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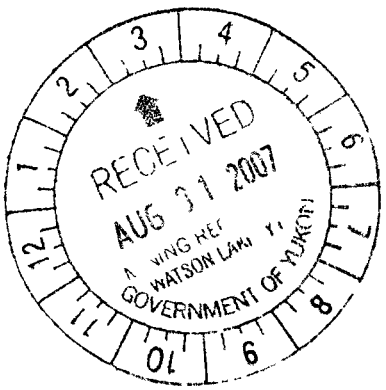

ASSESSMENT REPORT ON THE 2006 DRILLING FOR THE WOLVERINE DEPOSIT

Written By:

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Vice President Exploration

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Monday, August 27, 2007

Submitted
Monday, August 27, 2007

105-G-08

Costs asserted with this report have been approved in the amount of $ 78,400.00 for assessment credit on the Certificate of Work No. QL26036.

Mining Recorder
Watson Lake Mining District

Table of Contents

Property Location and Access

The Wolverine Camp is located 275.5 kilometres east-north-east of Whitehorse in the Yukon Territories (Figure 1). 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

Property 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.

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 2) It consists of mid-late Paleozoic volcanic, plutonic, and sedimentary rocks. The volcanic-hosted massive sulphide deposits of the Finlayson Lake District are located in the eastern most section of the Yukon Tanana Terrane, which has been displaced to the south-east by the Tintina Fault Zone (Figure 2). 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 sedimentray rocks, marbles, and granitic orthogneiss. The Fyre Lake (Cu-rich,

Introduction

The Wolverine Deposit is a sediment-hosted, polymetallic, VMS deposit located in the Finlayson Mining District of the Yukon Territory. Work has been preformed on the Wolverine deposit during several periods between 1995 and the present including several regional, infill, and geotechnical drill programs and approximately 700m of underground development for test mining in 2005.

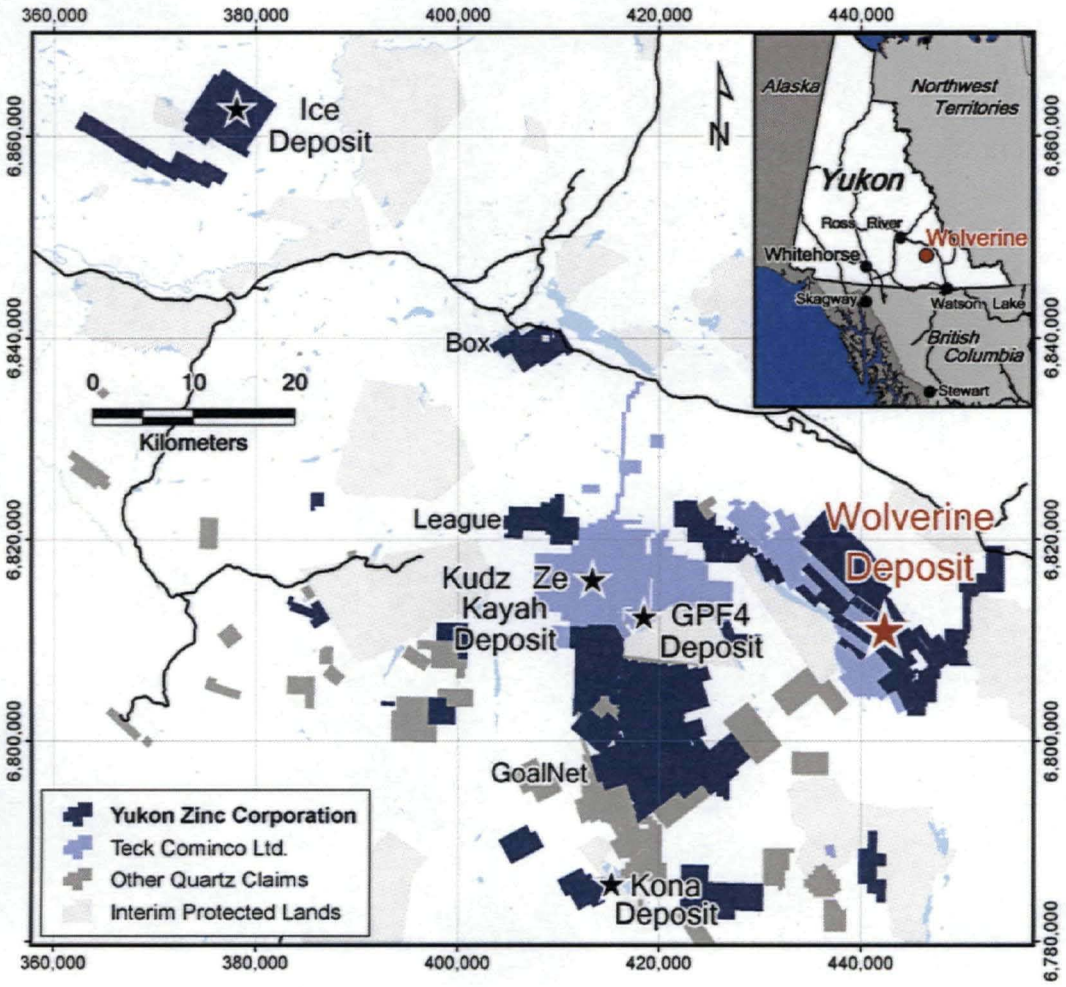


Figure 1: Map of the Finlayson District showing the location of the Wolverine deposit, and other deposits within the district.

massive sulphide) deposit is located near the base of this succession, while the Kudz Ze Kayah and GP4F (polymetallic, massive sulphide) deposits are located within the upper portion of this succession The middle unit (called the Wolverine Succession) consists of carbonaceous argillite, felsic volcanic rocks and high level intrusions, and as well as exhalative carbonate and/or iron oxides. The Wolverine (polymetallic, 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, and is host to the Ice (Cu-rich massive sulphide) deposit. The Money Property covers approximately 1030ha of the Campbell Range Succession, and contains known massive sulphide mineralization.

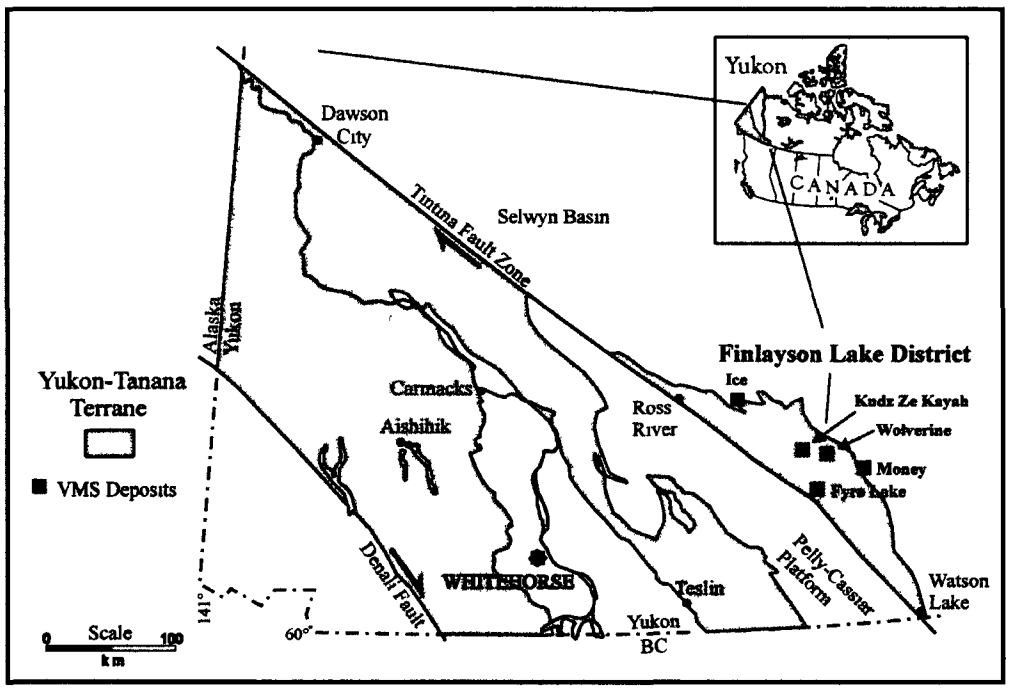


Figure 2. Location of the Wolverine, Kudz Ze Kayah, Fyre Lake, and Ice Deposits, as well as the location of the Money occurance with respect to the Yukon-Tanana Terrane, Yukon, Canada (modified from Piercey, 2001, Wheeler and McFeely, 1991 and Hunt, 1998).

Drilling

In 2006, 10 holes were drilled on the Wolverine property between May 11 and June 14, 2006 on the Foot 7, 9, 11 Quartz Mining Claims. These holes were drilled on 5 sites (Site 1 though 5 below) located south of the deposit (Figure 3). The holes were drill to three different target depths to install either a shallow (20 metres), medium (75 metres) or deep (170 metres) Monitored drill station respectfully Table 1 lists the details of the drill holes and Monitored drill stations.

Drill Hole Number	Site Number	Drill Hole Station Number	Grid East	Grid North	Elevation (m)	Length (m)	Claim Number	Hole Angle (o)	Azimuth (o)	Contractor
WV06-191	Site 5	N/A	16200	16590	1339 9	78 6	FOOT 11	-90	180	Advanced
WV06-192	Site 5	MW06-08D	16200	16590	1339 9	171 1	FOOT 11	-90	180	Advanced
WV06-193	Site 5	MW06-08M	16200	16590	1340 0	82 8	FOOT 11	-90	180	Advanced
WV06-194	Site 5	MW06-08S	16200	16590	1340 1	22 9	FOOT 11	-90	180	Advanced
WV06-195	Site 3	MW06-10M	17020	16500	1340 8	104 3	FOOT 9	-90	180	Advanced
WV06-196	Site 3	MW06-10S	17010	16500	1340 6	19 8	FOOT 9	-90	180	Advanced
WV06-197	Site 1	MW06-12S	17310	16450	1339 0	21 3	FOOT 7	-90	180	Advanced
WV06-198	Site 4	MW06-11S	16725	16500	1332 5	21 3	FOOT 7	-90	180	Advanced
WV06-199	Site 2	MW06-09M	17075	16390	1340 5	80 4	FOOT 9	-90	180	Advanced
WV06-200	Site 2	MW06-09S	17075	16390	1340 8	21 3	FOOT 9	-90	180	Advanced
WV06-201	Site 3	MW06-10D	17010	16500	1341 0	143 9	FOOT 9	-90	180	Advanced

Drill Hole Number	Logged By	Date Start	Date Finished	NTS Sheet	NTS Number	UTM Datum	UTM Zone	UTM East	UTM North
WV06-191	G Dessureau	5/11/2006	5/14/2006	Wolverine Lake	105G/08	NAD 27	9	439444 79	6811008 97
WV06-192	G Dessureau	5/14/2006	5/20/2006	Wolverine Lake	105G/08	NAD 27	9	439444 79	6811008 97
WV06-193	G Dessureau	5/21/2006	5/23/2006	Wolverine Lake	105G/08	NAD 27	9	439450 04	6811004 96
WV06-194	G Dessureau	5/23/2006	5/24/2006	Wolverine Lake	105G/08	NAD 27	9	439455 79	6811001 47
WV06-195	G Dessureau	5/24/2006	5/26/2006	Wolverine Lake	105G/08	NAD 27	9	440086 79	6810482 57
WV06-196	G Dessureau	5/27/2006	5/27/2006	Wolverine Lake	105G/08	NAD 27	9	440081 79	6810485 83
WV06-197	G Dessureau	5/28/2006	5/28/2006	Wolverine Lake	105G/08	NAD 27	9	440307 42	6810275 79
WV06-198	G Dessureau	5/30/2006	5/30/2006	Wolverine Lake	105G/08	NAD 27	9	439840 36	6810634 79
WV06-199	G Dessureau	6/1/2006	6/4/2006	Wolverine Lake	105G/08	NAD 27	9	440074 08	6810354 77
WV06-200	G Dessureau	6/6/2006	6/7/2006	Wolverine Lake	105G/08	NAD 27	9	440073 46	6810352 27
WV06-201	G Dessureau	6/9/2006	6/14/2006	Wolverine Lake	105G/08	NAD 27	9	440078 63	6810486 92

Table 1: List of drill holes and drill hole information

The drill was moved to Site 1, 3, and 5 with the CAT D8N dozer or the CAT 320 Excavator, and to site 2 and 4 by an A-star A350 helicopter. Drill core was logged by Mr. Gilles Dessureau and is being stored at the Wolverine upper core storage. Monitored drill hole stations were installed in the holes as per direction by Alex Rosenberg and/or Justin Stockwell of Lorax Environmental.

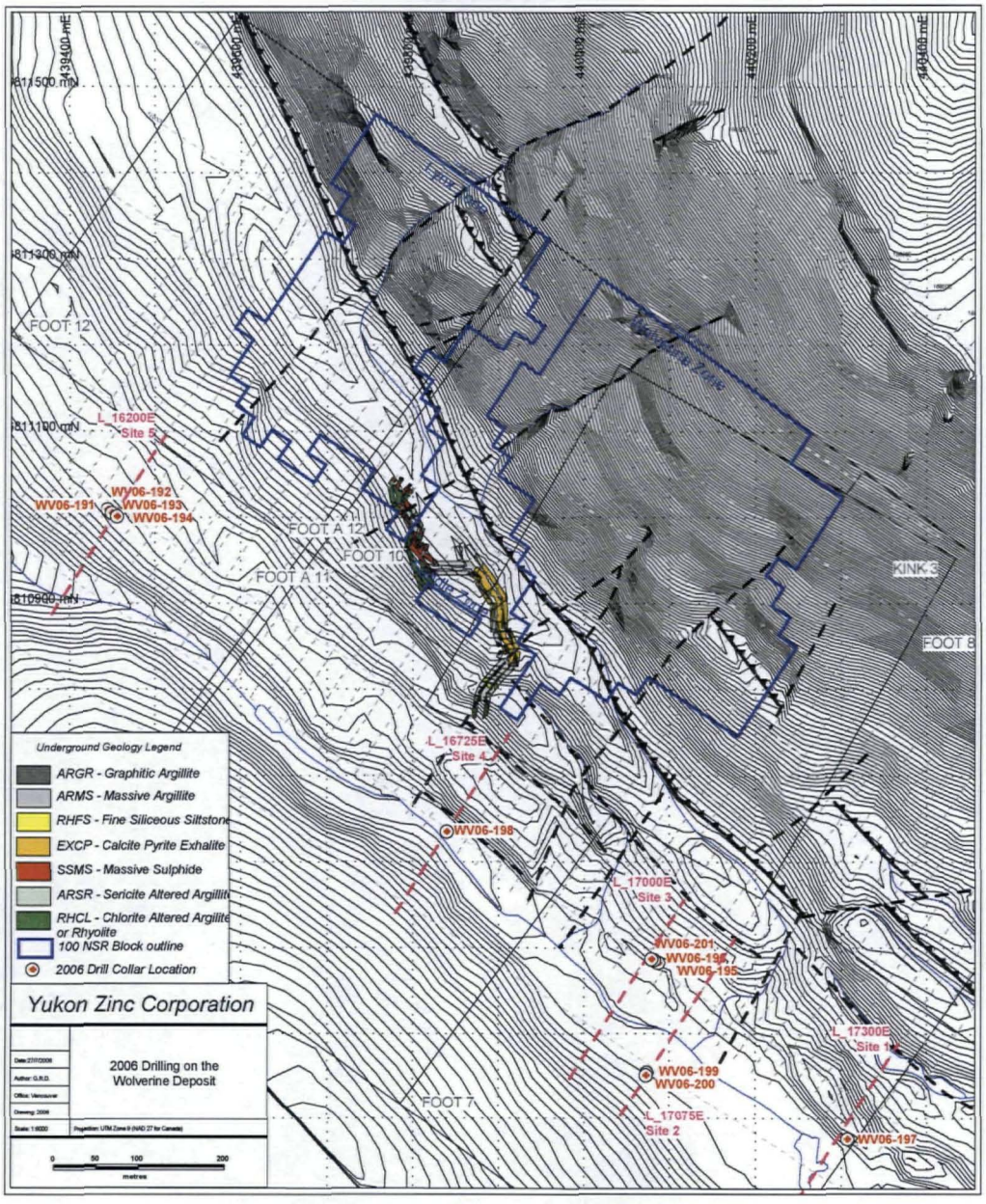


Figure 3: Map of the Wolverine deposit and 2006 drill collar locations

Drill hole information

The following is a brief description of each drill hole. A detailed core log is given in Appendix II.

Hole WV05-191 was drilled at site number 5 to install a Monitored drill station South and west of the deposit. This hole was lost at a depth of 78.6 metres. The driller was unable to go back down the hole after a bit change. An attempt was made to drill out the cave; however the rods became temporarily stuck and it was decided the hole would be abandoned. WV06-191 was attempted from the same hole at 28.7m and was abandoned at 31.8 for a cave. The hole was shut down by Mr. Dessureau at 3:00pm 14/05/2006 The drill hole intersected 78 metres of carbonaceous argillite locally containing trace pyrite.

Hole WV06-192 was drilled at site number 5 to install a Monitored drill station south-west of the deposit. This hole was shut down at 171.1m and intersected 171.1m of laminated to massive carbonaceous argillite with two zones (106.70m-129.40m and 155.5m –160.1m) of sericite altered argillite. Monitored drill station MW06-08D was installed between 177.6m and 180.9m and the hole was cemented to surface. The core was logged and 0 samples were taken.

Hole WV06-193 was drilled at site number 5 to install a Monitored drill station south-west of the deposit. This hole was shut down at 82.8 metres and intersected 82.8 metres of laminated to massive carbonaceous argillite. Monitored drill station MW0608M was installed between 78 5 and 81.8 metres and the hole was cemented to surface The core was logged and 0 samples were taken

Hole WV06-194 was drilled at site number 5 to install a Monitored drill station south-west of the deposit. This hole was shut down at 22.9 metres and intersected 22.9 metres of laminated to massive carbonaceous argillite. Monitored drill station MW0608S was installed between 18.6 and 20.2 metres and the hole was cemented to surface. The core was logged and 0 samples were taken.

Hole WV06-195 was drilled at site number 3 to install a Monitored drill station south of the deposit. This hole was shut down at 104.3 metres and intersected approximately 83 metres of quartz, feldspar, pyroxene (amphibole)-phyric, foliated, felsic intrusion overlying approximately 20m of foliated, crystal, lithic, lapilli tuff. Monitored drill station MW06-10M was installed between 96.6 and 99.4 metres and the hole was cemented to surface. The core was logged and 6 samples were taken and submitted to ALS Chemex for litho-geochemical analysis.

Hole WV06-196 was drilled at site number 3 to install a Monitored drill station south of the deposit. This hole was shut down at 19.8 metres and intersected

approximately 3 metres of foliated, crystal, lithic, lapilli tuff. Monitored drill station MW06-10S was installed between 15.8 and 17.4 metres and the hole was cemented to surface. The core was logged and 0 samples were taken

Hole WV06-197 was drilled at site number 1 to install a Monitored drill station south-east of the deposit. This hole was shut down at 21.3 metres and intersected approximately 8 metres of grey fault gouge composed of fragments of crystal, lithic, lapilli tuff. Monitored drill station MW06-12S was installed between 17.6 and 19.3 metres and the hole was cemented to surface. The core was logged and 0 samples were taken

Hole WV06-198 was drilled at site number 4 to install a Monitored drill station south of the deposit. This hole was shut down at 21.3 metres and intersected 12m of foliated, crystal, lithic, lapilli tuff Monitored drill station MW06-11S was installed between 18.5 and 20.1 metres and the hole was cemented to surface. The core was logged and 0 samples were taken.

Hole WV06-199 was drilled at site number 2 to install a Monitored drill station south of the deposit. This hole was shut down at 80.4 metres and intersected 38 metres of foliated, crystal, lithic, lapilli tuff. Monitored drill station MW06-09M was installed between 75.8 and 79 1 metres and the hole was cemented to surface. The core was logged and 1 sample was taken to be submitted to Levelton Consulting for aggregate tests for concrete results are pending.

Hole WV06-200 was drilled at site number 2 to install a Monitored drill station south of the deposit. This hole was shut down at 21.3 metres and intersected approximately 3 metres fine to medium sand with several small pieces of crystal, lithic, lapilli tuff at the end of the hole. Monitored drill station MW06-09S was installed between 19.3 and 20.3 metres and the hole was cemented to surface. The core was logged and 0 samples were taken.

Hole WV06-201 was drilled at site number 3 to install a Monitored drill station south of the deposit. This hole was shut down at 143.9 metres and intersected approximately 60 metres of quartz, feldspar, pyroxene (amphibole)-phyric, foliated, felsic intrusion overlying approximately 63m of foliated, crystal, lithic, lapilli tuff overlying 20 metres of laminated to massive carbonaceous argillite. Monitored drill station MW06-10D was installed between 137.1 and 140.4 metres and the hole was cemented to surface. The core was logged and 10 samples were taken and submitted to ALS Chemex for litho-geochemical analysis.

Geology Descriptions

Several distinct lithologies were intersected during the 2006 drill program. It is assumed that all of these lithologies are in the footwall of the Wolverine deposit since they were drilled at a lower elevation to the south of the 330° striking and 30° dipping Wolverine stratigraphy. All lithologies showed similar deformation

compared to the Wolverine stratigraphy with a pervasive foliation with two less obvious conjugate join sets. Several units often show intense ptygmatic 'S' folds and are cut by late thin (1-2mm) quartz veins.

The following is a description of the lithologies encountered in the 2006 drilling.

Carbonaceous argillite (ARCB)

The carbonaceous argillite is a dark grey to black, massive to well foliated, carbonaceous to weakly siliceous mudstone (Figure 4). Some varieties of argillite contain 1-10% flattened siliceous fragments or bands with trace to 5% amorphous pyrite can be associated with the silica-rich bands (Figure 5).

Figure 4: Carbonaceous Argillite (massive to laminated)

Figure 5: Laminated Carbonaceous Argillite (10% fragments and trace pyrite)

Siliceous argillite (ARSI)

The term siliceous argillite is used to describe argillite with a high silica content. This silica content can be due to an increased in the siliceous component within the argillite or due to later silica alteration of the argillite. It may be difficult to distinguish between the two, and it is possible that both processes are occurring simultaneously. However there are examples of both processes which are relatively unambiguous. Intense silica alteration, usually occurring around silica veins (stock-work or breccias), is pervasive but inhomogeneous and generally decreases away from a source (i.e. quartz vein) (Figure 6 and Figure 7). The high silica content occurring locally within thin laminations to thin beds is generally interpreted to be an addition in the siliceous component during deposition (Figure 8).

Figure 6: Intensely silica altered argillite.

Figure 7: Intensely silica altered argillite with pyrite

Figure 8: Folded siliceous argillite with carbonaceous argillite

Sericite altered argillite (ARSR)
Two horizons of argillite were distinctly and intensely sericite altered. This alteration was the most intense toward the center of both altered zones and decreased in intensity towards the margins. The most intensely altered argillite was still maintained a similar foliation to the unaltered argillite and was still identifiable as argillite (Figure 9).

Figure 9: Intensely sericite altered argillite.

Quartz Feldspar Porphyry (QFPH)
There are several varieties of porphyries in various states of alteration intersected in the 2006 drilling (WV06-195, and WV06-201). They have been logged as QFPH or FDPH for the simplicity of maintaining the nomenclature associated with previous porphyries intersected in the Wolverine area and a detailed mineralogical, geochemical, and alteration study is required to fully understand the nature of these intrusions. The following is a brief summary of some of the observations made on these units.

The porphyries (Figures 10-14) vary in mineralogy, crystal size and abundance, and in alteration with respect to the apparent margins of the intrusive bodies. There is a crystal size reduction towards the margins as well as a decrease in the modal proportion of pyroxene (or amphibole), and a modal increase in quartz and feldspar. It is possible that these intrusions were introduced in a number of pulses as there seems to be several horizons of marginal facies towards the center of the intrusion. Deformation and the pervasive foliation have destroyed most contacts making a definitive observation on the margins difficult.

The porphyries are cut by pyrite veins which locally contain trace disseminated sphalerite. These veins are generally parallel to foliation and are associated with moderate and strong alteration.

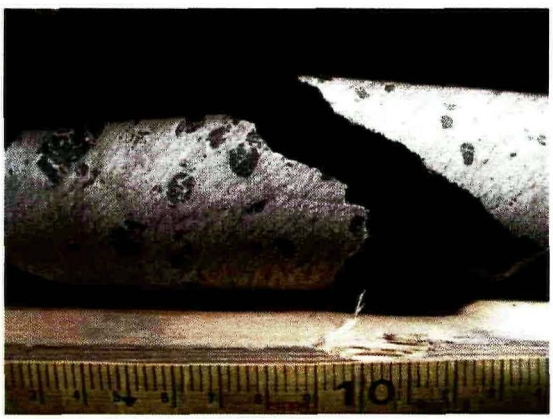


Figure 10: Least altered quartz-feldspar-pyroxene (amphibole) porphyry

Figure 11: Moderately altered quartz-feldspar-pyroxene (amphibole) porphyry (chlorite and sericite)

Figure 12: Intensely altered quartz-feldspar-pyroxene (amphibole) porphyry with distinctive potassium or manganese + sericite alteration

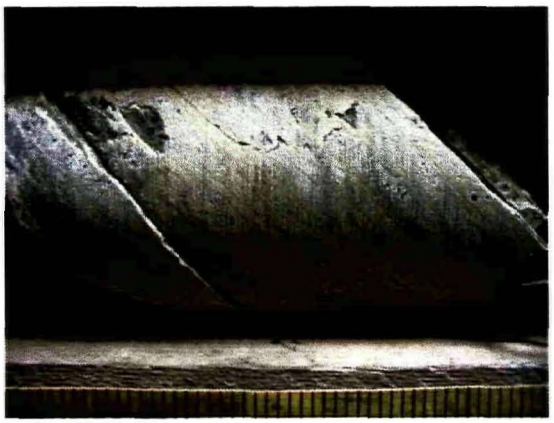


Figure 13: Marginal facies quartz porphyry with moderate sericite alteration

Figure 14: Sphalerite and pyrite cutting a sericite altered QFPH with pyroxene (amphibole).

Rhyolite Lapilli Tuff (RHLT)
A relatively homogeneous crystal-lithic lapilli tuff was intersected in several holes (WV06-195, WV06-196, WV06198, WV06-199, WV06-200, WV06-201). This tuff contains 10-15% 1-5mm quartz and/or feldspar crystals, with 115% flattened argillite fragments, and 1-10% flattened silica-rich fragments in a light grey ash matrix (Figure 15). This unit typically shows upward grading with a decrease in silica rich and argillitic lithic fragments (Figure 16). This unit is a competent unit and generally has >90% recovery.

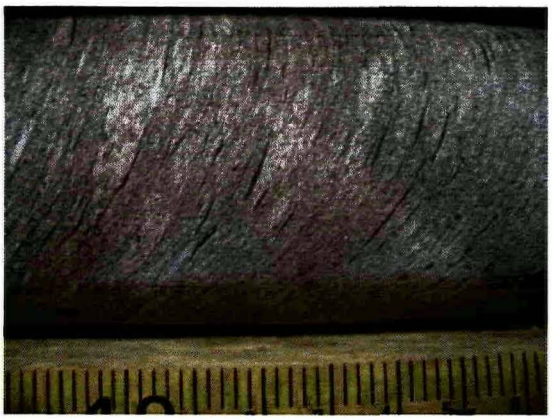


Figure 15: Crystal-lithic, lapilli tuff. Note the abundant flattened argillite fragments. This unit grades up hole into the crystal-rich lapilli tuff shown below

Figure 16: Crystal-lithic lapilli tuff

Fault Gouge (STGG)
Fault gouge was intersected in several holes and is usually very similar to the host rock (i.e. if the host rock is carbonaceous argillite, the fault gouge consists of argillite fragments in a carbonaceous mud (Figure 17-18). Fault gouge often occurs between units suggesting the strain which produced the regional foliation was focused along lithological contacts.

Figure 17: Carbonaceous fault gouge composed of carbonaceous argillite fragments in a carbonaceous mud

Figure 18: Fault gouge composed of lapilli tuff fragments in a felsic matrix, likely compositionally similar to the lapilli tuff

Sections

The graphic logs of the drill holes are displayed on 330° (perpendicular to the strike of the regional foliation) cross sections and are shown in Figures 19 through 23. The section numbers: L_16200E (site 5), L_16725E (site 4), L_17000E (site 3), L_17075E (site 2), 17300E (site 1) correspond to the section lines produced for the Wolverine deposit.

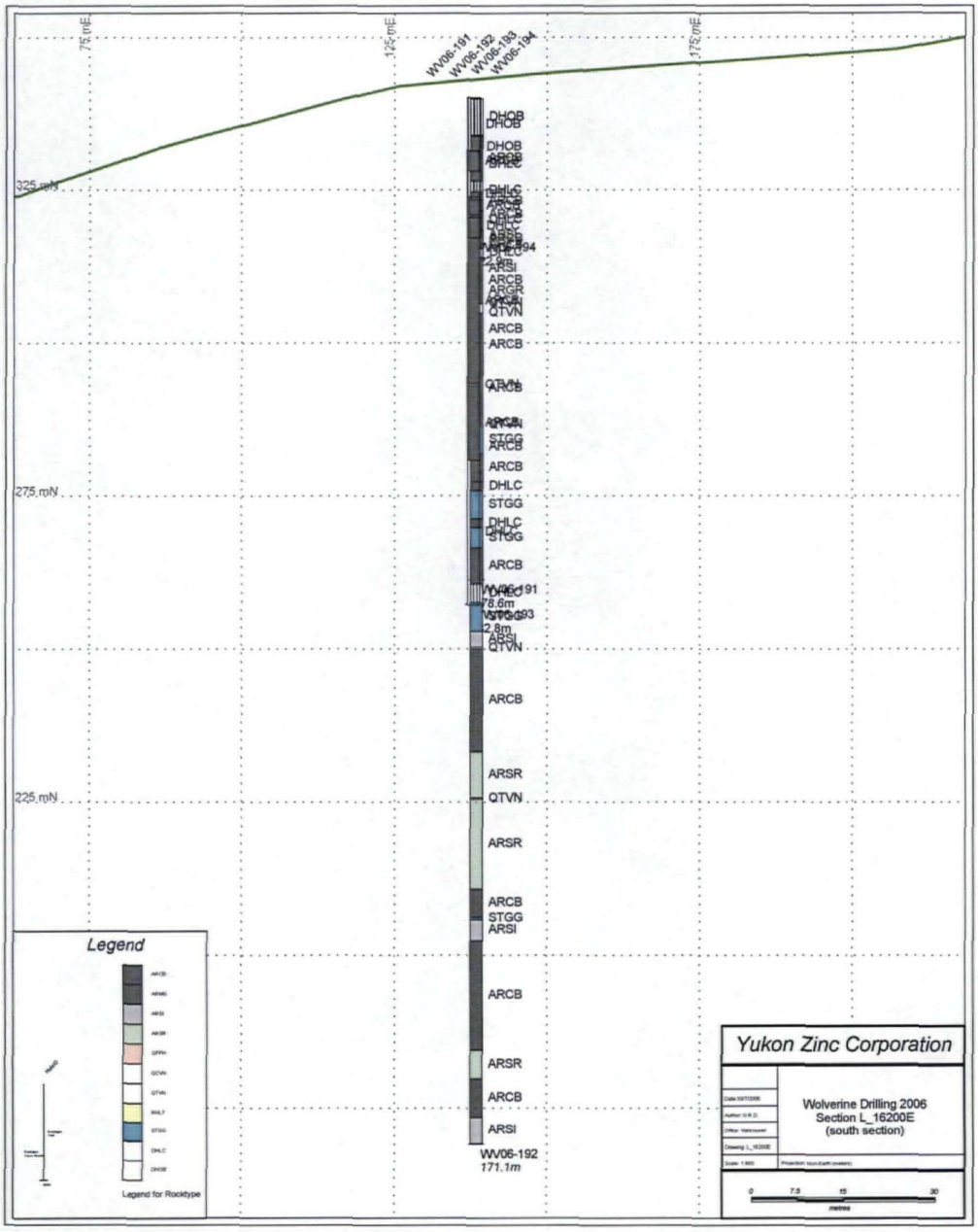


Figure 19: Section L_16200E with drill holes WV06-191, WV06-192, WV06-193, and WV06-194 (elevations are x1000)

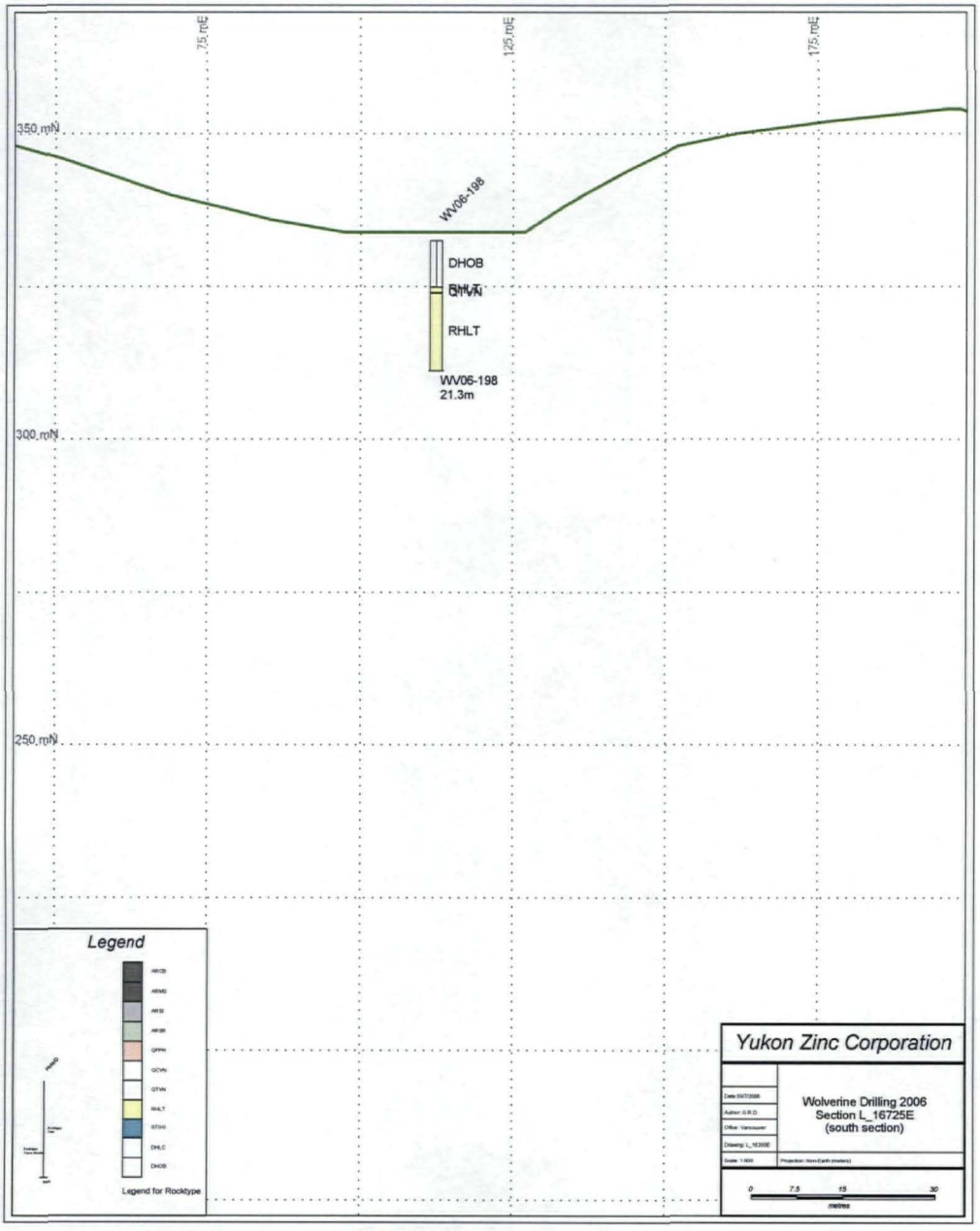


Figure 20: Section L_16725E with drill hole WV06-198 (elevations are x1000)

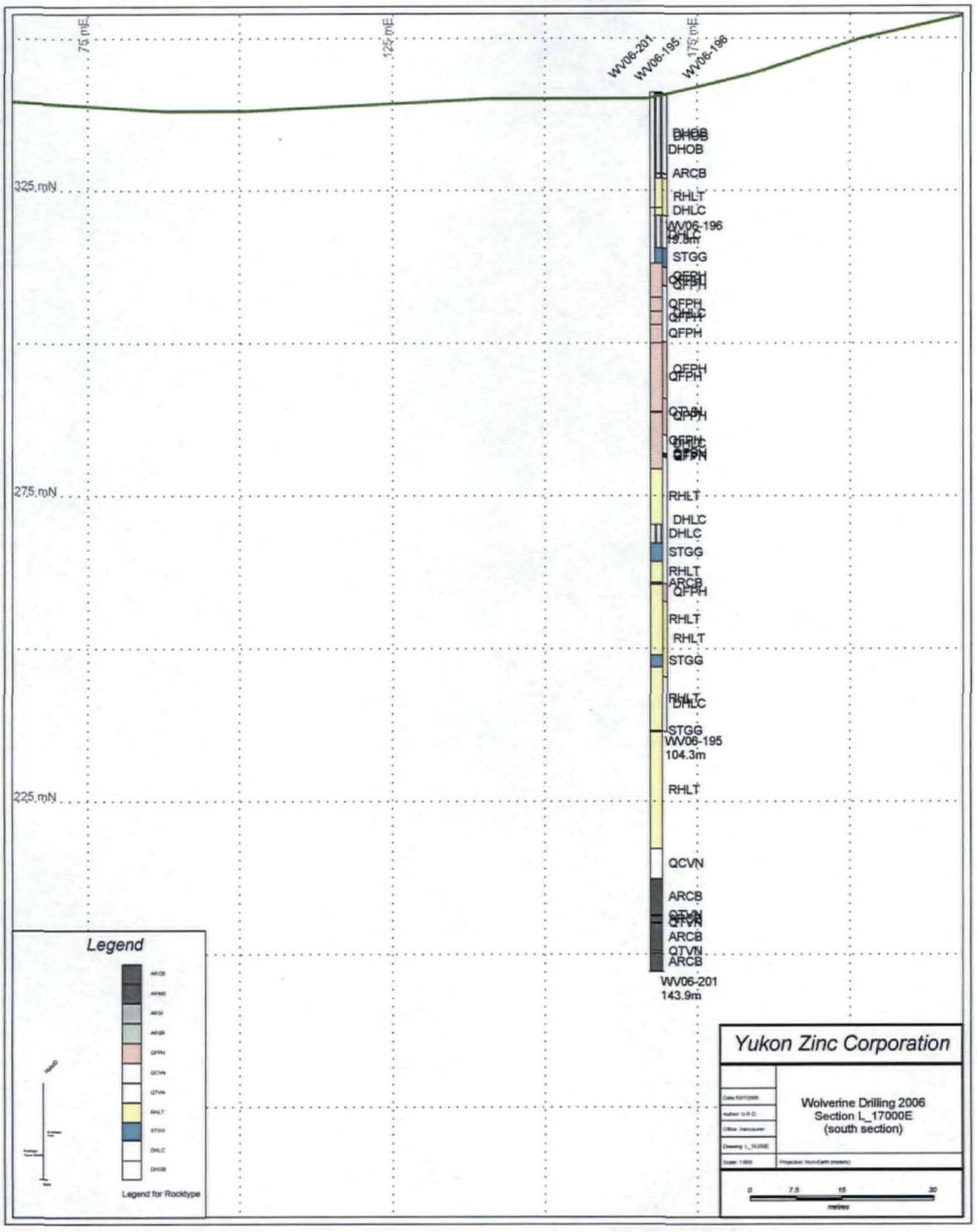


Figure 21: Section L_17000E with drill holes WV06-195, WV06-196, and WV06-201 (elevations are x1000)

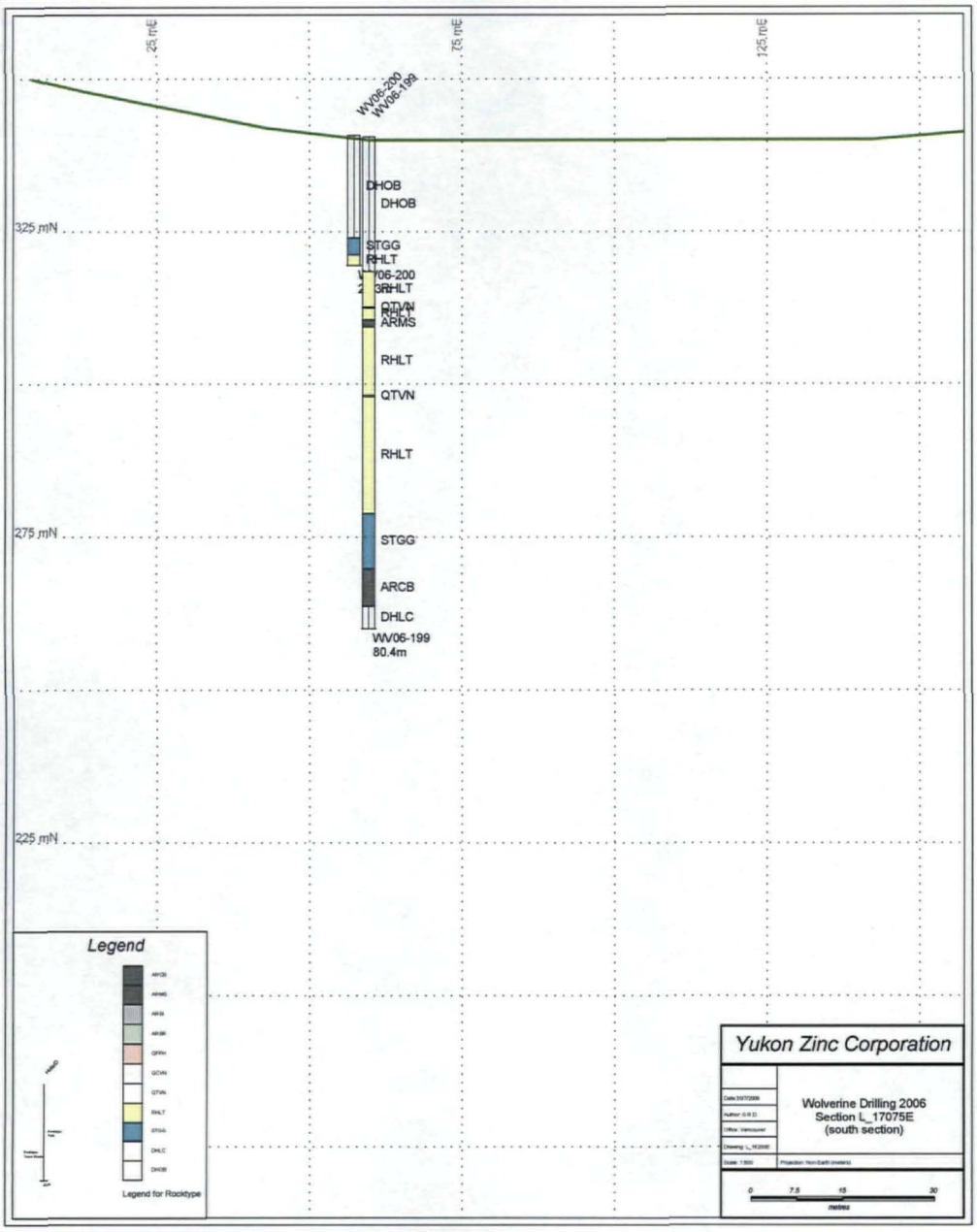


Figure 22: Section L_17075E with drill holes WV06-199, and WV06-200 (elevations are x1000)

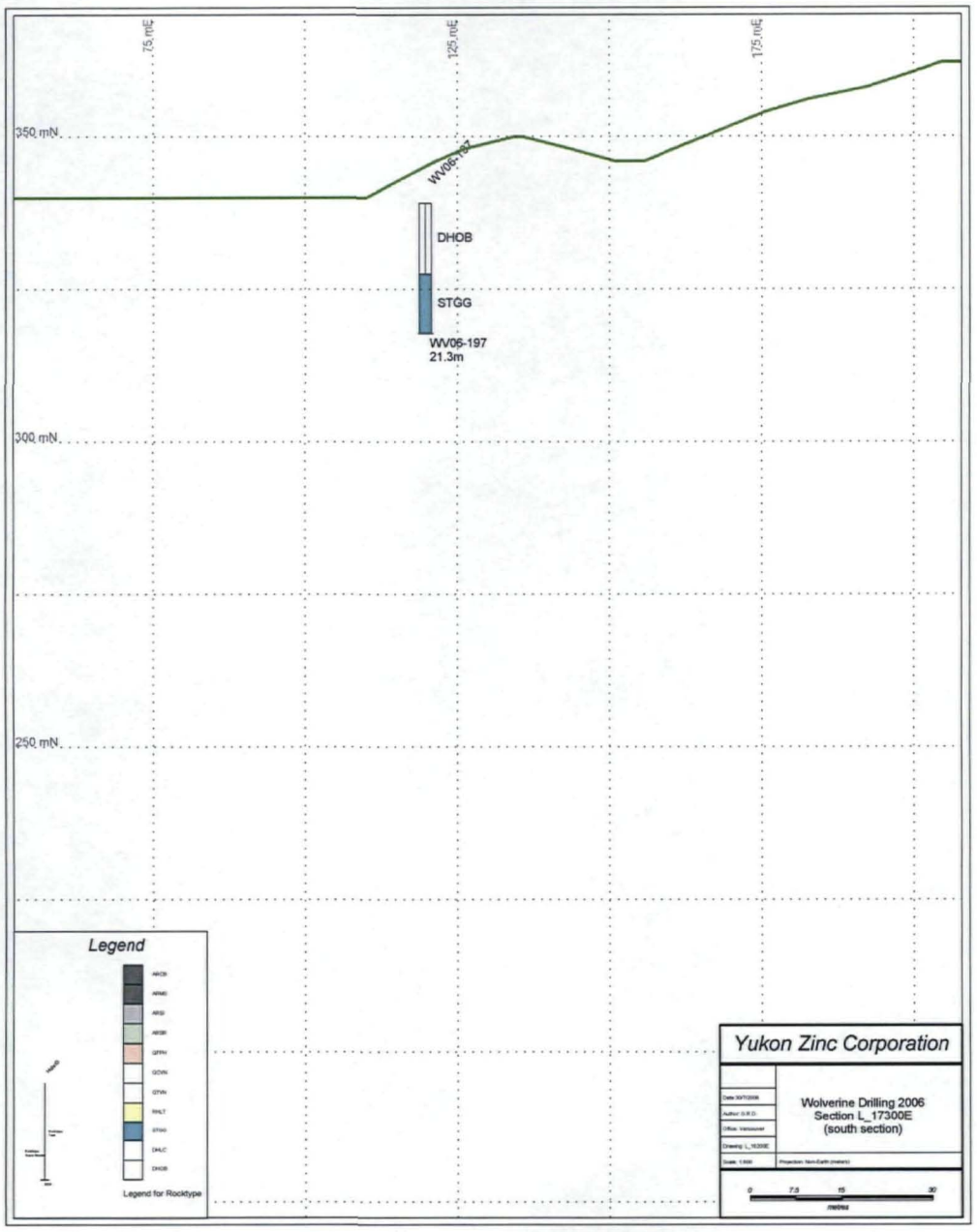


Figure 23: Section L_17300E with drill hole WV06-197 (elevations are x1000)

Geochemistry

A total of 16 samples were collected from the 2006 drilling, and were submitted to ALS Chemex for analysis. The samples were analyzed for SiO2 (wt %), Al2O3 (wt %), Fe2O3 (wt %), CaO (wt %), MgO (wt %), Na2O (wt %), K2O (wt %), Cr203 (wt %), TiO2 (wt %), MnO (wt %), P2O5 (wt %), SrO (wt %), BaO (wt %), L O I by ICPMS60 (give details), and Ag (ppm), Ba (ppm), Ce (ppm), Co (ppm), Cr (ppm), Cs (ppm), Cu (ppm), Dy (ppm), Er (ppm), Eu (ppm), Ga (ppm), Gd (ppm), Hf (ppm), Ho (ppm), La (ppm), Lu (ppm), Mo (ppm), Nb (ppm), Nd (ppm), Ni (ppm), Pb (ppm), Pr (ppm), Rb (ppm), Sm (ppm), Sn (ppm), Sr (ppm), Ta (ppm), Tb (ppm), Th (ppm), Tl (ppm), Tm (ppm), U (ppm), V (ppm), W (ppm), Y (ppm), Yb (ppm), Zn (ppm), and Zr by MEMS81 (give details). QAQC protocols were reported by ALS Chemex. All results confirm known lithologies and no further processing required.

Sample	Drill Hole	ALS number	From (m)	To (m)	Lithology
GRD06-001	WV06-195	B001435	28 5	28 6	FDPH
GRD06-002	WV06-195	B001436	31 0	31 1	FDPH
GRD06-003	WV06-195	B001437	43 6	43 7	FDPH
GRD06-004	WV06-195	B001438	52 7	52 8	FDPH
GRD06-005	WV06-195	B001439	92 6	92 7	RHLT
GRD06-006	WV06-195	B001440	93 4	93 5	RHLT
GRD06-007	WV06-201	B001441	28 5	28 6	QFPH
GRD06-008	WV06-201	B001442	32 7	32 8	QFPH
GRD06-009	WV06-201	B001443	33 8	33 9	QFPH
GRD06-010	WV06-201	B001444	36 5	36 6	QFPH
GRD06-011	WV06-201	B001445	39 3	39 4	QPH
GRD06-012	WV06-201	B001446	50 3	50 4	QFPH
GRD06-013	WV06-201	B001447	61 4	61 5	QPH
GRD06-014	WV06-201	B001448	77 2	77 3	RHLT
GRD06-015	WV06-201	B001449	95 3	95 4	RHLT
GRD06-016	WV06-201	B001450	119 5	119 6	RHLT

Table 2: List of Samples submitted to ALS for analysis

Environmental Reclamations

The following is a brief summary of the environmental impact for the 2006 drilling where details of the environmental impacts are given in the Environmental Impact Assessment for 2006 Drilling report.

At the time this report was written the drill was not moved from the pad built for the last set up. The drill will either be flown off the property if there is no further drilling proposed for the site. If more drilling is recommended the drill will be flown

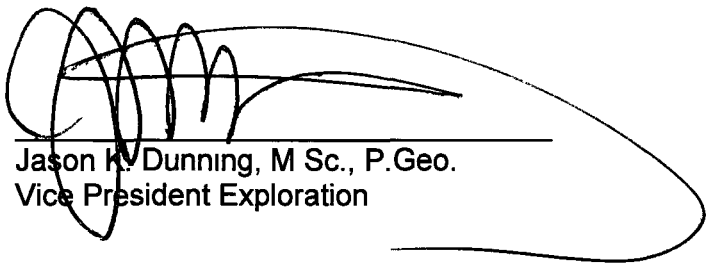
from its current location to the next set up if it is a fly job, and to the drill shack (at the airstrip) if it is a skid job

All other drill sites were reclaimed by removing all drilling paraphernalia including garbage, timber, drill steel, and the topography (where disturbed) was generally reestablished around the Monitored drill stations. Photos of the reclaimed drill sites are available in the Environmental Impact Assessment for 2006 Drilling report Once the drill (and the timbers it sits on) has been removed from the final site, no further reclamation is required for the 2006 drill sites

Recommendations for further work

The property should be maintained in good standing pending further evaluation using geological mapping, geochemical sampling, geophysical surveys, and diamond drilling to more fully evaluate with additional exploration

Respectfully Submitted,



Jason K. Dunning, M Sc., P.Geo.
Vice President Exploration

STATEMENT OF EXPENDITURES

I, Jason K. Dunning, as agent for Yukon Zinc Corporation , #701-475 Howe St., Vancouver, B C do solemnly declare that Geotechnical Drilling was carried out on the Foot claims (7,9 & 11) during May and June of 2006

Cost	Total
Water Supply	$5,890 00
Geotechnical Drilling Charges	$103,232.00
Materials	$52,526.93
Professional Salaries and Fees (including Report Writing)	$32,800 00
Drill Moving	$8,662.50
Heli-Fuel	$1,425.00
Total:	$204,536.43

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

Declared before me at Vancouver in the Province of British Columbia this 27th day of August, 2007.

Respectfully submitted,
YUKON ZINC CORPORATION

Jason K. Dunning, M.Sc., P Geo.
Vice President Exploration

** this statement of expenditures was originally submitted for filing by Andrew Caldwell on March 2nd, 2007

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Appendix I

Geologist Certification

Certificate of Qualifications

1 I, ***Jason King Dunning***, of 208 East 5th Street, North Vancouver, British Columbia, V7L 1L7, Canada, hereby state –that I am Vice President, Exploration with Yukon Zinc Corporation, with offices at Suite 701, 475 Howe Street, Vancouver, British Columbia, Canada, and that

2 I hold a B Sc (Honors Geology) from Carleton University, Ontario (1994) and a M Sc (Geology) from the Mineral Exploration Research Centre at Laurentian University, Ontario (1998)

3 I have 7 years experience with various research institutions and mining companies in Canada and the United States, not including my summer field season work during my undergraduate degree. My primary employment since 1994 has been in the field of mineral exploration.

2003-Present	Vice President	Yukon Zinc Corporation/Selwyn Resources Ltd **
2001-2003	Project Geologist	Anglo American Canada Exploration Ltd *
1999-2001	Project Geologist	Hudson Bay Exploration & Development Co Ltd *
1996-1999	Geologist	Pamicon Developments Ltd
1994-1996	Geologist	Teck Exploration Ltd /Laurentian University

* denotes same organization except for a change in formal business name

** denotes formerly Expatriate Resources Ltd

4 I am a Professional Geoscientist (0725) with the Association of Professional Geoscientists of Ontario in good standing I am a Professional Geologist (29312) with the Association of Professional Engineers and Geologists of British Columbia in good standing

5 I am also a Member in good standing with the Society of Economic Geologists (222555), as well as a Fellow of the Geological Association of Canada (F6819)

6 I hold a valid Manitoba Prospector License (4077) and Free Miner Certificate in British Columbia

7 I have specialized training in the areas of volcanology, ore deposit geology and hydrothermal alteration through academic training, numerous short-courses, and exploration project experience My experience has allowed me to become familiar with the evaluation of both regional and property geology, prospecting, geophysical surveys, geochemical analysis, diamond core drilling, and the various facets of the permitting process in Ontario, Manitoba, Saskatchewan, and British Columbia

8 This report is based upon data and direct observations collected from observations collected from 2006 during exploration drilling supervised by Mr G Dessureau, Project Geologist for Yukon Zinc Corporation, whose office was in Vancouver, British Columbia, Canada

DATED at Vancouver, B C , August 27, 2007

Respectfully submitted,

Jason King Dunning, M Sc , P Geo

Appendix II

Drill core logs

Wolverine Project: Hole Number: WV06-191

From To Rock type & Description

0.00 5.90 Overburden
Overburden -pebble to cobble size lt green basalt of the Campbell range. Occasional quartz fragment

5.90 13.40 Carbonaceous Argillite
Dk-grey to black, laminated, carbonaceous argillite Rare silica-rich laminations. Trace pyrite. « S1 Foliation 10 00-25.00°»

13.40 16.50 Lost Core
No recovery, poor recovery on either side. Foliation disrupted on either side. Could be fault zone.

16.50 21.40 Carbonaceous Argillite
Dk-grey to black, laminated, carbonaceous argillite. Rare silica-rich laminations. Trace pyrite. Weak in-situ brecciation between 18 5 and 19.5. « S1 Foliation 10.00-25.00°»

21.40 23.30 Siliceous Argillite
Medium to dark grey, laminated, weakly siliceous argillite. Thin (mm scale lamination of siliceous argillite with lamination of carbonaceous argillite. Rare silica rich 'clot' with evidence of rotation within the foliation. « S1 Foliation -45.00°0°»

23.30 24.50 Carbonaceous Argillite
Dk-grey to black, laminated, carbonaceous argillite. Rare silica-rich laminations. Trace pyrite. « S1 Foliation 10.00-25.00°»

24.50 31.00 Siliceous Argillite
Medium to dark grey, laminated weakly siliceous argillite. silica-rich lamination with wispy carbonaceous laminations. Trace pyrite. 27.1-28.1m brecciated and disrupted S1 foliation. « S1 Foliation 15.00-35 00°»

31.00 31.70 Graphitic Argillite
Dk grey to black, graphitic-carbonaceous mud. No laminations. Could be fault gouge

31.70 35.00 Quartz Vein
Several Quartz veins cutting carbonaceous argillite. Approx 10% argillite with brecciated and disrupted laminations. Silica altered. Trace carbonate, trace pyrite.

35.00 78.60 Carbonaceous Argillite
Dk grey to black, laminated, carbonaceous argillite. Locally sevaral silica-rich laminated interbedded with carbonaceous argillite. 50.0m 3cm qtvn. « S1 25.00-35.00°» 78.6m EOH.
WV06-191 was lost and WV06-191A was attempted from 28 7m down WV06-191 which was also lost at 31.8m. This set up was abandoned at this point.
WV06-191A was dk grey-balck, laminated, carbonaceous argillite. 78.6m EOH

78.60 78.60 EOH

Wolverine Project: Hole Number: WV06-192

From To Rock type & Description

0.00 6.10 Overburden
Overburden - Lt green basalt of the Campbell Range.
6.10 15.20 Lost Core
No Recovery

15.20 18.30 Carbonaceous Argillite
>10% recovery Quartz vein fragments with carbonaceous argillite.

18.30 21.40 Lost Core
No recovery

21.40 24.40 Carbonaceous Argillite
Med to dk grey, laminated, carbonaceous to weakly siliceous argillite. Trace pyrite. « S1 -20.00°0°»

24.40 25.90 Lost Core
No recovery.

25.90 33.50 Carbonaceous Argillite
Med to dk grey, laminated, carbonaceous argillite. Cut by quartz viens. Increasing siliceous alteration downhole towards several large quartz viens « S1 Foliation -35.00°0°»

33.50 36.25 Quartz Vein
Several large (5-100cm) quartz veins with minor silica altered argillite. Intense silica alteration on either side of the veins.

36.25 38.90 Carbonaceous Argillite
Med to dk grey, laminated carbonaceous argillite. Regular foliation with local undulations « S1 45.00°»

38.90 41.50 Carbonaceous Argillite
Med to lt grey, weakly silicified, brecciated argillite. Irregular foliation and cut by abundant small (mm scale) quartz veins.

41.50 53.10 Carbonaceous Argillite
Med to dk grey, laminated, carbonaceous argillite. Minor irregular patches with increases silica and pyrite. silica-rich zones are elongated parallel to foliation and folded and/or boudinaged. S« S1 Foliation 25.00°»

53.10 53.40 Quartz Vein

Med to lt grey, highly silicified argillite breccia with abundant silica veins. At least 80% quartz. Trace pyrite.

53.40 57.90 Fault Gouge
Dk grey to black carbonaceous fault gouge. Broken argillite fragments in an argillitic mud.

57.90 62.50 Carbonaceous Argillite
Med to dk grey. laminated, carbonaceous argillite. Occasional 1cm higher silica band with carbonaceous bands. Cut by trace, mm quartz veins. « S1 45.00°»

62.50 64.00 Lost Core
Lost Core

64.00 68.60 Fault Gouge
Poor recovery. Med to dk grey, carbonaceous argillitic fault gouge. Fragments of laminated argillite in argillitic mud, increasing down hole.

68.60 70.10 Lost Core
Lost Core.

70.10 73.40 Fault Gouge
Poor recovery. Med to dk grey, carbonaceous argillitic fault gouge. Fragments of laminated argillite in argillitic mud, increasing down hole.

73.40 79.30 Carbonaceous Argillite
Med to dk grey, laminated, carbonaceous argillite with thin (1cm) bands (or fragments) with higher silica and trace pyrite. 77.2-77.4m quartz vein and brecciated argillite. Poor recovery between 77.4 and 77.9m.

79.30 82.30 Lost Core
Lost Core.

82.30 87.00 Fault Gouge
Dk grey to black carbonaceous fault gouge with fragments of laminated argillite in a carbonaceous mud.

87.00 89.60 Siliceous Argillite
Med to lt grey intensely silicified, weakly laminated (locally brecciated) argillite. Cut by quartz veins.

89.60 89.90 Quartz Vein
Quartz Vein.

89.90 106.70 Carbonaceous Argillite
Dk grey to black carbonaceous argillite. Very massive with very little to no

quartz bansd or fragments. Increasing amounts silica-rich bands or fragments down hole with increasing weak sericite alteration between 105.7-106.7m.

106.70 114.10 Sericite Altered Argillite
Lt grey, moderately to intensly sericite altered laminated argillite. relatively homogeneous alteration through out the unit. No visible minerallization. Locally abundant quartz rich bands or fragments. « S1 41.00°»

114.10 114.40 Quartz Vein
Quartz vein. Sharp contacts parallel to foliation.

114.40 129.10 Sericite Altered Argillite
Lt grey, moderately to intensely sericite altered laminated argillite relatively homogeneous alteration through out the unit. No visible mineralization. Locally abundant quartz rich bands or fragments with wispy less altered argillite. « S1 41.00°»

129.10 133.70 Carbonaceous Argillite
Med to dk grey irregular lamination to brecciated argillite. Locally weakly silicified.

133.70 134.10 Fault Gouge
Med grey carbonaceous fault gauge with fragments of argillite in a carbonaceous mud.

134.10 137.50 Siliceous Argillite
Med to lt grey, moderately to intensely silica altered argillite. Trace pyrite. Irregular alteration with some thin (mm) wispy, less-altered argillite bands.

137.50 155.50 Carbonaceous Argillite
Med to dk grey, laminated to locally brecciated, carbonaceous argillite. Variable foliation, « S1 1.00-90 00°». Locally intensely folded and faulted. Locally weakly silica and/or sericite altered with trace pyrite.

155.50 160.10 Sericite Altered Argillite
Med grey, weakly sericite altered, laminated argillite. No visible mineralization. Locally cut by small quartz veins.

160.10 166.50 Carbonaceous Argillite
Med to dk grey, laminated to massive to brecciated, carbonaceous argillite. Locally abundant silica-rich bands and/or fragments. Trace pyrite. 162.7m-163.1m STGG.

166.50 171.00 Siliceous Argillite
\Med lt grey, moderately to intensely silica altered, laminated argillite. Increasing

silica alteration downhole with the most intense silica alteration at the end of hole. Increasing sericite alteration downhole from nil to weak sericite alteration. Minor relics of less altered argillite bands. « S1 45.00°» 171.1m EOH

171.00 171.00 EOH

Wolverine Project: Hole Number:WV06-193

From To Rock type & Description

0.00 8.60 Overburden
Overburden. Dominantly cobble to boulder size pieces of Campbell Range mafic volcanics and argillite.

8.60 11.90 Carbonaceous Argillite
Dk grey to black, laminated argillite with 5-10% quartz laminations or fragments. Variable foliation mostly « S1 1.00-10.00°» Abundant broken core.

11.90 19.50 Lost Core
Lost Core

19.50 46.70 Carbonaceous Argillite
Dk grey to black, laminated to brecciated to massive, argillite. Cut by minor to abundant (brecciated) quartz veins. Abundant broken core. « S1 10.00-45.00°»

46.70 47.00 Quartz Vein
Quartz vein. Almost pure milky white quartz, with trace small argillite fragments. No visible mineralization.

47.00 59.10 Carbonaceous Argillite
Dk grey to black, laminated and locally deformed carbonaceous to strongly carbonaceous argillite. Carbon content increasing down hole while silica alteration decreases away from quartz vein. « S1 10.00-40.00°»

59.10 82.80 Lost Core
Lost Core. 77.4m EOH.82.8

82.80 82.80 EOH

Wolverine Project: Hole Number: WV06-194
From To Rock type & Description
0.00 16.20 Overburden
Overburden. Dominantly cobble to boulder size pieces of Campbell Range mafic volcanics and argillite with one piece of quartz.

16.20 19.20 Carbonaceous Argillite
Dk grey to black, laminated, carbonaceous argillite. Trace amounts of thin (1-2mm) bands (or stretched fragments) with more silica. « S1 10.00-20.00°» Poor recovery.

19.20 22.90 Lost Core
Lost core. 22.9m EOH

22.90 22.90 EOH

Wolverine Project: Hole Number: WV06-195

From To Rock type & Description

0.00 13.10 Overburden
Overburden. Dominantly cobble to boulder size pieces of Campbell Range mafic volcanics and argillite.

13.10 13.20 Carbonaceous Argillite
Poor recovery. Small argillite fragments, could be bedrock. « S1 85.00°»

13.20 25.30 Lost Core
Lost core.

25.30 28.40 Fault Gouge
Poor recovery. Dk grey argillite fragments in a dk grey mud.

28.40 31.40 Quartz Feldspar Porphyry
lt greenish grey to lt beige, foliated, quartz feldspar porphyry. 2-5mm quartz crystals, with 5-10mm feldspar crystals. Feldspar xls are altered to sericite and locally chlorite and are elongated towards the margins (although the margins are interpreted since they are not observed due to poor recovery). Matrix is intensely sericite altered. « S1 50.00°»

31.40 31.50 Quartz Feldspar Porphyry
Med to dk grey, foliated, quartz, feldspar porphyry. Similar to previous with very little or no alteration. 10% 2-5mm, lt blue to lt grey, quartz crystals. 5% 5-10mm dk grey to black feldspar xls. « S1 50.00°»

31.50 40.50 Lost Core
Lost core.

40.50 49.80 Quartz Feldspar Porphyry
Med to dk grey, foliated, quartz, feldspar porphyry. Similar to previous with very little or no alteration. 10% 2-5mm, lt blue to lt grey, quartz crystals. 5% 5-10mm dk grey to black feldspar xls. Poor recovery. « S1 50.00°»

49.80 55.80 Quartz Feldspar Porphyry
lt greenish grey to lt beige, foliated, quartz feldspar porphyry. 2-5mm quartz crystals, with 5-10mm feldspar crystals. Feldspar xls are altered to sericite and locally chlorite Matrix is intensely sericite altered. « S1 50 00°»

55.80 58.80 Lost Core
Lost core.

58.80 59.00 Quartz Feldspar Porphyry
lt greenish grey to lt beige, foliated, quartz feldspar porphyry 2-5mm quartz crystals, with 5-10mm feldspar crystals. Feldspar xls are altered to sericite and locally chlorite. Matrix is intensely sericite altered. « S1 50.00°»

59.00 59.30 Quartz Vein
Quarts vein with minor pyrite mineralization associated with wispy bands of QFPH? within the quartz vein. Small (1-2cm) zone or fragment (or mixed up core) of country rock within the quartz vein. Margins are not preserved.

59.30 59.50 Quartz Feldspar Porphyry
Med to dk grey, foliated, quartz, feldspar porphyry. Similar to previous with very little or no alteration. 10% 2-5mm, lt blue to lt grey, quartz crystals. 5% 5-10mm dk grey to black feldspar xls. Poor recovery. « S1 50.00°»

59.50 80.20 Lost Core
Lost core.

80.20 83.10 Quartz Feldspar Porphyry
Med to dk grey, foliated, quartz, feldspar porphyry. Similar to previous with very little or no alteration. 10% 2-5mm, lt blue to lt grey, quartz crystals. 5% 5-10mm dk grey to black feldspar xls. Poor recovery. « S1 50.00°» Cut by 2cm quartz vein no mineralization. Poor recovery.

83.10 95.40 Rhyolitic Lapilli Tuff
Med to lt grey, crystal, lithic, lapilli tuff.
5-20% 0.5-1cm elongated milky white silica rich fragments.
5-20% 0.5-1cm elongated (flattened) dark (argillite?) fragments.
5-10% 0.2-0.5cm pale blue quartz crystals.
50% lt grey ash matrix
S1« S1 50 00°»

95.40 104.30 Lost Core
Lost core. 104.3m EOH.

104.30 104.30 EOH

Wolverine Project: Hole Number: WV06-199

From To Rock type & Description

0.00 22.00 Overburden
Overburden. Dominantly cobble to boulder size pieces of Campbell Range mafic volcanics and argillite.

22.00 27.80 Rhyolitic Lapilli Tuff
Med to lt grey, crystal, lithic, lapilli tuff.
5-20% 0.5-1cm elongated milky white silica rich fragments.
5-20% 0.5-1cm elongated (flattened) dark (argillite?) fragments.
5-10% 0 1-0.5cm pale blue quartz crystals.
50% lt grey ash matrix.
Broken core with pieces of overburden included.

27.80 28.00 Quartz Vein
Quartz vein. Almost pure quartz with no visible mineralization.

28.00 29.90 Rhyolitic Lapilli Tuff
Med to lt grey, crystal, lithic, lapilli tuff.
5-20% 0.5-1cm elongated milky white silica rich fragments.
5-20% 0.5-1cm elongated (flattened) dark (argillite?) fragments.
5-10% 0.1-0.5cm pale blue quartz crystals.
50% lt grey ash matrix.

« S1 35.00°»

29.90 31.10 Massive Argillite
Dk grey massive, carbonaceous argillite. weakly laminated, and cut by small (1mm) quartz vein. « S1 45.00°»

31.10 42.30 Rhyolitic Lapilli Tuff
Med to lt grey, crystal, lithic, lapilli tuff.
5-20% 0.5-1cm elongated milky white silica rich fragments.
5-20% 0.5-1cm elongated (flattened) dark (argillite?) fragments.
5-10% 0.1-0.5cm pale blue quartz crystals.
50% lt grey ash matrix
« S1 45.00°»

42.30 42.60 Quartz Vein
Quartz Vein. Almost pure quartz vein with no visible mineralization.

42.60 61.60 Rhyolitic Lapilli Tuff
Med to lt grey, crystal, lithic, lapilli tuff.
5-20% 0.5-1cm elongated milky white silica rich fragments.
5-20% 0.5-1cm elongated (flattened) dark (argillite?) fragments
5-10% 0.1-0.5cm pale blue quartz crystals.
50% lt grey ash matrix
Very homogeneous over entire width.
« S1 45.00°»

61.60 70.70 Fault Gouge

Dk grey to black argillitic fault gouge. Fragments of carbonaceous argillite and quartz within a carbonaceous argillite mud. small zones with brecciated argillite and distorted laminations within the argillite. Cut by several cm scale quartz veins.

70.70 76.80 Carbonaceous Argillite
Med to dk grey, carbonaceous brecciated and laminated argillite. Minor horizons with higher silica. Fractured and brecciated near upper contact with fault zone and more laminated down hole « S1 20.00-40.00°»

76.80 80.40 Lost Core
Lost core. 80.4m EOH.

80.40 80.40 EOH

Wolverine Project: Hole Number: WV06-197

From To Rock type & Description

0.00 11.50 Overburden
Overburden. Dominantly cobble to boulder size pieces of Campbell Range mafic volcanics and argillite.

11.50 21.30 Fault Gouge
Med to lt grey, fault gouge. fragments of med grey lapilli tuff?, med grey argillite, and milky white quartz in a grey mud.
21.3m EOH

21.30 21.30 EOH

Wolverine Project: Hole Number: WV06-198

From To Rock type & Description

0.00 7.60 Overburden
Overburden. Dominantly cobble to boulder size pieces of Campbell Range mafic volcanics and argillite.

7.60 8.50Rhyolitic Lapilli Tuff
Med to lt grey, crystal, lithic, lapilli tuff
5-20% 0.5-1cm elongated milky white silica rich fragments.
5-20% 0 5-1cm elongated (flattened) dark (argillite?) fragments.
5-10% 0.1-0.5cm pale blue quartz crystals
50% lt grey ash matrix
« S1 35.00°»

8.50 8.60Quartz Vein
Quartz vein. Almost pure quartz, no visible mineralization
8.60 21.30 Rhyolitic Lapilli Tuff
Med to lt grey, crystal, lithic, lapilli tuff.
5-20% 0.5-1cm elongated milky white silica rich fragments.
5-20% 0.5-1cm elongated (flattened) dark (argillite?) fragments.
5-10% 0.1-0.5cm pale blue quartz crystals.
50% lt grey ash matrix.
« S1 35.00°»
16.7m-17.7m minor fault gouge and broken core.
21.3m EOH.

21.30 21.30 EOH

Wolverine Project: Hole Number: WV06-196

From To Rock type & Description

0.00 13.70 Overburden
Overburden. Dominantly cobble to boulder size pieces of Campbell Range mafic volcanics and argillite.

13.70 19.80 Rhyolitic Lapilli Tuff
Med to lt grey, crystal, lithic, lapilli tuff.
5-20% 0.5-1cm elongated milky white silica rich fragments.
5-20% 0.5-1cm elongated (flattened) dark (argillite?) fragments.
5-10% 0.2-0.5cm pale blue quartz crystals.
50% lt grey ash matrix.
« S1 -45.00°0°»
19.8m EOH

19.80 19.80 EOH

Wolverine Project: Hole Number: WV06-200

From To Rock type & Description

0.00 16.80 Overburden
Overburden. two pieces of Campbell range recovered

16.80 19.60 Fault Gouge
Sand. Fine to very fine well sorted sand.

19.60 21.30 Rhyolitic Lapilli Tuff
Several small pieces of crystal, lithic, lapilli tuff.
« S1 45.00°»
21.3m EOH

21.30 21.30 EOH

Wolverine Project: Hole Number: WV06-201

From To Rock type & Description

0.00 18.90 Overburden
Overburden. Several pieces of mafic volcanics and argillites of the Campbell Range.

18.90 28.00 Lost Core
Lost core.

28.00 33.60 Quartz Feldspar Porphyry
Lt grey to biege, foliated, quartz, feldspar porphyry. 5-10mm lt blue to grey subhedral quartz crystals, with 10-20mm white to dk grey, to green to pink feldspar crystals suggesting various stages of alteration in a lt grey to lt beige matrix of sericite and silica. Interesting partially pink feldspars possibly Mn alteration (pyrolusite?) Minor 1-4mm wispy pyrite stingers with trace sphalerite. S« S1 50.00°»

33.60 35.80 Quartz Feldspar Porphyry
Med grey, foliated, quartz, feldspar, pyroxene (amphibole?), porphyry. 1-5mm lt blue to grey quartz crystals, with 5-15mm white patchy altered feldspar crystals and 5-15mm black euhedral to subhedral pyroxene (amphibole?) crystals. Difficult to identify, but clevage and shape suggest pyroxene (possibly amphibole). Gradational upper contact with a decrease in feldspar content and an increase in pyroxene (amphibole) content down hole from 33.6m. There is a decrease in the intensity of alteration associated with the appearance of pyroxene (amphibole) xls and core appears darker in color. « S1 45.00°» Relatively sharp faulted lower contact.

35.80 38.00 Quartz Feldspar Porphyry
Lt grey to biege, foliated, quartz, feldspar porphyry. 5-10mm lt blue to grey subhedral quartz crystals, with 10-20mm white to green to pink feldspar crystals suggesting various stages of alteration in a lt grey to lt biege matrix of sericite and silica. Small zone (10cm) with 10-20cm possible pyroxene (amphibole?) crystals heavily altered. Faulted upper contact. Gradational lower contact.

38.00 41.00 Quartz Feldspar Porphyry
Lt grey to beige, foliated, quartz, feldspar porphyry (crystal tuff?). 1-5mm lt blue to lt grey quartz crystals, with 1-5mm white feldspar crystals. No pyroxene xls. and finer grained compared to the previous units. Intensely sericite altered matrix. « S1 50.00°»

41.00 52.20 Quartz Feldspar Porphyry
Lt grey to beige, foliated, quartz, feldspar, pyroxene porphyry. Med grey, foliated, quartz, feldspar, pyroxene (amphibole?), porphyry. 1-5mm lt blue to grey quartz crystals, with 5-15mm white patchy altered feldspar crystals and 5-15mm black euhedral to subhedral pyroxene (amphibole?) crystals. Variable alteration from med to intensely sericite alteration. Trace wispy pyrite stringers with trace sphalerite. 45.8m-44.5m Fault Gouge fault gouge and broken core.

52.20 52.40 Quartz Vein
Quartz Vein. minor pyrite and trace sphalerite along the contact and within the Quartz Feldspar Porphyry country rock.

52.40 61.60 Quartz Feldspar Porphyry
Med grey, foliated, quartz, feldspar, pyroxene (amphibole?), porphyry. 1-5mm lt blue to grey quartz crystals, with 5-15mm white patchy altered feldspar crystals and 5-15mm black euhedral to subhedral pyroxene (amphibole?) crystals
Decreasing pyroxene content down hole and no pyroxene below 61.0m. The pyroxene
crystals decrease in size as well before they disappear.
Minor wispy pyrite stringers with trace sphalerite.
« S1 45.00°»

Sharp lower contact

61.60 70.70 Rhyolitic Lapilli Tuff
Med to lt grey, foliated, crystal, lithic, lapilli tuff.
5-20% 0 5-1cm elongated milky white silica rich fragments
5-20% 0.5-1cm elongated (flattened) dark (argillite?) fragments.
5-10% 0.1-0.5cm pale blue quartz crystals
50% lt grey ash matrix.
Broken core with poor recovery.
« S1 50.00°»

70.70 73.80 Lost Core
Lost core.

73.80 76.80 Fault Gouge
Dk grey to black, carbonaceous fault gouge. fragments of weakly carbonaceous argillite and Rhyolitic Lapilli Tuff as above.

76.80 80.20 Rhyolitic Lapilli Tuff
Med to lt grey, foliated, crystal, lithic, lapilli tuff.
5-20% 0.5-1cm elongated milky white silica rich fragments.
5-20% 0.5-1cm elongated (flattened) dark (argillite?) fragments.

5-10% 0.1-0.5cm pale blue quartz crystals.
50% lt grey ash matrix.
« S1 45.00°»

80.20 80.50 Carbonaceous Argillite
Dk grey, laminated to massive, carbonaceous argillite

80.50 92.10 Rhyolitic Lapilli Tuff
Med to lt grey, foliated, crystal, lithic, lapilli tuff
5-20% 0 5-1cm elongated milky white silica rich fragments.
5-20% 0 5-1cm elongated (flattened) dark (argillite?) fragments
5-10% 0 1-0 5cm pale blue quartz crystals.
50% lt grey ash matrix.
« S1 45 00°»

92.10 94.00 Fault Gouge
Lt grey fault gouge. Pieces of a Rhyolitic Lapilli Tuff in a lt grey mud.
94.00 104.40 Rhyolitic Lapilli Tuff
Med to lt grey, foliated, crystal, lithic, lapilli tuff.
5-20% 0.5-1cm elongated milky white silica rich fragments.
5-20% 0.5-1cm elongated (flattened) dark (argillite?) fragments.
5-10% 0.1-0.5cm pale blue quartz crystals.
50% lt grey ash matrix.
« S1 50.00°»

104.40 104.60 Fault Gouge
Lt grey fault gouge. Peices of a Rhyolitic Lapilli Tuff in a lt grey mud.
104.60 123.80 Rhyolitic Lapilli Tuff
Med to lt grey, foliated, crystal, lithic, lapilli tuff.
5-20% 0.5-1cm elongated milky white silica rich fragments.
5-20% 0.5-1cm elongated (flattened) dark (argillite?) fragments.
5-10% 0.1-0.5cm pale blue quartz crystals.
50% lt grey ash matrix.
« S1 50.00°»

123.80 128.70 Quartz Calcite Vein
Quartz-calcite vein. Vuggy textures with milky white quartz and calcite.
128.70 134.60 Carbonaceous Argillite
Dk grey to black, laminated, carbonaceous argillite. Trace disseminated euhedral pyrite.
« S1 20.00-45.00°»

134.60 134.80 Quartz Vein
Quartz vein with wispy argillite.

134.80 135.90 Carbonaceous Argillite

Dk grey to black, laminated argillite.

135.90 136.00 Quartz Vein

Quartz vein with wispy argillite.

136.00 140.50 Carbonaceous Argillite

Dk grey to black massive to weakly laminated argillite. Very pure with fery few silica rich fragments or laminations. 1-10% pyrite associated with silica rich bands or fragments.

140.50 140.80 Quartz Vein

Quartz vein with wispy argillite.

140.80 143.90 Carbonaceous Argillite

Dk grey to black, laminated carbonaceous argillite. Trace pyrite associated with silica rich bands or fragments. 4cm quartz vein with 15% pyrite. 143.9m EOH.

143.90 143.90 EOH

Appendix III

ALS Chemex Data

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 11-SEP-2006
Account: MPO

CERTIFICATE VA06079251

Project: 1614

P.O. No.:

This report is for 16 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 17-AUG-2006.

The following have access to data associated with this certificate:

JASON DUNNING		

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
TOT-ICP06	Total Calculation for ICP06	ICP-AES

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

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

Signature:
Keith Rogers, Executive Manager Vancouver Laboratory

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Project: 1614

CERTIFICATE OF ANALYSIS VA06079251

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	OA-GRA05 LOI % 0.01
B001435		0.54	73.0	13.20	1.16	2.58	0.20	0.12	3.80	<0.01	0.28	0.07	0.13	0.01	0.16	4.04
B001436		0.54	75.2	13.85	1.37	1.39	0.15	0.12	4.04	<0.01	0.28	0.03	0.13	0.01	0.16	2.57
B001437		0.74	76.0	13.25	1.40	0.65	0.12	0.14	4.72	<0.01	0.28	0.02	0.18	0.01	0.18	2.60
B001438		0.50	74.5	13.55	1.47	0.42	0.12	0.17	5.51	<0.01	0.29	0.01	0.16	0.01	0.21	2.55
B001439		0.42	70.2	13.05	2.73	2.91	1.01	0.11	4.86	<0.01	0.30	0.05	0.15	0.01	0.19	4.38
B001440		0.46	71.9	12.40	2.13	1.86	0.67	0.33	4.47	<0.01	0.29	0.02	0.09	0.01	0.19	3.74
B001441		0.48	73.4	12.70	2.18	2.68	0.23	0.11	3.72	<0.01	0.27	0.06	0.17	0.03	0.16	4.36
B001442		0.44	73.3	13.50	1.77	1.15	0.16	0.19	5.95	<0.01	0.28	0.02	0.17	0.02	0.22	2.72
B001443		0.70	75.4	13.20	1.39	0.27	0.09	0.20	6.37	<0.01	0.27	0.01	0.14	0.01	0.21	2.13
B001444		0.58	73.8	13.20	1.07	1.94	0.21	0.12	4.68	<0.01	0.28	0.03	0.13	0.02	0.13	2.80
B001445		0.58	76.7	13.15	1.48	0.20	0.18	0.10	4.14	<0.01	0.27	0.01	0.16	<0.01	0.08	2.30
B001446		0.48	60.4	10.80	15.15	0.16	0.12	0.12	4.01	<0.01	0.23	0.01	0.09	<0.01	0.12	8.99
B001447		0.56	77.9	13.20	1.61	0.19	0.15	0.12	4.19	<0.01	0.28	0.01	0.12	<0.01	0.13	1.87
B001448		0.40	69.0	14.00	3.14	2.76	0.90	0.18	4.58	<0.01	0.34	0.04	0.13	0.01	0.21	4.78
B001449		0.40	67.0	16.40	2.71	2.50	0.72	0.11	5.70	<0.01	0.39	0.02	0.13	0.01	0.21	4.56
B001450		0.36	72.3	12.40	2.22	1.78	0.48	0.17	4.14	<0.01	0.41	0.02	0.22	0.01	0.43	3.38

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 11-SEP-2006
Account: MPO

Project: 1614

CERTIFICATE OF ANALYSIS VA06079251

Sample Description	Method Analyte Units LOR	TOT-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 0.01	ME-MS81 Cu ppm 5	ME-MS81 Dy ppm 0 05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0 03	ME-MS81 Ga ppm 0 1	ME-MS81 Gd ppm 0 05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01
B001435		98.8	<1	1320	84.1	3.0	10	2 85	<5	6.63	3.78	1.42	20.2	6.98	5.3	1.31
B001436		99.3	<1	1280	84.6	4.1	10	2.31	<5	6.42	3 67	1.35	20 1	6.87	5.5	1.26
B001437		99.6	<1	1495	86.1	2.6	20	2.40	<5	6 81	3.94	1.42	19.4	6.91	5 5	1.34
B001438		99.0	<1	1715	89 9	2 1	10	2.58	<5	6 91	4.08	1.57	20.2	6 99	5.9	1.40
B001439		100.0	<1	1655	82.1	2.7	10	4.84	6	6.68	3.84	0.79	18.5	7.13	4.7	1.34
B001440		98.1	<1	1555	70.9	3.1	20	3.82	6	5 15	2.72	0.76	17.1	5.48	5.1	0.97
B001441		100.0	<1	1310	81.3	2.7	20	2.09	<5	6.38	3.88	1.31	18.0	6.78	5.4	1.25
B001442		99.5	<1	1885	85.9	2.6	20	2.93	5	5 99	3.50	1.31	19.8	6.62	5.3	1.22
B001443		99.7	<1	1730	86.6	2.5	20	2.50	<5	6.08	3 49	1.84	18.4	6.86	5 4	1.19
B001444		98.4	<1	1110	86.3	2.4	10	2.84	<5	5.73	3.30	1.11	19.6	6.36	6.2	1.11
B001445		98.8	<1	670	83.7	2.6	10	2.40	6	5.85	3.49	1.49	19.6	6.56	5.7	1.20
B001446		100 0	2	1010	74.9	4.0	20	1 83	12	5.08	2.98	1.76	17.6	5.64	5.4	1.00
B001447		99.8	<1	1135	84.1	3.1	20	2.00	5	6.76	3.89	2 43	19.1	6.95	5.6	1.33
B001448		100.0	<1	1770	74.3	3 4	20	4.58	7	4.74	2.82	0.77	20.0	5.29	6.7	0.95
B001449		100.5	<1	1705	88.3	3.2	20	4.57	7	6.65	3.57	0 93	22.8	7.08	6.4	1.27
B001450		98.0	<1	3540	92.8	3.6	20	2.46	9	4.49	2.27	1.73	16.3	7.43	4.2	0.81

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VANCOUVER BC V6C 2B3

Finalized Date: 11-SEP-2006
Account: MPO

Project: 1614

CERTIFICATE OF ANALYSIS VA06079251

Sample Description	Method Analyte Units LOR	ME-MS81 La ppm 0.5	ME-MS81 Lu ppm 0.01	ME-MS81 Mo ppm 2	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Ni ppm 5	ME-MS81 Pb ppm 5	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05
B001435		41.7	0.44	2	14.4	35.2	10	21	9.74	104.5	7.05	6	96.1	1.4	1.12	16.80
B001436		42.0	0.44	<2	13.2	34.8	8	21	9.66	97.0	6.93	4	64.0	1.6	1.11	16.80
B001437		43.7	0.46	2	13.0	35.7	8	33	9.81	109.0	7.04	4	82.2	1.5	1.13	16.45
B001438		44.8	0.47	2	14.4	37.5	7	12	10.30	124.0	7.56	5	88.8	1.7	1.17	17.10
B001439		39.6	0.43	<2	13.9	30.8	5	23	8.66	185.5	7.15	6	61.2	1.3	1.14	18.35
B001440		35.2	0.31	<2	14.2	28.7	9	14	8.05	158.0	5.67	5	58.5	1.3	0.87	16.55
B001441		40.6	0.50	2	16.6	34.2	10	19	9.26	90.9	6.71	5	231	1.5	1.10	15.60
B001442		42.8	0.42	2	17.9	35.4	7	27	9.87	133.0	7.04	4	166.5	1.6	1.06	15.85
B001443		43.6	0.42	2	17.5	35.6	7	38	10.00	128.5	7.04	4	66.6	1.5	1.04	16.90
B001444		42.3	0.38	2	17.5	35.0	7	19	9.78	126.5	7.00	5	166.5	1.5	1.00	16.35
B001445		41.3	0.42	2	15.7	34.3	7	16	9.64	116.0	6.71	5	30.9	1.4	1.01	15.60
B001446		36.9	0.36	3	13.4	30.2	30	151	8.46	92.9	5.85	5	30.0	1.1	0.87	13.25
B001447		42.0	0.46	2	16.4	35.2	11	12	9.70	101.5	7.22	6	24.5	1.5	1.12	16.30
B001448		35.6	0.34	2	17.8	30.3	10	17	8.59	169.0	5.73	5	59.4	1.6	0.84	18.60
B001449		42.5	0.37	2	17.2	36.0	11	18	10.05	190.0	7.29	7	69.8	1.7	1.10	22.5
B001450		45.9	0.29	2	12.1	36.1	10	17	10.00	120.5	7.69	1	106.0	0.7	0.89	16.70

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701-475 HOWE ST
VANCOUVER BC V6C 2B3

Finalized Date: 11-SEP-2006
Account: MPO

Project: 1614

CERTIFICATE OF ANALYSIS VA06079251

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2
B001435		<0.5	0.52	4.08	23	5	35.4	3.36	118	196
B001436		<0.5	0.53	8.70	23	5	34.5	3.14	46	201
B001437		<0.5	0.55	8.18	25	7	36.3	3.41	69	200
B001438		0.5	0.56	4.34	23	4	37.5	3.41	39	213
B001439		0.7	0.52	5.65	38	4	34.7	3.07	57	173
B001440		0.5	0.37	5.33	37	7	26.3	2.29	41	170
B001441		<0.5	0.54	8.75	23	4	35.4	3.40	39	186
B001442		<0.5	0.47	6.21	23	4	32.4	2.89	20	188
B001443		0.5	0.49	4.77	22	6	32.5	3.12	25	189
B001444		<0.5	0.45	9.15	22	5	29.5	2.86	20	222
B001445		<0.5	0.46	4.29	22	6	32.7	3.04	41	200
B001446		0.7	0.43	3.18	23	6	27.8	2.53	2380	192
B001447		0.5	0.54	3.87	21	7	35.4	3.43	173	197
B001448		0.6	0.38	9.93	43	14	27.9	2.54	53	237
B001449		0.8	0.46	15.40	51	6	33.6	2.69	65	203
B001450		0.5	0.28	2.66	65	3	19.6	1.59	62	173

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Account: MPO

QC CERTIFICATE VA06079251

Project: 1614
P.O. No.:
This report is for 16 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 17-AUG-2006.
The following have access to data associated with this certificate:
JASON DUNNING

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
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TOT-ICP06	Total Calculation for ICP06	ICP-AES

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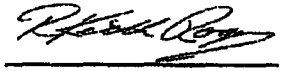
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Keith Rogers, Executive Manager Vancouver Laboratory

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QC CERTIFICATE OF ANALYSIS VA06079251

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	OA-GRA05	TOT-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																
G2000															4.49	
G2000															4.60	
Target Range - Lower Bound															4.08	
Target Range - Upper Bound															5.00	
OREAS-45P		43.5	12.75	25.7	0.41	0.35	0.13	0.42	0.16	1.89	0.17	0.15	<0.01	0.03		
OREAS-45P		43.4	12.70	27.0	0.47	0.36	0.11	0.41	0.16	1.91	0.16	0.16	<0.01	0.03		
Target Range - Lower Bound																
Target Range - Upper Bound																
RTS-3																
Target Range - Lower Bound																
Target Range - Upper Bound																
SY-4		49.8	20.5	6.22	8.01	0.51	7.17	1.64	<0.01	0.29	0.11	0.13	0.14	0.04		
SY-4		50.1	20.9	6.30	8.01	0.51	7.42	1.66	<0.01	0.29	0.11	0.12	0.14	0.04		
Target Range - Lower Bound		47.4	19.85	5.86	7.84	0.50	6.74	1.57	<0.01	0.26	0.09	0.11	0.12	0.03		
Target Range - Upper Bound		52.4	21.7	6.53	8.36	0.56	7.47	1.75	0.02	0.31	0.12	0.15	0.16	0.05		
BLANKS																
BLANK															0.00	
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		
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		
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	
Target Range - 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		24.2	5.48	15.65	4.03	0.99	0.23	1.42	<0.01	0.18	1.09	0.60	0.01	0.05		
DUP		23.9	5.47	17.55	4.01	0.97	0.22	1.38	0.01	0.19	1.10	0.55	0.01	0.05		
Target Range - Lower Bound		23.4	5.32	16.15	3.90	0.94	0.20	1.35	<0.01	0.16	1.05	0.54	<0.01	0.03		
Target Range - Upper Bound		24.7	5.63	17.05	4.14	1.02	0.25	1.46	0.02	0.21	1.14	0.61	0.02	0.07		

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Account: MPO

Project: 1614

QC CERTIFICATE OF ANALYSIS VA06079251

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	0.01	5	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.5
STANDARDS																
G2000																
G2000																
Target Range - Lower Bound																
Target Range - Upper Bound																
OREAS-45P		<1	280	51.3	115.5	1090	1.99	700	4.06	2.23	1.24	22.0	4.42	7.8	0.75	26.6
OREAS-45P		<1	278	49.6	110.0	1040	1.98	703	4.19	2.30	1.20	21.4	4.21	6.2	0.79	24.6
Target Range - Lower Bound		2	262	43.5	107.5	1020	1.66	669	3.84	1.95	1.05	20.2	3.85	6.5	0.69	21.8
Target Range - Upper Bound		2	310	54.3	132.5	1260	2.05	829	4.56	2.45	1.35	24.9	4.45	8.3	0.87	27.5
RTS-3		7	88.1	31.3	240	40	1.39	2370	3.65	2.16	0.91	44.3	3.65	1.3	0.74	13.0
Target Range - Lower Bound																
Target Range - Upper Bound																
SY-4		<1	332	123.5	2.4	10	1.53	5	19.20	14.95	2.23	35.2	14.45	11.7	4.60	59.3
SY-4		<1	351	129.5	2.5	10	1.38	5	19.80	15.80	2.22	38.4	15.80	12.2	4.71	61.3
Target Range - Lower Bound		2	306	109.5	2.0	<10	1.34	<5	16.35	12.75	1.77	31.4	12.55	9.3	3.86	51.7
Target Range - Upper Bound		2	376	134.5	3.6	20	1.66	10	20.1	15.65	2.23	38.6	15.45	11.91	4.74	64.3
BLANKS																
BLANK																
BLANK		<1	1.2	<0.5	<0.5	<10	<0.01	<5	<0.05	<0.03	<0.03	0.1	<0.05	<0.2	0.01	<0.5
BLANK		<1	1.2	1.4	<0.5	10	0.02	<5	0.05	<0.03	<0.03	0.2	<0.05	<0.2	0.01	0.6
Target Range - Lower Bound		<2	<0.5	<0.5	<0.5	<10	<0.01	<5	<0.05	<0.03	<0.03	<0.1	<0.05	<0.2	<0.01	<0.5
Target Range - Upper Bound		2	1.0	1.0	1.01	20	0.02	10	0.10	0.06	0.06	0.2	0.10	0.4	0.02	1.0
DUPLICATES																
ORIGINAL		<1	431	46.3	3.1	30	5.13	13	3.79	2.35	0.80	6.8	4.02	1.4	0.76	23.4
DUP		<1	417	44.8	3.0	50	4.95	14	3.37	2.19	0.83	7.0	3.81	1.6	0.77	22.3
Target Range - Lower Bound		<2	402	42.9	2.97	20	4.77	<5	3.30	2.10	0.74	6.4	3.62	1.0	0.74	20.7
Target Range - Upper Bound		2	446	58.5	4.2	60	5.31	24	3.96	2.44	0.92	7.4	4.21	2.0	0.82	25.9

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Finalized Date: 11-SEP-2006
Account: MPO

Project: 1614

QC CERTIFICATE OF ANALYSIS VA06079251

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Mo ppm 2	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Ni ppm 5	ME-MS81 Pb ppm 5	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Ti ppm 0.5
STANDARDS																
G2000																
G2000																
Target Range - Lower Bound																
Target Range - Upper Bound																
OREAS-45P		0.28	7	22.4	22.3	354	23	5.86	22.7	4.59	4	32.2	1.5	0.69	9.91	<0.5
OREAS-45P		0.32	2	21.7	18.7	349	25	5.00	23.0	4.67	3	31.9	1.4	0.70	10.25	<0.5
Target Range - Lower Bound		0.27	<2	21.4	18.9	342	15	4.83	20.5	4.03	2	29.2	1.3	0.61	8.77	<0.5
Target Range - Upper Bound		0.35	5	26.6	23.2	429	29	5.97	25.5	4.99	5	36.0	1.9	0.77	10.85	1.0
RTS-3		0.29	2	4.0	15.5	62	124	3.63	9.9	4.72	263	42.6	0.2	0.70	1.39	2.5
Target Range - Lower Bound																
Target Range - Upper Bound																
SY-4		2.28	<2	14.0	58.7	8	12	15.15	51.3	12.90	7	1125	1.0	2.81	1.24	<0.5
SY-4		2.39	<2	14.0	57.1	6	11	14.80	54.6	14.35	8	1200	0.8	2.91	1.14	<0.5
Target Range - Lower Bound		1.88	<2	11.5	51.2	<5	<5	13.35	49.3	11.40	6	1070	0.7	2.33	1.21	<0.5
Target Range - Upper Bound		2.52	4	14.5	62.6	10	16	16.55	60.7	14.00	10	1310	1.1	2.87	1.69	1.0
BLANKS																
BLANK																
BLANK		<0.01	<2	<0.2	<0.1	<5	<5	<0.03	<0.2	<0.03	<1	<0.1	<0.1	<0.01	<0.05	<0.5
BLANK		0.01	<2	<0.2	0.3	<5	<5	0.06	<0.2	0.09	1	0.1	<0.1	0.01	<0.05	<0.5
Target Range - Lower Bound		<0.01	<2	<0.2	<0.1	<5	<5	<0.03	<0.2	<0.03	<1	<0.1	<0.1	<0.01	<0.05	<0.5
Target Range - Upper Bound		0.02	4	0.4	0.2	10	10	0.06	0.4	0.06	2	0.2	0.2	0.02	0.10	1.0
DUPLICATES																
ORIGINAL		0.32	<2	4.3	18.2	<5	13	4.66	55.1	4.30	1	88.7	0.3	0.62	4.92	<0.5
DUP		0.34	6	4.0	17.7	13	12	4.50	54.5	4.00	1	87.0	0.3	0.58	4.72	<0.5
Target Range - Lower Bound		0.29	<2	3.5	16.8	<5	<5	4.28	51.7	3.86	<1	83.3	0.3	0.55	4.48	<0.5
Target Range - Upper Bound		0.37	8	4.8	19.0	10	23	4.87	57.9	4.42	2	92.4	0.5	0.65	5.16	1.0

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QC CERTIFICATE OF ANALYSIS VA06079251

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2
STANDARDS									
G2000									
G2000									
Target Range - Lower Bound									
Target Range - Upper Bound									
OREAS-45P		0.28	2.28	261	6	19.5	2.20	144	300
OREAS-45P		0.34	2.41	246	6	17.1	2.04	221	263
Target Range - Lower Bound		0.28	2.11	220	4	15.7	1.86	122	246
Target Range - Upper Bound		0.36	2.69	280	7	20.3	2.34	160	309
RTS-3		0.32	0.36	102	10	17.5	1.76	1810	82
Target Range - Lower Bound									
Target Range - Upper Bound									
SY-4		2.48	1.21	9	3	115.5	15.10	83	574
SY-4		2.52	0.79	7	1	120.5	16.10	106	597
Target Range - Lower Bound		2.08	0.87	<5	<1	106.5	13.30	78	481
Target Range - Upper Bound		2.52	0.93	10	2	131.5	16.90	107	593
BLANKS									
BLANK									
BLANK		<0.01	<0.05	<5	2	<0.5	<0.03	<5	<2
BLANK		0.01	<0.05	<5	1	<0.5	<0.03	<5	<2
Target Range - Lower Bound		<0.01	<0.05	<5	<1	<0.5	<0.03	<5	<2
Target Range - Upper Bound		0.02	0.10	30	2	1.0	0.06	50	4
DUPLICATES									
ORIGINAL		0.34	1.74	25	7	23.0	2.09	39	88
DUP		0.29	1.73	30	5	23.2	2.01	37	87
Target Range - Lower Bound		0.28	1.56	16	4	20.9	1.89	28	79
Target Range - Upper Bound		0.35	1.92	39	9	25.1	2.21	50	96

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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	OA-GRA05 LOI % 0.01	TOT-ICP06 Total % 0.01
DUPLICATES																
B001444 DUP															2.80	
															2.95	
Target Range - Lower Bound															2.71	
Target Range - Upper Bound															3.04	
ORIGINAL		76.4	10.75	2.96	2.69	1.07	3.09	1.17	0.01	0.40	0.05	0.12	0.04	0.08		100.5
DUP		75.6	10.80	2.93	2.68	1.07	3.15	1.20	<0.01	0.40	0.05	0.12	0.04	0.08		99.7
Target Range - Lower Bound		74.1	10.56	2.86	2.60	1.02	3.02	1.14	<0.01	0.37	0.03	0.10	0.02	0.06		97.6
Target Range - Upper Bound		77.9	11.05	3.04	2.77	1.12	3.22	1.23	0.02	0.43	0.07	0.14	0.06	0.10		102.0

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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 0.01	ME-MS81 Cu ppm 5	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5
DUPLICATES																
B001444 DUP																
Target Range - Lower Bound																
Target Range - Upper Bound																
ORIGINAL		<1	667	23.4	6.8	60	0.49	17	2.56	1.61	0.63	10.8	2.47	3.6	0.53	10.7
DUP		<1	686	23.8	7.0	40	1.21	18	2.75	1.67	0.70	11.3	2.62	4.0	0.53	11.0
Target Range - Lower Bound		<1	642	21.4	5.6	30	0.70	7	2.42	1.50	0.57	10.3	2.32	3.2	0.46	9.3
Target Range - Upper Bound		2	711	25.8	8.2	70	0.91	28	2.89	1.78	0.76	11.8	2.77	4.4	0.58	12.4

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Sample Description	Method / Analyte / Units / LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Mo ppm 2	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Ni ppm 5	ME-MS81 Pb ppm 5	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5
DUPLICATES																
B001444 DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		0.23	2	2.3	11.5	16	8	2.78	19.1	2.57	1	332	0.2	0.40	2.61	<0.5
DUP		0.26	<2	2.6	12.0	15	9	2.84	20.5	2.70	1	348	0.2	0.43	2.39	<0.5
Target Range - Lower Bound		0.21	<2	2.0	11.0	<5	<5	2.61	18.3	2.44	<1	323	<0.1	0.37	2.28	<0.5
Upper Bound		0.28	4	3.0	12.5	26	10	3.01	21.2	2.83	2	357	0.4	0.46	2.73	1.0

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		DUPLICATES							
B001444 DUP									
Target Range - Lower Bound									
Target Range - Upper Bound									
ORIGINAL		0.22	0.91	62	3	14.9	1.51	34	129
DUP		0.24	0.91	65	3	15.5	1.69	42	149
Target Range - Lower Bound		0.20	0.78	50	<1	13.4	1.46	26	128
Target Range - Upper Bound		0.26	1.06	77	5	17.0	1.74	50	150