.5	2.0	2	131.5	<0.5	0.3	4
M179651		14.3	0.4	6	5	15.4	22	63	4.0	77.9	3.2	2	32.7	<0.5	0.7	4
M179652		8.7	0.2	3	1	9.6	13	18	2.4	6.5	2.7	1	453	<0.5	0.6	1
M179653		13.7	0.3	3	6	11.0	25	27	3.0	76.6	2.1	2	6.5	<0.5	0.4	4
M179654		8.7	0.3	5	1	10.4	27	67	2.6	2.7	2.6	1	445	<0.5	0.6	1
M179655		15.0	0.2	<2	5	13.6	41	15	3.5	79.9	2.8	2	14.8	<0.5	0.6	3
M179656		97.3	1.5	<2	51	87.8	<5	<5	24.8	85.8	18.3	9	130.0	3.4	3.1	25
M179657		16.9	0.1	<2	7	12.1	59	84	3.4	20.8	2.0	3	39.1	0.5	0.2	4
M179658		5.0	0.1	<2	2	4.3	19	<5	1.1	20.3	0.9	1	49.9	<0.5	0.1	1
M179659		11.4	0.2	<2	5	10.6	85	<5	2.8	60.0	2.2	2	33.9	0.6	0.3	3
M179660		21.1	0.2	<2	4	16.2	43	6	4.4	39.3	3.1	1	195.5	<0.5	0.5	3
M179661		41.7	0.5	<2	19	32.3	8	14	9.8	125.0	6.5	7	44.9	1.8	1.1	26
M179662		73.1	0.6	6	26	58.3	19	51	17.4	201	11.2	9	15.6	2.2	1.8	38
M179663		86.4	0.6	<2	32	71.6	7	39	20.8	95.7	12.8	5	54.4	2.0	1.8	34
M179664		27.8	0.3	<2	14	24.8	7	26	7.1	138.0	5.6	6	50.0	1.4	1.2	15
M179665		90.7	0.7	2	33	75.1	11	19	22.2	111.5	14.1	5	61.0	2.1	2.1	38
M179666		63.9	0.7	16	22	50.7	25	54	15.3	149.0	10.1	7	21.8	1.7	2.1	32
M179667		63.5	0.6	<2	28	50.1	7	<5	15.0	53.2	9.9	7	19.6	2.3	1.3	29

Comments: Low whole rock total for sample M179654. Results were checked with a retest

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 8-OCT-2004
Account: MPO

Project: 1614

CERTIFICATE OF ANALYSIS VA04062450

Sample Description	Method Analyte Units LOR	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
M179543		<0.5	0.4	3.4	46	2	41.4	3.4	300	98.5
M179544		<0.5	<0.1	<0.5	110	2	5.3	0.5	98	11.5
M179545		<0.5	0.1	0.5	82	2	7.0	0.9	35	52.3
M179546		<0.5	0.1	<0.5	99	2	5.8	0.8	69	37.0
M179547		<0.5	0.1	0.9	130	3	8.5	1.1	126	71.5
M179548		<0.5	0.3	2.5	187	3	22.9	2.5	224	142.5
M179549		<0.5	0.1	0.9	46	2	5.6	0.7	45	43.9
M179550		<0.5	0.1	0.7	114	2	9.4	1.2	46	57.6
M179651		4.0	0.4	0.8	135	2	23.9	3.0	1290	68.9
M179652		0.5	0.2	0.6	57	2	20.6	1.8	1060	15.6
M179653		5.0	0.3	0.9	208	3	16.6	2.1	51	78.7
M179654		<0.5	0.3	<0.5	53	2	22.5	2.1	99	16.8
M179655		2.9	0.2	0.8	176	4	20.0	1.6	397	50.3
M179656		1.4	1.5	5.6	<5	2	96.4	10.4	49	485
M179657		<0.5	0.1	1.8	162	3	5.2	0.9	29	61.5
M179658		<0.5	<0.1	0.5	23	2	4.6	0.5	36	30.0
M179659		<0.5	0.2	0.9	139	6	11.2	1.4	166	67.0
M179660		<0.5	0.2	1.6	182	11	21.6	1.6	344	31.6
M179661		1.7	0.5	6.4	<5	3	38.6	4.1	25	179.0
M179662		4.1	0.7	11.6	82	4	48.9	4.7	247	283
M179663		2.6	0.6	4.4	10	4	48.8	4.4	233	393
M179664		5.8	0.4	8.2	31	4	35.2	2.8	86	132.5
M179665		5.6	0.7	5.8	29	4	52.8	5.0	62	394
M179666		10.8	0.9	10.4	167	5	71.9	5.6	783	254
M179667		2.6	0.6	7.4	11	6	41.3	4.1	231	338

Comments: Low whole rock total for sample M179654. Results were checked with a retest

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VANCOUVER BC V6C 2B3

Finalized Date: 8-OCT-2004
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QC CERTIFICATE VA04062450

Project: 1614

P.O. No.:

This report is for 25 Drill Core 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
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

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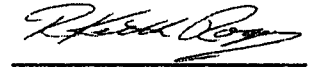
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

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Finalized Date: 8-OCT-2004
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Project: 1614

QC CERTIFICATE OF ANALYSIS VA04062450

Sample Description	Method Analyte Units LOR	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	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	ME-ICP06 LOI % 0.01	ME-ICP06 Total % 0.01
STANDARDS																
SY-4		49.5	20.8	6.08	7.88	0.53	7.09	1.66	<0.01	0.27	0.10	0.12	0.14	0.04	4.56	98.8
SY-4		49.8	20.8	6.17	8.06	0.54	7.03	1.64	<0.01	0.28	0.10	0.11	0.14	0.04	4.56	99.3
SY-4		50.2	20.6	6.14	7.85	0.54	7.26	1.66	<0.01	0.29	0.11	0.14	0.14	0.04	4.56	99.5
SY-4		50.8	20.6	6.26	8.14	0.54	7.10	1.64	<0.01	0.29	0.11	0.15	0.14	0.04	4.56	100.5
Target Range - Lower Bound		47.4	19.65	5.89	7.64	0.50	6.74	1.57	<0.01	0.26	0.09	0.11	0.12	0.03	4.32	95.0
Upper Bound		52.4	21.7	6.53	8.46	0.58	7.47	1.75	0.02	0.31	0.12	0.15	0.16	0.05	4.80	102.0
BLANKS																
BLANK		0.01	0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.06
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Target Range - Lower Bound		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Upper Bound		0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
DUPLICATES																
M179652		14.80	0.68	5.58	44.6	0.40	0.01	0.14	0.01	0.04	0.42	0.11	0.05	0.11	30.4	97.4
DUP		15.10	0.67	5.38	44.5	0.39	0.01	0.13	0.01	0.04	0.40	0.09	0.05	0.10	30.6	97.5
Target Range - Lower Bound		14.55	0.64	5.32	43.4	0.37	<0.01	0.11	<0.01	0.02	0.38	0.08	0.03	0.08	29.7	95.0
Upper Bound		15.35	0.71	5.64	45.7	0.42	0.02	0.16	0.02	0.06	0.44	0.12	0.07	0.13	31.3	99.9
M179654		20.3	1.46	9.20	33.7	0.60	<0.01	0.04	0.01	0.06	0.51	0.30	0.05	0.29	24.5	91.0
DUP		21.1	1.56	9.38	34.0	0.64	<0.01	0.05	0.01	0.06	0.51	0.26	0.05	0.26	24.5	92.4
Target Range - Lower Bound		20.2	1.45	9.04	33.0	0.58	<0.01	0.02	<0.01	0.04	0.48	0.25	0.03	0.25	23.9	89.4
Upper Bound		21.2	1.57	9.54	34.7	0.66	0.02	0.07	0.02	0.08	0.54	0.31	0.07	0.30	25.1	94.0

Comments: Low whole rock total for sample M179654. Results were checked with a retest

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

Finalized Date: 8-OCT-2004
Account: MPO

Project: 1614

QC CERTIFICATE OF ANALYSIS VA04062450

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Ag ppm 1	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Co ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.1	ME-MS81 Cu ppm 5	ME-MS81 Dy ppm 0.1	ME-MS81 Er ppm 0.1	ME-MS81 Eu ppm 0.1	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
STANDARDS																
SY-4		<1	319	111.5	3.0	10	1.3	5	18.0	13.9	2.0	37	14.0	11	4.2	53.2
SY-4		<1	351	113.0	3.2	10	1.4	5	18.9	14.8	2.2	37	14.6	11	4.4	54.3
SY-4																
SY-4																
Target Range - Lower Bound		<1	306	109.5	2.0	<10	1.3	<5	16.3	12.7	1.7	31	12.5	9	3.8	51.7
Upper Bound		2	375	134.5	3.6	20	1.8	10	20.1	15.7	2.3	40	15.5	13	4.8	64.3
BLANKS																
BLANK		<1	<0.5	0.9	<0.5	<10	<0.1	<5	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	0.6
BLANK																
Target Range - Lower Bound		<1	<0.5	<0.5	<0.5	<10	<0.1	<5	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.5
Upper Bound		2	1.0	1.0	1.0	20	0.2	10	0.2	0.2	0.2	2	0.2	2	0.2	1.0
DUPLICATES																
M179652		<1	833	16.5	3.5	40	0.5	20	3.7	2.0	0.9	2	3.1	<1	0.7	8.7
DUP		<1	872	17.8	3.1	50	0.5	21	3.9	2.0	0.9	2	3.0	<1	0.7	8.9
Target Range - Lower Bound		<1	809	15.3	2.1	20	0.3	9	3.4	1.7	0.7	<1	2.7	<1	0.5	7.4
Upper Bound		2	896	19.0	4.5	70	0.7	32	4.2	2.3	1.1	4	3.4	2	0.9	10.2
M179654																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Low whole rock total for sample M179654. Results were checked with a retest

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

Finalized Date: 8-OCT-2004
Account: MPO

Project: 1614

QC CERTIFICATE OF ANALYSIS VA04062450

Sample Description	Method Analyte Units LOR	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	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
STANDARDS																
SY-4		1.9	<2	13	53.4	9	10	14.6	57.0	12.1	7	1200	0.8	2.7	1	<0.5
SY-4		2.1	<2	13	53.0	10	7	14.6	56.8	12.0	7	1210	0.8	2.7	1	<0.5
SY-4																
SY-4																
Target Range - Lower Bound		1.8	<2	11	50.8	<5	<5	13.4	49.3	11.3	5	1070	<0.5	2.2	<1	<0.5
Upper Bound		2.4	4	15	63.2	10	16	16.6	60.7	14.1	9	1310	1.0	3.0	2	1.0
BLANKS																
BLANK		<0.1	<2	<1	<0.5	<5	<5	<0.1	<0.2	<0.1	<1	<0.1	<0.5	<0.1	<1	<0.5
BLANK																
Target Range - Lower Bound		<0.1	<2	<1	<0.5	<5	<5	<0.1	<0.2	<0.1	<1	<0.1	<0.5	<0.1	<1	<0.5
Upper Bound		0.2	4	2	1.0	10	10	0.2	0.4	0.2	2	0.2	1.0	0.2	2	1.0
DUPLICATES																
M179652		0.2	3	1	9.6	13	18	2.4	6.5	2.7	1	453	<0.5	0.6	1	0.5
DUP		0.2	5	1	10.3	11	21	2.6	6.4	2.9	1	456	<0.5	0.6	1	<0.5
Target Range - Lower Bound		<0.1	<2	<1	8.5	<5	9	2.2	5.7	2.5	<1	432	<0.5	0.4	<1	<0.5
Upper Bound		0.4	8	2	11.4	23	30	2.8	7.2	3.1	2	477	1.0	0.8	2	1.0
M179654																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Low whole rock total for sample M179654. Results were checked with a retest

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701-475 HOWE ST
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Finalized Date: 8-OCT-2004
Account: MPO

Project: 1614

QC CERTIFICATE OF ANALYSIS VA04062450

Sample Description	Method / Analyte / Units / LOR	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
STANDARDS									
SY-4		2.1	0.7	<5	1	117.5	15.1	94	515
SY-4		2.2	0.8	<5	1	119.0	15.4	98	528
SY-4									
SY-4									
Target Range - Lower Bound		2.0	<0.5	<5	<1	106.5	13.2	79	465
Upper Bound		2.6	1.0	10	2	131.5	16.4	107	569
BLANKS									
BLANK		<0.1	<0.5	<5	1	<0.5	<0.1	<5	<0.5
BLANK									
Target Range - Lower Bound		<0.1	<0.5	<5	<1	<0.5	<0.1	<5	<0.5
Upper Bound		0.2	1.0	10	2	1.0	0.2	10	1.0
DUPLICATES									
M179652		0.2	0.6	57	2	20.6	1.8	1060	15.6
DUP		0.3	0.7	53	1	21.3	2.0	1070	21.3
Target Range - Lower Bound		<0.1	<0.5	42	<1	18.9	1.6	1000	16.5
Upper Bound		0.5	1.0	68	2	23.0	2.2	1130	20.4
M179654									
DUP									
Target Range - Lower Bound									
Upper Bound									

Comments: Low whole rock total for sample M179654. Results were checked with a retest

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: EXPATRIATE RESOURCES LTD.
701-475 HOWE ST
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Finalized Date: 27-OCT-2004
Account: MPO

CERTIFICATE VA04069512

Project: 1614

P.O. No.:

This report is for 39 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 7-OCT-2004.

The following have access to data associated with this certificate:

GILLES DESSUREAU	JASON DUNNING	ACCOUNTS PAYABLE

SAMPLE PREPARATION

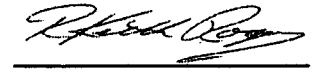
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
OA-GRA08b	Specific Gravity for Pulps	WST-SIM
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
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Cu-AA46	Ore grade Cu - 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: 

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

Finalized Date: 27-OCT-2004
Account: MPO

Project: 1614

CERTIFICATE OF ANALYSIS VA04069512

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2	OA-GRA08b S.G. Unity 0.01	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
M179668		0.66									43.9	15.75	11.20	10.35	12.10	1.71
M179669		0.52									32.6	18.75	5.90	25.6	2.55	1.62
M179670		0.62									47.2	14.70	11.40	6.72	11.10	3.36
M179671		0.62									77.3	8.74	3.41	0.77	1.47	0.10
M179672		0.64									66.6	13.65	5.35	0.92	2.07	2.44
M179673		0.66									73.4	8.18	3.96	2.47	1.88	0.04
M179674		0.90									78.0	8.49	3.77	0.77	1.56	1.09
M179675		0.64									66.5	7.28	5.89	5.81	2.43	2.67
M179676		0.78									72.7	10.70	4.71	0.42	2.10	0.09
M179677		0.58									77.9	8.80	3.71	0.47	1.74	0.23
M179678		0.52									70.8	9.06	4.84	1.70	1.72	0.04
M179679		0.62									87.0	4.72	2.76	0.39	0.92	0.27
M179680		0.76									83.2	5.42	2.81	0.76	1.28	0.04
M179681		0.64									74.3	8.98	4.04	1.22	2.42	0.24
M179682		0.52									77.5	7.75	4.04	0.66	2.14	0.22
M179683		0.52									73.8	4.44	11.90	0.77	0.94	<0.01
M179684		0.64									80.6	5.64	2.56	0.30	0.62	<0.01
M179685		0.66									7.73	0.73	5.63	46.5	0.28	0.02
M179686		0.62									70.9	11.75	3.39	0.70	1.13	0.03
M179687		0.58									73.5	11.35	2.95	1.65	1.02	0.09
M179688		0.58									75.1	8.20	5.01	0.82	1.38	0.04
M179689		0.56									84.3	6.38	2.59	0.21	0.65	0.01
M179690		0.74									93.3	2.17	1.11	0.17	0.08	<0.01
M179691		0.66									88.8	3.62	1.44	0.29	0.41	0.01
M179692		0.46									86.0	2.47	1.15	3.82	0.33	<0.01
M179693		0.56									63.6	9.94	7.98	3.78	2.55	<0.01
M179694		0.64									81.1	7.21	2.80	0.37	0.61	<0.01
M179695		0.56									90.3	3.94	1.65	0.28	0.53	<0.01
M179696		0.68									67.3	5.36	2.22	1.70	0.88	<0.01
M179697		0.52									76.9	6.95	2.99	0.65	0.38	<0.01
M179698		0.48									74.9	5.95	2.21	2.73	0.22	<0.01
M179699		0.82									73.4	7.65	2.47	0.64	0.46	<0.01
M179700		0.62									74.5	6.90	3.63	1.15	0.42	<0.01
M179701		0.88									68.5	6.89	4.50	3.50	1.36	<0.01
M179702		0.56									72.3	7.47	2.75	1.67	0.82	<0.01
M179703		0.54									68.9	6.90	3.71	2.70	1.12	<0.01
M179704		0.58									58.9	21.6	2.39	0.35	1.76	0.07
M179705		0.70									46.6	8.66	4.14	12.30	5.46	0.04
M179872		0.20	8410	8.52	<0.01	7.14	<0.01	0.03	48	6.34						

Comments: Low weight rock total for sample M179685. Results were checked with a retest.

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Finalized Date: 27-OCT-2004
Account: MPO

Project: 1614

CERTIFICATE OF ANALYSIS VA04069512

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total	Ag	Ba	Ce	Co	Cr	Cs
	Units	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1	0.5	0.5	0.5	10	0.1
M179668		0.04	0.08	0.96	0.18	0.08	0.01	<0.01	4.31	100.5	<1	27.7	6.8	60.8	560	0.1
M179669		0.09	0.03	0.25	0.16	0.03	0.32	0.02	12.70	100.5	<1	139.0	2.2	14.0	220	0.5
M179670		0.04	0.07	1.17	0.18	0.13	0.01	<0.01	4.26	100.5	<1	27.7	9.6	54.1	460	<0.1
M179671		2.34	0.02	0.45	0.09	0.20	<0.01	0.41	2.57	97.9	<1	3040	47.4	11.0	160	3.5
M179672		2.67	0.02	0.74	0.10	0.17	0.01	0.41	2.46	97.6	<1	3220	83.7	13.8	140	5.2
M179673		2.32	0.03	0.61	0.15	0.16	0.01	0.47	4.27	98.0	<1	3580	52.6	16.4	200	4.3
M179674		1.84	0.02	0.49	0.10	0.12	0.01	0.48	2.20	98.9	<1	3580	59.0	10.4	140	3.1
M179675		0.15	0.03	0.40	0.37	0.29	0.02	0.02	5.63	97.5	<1	159.5	33.7	14.0	180	0.7
M179676		3.23	0.03	0.57	0.12	0.20	0.01	0.79	2.92	98.6	1	6170	79.9	15.1	190	8.2
M179677		2.22	0.03	0.51	0.13	0.07	0.01	0.82	2.55	99.2	<1	6390	47.1	11.6	230	5.3
M179678		2.49	0.04	0.57	0.07	0.15	0.01	1.13	4.85	97.5	<1	8840	55.6	15.3	270	8.7
M179679		1.23	0.04	0.21	0.02	0.04	0.01	0.69	2.05	100.5	<1	5180	23.0	6.4	290	3.6
M179680		1.44	0.04	0.31	0.30	0.04	0.01	0.70	2.16	98.5	<1	5330	38.0	9.7	250	4.6
M179681		2.29	0.03	0.49	0.18	0.09	0.02	0.95	3.49	98.7	<1	7430	53.0	16.9	250	8.0
M179682		1.22	0.02	0.45	0.17	0.08	0.01	0.51	4.15	98.9	<1	3850	39.7	11.3	160	4.1
M179683		0.62	0.04	0.20	0.67	0.12	0.01	2.79	4.10	100.5	1	>10000	26.4	9.0	300	3.1
M179684		1.53	0.05	0.25	0.03	0.05	0.03	4.21	2.46	98.3	<1	>10000	29.3	8.7	340	5.4
M179685		0.14	<0.01	0.05	0.38	0.24	0.09	0.09	24.0	85.9	1	750	9.4	2.0	20	0.4
M179686		3.23	0.02	0.67	0.13	0.10	<0.01	1.62	4.11	97.8	<1	>10000	61.7	25.3	160	15.8
M179687		2.71	0.02	0.21	0.04	<0.01	0.01	0.63	3.93	98.1	<1	4760	150.0	1.3	110	17.6
M179688		1.40	0.04	0.52	0.03	0.14	0.01	0.74	4.60	98.0	1	5820	48.6	10.6	260	8.3
M179689		1.33	0.03	0.37	0.02	0.06	<0.01	1.06	1.97	99.0	<1	8470	30.3	8.5	240	7.5
M179690		0.08	0.04	0.11	0.01	<0.01	<0.01	2.15	1.00	100.0	<1	>10000	10.7	4.8	280	0.2
M179691		0.92	0.04	0.17	0.01	0.05	<0.01	0.39	1.88	98.0	<1	3070	19.0	5.5	290	2.3
M179692		0.93	0.05	0.13	0.08	0.11	0.01	0.04	3.46	98.6	1	363	14.8	5.5	310	1.8
M179693		2.33	0.02	0.54	0.37	0.26	0.05	1.44	7.31	100.0	1	>10000	57.8	7.5	150	4.7
M179694		1.26	0.05	0.39	0.03	0.10	0.01	2.57	2.92	99.4	1	>10000	33.9	9.0	330	2.3
M179695		1.12	0.04	0.18	0.02	0.04	<0.01	0.48	1.44	100.0	<1	3400	18.2	6.5	240	1.9
M179696		1.69	0.04	0.40	0.04	0.27	0.05	15.10	3.73	98.8	1	>10000	36.1	14.5	260	1.6
M179697		2.20	0.05	0.32	0.02	0.25	0.03	6.65	2.53	99.9	1	>10000	50.9	6.4	360	1.0
M179698		0.11	0.06	0.28	0.04	0.32	0.03	8.41	3.29	98.6	1	>10000	54.6	4.4	370	0.2
M179699		0.36	0.04	0.34	0.02	0.08	0.02	11.05	2.73	99.3	1	>10000	43.4	5.1	280	0.5
M179700		0.21	0.04	0.35	0.03	0.35	0.02	9.57	3.19	100.5	1	>10000	47.0	8.0	310	0.2
M179701		0.30	0.04	0.31	0.13	0.91	0.09	9.00	5.04	100.5	1	>10000	50.2	6.5	260	0.4
M179702		0.15	0.04	0.35	0.02	0.22	0.02	10.15	2.35	98.3	1	>10000	53.3	5.2	240	0.1
M179703		0.30	0.04	0.30	0.10	0.75	0.08	8.91	4.73	98.5	24	>10000	45.5	5.7	260	0.4
M179704		6.32	0.01	0.38	0.01	0.12	<0.01	1.86	3.90	97.7	2	>10000	187.0	3.2	70	14.6
M179705		1.88	0.02	0.50	0.36	0.09	0.02	0.49	17.15	97.7	<1	4060	56.6	6.8	130	4.1
M179872																

Comments: Low whole rock total for sample M179685. Results were checked with a retest.

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 27-OCT-2004
Account: MPO

Project: 1614

CERTIFICATE OF ANALYSIS VA04069512

Sample Description	Method Analyte Units LOR	ME-MS81 Cu ppm 5	ME-MS81 Dy ppm 0.1	ME-MS81 Er ppm 0.1	ME-MS81 Eu ppm 0.1	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
M179668		70	4.3	3.2	1.0	17	3.2	2	1.1	2.5	0.5	<2	2	5.9	338	8
M179669		5	6.7	7.3	2.0	64	2.6	1	2.1	<0.5	1.3	<2	1	1.9	83	14
M179670		41	4.7	3.3	1.0	15	3.2	2	1.0	2.8	0.5	<2	5	7.3	284	<5
M179671		48	2.6	1.7	0.7	14	3.6	5	0.5	21.7	0.2	<2	10	19.8	46	17
M179672		60	4.7	3.1	1.4	21	6.0	10	0.9	37.5	0.5	<2	18	32.6	40	13
M179673		92	3.8	2.5	1.0	15	4.3	7	0.7	24.0	0.3	2	16	21.8	57	33
M179674		62	3.4	2.1	1.1	14	4.9	5	0.7	28.1	0.3	<2	10	23.8	44	7
M179675		110	3.8	2.3	1.0	12	4.2	2	0.7	17.8	0.3	3	6	19.1	67	14
M179676		102	6.0	3.7	1.2	19	6.9	7	1.3	39.9	0.5	9	18	33.3	91	41
M179677		76	1.9	1.2	0.8	17	3.4	4	0.4	18.9	0.2	<2	8	19.0	58	9
M179678		102	5.4	3.5	1.4	16	5.8	5	1.2	27.8	0.5	5	10	26.6	154	20
M179679		109	2.3	1.6	0.6	9	2.5	1	0.5	9.9	0.2	2	4	10.8	82	5
M179680		47	2.4	1.5	0.7	12	2.8	3	0.5	13.0	0.3	<2	6	13.2	43	5
M179681		60	3.1	2.1	0.9	17	3.9	4	0.7	20.2	0.3	<2	9	19.4	56	6
M179682		76	3.0	2.0	0.8	14	3.6	4	0.6	15.5	0.3	<2	8	16.0	39	6
M179683		48	2.5	1.8	1.0	9	2.6	2	0.5	10.1	0.3	21	4	11.6	47	18
M179684		62	1.8	1.2	1.2	10	2.4	2	0.4	13.9	0.2	3	5	13.1	71	20
M179685		15	1.2	0.9	0.3	2	1.3	<1	0.3	6.5	0.1	14	1	4.6	8	225
M179686		68	4.0	2.7	1.3	19	5.0	5	0.8	31.8	0.4	2	15	26.1	83	43
M179687		7	15.0	9.7	1.8	27	15.0	17	3.1	70.2	1.4	9	54	65.2	8	8
M179688		88	4.4	2.9	1.1	14	4.9	5	1.0	24.4	0.4	3	9	23.8	92	9
M179689		81	2.8	1.8	0.7	14	2.9	3	0.6	13.8	0.3	<2	7	13.2	67	6
M179690		67	0.7	0.5	0.6	5	1.0	1	0.1	4.2	0.1	<2	2	4.9	71	9
M179691		66	1.3	0.8	0.4	7	1.6	1	0.2	7.8	0.1	2	4	8.0	55	8
M179692		27	1.2	1.1	0.3	5	1.3	1	0.3	10.7	0.2	<2	4	6.9	28	21
M179693		70	5.2	3.2	1.6	15	6.5	3	1.1	25.7	0.5	<2	7	29.4	19	10
M179694		59	2.6	1.7	1.0	12	2.9	2	0.6	15.9	0.3	2	8	15.6	43	13
M179695		30	1.2	0.9	0.3	6	1.4	1	0.3	7.5	0.1	<2	3	7.6	38	9
M179696		46	3.0	1.8	2.9	8	4.6	3	0.6	22.8	0.4	2	8	19.2	60	108
M179697		33	3.8	2.7	1.9	11	5.0	2	0.8	31.2	0.4	4	12	26.0	55	10
M179698		42	5.0	2.9	2.7	9	6.9	3	1.0	32.0	0.4	5	12	34.0	55	10
M179699		38	1.9	1.4	2.6	12	3.6	3	0.4	25.9	0.3	4	18	19.6	70	6
M179700		46	4.7	2.9	3.1	10	6.3	3	1.0	27.6	0.4	3	13	27.7	55	18
M179701		41	5.6	3.2	3.0	12	6.7	3	1.1	32.7	0.5	18	16	28.2	106	12
M179702		44	4.5	2.9	3.2	10	6.0	3	0.9	30.8	0.5	5	18	26.5	61	11
M179703		37	4.6	2.7	2.7	11	6.0	3	0.9	28.3	0.4	15	16	25.9	91	14
M179704		248	11.0	6.8	1.2	40	12.6	13	2.3	90.6	1.0	3	33	71.3	13	31
M179705		13	4.9	3.1	1.0	12	5.7	4	1.1	33.4	0.4	<2	11	29.8	23	12
M179872																

Comments: Low whole rock total for sample M179685. Results were checked with a retest.

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Finalized Date: 27-OCT-2004
Account: MPO

Project: 1614

CERTIFICATE OF ANALYSIS VA04069512

Sample Description	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
	Analyte	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tl	Tm	U	V	W	Y	Yb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	0.2	0.1	1	0.1	0.5	0.1	1	0.5	0.1	0.5	5	1	0.5	0.1
M179668		1.0	1.1	2.1	1	145.0	<0.5	0.6	<1	<0.5	0.5	<0.5	266	1	26.8	3.0
M179669		0.3	3.3	1.2	6	2650	<0.5	0.8	<1	<0.5	1.3	<0.5	790	2	68.2	8.0
M179670		1.4	0.7	2.5	1	133.5	<0.5	0.7	<1	<0.5	0.5	<0.5	278	6	27.5	3.1
M179671		5.4	86.3	3.6	1	24.4	0.7	0.5	9	<0.5	0.2	2.4	116	3	14.4	1.6
M179672		8.9	113.5	6.2	2	52.2	1.3	0.9	19	<0.5	0.4	5.1	120	2	26.8	2.7
M179673		5.7	89.9	4.3	2	86.3	1.1	0.7	8	<0.5	0.3	2.7	120	6	21.0	2.2
M179674		6.5	72.5	4.6	1	47.5	0.7	0.7	9	<0.5	0.3	3.0	116	3	19.1	2.1
M179675		4.8	6.5	4.1	1	172.0	0.5	0.6	5	<0.5	0.3	1.5	191	1	19.4	2.1
M179676		9.0	136.5	6.8	3	82.7	1.2	1.0	15	0.6	0.5	6.0	134	6	35.4	3.1
M179677		4.9	94.7	3.7	2	59.6	0.6	0.4	7	<0.5	0.2	2.1	137	2	9.3	1.5
M179678		6.9	122.0	5.6	2	126.0	0.8	1.0	8	<0.5	0.5	3.8	186	5	32.2	3.3
M179679		2.6	59.1	2.3	1	58.1	<0.5	0.4	3	<0.5	0.2	1.2	100	3	12.6	1.4
M179680		3.5	67.8	2.7	1	107.0	0.5	0.4	5	<0.5	0.2	1.2	44	4	12.3	1.5
M179681		4.9	114.0	3.5	2	150.5	0.7	0.6	8	<0.5	0.3	2.0	106	2	18.1	2.0
M179682		4.1	55.7	3.4	3	76.0	0.6	0.6	6	<0.5	0.3	2.0	89	2	15.5	1.9
M179683		2.9	35.1	2.6	2	124.0	0.5	0.4	3	0.5	0.3	1.7	99	2	14.4	1.9
M179684		3.4	76.8	2.6	1	262	0.7	0.3	4	<0.5	0.2	1.2	146	4	8.9	1.4
M179685		1.1	5.5	1.0	<1	709	<0.5	0.2	<1	<0.5	0.1	0.5	96	2	10.6	1.0
M179686		7.0	158.0	4.7	2	48.0	1.1	0.7	11	4.7	0.4	2.7	192	5	22.4	2.8
M179687		17.0	118.0	13.6	9	64.0	4.0	2.7	28	2.0	1.5	7.9	<5	2	84.1	8.8
M179688		6.1	71.4	4.7	2	64.4	0.7	0.8	7	0.7	0.4	3.8	150	5	28.0	2.9
M179689		3.4	73.5	2.8	2	54.0	0.6	0.4	5	<0.5	0.3	2.1	112	8	15.7	1.8
M179690		1.2	3.3	1.0	1	23.4	0.7	0.1	2	<0.5	<0.1	0.6	84	2	3.7	0.5
M179691		2.1	51.2	1.7	1	17.4	<0.5	0.2	2	0.5	0.1	0.8	104	2	6.5	0.8
M179692		1.9	36.6	1.2	1	122.0	<0.5	0.2	2	<0.5	0.2	1.0	95	4	9.8	1.3
M179693		7.1	111.5	6.4	1	391	0.5	1.0	6	2.2	0.5	2.8	141	3	27.8	2.9
M179694		3.9	60.0	3.1	2	88.5	0.7	0.4	5	1.0	0.3	1.9	172	10	14.6	1.8
M179695		1.9	58.1	1.4	1	32.4	<0.5	0.2	2	0.9	0.1	1.0	66	2	7.2	0.9
M179696		5.0	57.6	4.3	1	553	1.6	0.6	5	1.2	0.3	2.6	130	3	19.7	1.8
M179697		6.8	57.6	5.2	1	265	1.2	0.7	8	2.5	0.3	4.4	370	4	26.5	2.4
M179698		8.2	4.8	7.0	1	264	1.4	1.0	7	<0.5	0.4	6.0	329	3	32.5	2.5
M179699		5.3	16.6	3.7	1	199.0	1.6	0.4	7	0.9	0.2	6.3	352	6	14.2	1.6
M179700		6.8	7.7	6.3	1	257	1.3	0.9	7	0.6	0.4	3.6	297	4	29.0	2.4
M179701		6.9	14.8	6.6	1	859	2.0	1.0	8	1.4	0.4	7.1	493	4	36.0	2.8
M179702		6.7	5.5	5.7	2	247	1.7	0.9	9	0.6	0.4	6.7	305	4	31.2	2.7
M179703		6.5	14.2	5.8	1	709	1.9	0.9	8	1.5	0.4	7.6	465	2	29.6	2.5
M179704		20.5	244	13.6	14	34.6	3.7	1.8	54	14.8	1.1	16.0	83	4	70.6	6.3
M179705		7.7	76.6	5.6	1	217	0.9	0.8	8	3.4	0.4	3.5	98	4	32.3	2.8
M179872																

Comments: Low whole rock total for sample M179685. Results were checked with a retest.

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Finalized Date: 27-OCT-2004
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Project: 1614

CERTIFICATE OF ANALYSIS VA04069512

Sample Description	Method Analyte Units LOR	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 0.5
M179668		72	57.2
M179669		20	19.6
M179670		86	65.0
M179671		59	148.0
M179672		108	318
M179673		76	224
M179674		87	159.0
M179675		104	74.6
M179676		162	227
M179677		97	142.0
M179678		320	175.0
M179679		109	51.1
M179680		60	103.5
M179681		116	136.0
M179682		78	118.5
M179683		60	52.7
M179684		231	60.3
M179685		8	16.2
M179686		43	165.5
M179687		702	474
M179688		220	144.0
M179689		133	104.5
M179690		256	36.7
M179691		87	45.2
M179692		367	33.1
M179693		98	79.1
M179694		126	83.4
M179695		68	41.7
M179696		321	71.4
M179697		608	84.0
M179698		246	94.7
M179699		316	100.0
M179700		146	93.8
M179701		315	94.0
M179702		303	97.0
M179703		332	93.9
M179704		2150	363
M179705		75	146.0
M179872			

Comments: Low whole rock total for sample M179685. Results were checked with a retest.

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Finalized Date: 27-OCT-2004
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QC CERTIFICATE VA04069512

Project: 1614
P.O. No.:
This report is for 39 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 7-OCT-2004.
The following have access to data associated with this certificate:

GILLES DESSUREAU	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
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
As-AA46	Ore grade As - aqua regia/AA	AAS
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
OA-GRA08b	Specific Gravity for Pulps	WST-SIM
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
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Cu-AA46	Ore grade Cu - 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:

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Project: 1614

QC CERTIFICATE OF ANALYSIS VA04069512

Sample Description	Method Analyte Units LOR	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2	OA-GRA08b S.G. Unity 0.01	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
STANDARDS																
BPL-04		695														
Target Range - Lower Bound		630														
Upper Bound		736														
CU-106			1.46	0.03	0.06	0.01										
Target Range - Lower Bound			1.37			<0.01										
Upper Bound			1.49			0.02										
G2000							0.76									
G2000			0.03	0.07	0.13	0.05										
Target Range - Lower Bound			0.02	0.05	0.11	0.04	0.68									
Upper Bound			0.04	0.08	0.14	0.06	0.81									
GBM399-5			2.96	2.11	0.94	0.03										
Target Range - Lower Bound			2.83	2.03	0.91	0.02										
Upper Bound			3.06	2.20	0.99	0.04										
GBM900-1c			0.43	0.04	0.14	0.27										
Target Range - Lower Bound																
Upper Bound																
GXR-1								15								
Target Range - Lower Bound								13								
Upper Bound								21								
GXR-4								5								
Target Range - Lower Bound								3								
Upper Bound								9								
JWB-JV-1							1.09									
Target Range - Lower Bound							0.97									
Upper Bound							1.13									
Pb-107			1.63	1.85	2.81	0.11										
Target Range - Lower Bound			1.54	1.75	2.69											
Upper Bound			1.68	1.89	2.91											
SILICA									2.66							
Target Range - Lower Bound									2.35							
Upper Bound									2.88							
SY-4										49.9	20.6	6.21	8.08	0.54	7.30	1.62
SY-4																
SY-4										50.4	20.6	6.25	8.06	0.54	7.12	1.64
SY-4																
SY-4										49.6	20.4	6.21	8.01	0.54	7.14	1.64
SY-4										50.7	20.8	6.29	8.02	0.54	7.28	1.68
Target Range - Lower Bound										47.4	19.65	5.89	7.64	0.50	6.74	1.57
Upper Bound										52.4	21.7	6.53	8.46	0.58	7.47	1.75

Comments: Low whole rock total for sample M179685. Results were checked with a retest.

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Project: 1614

QC CERTIFICATE OF ANALYSIS VA04069512

Sample Description	Method Analyte Units LOR	ME-ICP06 Cr2O3 % 0.01	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	ME-ICP06 LOI % 0.01	ME-ICP06 Total % 0.01	ME-MS81 Ag ppm 1	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Co ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.1	ME-MS81 Cu ppm 5
STANDARDS																
BPL-04																
Target Range - Lower Bound																
Upper Bound																
CU-106																
Target Range - Lower Bound																
Upper Bound																
G2000																
G2000																
Target Range - Lower Bound																
Upper Bound																
GBM399-5																
Target Range - Lower Bound																
Upper Bound																
GBM900-1c																
Target Range - Lower Bound																
Upper Bound																
GXR-1																
Target Range - Lower Bound																
Upper Bound																
GXR-4																
Target Range - Lower Bound																
Upper Bound																
JWB-JV-1																
Target Range - Lower Bound																
Upper Bound																
Pb-107																
Target Range - Lower Bound																
Upper Bound																
SILICA																
Target Range - Lower Bound																
Upper Bound																
SY-4		<0.01	0.29	0.11	0.14	0.14	0.04	4.56	99.5	<1	314	124.5	3.0	10	1.7	5
SY-4										<1	384	130.5	3.1	10	1.7	6
SY-4		<0.01	0.28	0.11	0.14	0.15	0.04	4.56	99.9	<1	344	126.0	3.1	10	1.7	<5
SY-4										<1	361	128.0	3.1	10	1.6	<5
SY-4		<0.01	0.29	0.11	0.15	0.14	0.04	4.56	98.8							
SY-4		<0.01	0.29	0.11	0.11	0.14	0.04	4.56	100.5							
Target Range - Lower Bound		<0.01	0.26	0.09	0.11	0.12	0.03	4.32	95.0	<1	306	109.5	2.0	<10	1.3	<5
Upper Bound		0.02	0.31	0.12	0.15	0.16	0.05	4.80	102.0	2	375	134.5	3.6	20	1.8	10

Comments: Low whole rock total for sample M179685. Results were checked with a retest.

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Finalized Date: 27-OCT-2004
Account: MPO

Project: 1614

QC CERTIFICATE OF ANALYSIS VA04069512

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Dy ppm 0.1	ME-MS81 Er ppm 0.1	ME-MS81 Eu ppm 0.1	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
STANDARDS																
BPL-04																
	Target Range - Lower Bound															
	Upper Bound															
CU-106																
	Target Range - Lower Bound															
	Upper Bound															
G2000																
G2000																
	Target Range - Lower Bound															
	Upper Bound															
GBM399-5																
	Target Range - Lower Bound															
	Upper Bound															
GBM900-1c																
	Target Range - Lower Bound															
	Upper Bound															
GXR-1																
	Target Range - Lower Bound															
	Upper Bound															
GXR-4																
	Target Range - Lower Bound															
	Upper Bound															
JWB-JV-1																
	Target Range - Lower Bound															
	Upper Bound															
Pb-107																
	Target Range - Lower Bound															
	Upper Bound															
SILICA																
	Target Range - Lower Bound															
	Upper Bound															
SY-4		18.7	15.0	2.3	39	15.0	12	4.6	56.8	2.3	<2	15	56.3	10	8	14.8
SY-4		18.8	15.4	2.2	39	14.5	13	4.5	58.2	2.3	<2	15	59.7	12	10	15.4
SY-4		18.8	14.4	2.2	38	14.1	11	4.6	58.4	2.3	<2	13	60.1	8	13	15.4
SY-4		19.6	14.8	2.2	37	15.0	13	4.8	60.2	2.4	<2	13	61.6	11	14	15.6
SY-4																
SY-4																
	Target Range - Lower Bound	16.3	12.7	1.7	31	12.5	9	3.8	51.7	1.8	<2	11	50.8	<5	<5	13.4
	Upper Bound	20.1	15.7	2.3	40	15.5	13	4.8	64.3	2.4	4	15	63.2	10	16	16.6

Comments: Low whole rock total for sample M179685. Results were checked with a retest.

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Project: 1614

QC CERTIFICATE OF ANALYSIS VA04069512

Sample Description	Method Analyte Units LOR	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.1	ME-MS81 Sn ppm 1	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
STANDARDS																
BPL-04																
Target Range - Lower Bound																
Upper Bound																
CU-106																
Target Range - Lower Bound																
Upper Bound																
G2000																
G2000																
Target Range - Lower Bound																
Upper Bound																
GBM399-5																
Target Range - Lower Bound																
Upper Bound																
GBM900-1c																
Target Range - Lower Bound																
Upper Bound																
GXR-1																
Target Range - Lower Bound																
Upper Bound																
GXR-4																
Target Range - Lower Bound																
Upper Bound																
JWB-JV-1																
Target Range - Lower Bound																
Upper Bound																
Pb-107																
Target Range - Lower Bound																
Upper Bound																
SILICA																
Target Range - Lower Bound																
Upper Bound																
SY-4		57.9	12.4	8	1210	1.0	3.0	1	<0.5	2.5	0.9	7	1	117.0	15.1	103
SY-4		59.3	13.7	8	1245	1.0	2.8	1	<0.5	2.5	1.0	8	3	121.0	15.4	105
SY-4		54.9	13.8	7	1205	1.1	2.8	<1	<0.5	2.6	1.3	8	1	121.5	14.2	103
SY-4		57.2	13.8	7	1215	0.9	2.9	1	<0.5	2.6	1.0	8	3	127.0	15.2	107
SY-4																
SY-4																
Target Range - Lower Bound		49.3	11.3	5	1070	<0.5	2.2	<1	<0.5	2.0	<0.5	<5	<1	106.5	13.2	79
Upper Bound		60.7	14.1	9	1310	1.0	3.0	2	1.0	2.6	1.0	10	2	131.5	16.4	107

Comments: Low whole rock total for sample M179685. Results were checked with a retest.

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QC CERTIFICATE OF ANALYSIS VA04069512

Sample Description	Method	ME-MS81
	Analyte	Zr
	Units	ppm
	LOR	0.5
STANDARDS		
BPL-04		
Target Range - Lower Bound		
Upper Bound		
CU-106		
Target Range - Lower Bound		
Upper Bound		
G2000		
G2000		
Target Range - Lower Bound		
Upper Bound		
GBM399-5		
Target Range - Lower Bound		
Upper Bound		
GBM900-1c		
Target Range - Lower Bound		
Upper Bound		
GXR-1		
Target Range - Lower Bound		
Upper Bound		
GXR-4		
Target Range - Lower Bound		
Upper Bound		
JWB-JV-1		
Target Range - Lower Bound		
Upper Bound		
Pb-107		
Target Range - Lower Bound		
Upper Bound		
SILICA		
Target Range - Lower Bound		
Upper Bound		
SY-4		478
SY-4		543
SY-4		482
SY-4		568
SY-4		
SY-4		
Target Range - Lower Bound		465
Upper Bound		569

Comments: Low whole rock total for sample M179685. Results were checked with a retest.

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QC CERTIFICATE OF ANALYSIS VA04069512

Sample Description	Method / Analyte / Units / LOR	Ag-GRA21 Ag ppm 5	Cu-AA46 Cu % 0.01	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01	As-AA46 As % 0.01	Hg-CV41 Hg ppm 0.01	ME-XRF05 Se ppm 2	OA-GRA08b S.G. Unity 0.01	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
BLANKS																
BLANK							<0.01									
BLANK										<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
BLANK										<0.01	<0.01	0.01	0.01	<0.01	0.02	<0.01
BLANK								<2								
BLANK			<0.01	<0.01	<0.01	<0.01										
BLANK		<5														
BLANK										<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Target Range - Lower Bound		<5	<0.01	<0.01	<0.01	<0.01	<0.01	<2		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Upper Bound		10	0.02	0.02	0.02	0.02	0.02	4		0.02	0.02	0.02	0.02	0.02	0.02	0.02
DUPLICATES																
ORIGINAL		205														
DUP		203														
Target Range - Lower Bound		184														
Upper Bound		224														
M179677										77.9	8.80	3.71	0.47	1.74	0.23	2.22
DUP										77.8	8.61	3.58	0.44	1.70	0.22	2.16
Target Range - Lower Bound										75.9	8.47	3.53	0.42	1.66	0.20	2.12
Upper Bound										79.8	8.94	3.76	0.49	1.78	0.25	2.26
M179697										76.9	6.95	2.99	0.65	0.38	<0.01	2.20
DUP										77.1	6.81	2.93	0.63	0.36	<0.01	2.18
Target Range - Lower Bound										75.1	6.69	2.87	0.60	0.34	<0.01	2.12
Upper Bound										78.9	7.07	3.05	0.68	0.40	0.02	2.26
M179705										46.6	8.66	4.14	12.30	5.46	0.04	1.88
DUP										46.4	8.64	4.15	12.30	5.45	0.05	1.88
Target Range - Lower Bound										45.3	8.41	4.02	11.95	5.30	0.02	1.81
Upper Bound										47.7	8.89	4.27	12.65	5.61	0.07	1.95
M242509			0.01	<0.01	0.04	<0.01	0.17	6	2.87							
DUP			0.01	<0.01	0.04	<0.01	0.18	7	2.92							
Target Range - Lower Bound			<0.01	<0.01	0.02	<0.01	0.15	<2	2.73							
Upper Bound			0.02	0.02	0.06	0.02	0.20	11	3.06							

Comments: Low whole rock total for sample M179685. Results were checked with a retest.

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Finalized Date: 27-OCT-2004
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QC CERTIFICATE OF ANALYSIS VA04069512

Sample Description	Method Analyte Units LOR	ME-ICP06 Cr2O3 % 0.01	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	ME-ICP06 LOI % 0.01	ME-ICP06 Total % 0.01	ME-MS81 Ag ppm 1	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Co ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.1	ME-MS81 Cu ppm 5
BLANKS																
BLANK																
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<1	<0.5	<0.5	<0.5	<10	<0.1	<5
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<1	<0.5	<0.5	<0.5	<10	0.1	<5
BLANK																
BLANK																
BLANK																
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01							
Target Range - Lower Bound		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<1	<0.5	<0.5	<0.5	<10	<0.1	<5
Upper Bound		0.02	0.02	0.02	0.02	0.02	0.02	0.02		2	1.0	1.0	1.0	20	0.2	10
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
M179677		0.03	0.51	0.13	0.07	0.01	0.82	2.55	99.2	<1	6390	47.1	11.6	230	5.3	76
DUP		0.03	0.50	0.12	0.10	0.01	0.80	2.55	98.6	<1	6410	48.2	11.0	220	5.2	75
Target Range - Lower Bound		<0.01	0.47	0.10	0.06	<0.01	0.77	2.47	96.4	<1	6080	44.3	9.7	190	4.8	62
Upper Bound		0.05	0.54	0.15	0.11	0.02	0.85	2.63	101.5	2	6720	51.0	12.9	260	5.7	89
M179697		0.05	0.32	0.02	0.25	0.03	6.65	2.53	99.9							
DUP		0.05	0.31	0.02	0.25	0.02	6.50	2.53	99.7							
Target Range - Lower Bound		0.03	0.29	<0.01	0.22	<0.01	6.39	2.45	97.3							
Upper Bound		0.07	0.34	0.04	0.28	0.05	6.76	2.61	102.0							
M179705		0.02	0.50	0.36	0.09	0.02	0.49	17.15	97.7	<1	4060	56.6	6.8	130	4.1	13
DUP		0.02	0.50	0.36	0.09	0.02	0.49	17.15	97.5	<1	4130	59.1	7.1	130	4.1	12
Target Range - Lower Bound		<0.01	0.47	0.33	0.07	<0.01	0.46	16.70	95.1	<1	3890	54.0	5.6	100	3.7	<5
Upper Bound		0.04	0.53	0.39	0.11	0.04	0.52	17.60	100.0	2	4300	61.7	8.3	160	4.5	23
M242509																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Low whole rock total for sample M179685. Results were checked with a retest.

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Finalized Date: 27-OCT-2004
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QC CERTIFICATE OF ANALYSIS VA04069512

Sample Description	Method Analyte Units LOR	ME-MS81 Dy ppm 0.1	ME-MS81 Er ppm 0.1	ME-MS81 Eu ppm 0.1	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
BLANKS																
BLANK																
BLANK		<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.5	<0.1	<2	<1	<0.5	<5	<5	<0.1
BLANK		<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.5	<0.1	<2	<1	<0.5	<5	<5	<0.1
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound		<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.5	<0.1	<2	<1	<0.5	<5	<5	<0.1
Upper Bound		0.2	0.2	0.2	2	0.2	2	0.2	1.0	0.2	4	2	1.0	10	10	0.2
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
M179677		1.9	1.2	0.8	17	3.4	4	0.4	18.9	0.2	<2	8	19.0	58	9	4.9
DUP		1.8	1.2	0.8	16	3.3	4	0.4	19.2	0.2	<2	8	19.8	56	5	5.0
Target Range - Lower Bound		1.6	0.9	0.6	14	3.0	2	0.2	17.1	<0.1	<2	6	17.4	44	<5	4.5
Upper Bound		2.1	1.5	1.0	19	3.7	6	0.6	21.0	0.4	4	10	21.4	70	10	5.4
M179697																
DUP																
Target Range - Lower Bound																
Upper Bound																
M179705		4.9	3.1	1.0	12	5.7	4	1.1	33.4	0.4	<2	11	29.8	23	12	7.7
DUP		5.0	3.0	0.9	12	5.5	4	1.1	34.5	0.4	2	11	31.1	24	14	7.9
Target Range - Lower Bound		4.5	2.7	0.7	9	5.1	2	0.8	31.3	0.2	<2	8	27.9	12	<5	7.2
Upper Bound		5.4	3.4	1.2	15	6.1	6	1.4	36.6	0.6	4	14	33.0	35	24	8.4
M242509																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Low whole rock total for sample M179685. Results were checked with a retest.

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Project: 1614

QC CERTIFICATE OF ANALYSIS VA04069512

Sample Description	Method Analyte Units LOR	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.1	ME-MS81 Sn ppm 1	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
BLANKS																
BLANK																
BLANK		<0.2	<0.1	<1	<0.1	<0.5	<0.1	<1	<0.5	<0.1	<0.5	<5	2	<0.5	<0.1	<5
BLANK		0.2	<0.1	<1	<0.1	<0.5	<0.1	<1	<0.5	<0.1	<0.5	<5	1	<0.5	<0.1	<5
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound		<0.2	<0.1	<1	<0.1	<0.5	<0.1	<1	<0.5	<0.1	<0.5	<5	<1	<0.5	<0.1	<5
Upper Bound		0.4	0.2	2	0.2	1.0	0.2	2	1.0	0.2	1.0	10	2	1.0	0.2	10
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
M179677		94.7	3.7	2	59.6	0.6	0.4	7	<0.5	0.2	2.1	137	2	9.3	1.5	97
DUP		92.1	3.7	2	57.7	0.6	0.4	7	<0.5	0.2	2.0	130	2	8.9	1.4	90
Target Range - Lower Bound		88.3	3.3	<1	55.5	<0.5	0.2	5	<0.5	<0.1	0.9	117	<1	7.6	1.2	79
Upper Bound		98.5	4.1	4	61.8	1.0	0.6	9	1.0	0.4	3.2	150	4	10.6	1.7	108
M179697																
DUP																
Target Range - Lower Bound																
Upper Bound																
M179705		76.6	5.6	1	217	0.9	0.8	8	3.4	0.4	3.5	98	4	32.3	2.8	75
DUP		78.8	6.0	1	220	0.9	0.8	7	3.3	0.4	3.7	98	4	33.7	2.6	76
Target Range - Lower Bound		73.4	5.3	<1	207	<0.5	0.6	5	2.2	0.2	2.4	83	2	30.4	2.4	62
Upper Bound		82.0	6.3	2	230	1.0	1.0	10	4.5	0.6	4.8	113	6	35.7	3.0	89
M242509																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Low whole rock total for sample M179685. Results were checked with a retest.

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

Finalized Date: 27-OCT-2004
Account: MPO

Project: 1614

QC CERTIFICATE OF ANALYSIS VA04069512

Sample Description	Method Analyte Units LOR	ME-MS81 Zr ppm 0.5
		BLANKS
BLANK		
BLANK		<0.5
BLANK		<0.5
BLANK		
BLANK		
BLANK		
BLANK		
Target Range - Lower Bound		<0.5
Upper Bound		1.0
		DUPLICATES
ORIGINAL		
DUP		
Target Range - Lower Bound		
Upper Bound		
M179677		142.0
DUP		139.0
Target Range - Lower Bound		132.6
Upper Bound		148.5
M179697		
DUP		
Target Range - Lower Bound		
Upper Bound		
M179705		146.0
DUP		148.5
Target Range - Lower Bound		139.0
Upper Bound		155.5
M242509		
DUP		
Target Range - Lower Bound		
Upper Bound		

Comments: Low whole rock total for sample M179685. Results were checked with a retest.

16700 mN
16800 mN
16900 mN
17000 mN
17100 mN
17200 mN
17300 mN
17400 mN

1500 mN
1400 mN
1300 mN
1200 mN
1100 mN
1000 mN

WV04-127
197.6m

WV95-18
273.1m

WV95-16
283.8m

WV96-27
416.8m

WV96-25
437.1m

WV96-49
472.4m

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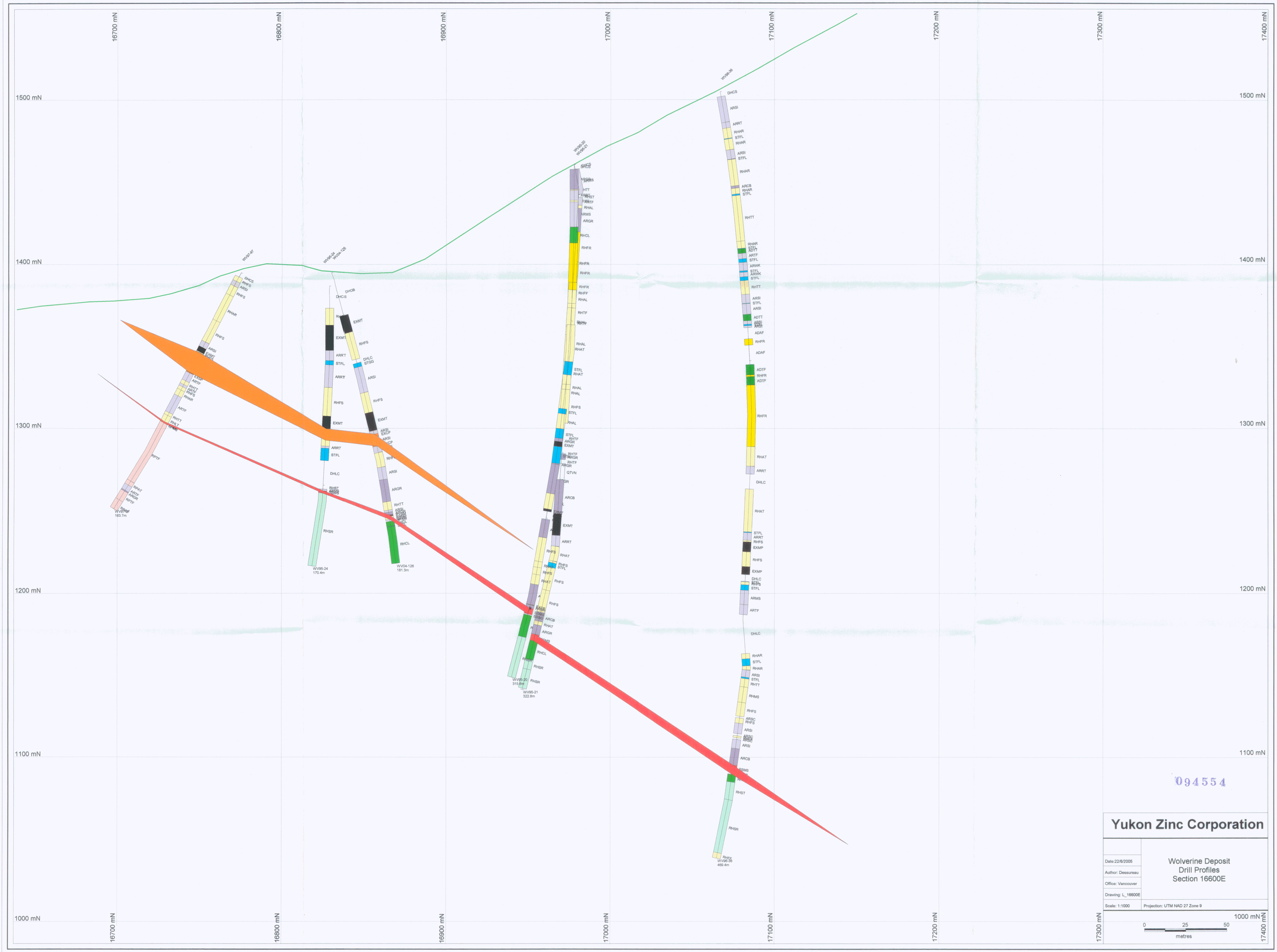
Yukon Zinc Corporation

Wolverine Deposit
Drill Profiles
Section 16800E

Date:22/6/2005
Author: Dessureau
Office: Vancouver
Drawing: L_16800E
Scale: 1:1000
Projection: UTM NAD 27 Zone 9

0 25 50
metres

16700 mN
16800 mN
16900 mN
17000 mN
17100 mN
17200 mN
17300 mN
17400 mN
1500 mN
1400 mN
1300 mN
1200 mN
1100 mN
1000 mN
WV95-01
WV04-124
WV95-05
WV04-125
WV96-39
WV96-35
WV04-124
149.9m
WV95-04
226.2m
WV05-167
201.2m
WV95-05
236.5m
WV96-39
483.3m
WV96-35
513.4m
094554
Yukon Zinc Corporation
Wolverine Deposit
Drill Profiles
Section 16700E
Date:22/6/2005
Author: Dessureau
Office: Vancouver
Drawing: L_16700E
Scale: 1:1000
Projection: UTM NAD 27 Zone 9
0
25
50
metres


16700 mN
16800 mN
16900 mN
17000 mN
17100 mN
17200 mN
17300 mN
17400 mN
1500 mN
1400 mN
1300 mN
1200 mN
1100 mN
1000 mN
WV96-36
WV96-20
WV96-21
WV95-24
WV04-126
WV95-07
WV95-20
WV95-21
WV96-35
DHCS
ARSI
ARRT
RHAR
STFL
RHFS
EXMT
DHLC
RHST
RHCL
RHSR
RHFR
RHAT
ARCB
ARGR
RHTT
ARMS
ARTF
ADAF
ADTF
ARNK
RHFF
RHAL
RHTF
QTVN
EXMP
ARSC
WV95-24
170.4m
WV04-126
181.3m
WV95-20
315.8m
WV95-21
322.8m
WV96-35
459.4m
094554
Yukon Zinc Corporation
Wolverine Deposit
Drill Profiles
Section 16600E
Date:22/6/2005
Author: Dessureau
Office: Vancouver
Drawing: L_16600E
Scale: 1:1000
Projection: UTM NAD 27 Zone 9
0
25
50
metres

16700 mN
16800 mN
16900 mN
17000 mN
17100 mN
17200 mN
17300 mN
17400 mN

1500 mN
1400 mN
1300 mN
1200 mN
1100 mN
1000 mN

WV97-77
113.4m
WV00-117
146.0m
WV96-70
139.3m
WV96-68
177.7m
WV04-123
201.6m
WV96-56
370.9m
WV97-90
403.6m

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Wolverine Deposit
Drill Profiles
Section 16400E

Date:22/6/2005	
Author: Dessureau	
Office: Vancouver	
Drawing: L_16400E	
Scale: 1:1000	Projection: UTM NAD 27 Zone 9

0 25 50
metres

16700 mN
16800 mN
16900 mN
17000 mN
17100 mN
17200 mN
17300 mN
17400 mN
1500 mN
1400 mN
1300 mN
1200 mN
1100 mN
1000 mN
WV96-72
126.6m
WV96-63
184.4m
WV04-122
172.3m
WV96-61
244.1m
WV96-69
376.9m
094554

Yukon Zinc Corporation

Wolverine Deposit
Drill Profiles
Section 16350E

Date:22/6/2005
Author: Dessureau
Office: Vancouver
Drawing: L_16350E
Scale: 1:1000
Projection: UTM NAD 27 Zone 9

0 25 50
metres

16700 mN
16800 mN
16900 mN
17000 mN
17100 mN
17200 mN
17300 mN
17400 mN

1500 mN
1400 mN
1300 mN
1200 mN
1100 mN
1000 mN

WV04-121
175.3m

WV97-84
183.2m

WV97-58
261.2m

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Yukon Zinc Corporation

Wolverine Deposit
Drill Profiles
Section 16200E

Date:22/6/2005
Author: Dessureau
Office: Vancouver
Drawing: L_16200E
Scale: 1:1000
Projection: UTM NAD 27 Zone 9

0 25 50
metres

439600 mE
439700 mE
439800 mE
439900 mE
440000 mE
440100 mE
440200 mE
440300 mE
440400 mE

16100E
16150E
16200E
16250E
16300E
16350E
16400E
16450E
16500E
16550E
16600E
16650E
16700E
16750E
16800E
16850E
16900E
16950E
17000E
17050E
17100E

6811600 mN
6811500 mN
6811400 mN
6811300 mN
6811200 mN
6811100 mN
6811000 mN
6810900 mN
6810800 mN

WV04-121
WV04-122
WV04-123
WV04-124
WV04-125
WV04-126
WV04-127
WV04-128, WV04-129

Yukon Zinc Corporation

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Wolverine Deposit Drilling
2004

Date:07/06/2005	
Author: G.R.D.	
Office: Wolverine	
Drawing: WV_2004	
Scale: 1:1500	Projection: UTM Zone 9 (NAD 27 for Canada)

0 25 50 100
metres

Fisher Zone

Wolverine Deposit

AIRSTRIP

Finlayson Water
- Stream
- Lake

Finlayson Topography
- 20m
- 100m

Roads and Trails
- Roads
- Trails

Claims and Groups
- Claims covered in this assessment
- Claims where work was preformed
- Other YZC Claims

Yukon Zinc Corporation

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Wolverine Deposit Claims
2004 Assessment Report
NTS Map Sheet: 105G/08
Wolverine Lake

Date:1/8/2005	
Author: GRD	
Office: Vancouver	
Drawing: Figure 2.	
Scale: 1:25000	Projection: UTM Zone 9 (NAD 27 for Canada)

0 500 1000
metres

RRDC R-18A
RRDC R-71B
RRDC R-19B
RRDC R-73A
RRDC R-3B
RRDC R-54A
RRDC R-53A
RRDC R-7A
RRDC R-6A
RRDC R-4A
RRDC R-76A
RRDC R-58B
RRDC R-32A
RRDC R-17B
RRDC R-14B
Fisher Zone
Wolverine Deposit
RRDC R-16A
RRDC R-15A
LFN R-142A
LFN R-113A
LFN R-79A
LFN R-112A
LFN R-145A
LFN R-154B
LFN R-139A
LFN R-146A

Yukon Zinc Corporation
Teck Cominco Mineral Claims
True North Gems Inc. Mineral Claims
Other Mineral Claims
Expired Mineral Claims
Claims Expired in the Past 6 Months
R-Blocks
Robert Campbell Highway
Lakes

094554

Yukon Zinc Corporation

Date:3/12/2004	Finlayson Region Quartz Mineral Claims
Author: A. Caldwell	January 18, 2005 Mapping File
Office: Vancouver	February 01, 2005 Claim Owner File
Figure: 1	
Rev.Date:9/2/2005	
Version: 4.0	FileName: Finlayson_Claims_LargeSize.WOR
Scale: 1:125000	Projection: UTM Zone 9 (NAD 27 for Canada)

0 2 4 8
kilometres