Assessment Report

NI 43-101-Compliant Report on the 2006 Exploration Program on the White River Nickel Project Xstrata plc (Falconbridge Ltd)

Owners: Xstrata plc/ StrataGold Corp

Beaver Creek area, Yukon Territory
Whitehorse Mining District

July 9 – August 24, 2006

ANT 1–330, 332, 334, 336 Claims (115K/02)
YC40380 – YC40709, YC40711, YC40713, YC40714
HAND 1-27 Claims, WENG 5-10, RIVER 3-8, WR 67-69, 89 - 94 Claims (Pole block) (115F/15, 16)
YC40715 – 40741 (Hand), YA96734 – 96739 (Weng), YB38255 – 38260 (River), YB96934 – 96936 (WR 67 – 69), YB96954 – 96959 (WR 89 – 94)
PIC 1 - 156 Claims, KLUX 13 - 16 Claims (115F/16)
YC40742 –40825 (PIC 1-84), YC40979 – 40986 (PIC 85-90, 151-152**),** YC40832 – 40891 (PIC 91 – 150), YC18471-18474 (KLUX 13-16)

Ant Block: 62° 3' 25" N, 140° 50' 10" W (NTS Sheet 115K/02)
Onion Block: 62° 0' 13" N, 140° 37" 15"W (NTS Sheet 115K/02 and 115F/15)
CanAlask/Pole Block: 61° 57' 25" N, 140° 32' 15" W (NTS Sheet 115F/15)
Pic Block: 61° 51' 50" N, 140° 19' 00" W (NTS Sheet 115F/16)

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Summary

During the summer of 2006 Falconbridge Ltd. conducted a surface exploration program on the White River Nickel Project, located south of Beaver Creek, Yukon Territory, Canada. The project is comprised of the Ant, Canalask/ Onion and Pic claim blocks. The Canalask block is under option from StataGold Corporation; the balance of the property is 100% held by Xstrata Nickel plc, formerly Falconbridge Ltd. In 2005 Falconbridge conducted a two-day field visit to the Canalask and Onion properties, held by the StrataGold Corporation. Following favourable results, Falconbridge entered into an option agreement to earn an 80% interest in claims comprising the Onion and Canalask blocks and the KLUX 13-16 claims to the southeast, and expanded the land package by staking the present Pic block, surrounding the Klux claims, and the Ant block to the northwest. The Canalask block comprises the Canalask project area and the contiguous Pole project area to the southeast

The property covers the known lateral extent of the northwest – southeast striking, steeply southwest dipping "White River Intrusive Complex" (WRIC), part of the much larger and similarly oriented Kluane Mafic-Ultramafic Belt. The latter extends from northern British Columbia to east-central Alaska, within Pennsylvanian to Triassic Wrangellia Terrane volcanics and lesser sediments. The Wrangellia Terrane, together with the Alexander Terrane, forms part of a package of accreted terrane, bounded by the Shakwak Fault directly to the east.

The Kluane Mafic-Ultramafic Belt hosts numerous nickel-copper +/- platinum deposits and prospects, most notably the past producing Wellgreen Deposit, held by Coronation Minerals about 110 kilometres to the south. Within the boundaries of the White River Nickel Project claim blocks, the much smaller epigenetic Canalask nickel-copper sulphide deposit occurs roughly 200 metres north of the footwall contact of the WRIC, within the footwall Station Creek volcanics.

The White River Intrusive Complex (WRIC) is a strongly favourable setting for magmatic copper-nickel sulphide mineralization, because it is considered as a feeder system with a high volume of magma flow, and abundance of small magmatic showings along the footwall margin.

The WRIC occurs as a sill-like dyke bounded along the northeastern, footwall side by Skolai Group, Station Creek Formation andesites; and along the south-western hanging wall side by Hazen Creek Formation clastic sediments, locally calcareous, with lesser crystalline gabbro. Younger Nikolai Volcanic flood basalts underlie large portions of the Ant block, southwestern portions of the Onion project area and southeastern parts of the Canalask/Pole project areas.

The magmatic and hydrothermal settings likely share a common origin, with hydrothermal mineralization deposited from late-stage fluids related to the magmatic mineralizing event. At the Wellgreen deposit, the vast majority of mineralization is magmatic, with a much smaller proportion of hydrothermally-derived mineralization.

Therefore the size of hydrothermally derived showings in the footwall may be indicative of potential size of proximal magmatic deposits. Using this model, the size of the Canalask deposit suggests potential for a large magmatic deposit occurs in the Canalask/ Pole project area.

"UTEM-3" geophysical surveying done in 2006 revealed weakly conductive features at depths of about 300 metres below surface, paralleling the WRIC within the Onion, Canalask and Pole grids. These suggest very gently southwest-dipping conductors with more abrupt contacts along the northeastern edges. The Canalask conductor extends east-southeast directly from the Main Zone, suggesting a footwall-hosted setting, whereas the Onion and Pole conductors correspond well with down-dip extensions of the WRIC itself. The Pole and Canalask conductors are obviously separate features.

Soil geochemical surveying in the Pole area revealed a Ni-Cr +/- Cu anomaly in southwestern areas, coincident with the eastern extent of the Pole conductor. A similar anomaly of more limited extent occurs in the north-central area, suggesting multiple ultramafic members of the WRIC.

A small pyroxenite pod with elevated nickel and copper values was discovered about 300 metres into the footwall area of the two WRIC horizons in the central Pic property area, also indicating potential for further units of this complex in the Pic area.

Within the Ant project area, silt sampling revealed elevated Ni-Cr-Cu values along one stream west of Beaver Creek. A granitic intrusion, the "Marilyn Creek stock", and a large, strongly altered gossanous zone, called the Manson Brook occurrence, within Nikolai Volcanic basalts were determined to have limited gold potential.

The 2007 program is recommended to occur as two phases, focusing primarily on the Canalask/ Pole and Onion project areas. Phase 1 is to consist of an airborne VTEM survey followed by a surface program of expanded UTEM surveying, soil geochemical surveying and geological mapping, leading to identification of drill targets (if any). Some further detailed mapping is recommended on the Onion, Pic, and the Ant project areas. Phase 2 is to consist of a diamond drilling program of about 3,200 metres of NTW core in six holes in the Canalask/ Pole area and two in the Onion area.

A rough estimate for the airborne survey stands at $**240,000**. Total projected all-in expenses for the Phase 1 program, including a 10% contingency stand at about **$271,636**. Total expenditures for the Phase 2 drilling program are projected at **$981,424,** for a project total of **$1,493,060**.

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1.0 Introduction

1.1 Introduction

From July 9 – Sept 1, 2006 Falconbridge Ltd conducted a surface exploration program on the White River Nickel Project, occurring as three claim blocks, the ANT, CANALASK/ONION and PIC blocks, located south of Beaver Creek, Yukon Territory, Canada. Four project areas are involved: the Ant, Onion, Canalask/ Pole, and Pic project areas. These blocks cover the extent of a member of the Kluane Ultramafic Belt called the White River Intrusive Complex (WRIC), and extend respectively southeast along the eastern foothills of the Kluane Ranges.

The Canalask/ Pole project area (part of the "Canalask Option") covers the "Main" and "Footwall" copper-nickel deposits developed in the 1950s along the margins of a major unit of the WRIC directly east of the White River. The contiguous Onion block covers the northwestern extension of this complex northwest of the White River. The PIC block covers narrow units of this complex to the southeast, and the ANT block covers the potential extension of stratigraphy to the northwest of the Onion block.

In September, 2005 Falconbridge Ltd. entered into an agreement to obtain a 100% interest in the CANALASK/ONION block and the KLUX 13-16 claims, located about 18 kilometres southeast and currently surrounded by the PIC claims, from the StrataGold Corporation. This followed favourable results from a two-day August 2005 field visit. Following this, Falconbridge staked the HAND claims as a contiguous block along the southeast margin of the CANALASK block, and also staked the PIC block, centered on the KLUX claims, and the ANT block.

In September 2006 Falconbridge Ltd. was taken over by Xstrata plc, based in Zug, Switzerland.

1.1.1 Underlying Agreements

In early October 2005 Falconbridge Ltd. finalized an option agreement to earn an 80% interest in the WENG 1F, 2F 3-11, ONION 1-25, WR 1-69, 83-94, 101-121, WHITE 1-19, CANA 1-6, MICRO 1-11, and RIVER 1-8 claims comprising most of the CanAlask-Onion block, and the KLUX 13-16 claims now located within the PIC block. To earn this interest, Falconbridge, the project operator, must incur exploration and development expenses totaling CDN$500,000 by December 31, 2006 and of CDN$3 million by December 31, 2009. Falconbridge Ltd. was mandated as operator, and agreed to expenditures of CDN$500,000 by December 31, 2006.

On October 3, 2005 Falconbridge staked the ANT 1-330, 332, 334, 336 claims, the HAND 1-27 claims along the southeast border of the CanAlask block, and the PIC 1-156 claims, centered on the KLUX 13-16 claim block (Figures 3a-c). In September 2006

Xstrata plc, finalized its acquisition of Falconbridge Ltd. The terms of agreement of StrataGold claims, and claim ownership of non-StrataGold claims were transferred to Xstrata plc.

1.2 Terms of Reference

The author has been requested to write this report using these terms of reference:

a) To review and compile the available information and data, including geological, structural, geochemical and geophysical data obtained by Falconbridge Ltd. during the 2006 field season, and by Falconbridge Ltd. during field visits in August prior to acquisition, pertaining to the White River Nickel project and associated interpreted nickel-copper-platinum group metals potential, and gold potential on the ANT claims.

b) To comply with the TSX Exchange regulatory requirements.

c) To follow the guidelines and framework defined in the Form 43-101-F1, pertaining to National Instrument 43-101: “Standards of Disclosure for Mineral Projects”.

d) To support the technical disclosures by Xstrata plc. in their Annual Information Forms.

e) To satisfy assessment filing requirements under the Yukon Quartz Mining Act administered by the Department of Energy, Mines and Resources, Government of Yukon.

1.3: Sources of Information

This report is based on information obtained from assessment reports and internal documents, including geological, geophysical and geochemical maps, rock, soil and silt geochemical results, and results from several episodes of past drilling. Government reports, including Yukon Minfile reports, as well as personal communication with Yukon government geologists, particularly Messrs. Stephen Israel and Donald Murphy of Whitehorse, Yukon, were also used as source material.

Most notable among private sector sources, largely assessment reports, are those pertaining to T. Antoniuk, Canalask Nickel Mines Ltd, Expatriate Resources Ltd and Uravan Minerals Inc. A large amount of geological information was obtained from Bulletin 506, Geological Survey of Canada, by Mr. Hurlbut, concerning the geology and metallogeny of the Kluane Mafic-Ultramafic Belt within the Yukon Territory.

Much of the historic data and some geological data used in this report were taken from a compilation by Mr. John Pattison, performed under contract to Falconbridge in late 2005.

This report is also based on results from the 2006 Falconbridge program and 2005 Falconbridge field visit, and on results of compilation of all historic data.

1.4 Field Involvement of Qualified Person

Mr. Carl Schulze, PGeo, the Qualified Person for this report, was involved in on-site management of the 2006 program, and was present throughout most of the program. Mr. Schulze designed the geological mapping and geochemical surveying programs on the Ant and Pole project areas, and the silt surveying program on the PIC block. Mr. Schulze was present on the CanAlask area in 2005 and 2006, and was active on the Onion block in 2005.

Compilation and interpretation of 2005 and 2006 geological, geochemical and geophysical results was done by All Terrane Mineral Exploration Services, of which Mr. Schulze is sole proprietor.

Disclaimer: The author cannot verify the quality of sample collection, preparation, analysis, shipping and security, or of reporting of geological, geochemical, structural or any other geoscience data obtained from historical documents pertaining to the White River Nickel project, except for results from the 2005 and 2006 Falconbridge programs.

2.0 Property Description and Location

The White River Nickel project consists of three main claim blocks covering much of the "White River Intrusive Complex", a member of the Kluane Mafic-Ultramafic Belt within the Wrangellia terrane. From northwest to southeast these are the Ant, Canalask/ Onion and PIC claim blocks. The Canalask/ Onion block hosts three project areas: the CanAlask area, hosting two previously delineated nickel-copper deposits; the Pole project area, about two kilometers southeast, and the Onion project area, extending about six kilometers to the northwest. The Canalask and Pole project areas are collectively referred to as the Canalask/ Pole project area

The Ant block consists of 333 contiguous Yukon quartz mining claims, the ANT 1 – 330, 332, 334, and 336 claims, comprising about 7,060 hectares (17,437 acres). This block is centered at 62° 3' 25" N, 140° 50' 10" W (NTS Sheet 115K/02), roughly 20 kilometres northwest of the CanAlask deposits and covering the potential northwestern extension of the WRIC (Figures 2, 3a, Table 1).

The CanAlask/ Onion block consists of the WENG 1F, 2F 3-11, ONION 1-25, WR 1-69, 83-94, 101-121, WHITE 1-19, CANA 1-6, MICRO 1-11, and RIVER 1-8 claims, under option from StrataGold Corp, and the HAND 1-27 claims, 100% owned by Xstrata plc (Falconbridge Ltd.). These form a contiguous block of 209 full and fractional quartz mining claims, comprising 3,731 hectares (9,216 acres). The "Main Zone" of the CanAlask deposit is located at 61° 57' 25" N, 140° 32' 15" W, on NTS Sheet 115F/15; the "Discovery showing" of the ONION block is located at 62° 0' 13" N, 140° 37" 15"W, on NTS Sheet 115K/02, and the Pole grid is centered at 61° 56' 24" N Lat, 140°, 29' 23" W Long on NTS Sheet 115F/16.

The Pic Block consists of 160 contiguous full and fractional Yukon quartz mining claims, the KLUX 13–16 claim under option from StrataGold Corp, and the PIC 1-156 claims, entirely held by Xstrata plc (Table 1, Figure 3c). The claims cover about 3,138 hectares (7,750 acres) and are centered at 61° 51' 50" N, 140° 19' 00" W (NTS Sheet 115F/16).

The ANT and ONION blocks are separated by a parcel of Class A First Nations land; the WRFN IR-16A tract; the HAND (CanAlask) claims and PIC block are separated by another parcel of Class A land, the WRFN R-35A block. Both parcels entitle the White River First Nation to surface and subsurface rights. The White River First Nation has not finalized its land claim agreement, although the land selection process is considered complete.

All claims are contiguous and unpatented (Table 1, Figures 3a-c) and have not undergone a legal survey. Details of underlying agreements are stated in Section 1.1.1, "Underlying Agreements"; expiry dates are stated in Table 1.

The property areas were acquired to cover the WRIC, one of the largest ultramafic complexes within the Kluane Mafic-Ultramafic Belt. This complex has high potential to host magmatic nickel-copper sulphide mineralization similar to the Wellgreen nickel-copper deposit about 110 kilometres to the southeast within the Quill Creek Complex of the Kluane Mafic-Ultramafic Belt. A secondary target is the epigenetic Canalask deposit, consisting of two major zones of copper – nickel sulphide mineralization, called the "Main" and "Footwall" zones respectively, located towards the western end of the CanAlask block, just east of the White River. By 1968, a resource of 390,235 tons grading 1.35% Ni was established (T. Antoniuk, 1968, FL file R-11664). L. Hulbert (1997) stated that this does not factor in dilution, thus a more realistic estimate is of an "ore reserve of 1,800,000 tonnes of 0.86% Ni". It must be noted that these estimates were released prior to establishment of current resource estimate standards under National Instrument 43-101, do not distinguish between resource categories, have not been substantiated by Falconbridge Ltd or Xstrata plc, and should not be relied upon. The parallel "Footwall zone" occurs about 75 metres to the north, and is characterized by "narrow intervals of moderate copper and nickel grade" (Hulburt, 1997) intersected by several drill holes.

Past mine workings consist of underground excavations on several levels accessed by an adit along the east bank of the White River. There are also small surface excavations, likely for extraction of small bulk samples, in the Main and Footwall Zone areas. Numerous small trenches occur in the CanAlask area; a few also occur in the "Discovery" area on the Onion block (Map 3a). Previous drill sites have been reclaimed or have undergone natural re-vegetation and are difficult to locate. There are no existing tailings ponds, or major bulk sample excavations, and waste deposits consist of small tailings piles comprising a few tonnes each along an existing access road to the Canalask deposit. The 2006 program resulted in no significant disturbances.

The adit has not been sealed, although Falconbridge ensured high visibility through warning signs and markings. There are no other known environmental liabilities on the property. All 2006 activities were properly permitted, including proposed drilling, which has been postponed. The current permit is valid through June 2011.

3.0 Access, Physiography and Climate

The Onion portion of the CanAlask-Onion block, including all areas north of the White River, occurs along Miles Ridge, a steep northwest-southeast trending small mountain range with elevations to about 5,500 feet (1,675 metres). The east flank of the ridge is rugged and locally impassable, with steep terrain incised by numerous small streams. Tundra vegetation covers ridgelines, although much of the upper portions of the east flank, including the target areas, are devoid of vegetation. Stunted conifer and scrub covers areas below 4,000 feet (1,220 metres).

The CanAlask-Pole project areas cover a lower area of moderate relief, with local steep hills in the southeastern portion of the Pole area. Elevations range from about 2,200 feet (670 metres) along the White River to about 5,000 feet (1,525 metres) in extreme southern areas, although most areas are below 3,500 feet (1,075 metres). Vegetation consists of immature hardwood and mixed forest in well-drained areas, with a large portion covered by boggy or swampy areas with stunted conifer and/or willow scrub.

The PIC block covers very similar terrain to that of the Onion block, with similar tundra vegetation covering elevations to 6,000 feet (1,830 m). Several benches of moderate to gentle relief occur below the 1,200-metre level (Figure 3b).

The central portion of the Ant block, west of Beaver Creek, consists of moderate terrain largely covered by muskeg with stunted conifers, with numerous narrow steep stream valleys. The western area, bounded by Sanpete Creek (Figure 3a) is rugged, particularly along the northwest side of this creek, with Chair Mountain attaining an elevation of about 5,500 feet (1,675 metres). Ed Mountain in the north-central area attains an elevation of 5,100 feet (1,550 metres). Terrain west of Beaver Creek is very rugged, exceeding 5,500 feet in height. Rugged areas above tree line are commonly devoid of vegetation, although tundra vegetation covers areas of moderate terrain.

The area has a typically sub-arctic montane climate, with short fairly warm summers. Summer temperatures along valley floors are typically in the 15^{o} to 25^{o}C range. Winters are long and very cold, with average temperatures in the -20^{o} to -30^{o} C range. Precipitation is light, falling mostly as rain, with snowpack accumulations usually less than one metre. The exploration season extends from early June through late September. Water access for diamond drilling is fair during the field season, although the small streams likely become dry shortly following the onset of winter.

Seasonal access to the Canalask deposits is by a rough road usable by 4 x 4 vehicles, extending south for roughly 3.5 kilometres from the Alaska Highway about 1.5 km east of the White River bridge. The Pole area and portions of the Canalask block are accessible by all-terrain or “Argo” amphibious vehicles. All other project areas are accessibly only by helicopter.

The Canalask-Pole portion of the Canalask-Onion claim block, and the Ant claim block, are large enough and of suitably moderate to gentle terrain to accommodate mining facilities, potential mill processing sites, heap leach pads, and waste disposal sites. Suitable terrain for such facilities is extremely limited on the Onion block, complicated by its partial encapsulation by the White River First Nation parcel. Land for cultural development is also somewhat limited on the Pic block, bounded by a wildlife preserve to the northeast, although flat terrain is available for property expansion just north of the southeastern portion.

Some facilities, including good lodging and restaurant facilities and a limited work force, are available in the village of Beaver Creek, with a population of 90, located along the Alaska Highway about 55 km north of the White River bridge. Full service facilities, including an available skilled work force, are available at Whitehorse, located along the Alaska Highway about 480 kilometres to the southeast. The Alaska Highway is a major paved highway, connecting the Beaver Creek area both to southern Canada and to Alaska, just northwest of Beaver Creek. A diesel generator supplies electrical power to Beaver Creek; these facilities would have to be upgraded, or independent facilities built, to service any future mining and milling operations.

Figure 1: Location Map

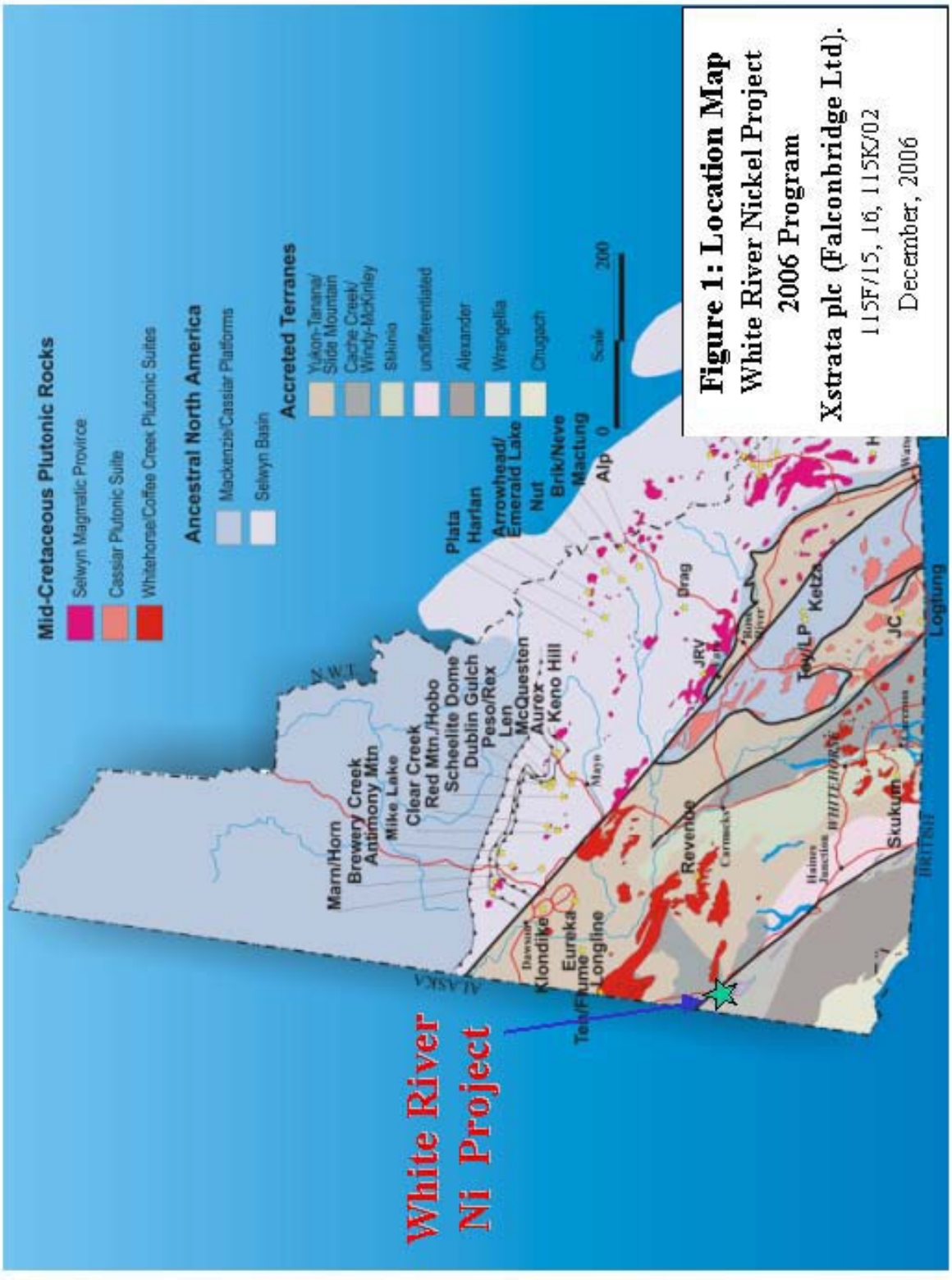


Figure 2: Regional Location Map

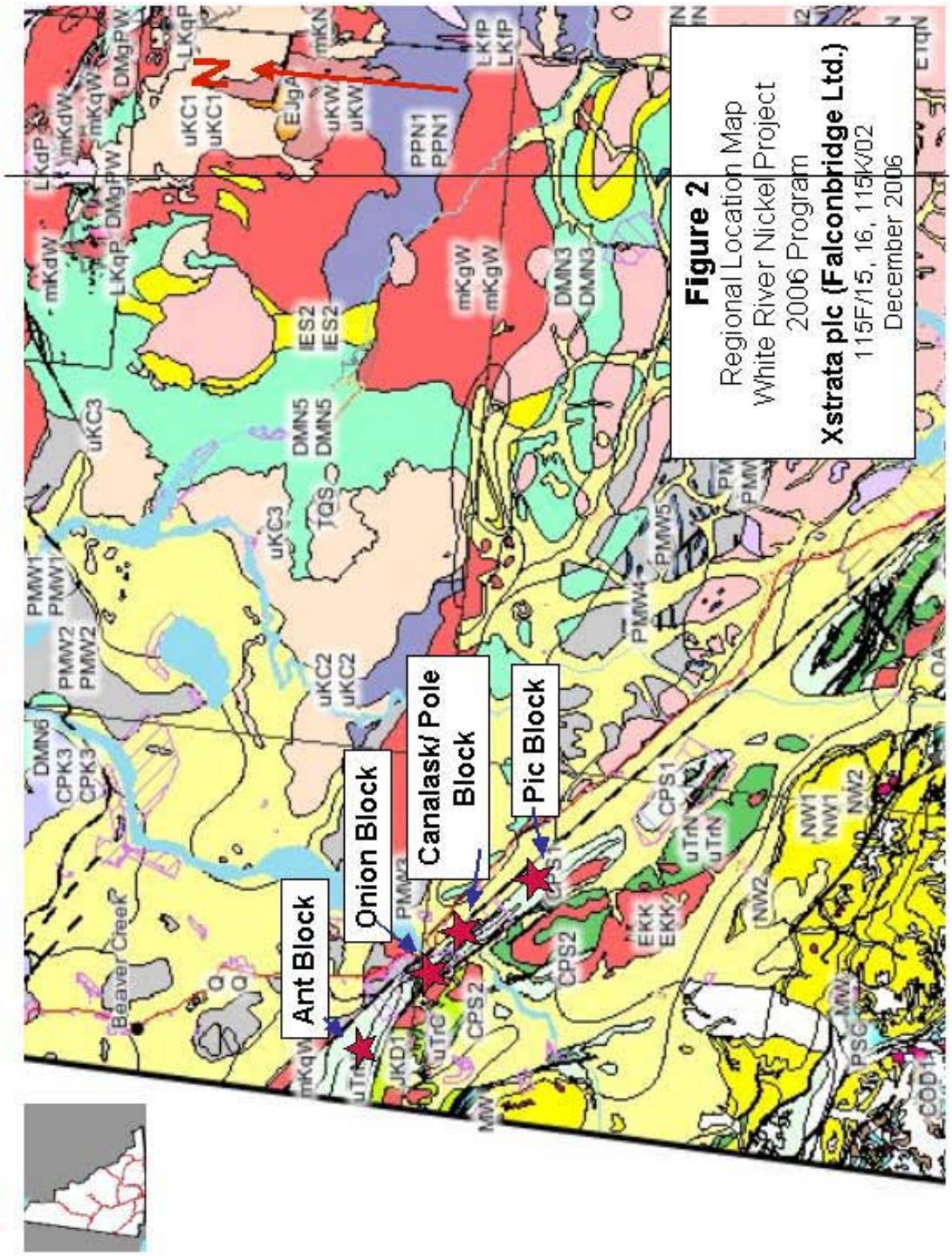


Table 1 (a-c) Claim Status, ANT, Can-Alask-Onion and Pic project areas respectively

Table 1a

Claim Status, ANT Claim Block

XSTRATA plc (FALCONBRIDGE Ltd.)

Grant No	Claim Name	Claim Owner	Recording Date	Expiry Date
YC40380 - 40392	ANT 1 - 13	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40393 - 40416	ANT 14 - 37	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40417	ANT 38	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40418	ANT 39	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40419	ANT 40	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40420	ANT 41	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40421	ANT 42	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40422	ANT 43	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40423	ANT 44	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40424	ANT 45	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40425	ANT 46	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40426 - 40465	ANT 47 - 86	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40466 - 40475	ANT 87 - 96	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40476	ANT 97	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40477 - 40478	ANT 98 - 99	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40479	ANT 100	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40480	ANT 101	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40481	ANT 102	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40482	ANT 103	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40483	ANT 104	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40484	ANT 105	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40485	ANT 106	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40486	ANT 107	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40487	ANT 108	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC-40488 - 40489	ANT 109 - 110	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40490	ANT 111	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40491	ANT 112	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40492	ANT 113	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40493	ANT 114	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40494	ANT 115	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40495	ANT 116	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40496	ANT 117	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40497	ANT 118	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40498	ANT 119	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40499	ANT 120	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40500	ANT 121	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07

YC40501 - 40510	ANT 122 - 131	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40511 - 40518	ANT 132 - 139	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40519	ANT 140	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40520	ANT 141	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40521	ANT 142	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40522 - 40527	ANT 143 - 148	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40528 - 40530	ANT 149 - 151	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40531	ANT 152	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-09
YC40532	ANT 153	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40533	ANT 154	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-09
YC40534	ANT 155	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40535	ANT 156	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-09
YC40536	ANT 157	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40537	ANT 158	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-09
YC40538 - 40542	ANT 159 - 163	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40543	ANT 164	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40544	ANT 165	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40545	ANT 166	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40546 - 40553	ANT 167 - 174	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40554	ANT 175	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40555 - 40562	ANT 176 - 182	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40563 - 40570	ANT 184 - 191	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40571	ANT 192	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-09
YC40572	ANT 193	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40573	ANT 194	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-09
YC40574 - 40575	ANT 195 - 196	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40576	ANT 197	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-09
YC40577 - 40578	ANT 198 -199	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40579	ANT 200	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-09
YC40580	ANT 201	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40581	ANT 202	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-09
YC40582	ANT 203	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40583 - 40584	ANT 204 - 205	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-09
YC40585	ANT 206	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-10
YC40586	ANT 207	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-09
YC40587	ANT 208	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-10
YC40588	ANT 209	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-09
YC40589	ANT 210	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-10
YC40590 - 40592	ANT 211 - 213	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-09
YC40593	ANT 214	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-11
YC40594	ANT 215	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-09
YC40595	ANT 216	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-11
YC40596	ANT 217	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40598 - 40619	ANT 219 - 240	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40620	ANT 241	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40621	ANT 242	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40622	ANT 243	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08

YC40623 - 40625	ANT 244 - 246	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40626	ANT 247	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-09
YC40627	ANT 248	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40628	ANT 249	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-09
YC40629	ANT 250	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40630	ANT 251	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40631	ANT 252	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40632	ANT 253	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-08
YC40633	ANT 254	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40634 - 40637	ANT 255 - 258	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-09
YC40638	ANT 259	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-10
YC40639	ANT 260	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-09
YC40640 - 40645	ANT 261 - 266	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-10
YC40646 - 40648	ANT 267 - 269	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-11
YC40649	ANT 270	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-10
YC40650	ANT 271	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-11
YC40651	ANT 272	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-10
YC40652	ANT 273	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-11
YC40653	ANT 274	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-10
YC40654 - 40661	ANT 275 - 282	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40662 - 40679	ANT 283 - 300	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40680	ANT 301	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40681	ANT 302	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40682	ANT 303	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40683	ANT 304	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40684	ANT 305	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40685 - 40689	ANT 306 - 310	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-07
YC40690 - 40699	ANT 311 - 320	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-09
YC40700	ANT 321	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-10
YC40701	ANT 322	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-09
YC40702 - 40709	ANT 323 - 330	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-10
YC40711	ANT 332	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-10
YC40713	ANT 334	Falconbridge Ltd (100%)	3-Oct-05	03-Oct-10
YC40714	ANT 336	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-10

Table 1b:

Claim Status, CANALASK - ONION Claim Block

XSTRATA plc (FALCONBRIDGE Ltd.)

Grant No	Claim Name	Claim Owner	Recording Date	Expiry Date
YA96595 - 96597	ONION 1 - 3	StrataGold Corp (100%)	19-Dec-86	19-Mar-11
YC96598 - 96599	ONION 4 - 5	StrataGold Corp (100%)	19-Dec-86	19-Mar-14
YA96600 - 96607	ONION 6 - 13	StrataGold Corp (100%)	19-Dec-86	19-Mar-17
YA97913 - 97914	ONION 14 - 15	StrataGold Corp (100%)	23-Jun-87	19-Mar-10
YA97915 - 97916	ONION 16 - 17	StrataGold Corp (100%)	23-Jun-87	19-Mar-13
YA97917 - 97924	ONION 18- 25	StrataGold Corp (100%)	23-Jun-87	19-Mar-16
YB96868 - 96887	WR 1 - 20	StrataGold Corp (100%)	18-Oct-96	10-Apr-11
YB96888	WR 21	StrataGold Corp (100%)	18-Oct-96	10-Apr-10
YB96889	WR 22	StrataGold Corp (100%)	18-Oct-96	10-Apr-09
YB96890	WR 23	StrataGold Corp (100%)	18-Oct-96	10-Apr-10
YB96891 - 96892	WR 24 - 25	StrataGold Corp (100%)	18-Oct-96	10-Apr-09
YB96893 - 96899	WR 26 - 32	StrataGold Corp (100%)	18-Oct-96	10-Apr-10
YB96900	WR 33	StrataGold Corp (100%)	18-Oct-96	10-Apr-09
YB96901	WR 34	StrataGold Corp (100%)	18-Oct-96	10-Apr-11
YB96902	WR 35	StrataGold Corp (100%)	18-Oct-96	10-Apr-09
YB96903	WR 36	StrataGold Corp (100%)	18-Oct-96	10-Apr-11
YB96904 - 96905	WR 37 - 38	StrataGold Corp (100%)	18-Oct-96	10-Apr-10
YB96906 - 96907	WR 39 - 40	StrataGold Corp (100%)	18-Oct-96	10-Apr-12
YB96908 - 96909	WR 41 - 42	StrataGold Corp (100%)	18-Oct-96	10-Apr-10
YB96910	WR 43	StrataGold Corp (100%)	18-Oct-96	10-Apr-10
YB96911 - 96913	WR 44 - 46	StrataGold Corp (100%)	18-Oct-96	10-Apr-09
YB96914 - 96927	WR 47 - 60	StrataGold Corp (100%)	18-Oct-96	10-Apr-11
YB96928	WR 61	StrataGold Corp (100%)	18-Oct-96	10-Apr-10
YB96929 - 96931	WR 62 - 64	StrataGold Corp (100%)	18-Oct-96	10-Apr-11
YB96932	WR 65	StrataGold Corp (100%)	18-Oct-96	10-Apr-07
YB96933	WR 66	StrataGold Corp (100%)	18-Oct-96	10-Apr-10
YB96934 - 96936	WR 67 - 69	StrataGold Corp (100%)	18-Oct-96	10-Apr-13
YB96948 - 96953	WR 83 - 88	StrataGold Corp (100%)	18-Oct-96	10-Apr-10
YB96954 - 96955	WR 89 - 90	StrataGold Corp (100%)	18-Oct-96	10-Apr-15
YB96956 - 96959	WR 91 - 94	StrataGold Corp (100%)	18-Oct-96	10-Apr-13
YB97334	WR 101	StrataGold Corp (100%)	11-Feb-97	10-Apr-10
YB97335 - 97341	WR 102 - 108	StrataGold Corp (100%)	11-Feb-97	10-Apr-14
YB97342 - 97346	WR 109 - 113	StrataGold Corp (100%)	07-Mar-97	10-Apr-14
YB97347 - 97348	WR 114 - 115	StrataGold Corp (100%)	07-Mar-97	10-Apr-08
YB97349 - 97354	WR 116 - 121	StrataGold Corp (100%)	07-Mar-97	10-Apr-07
YB38234 - 38241	WHITE 1 - 8	StrataGold Corp (100%)	31-Aug-93	10-Apr-16

YB38242	WHITE 9	StrataGold Corp (100%)	31-Aug-93	10-Apr-13
YB38243	WHITE 10	StrataGold Corp (100%)	31-Aug-93	10-Apr-16
YB38244	WHITE 11	StrataGold Corp (100%)	31-Aug-93	10-Apr-13
YB38245	WHITE 12	StrataGold Corp (100%)	31-Aug-93	10-Apr-12
YB38246	WHITE 13	StrataGold Corp (100%)	31-Aug-93	10-Apr-13
YB38247 - 38252	WHITE 14 - 19	StrataGold Corp (100%)	31-Aug-93	10-Apr-12
YA97083	CANA 1	StrataGold Corp (100%)	18-Mar-87	10-Apr-11
YA97084	CANA 2	StrataGold Corp (100%)	18-Mar-87	10-Apr-15
YA97085	CANA 3	StrataGold Corp (100%)	18-Mar-87	10-Apr-11
YA97086	CANA 4	StrataGold Corp (100%)	18-Mar-87	10-Apr-15
YA97087	CANA 5	StrataGold Corp (100%)	18-Mar-87	10-Apr-11
YA97088	CANA 6	StrataGold Corp (100%)	18-Mar-87	10-Apr-15
86108 - 86109	MICRO 1 - 2	StrataGold Corp (100%)	28-Apr-64	10-Apr-11
86111	MICRO 3	StrataGold Corp (100%)	28-Apr-64	10-Apr-15
86112	MICRO 4	StrataGold Corp (100%)	28-Apr-64	10-Apr-11
86115	MICRO 6	StrataGold Corp (100%)	28-Apr-64	10-Apr-11
86360	MICRO 12	StrataGold Corp (100%)	28-May-64	10-Apr-11
86367	MICRO 10	StrataGold Corp (100%)	28-May-64	10-Apr-15
86368	MICRO 11	StrataGold Corp (100%)	28-May-64	10-Apr-11
YB38253 - 38254	RIVER 1 - 2	StrataGold Corp (100%)	31-Aug-93	10-Apr-12
YB38255 - 38260	RIVER 3 - 8	StrataGold Corp (100%)	31-Aug-93	10-Apr-17
YA96585	WENG 1F	StrataGold Corp (100%)	19-Dec-86	10-Apr-11
YA96586	WENG 2F	StrataGold Corp (100%)	19-Dec-86	10-Apr-11
YA96732 - 96733	WENG 3 - 4	StrataGold Corp (100%)	16-Jan-87	10-Apr-11
YA96734 - 96739	WENG 5 - 10	StrataGold Corp (100%)	16-Jan-87	10-Apr-16
YB06099	WENG 11	StrataGold Corp (100%)	15-Jul-87	10-Apr-15
YC40715 - 40741	HAND 1-27	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-11

Table 1c:

Claim Status, PIC Claim Block

XSTRATA plc (FALCONBRIDGE Ltd.)

Grant No	Claim Name	Claim Owner	Recording Date	Expiry Date
YC40742 - 40772	PIC 1 - 31	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40773	PIC 32	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40774	PIC 33	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40775	PIC 34	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40776	PIC 35	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40777	PIC 36	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40778	PIC 37	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40779	PIC 38	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40780 - 40805	PIC 39 - 64	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40806	PIC 65	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40807	PIC 66	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40808	PIC 67	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40809	PIC 68	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40810 - 40823	PIC 69 - 82	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40824 - 40825	PIC 83 - 84	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40979 - 40984	PIC 85 - 90	Falconbridge Ltd (100%)	28-Nov-05	28-Nov-07
YC40832 - 40865	PIC 91 - 124	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40866	PIC 125	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-08
YC40867 - 40891	PIC 126 - 150	Falconbridge Ltd (100%)	03-Oct-05	03-Oct-07
YC40985 - 40990	PIC 151 - 156	Falconbridge Ltd (100%)	28-Nov-05	28-Nov-07
YC18471 - 18474	KLUX 13 - 16	StrataGold Corp (100%)	07-Mar-00	07-Mar-09

Figures 3a-c. Claim Maps, Ant, CanAlask-Onion and Pic project areas.
Figure 3a. Ant Claims

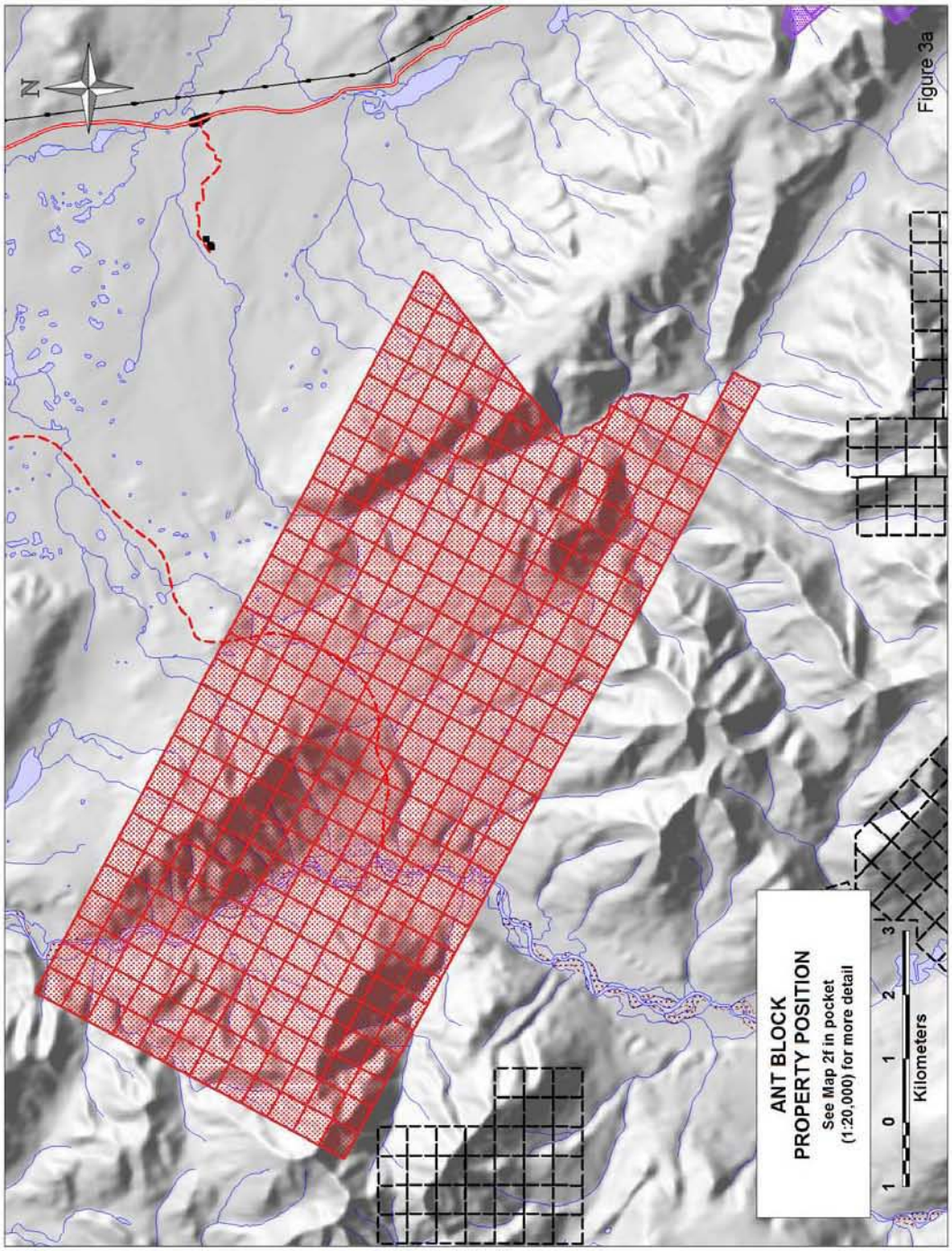


Figure 3b Canalask/ Onion block

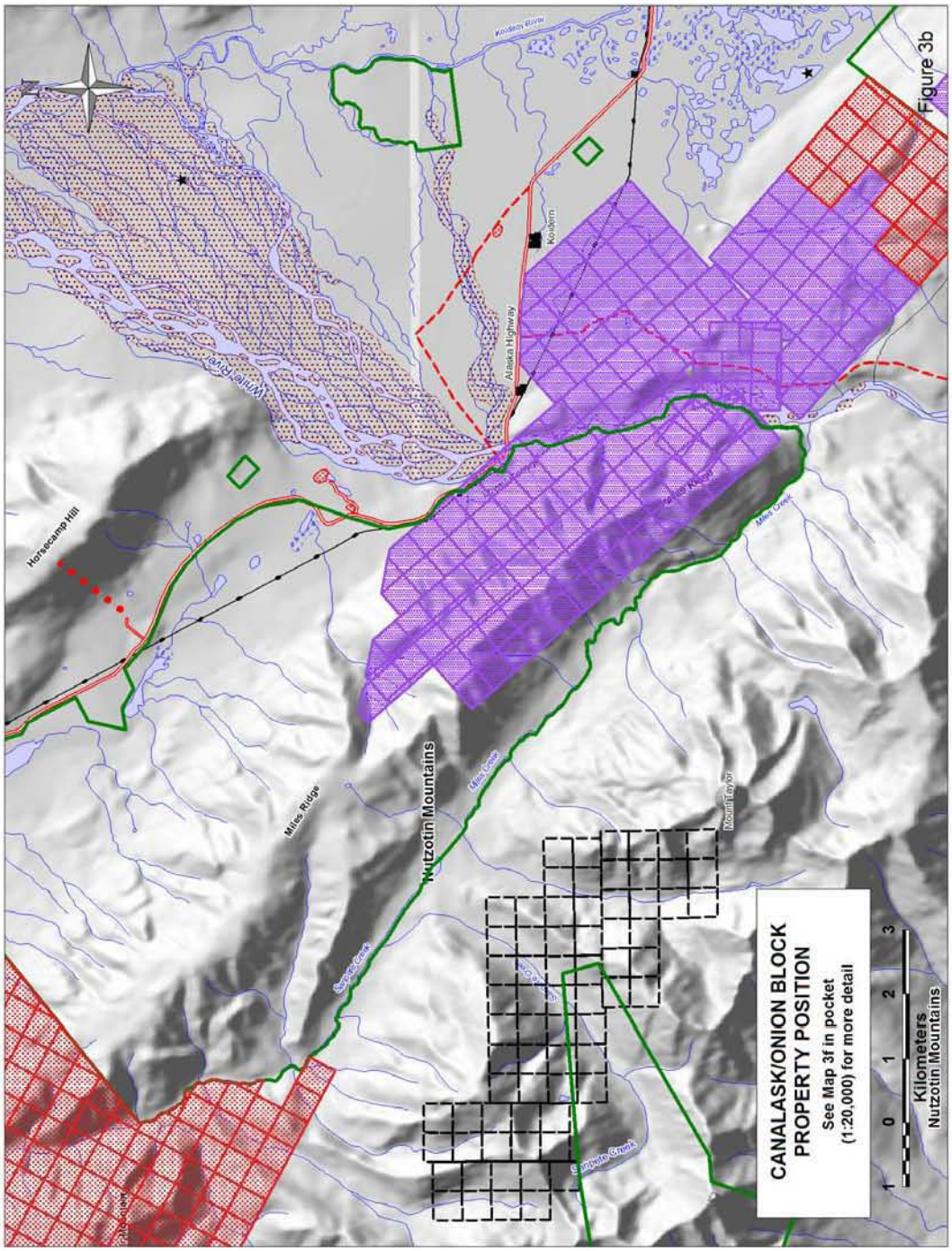
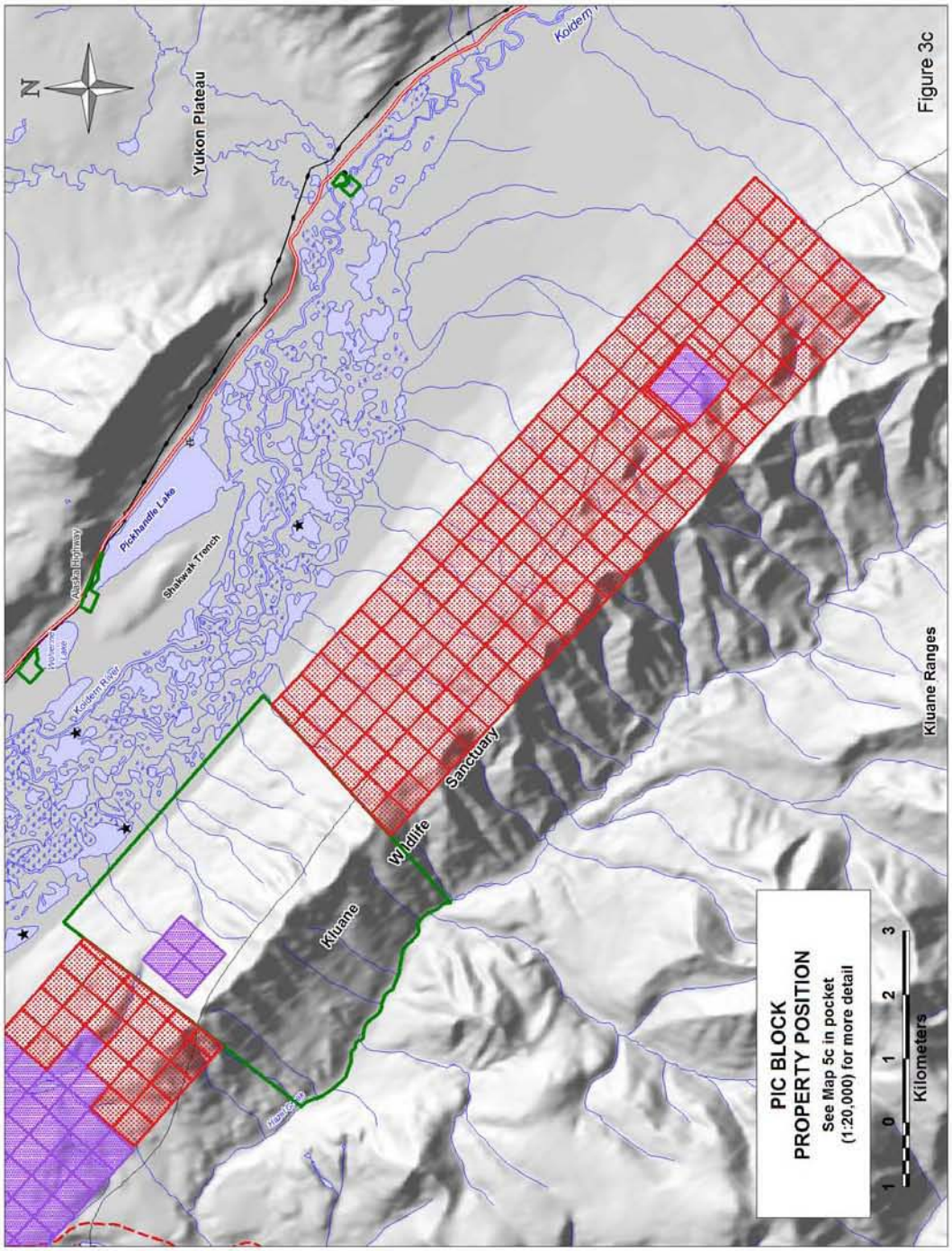


Figure 3c: Pic block



4.0 History

This section is based largely on a project area summary produced by J. Pattison in late 2005, and from the Yukon Minfile.

4.1: History of the CanAlask Area

Interest in the Canalask area was first sparked with the discovery of the Canalask showing in 1952 by P. Eikland, W. Theriault and F. Hickey. The three prospectors staked 32 WHITE, WOLVERINE and CARIBOU claims in March 1953, covering the occurrence (rusty mineralized volcano-sedimentary rocks exposed on a bluff on the east bank of the White River). The claims were optioned to Prospectors Airways Company Ltd. on behalf of a syndicate including Noranda Mines Ltd. and Kerr Addison Gold Mines Ltd (Yukon Minfile, 2006). The syndicate drilled 14 holes totaling 1652.3 m before dropping the option in March, 1954.

In 1954 Canalask Nickel Mines Limited (an amalgamation of Ontario Nickel Mines Ltd. and Frobisher Ltd.) optioned the Canalask property. Between 1954 and 1958 Canalask completed 518.2 m of drifting on two levels (2400' and 2700'). Access was via an adit on the 2700' level. Canalask completed 466.7 m of underground and 1,025 m of surface drilling on the showing. Canalask also optioned several other claim groups along the White River Intrusive Complex (WRIC), including the CATS and DOGS claim groups located in the WRIC about 18 km southeast of the Canalask deposit. After 1958 no further work was done on the Canalask or on any of the surrounding properties. The Canalask claims were allowed to lapse in 1963.

The Canalask area was re-staked as the MICRO 1-9 claims in March, 1964 by P. Versluce, H. Versluce and C. Gibbons, who conducted trenching in 1965 and 1966. In 1967 the property was optioned it to Discovery Mines Ltd., Rayrock Mines Ltd. and Consolidated Canadian Faraday Ltd. In 1967, the syndicate performed magnetometer, IP and EM geophysical surveys, bulldozer trenching and diamond drilling (2 surface holes totaling 370.9 metres). In 1968, Faraday transferred its interest to Pacific Petroleum Ltd; the underground workings were re-opened and 370.9 metres of underground drilling was done, as well as 1,005.9 metres of drilling from surface.

The option was dropped, and the owners performed more trenching in 1970. In 1972, the property was optioned to the Nickel Syndicate (Canadian Superior Exploration Ltd., Aquitaine, Home Oil Ltd. and Getty Minerals Ltd.). The Nickel Syndicate conducted mapping and geophysical surveys (magnetometer and EM) and drilled 7 holes (VQ-1 to VQ-7) totaling 640 m. The option was terminated in 1974. The owners rehabilitated the portal in 1978 (Yukon Minfile, 1978).

In 1986 the property was optioned to the Kluane Joint Venture, consisting of All-North Resources Ltd. and Chevron Minerals Ltd. and joint-ventured with Rockridge Mining

Corporation. This Joint Venture conducted mapping, magnetometer and VLF surveys, minor geochemical surveying and 603.2 metres of diamond drilling in 5 holes over the Main Zone area in1987.

In 1986 Polestar Exploration Inc. staked the V 1-36 claims over the WRIC northwest and southeast of the Canalask deposit. Polestar conducted prospecting and collected "approximately" 374 soil and 223 rock samples. Harjay Exploration Co. Ltd. staked the CT 1-17 claims to the north and the WR 17-26 claims to the southwest. Brian Lueck staked the KM 1-12 claims to the west in October, 1987. In 1988 Lodestar Exploration Ltd conducted magnetometer and VLF surveying on the CT claims. In 1989 G. Harris staked the LOBO 1-10 claims about one kilometre to the southwest.

In 1993 Expatriate Resources purchased a 100% interest in the CANA, MICRO, WENG and ONION claim groups and later that year staked the WHITE 1-18 and 20, and the RIVER 1-8 claims. They carried out trenching, magnetometer and VLF surveying, and geochemical and geological surveying. In 1994 Cachet Enterprises Corporation entered into an option to earn a 50% interest in the MICRO claims. Cachet conducted magnetic, VLF and horizontal loop EM surveys and drilled 11 holes totaling 1,472 m. Cachet dropped the option in 1996.

In 1996 Expatriate expanded its property position to cover all of the WRIC between the Canalask deposit and the Discovery Showing. A 253 line-km Dighem V helicopter-borne magnetometer and frequency domain EM survey was flown over the property, now expanded to resemble the present Canalask-Onion block. Traverse lines were flown at a bearing of 045° with an average separation of 100 m. In 1997 Expatriate conducted a Max-Min survey to locate weak to moderate strength airborne conductors situated in the WRIC close to the Canalask deposit and then drilled ten holes for 1,277.7 metres to test them.

In 1999 Uravan Minerals Inc. entered into an option agreement to earn a 60% interest in the property. Uravan focused its attention on the Onion block area.

The claims were transferred to the StrataGold Corporation in May, 2003. In August 2005, Falconbridge visited the Canalask and Onion areas, obtaining numerous samples for ICP analysis, including copper and nickel analysis, as well as samples for whole rock analysis. In October 2005 Falconbridge finalized its agreement to earn an 80% interest in all claims held by the StrataGold Corporation.

4.2 History of the Onion area

Much of this section is also taken from notes by J. Pattison and the Yukon Minfile.

In 1952 prospectors working on Miles Ridge at the western end of the White River Complex, 7 km northwest of the Canalask showing, discovered a nickel-copper occurrence known as the Discovery showing. The showing was staked as the BETH

claims in July 1952 by Prospectors Airways Ltd. In September 1953 Canalask Nickel ML staked the MARG claim(s) nearby to the west as follow-up to aeromag survey results.

The BETH area was re-staked as the ELLIK etc claims in 1956 by Per Johnson and W. Abraham, who conducted sampling and hand trenching; then as the SUCCESS block by G. Harris in 1957. It was re-staked as the ONION block in July, 1960 by Conwest, then as the FOX and SPARKY claims in 1964, then as the JUMBO claims in 1964 and finally as the OWL block in July 1965. Cominco Ltd. optioned the property in 1966 and conducted mapping and sampling. The showing area was re-staked as the PORKY block in 1967, as the SPARKY in 1968 and as the MICRO claims in 1969, by C. Gibbons, who also was involved in staking the MICRO claims still extant in the Canalask area.

In 1986 the showing area was re-staked as the ONION block by the Kluane Joint Venture, consisting of All-North Resources Ltd. and Chevron Minerals Ltd., which optioned it to Rexford Minerals Ltd. Rexford conducted geochemical sampling and geological mapping in 1987 and geophysical surveying in 1988, before adding more ONION claims in 1989. In 1993 Expatriate purchased a 100% interest in the ONION claims, and, in 1996 surrounded these with the WR claims.

In 1998 Expatriate conducted prospecting and silt sampling on Miles Ridge. The work occurred across a seven-kilometre portion of the footwall contact of the WRIC that included the Discovery showing area.

In 1999 Uravan Minerals Inc. entered into an option agreement to earn a 60% interest in the property. In 2001 Uravan conducted detailed mapping, lithogeochemical sampling, surface magnetometer, Max Min and IP surveys on Miles Ridge. A petrographic and lithogeochemical study of the rock samples collected was also done.

In 2002 Uravan drilled two holes (495 m) to test weak Max-Min conductors in the vicinity of the Onion SW and Sax Ni-Cu occurrences on Miles Ridge.

4.3 History of the Cats and Dogs (Pic) area

In 1953, Canalask Nickel Mines staked the CATS and DOGS claim groups to cover an elongate, 3.2 km long aeromagnetic anomaly at the southeastern end of the WRIC. Pieces of serpentinized copper-nickel sulphide-bearing ultramafic float were reportedly found at scattered locations throughout the area. A winter road was built and an attempt was made to drill the area in 1954 but the drill was unable to penetrate the overburden.

The showings were re-staked as the BEAN 1-4 claims in 1966 by R.A. Dickson, and as the NICU 1-4 claims in 1967 by General Enterprises Ltd. In 1967 General Enterprises carried out bulldozer trenching.

In 1968 P. Versluce and R. Hilker re-staked this area as the JJ 1-22 and GG 1-56 claims, and performed bulldozer trenching in 1969. The results of the trenching are not known. The owners staked the M 1-14 and 19-61 claims to the northwest in 1973 and added more claims in 1974 and 1975.

In 1975, Western Mines Limited (a Brascan subsidiary) optioned the property and conducted mapping, prospecting and limited magnetometer surveys over the area. No significant nickel mineralization was found but numerous vein-hosted copper sulphide showings were discovered in volcanic and sedimentary rocks of the Skolai Group. Western Mines conducted geological mapping in 1976 before dropping its option.

In 1986 the Kluane Joint Venture re-staked the areas as the CATS 1-20 and DOGS 1-16 claims, and optioned the property to Silverquest Resources Ltd. in April, 1987. Later that year, Silverquest conducted prospecting and soil sampling surveys over the area. The Harjay Exploration Co Ltd. tied on the PILLOW 1-11 claims to the west in 1987 and performed prospecting and sampling in 1988.

Archer, Cathro and Associates (1981) Ltd. re-staked the showing as the KLU 1-24 claims in 1994 and the KLUX 1-26 claims in 2000, on behalf of the Donjek Joint Venture, comprised of Expatriate Resources Ltd. and Strategic Minerals Ltd (Yukon Minfile, 2006). All but the KLUX 13-16 claims were allowed to lapse before the joint venture performed rock sampling and prospecting on the remaining four claims in 2001. The claims were transferred to Expatriate Resources in 2002 and then to StrataGold in 2003.

4.4: History of the Ant Block area

Only minor exploration has occurred within the present confines of the Ant block. The most significant work occurred at the Chair gold prospect, a strongly gossanous occurrence along the eastern flank of Chair Mountain. This was first staked as the ICE claim(s) in 1966 by D. Backstrom, and then re-staked as the BILLY claim(s) in 1980 by K. Gruber. It was re-staked as the RAIN claims in 1982 by Harjay ECL which re-staked it again in 1982 as the CHAIRGOLD claims. In 1988 B. Harris staked the SLUMP claims to the east. Exploration uncovered pyritic quartz veining hosting minor copper mineralization, as well as strongly altered intrusive rock. Exploration on the SLUMP claims revealed quartz-barite veining with minor gold, and minor copper-lead-zinc veining.

The only other noteworthy occurrence prior to the 2006 season is the Yellow showing, staked as the YELLOW and PL claims by Harjay ECL in 1987, which performed hand trenching later that year. Exploration revealed pyrrhotite and chalcopyrite as massive clots and fracture fillings in a 15-metre wide shear zone crosscutting an ultramafic sill; assays returned low nickel and platinum-group metal values.

5.0 Geological Setting

The majority of the following section was taken from the J. Pattison compilation.

5.1 General Geology

The White River Nickel Project area extends covers a 29 kilometre long section of the Kluane Mafic-Ultramafic Belt hosting the White River Intrusive Complex (WRIC). The latter is situated on the northwest edge of the Wrangellia Terrane of the Canadian Cordillera, just west of the regional scale Shakwak transpressional fault. The Pennsylvanian to Triassic Wrangellia Terrane, together with the Alexander Terrane, forms part of a package of accreted terrane, bounded by the Shakwak Fault to the east. This is considered as the second major accretional event, occurring west of the Yukon-Tanana Terrane, itself representing the first major accretional event

The Kluane Mafic-Ultramafic belt is the second largest belt of nickeliferous intrusions in North America. Only the Circum-Superior belt is larger. The Kluane belt extends from east-central Alaska, through the Yukon and into northern British Columbia and contains numerous mafic-ultramafic intrusive complexes. The intrusions, occurring as sills and lenticular bodies, are believed to represent subvolcanic magma chambers that fed overlying basalts of the Triassic Nikolai Group. Each intrusive complex typically has a peridotite-dunite core and a thin gabbroic margin. The intrusions contain numerous Ni-Cu-PGE occurrences including the past producing Wellgreen Mine located in the Quill Creek mafic-ultramafic complex 110 km southeast of the Canalask area.

In the project area, the northwest-southeast trending, steeply west-dipping Pennsylvanian to Permian Skolai Group comprises the oldest rocks of the Wrangellia Terrane. The Skolai Group is subdivided into two major formations: the older Station Creek and younger Hasen Creek formations. The Station Creek Formation consists mainly of andesitic and basaltic volcanics grading upwards to fine to medium grained tuffs, forming a sequence about 1,000 metres thick (Hurlbut, 1997). Campbell (1981) estimated an age range of Upper Mississippian to Lower Permian, based on conodont locations. The overlying Hasen Creek Formation consists of chert, black shale, sandstone, limestone and minor conglomerate forming a sequence to 800 metres thick deposited under subaqueous conditions of varying water depths. Sill-like gabbroic units occurring throughout the Hasen Creek Formation are interpreted to be of Lower Permian age.

The WRIC has been emplaced largely along or near the contact of the Hasen Creek and Station Creek formations, with the latter forming the northeastern footwall to the complex. The intrusion generally ranges in thickness from 100-300 m, strikes at 135° and dips to the southwest at 50° to 90°. At a length of about 20 kilometres, this is the second largest mafic-ultramafic intrusion in the Kluane Mafic-Ultramafic belt.

The Nikolai Group unconformably overlies the Hasen Creek Formation. This sequence attains a thickness of about 1,000 metres, and consists of basalt flows, including flood basalts with minor interbedded limestone (Hulburt, 1997). At some locations, a fossiliferous carbonaceous shale horizon forms the base of the Nikolai Group units (Hulburt, 1997). It contains *Daonella* bivalve fossils indicating that the strata are Middle Triassic in age, and thus a member of the Nikolai Group. The base of the volcanic pile consists of volcanic breccia and pillow breccia up to 100 m thick. The Nikolai flows are thin (2 to 10 m) and vesicular. The Nikolai Volcanics and WRIC are considered to be coeval.

Units of Nizina and Chitistone limestone occur throughout the belt as massive lenses ranging from several hundred metres to less than 30 metres in thickness. Locally abundant microfauna indicate deposition during Upper Triassic times. McCarthy Formation limestones, also Upper Triassic in age, overlie the Chitizone limestones where the latter units are at their maximum thickness.

Numerous Lower Cretaceous intrusions referred to as “Kluane Range Intrusions” occur in the project area. These consist largely of hornblende granodiorite and diorite (Muller, 1967).

5.1.1 The White River Intrusive Complex

This section was provided by J. Pattison, largely after Hulbert, 1997.

The WRIC is relatively well exposed on Miles Ridge west of the White River where it occurs as a sill-like body of ultramafic and mafic rocks 100 to 150 m thick dipping about 50° to the southwest. In this area neither the WRIC nor the surrounding rocks appear to be folded, nor does there appear to be significant normal faulting. All intrusive, extrusive and sedimentary lithologies face southwest (Hulbert, 1997). The northern margin of the WRIC represents the basal footwall contact zone while the southern margin delineates the upper hanging wall intrusive contact. The intrusion itself is comprised mostly of peridotite and dunite. There is insufficient bedrock exposure to map out zonation within the intrusion; however, where the basal contact is exposed a narrow (< 3 m wide) gabbroic phase commonly occurs. The gabbro is medium to coarse-grained, highly oxidized and often contains at least minor amounts of pyrrhotite and chalcopyrite. A quartz-carbonate alteration halo roughly 50 m wide envelopes the WRIC. It is derived from mafic-ultramafic rocks plus some of the adjacent wallrocks. Rocks within this halo have a fine-grained waxy grey to buff coloured matrix that weathers orange, and are commonly laced with thin quartz and carbonate veins. Fine disseminations of pyrite are present locally. Numerous small Ni-Cu-PGE sulphide showings occur along the basal contact.

The WRIC is poorly exposed on the east bank of the White River. Based on magnetic surveys and drill records, it is interpreted as being 250 to 600 m wide, striking at 120° and dipping steeply to the southwest. It is predominantly ultramafic in composition and

appears to possess a crude cumulate stratigraphy (Hulbert, 1997). A discontinuous gabbroic phase is developed along the basal (northeast) contact. This contact has been drill tested at relatively shallow depths at 60 to 120 m intervals along a strike length of 1.4 km. The only significant intersection was in hole VQ-7 which intersected 0.76% Ni and 0.24% Cu over 3.05m in the basal gabbroic phase of the intrusion.

At its southeast end of the WRIC appears to bifurcate, possibly due to folding, into two sill-like horizons.

5.2 Property Geology

5.2.1 Geology of the Canalask/ Pole area

The portion of the Canalask project area adjacent to the east bank of the White River is underlain by an east-southeast trending 200-metre thick unit of the WRIC. Year-2006 mapping indicates this is comprised primarily by peridotite with local relict olivines and trace sulphides, with a narrow gabbro unit along the north (footwall) contact. Footwall stratigraphy outbound of the gabbro unit consists of Station Creek Formation fine grained andesite, with limestone and quartz-carbonate altered units and an outcrop of chert identified roughly 200 metres north-northeast of the footwall contact (Map 3a). The Main and Footwall zones of the Canalask deposit are hosted by brecciated and altered albitized andesite tuffs intercalated with hornfelsed argillite and limestone units (Pattison, 2005). The narrow sedimentary units mapped in 2006 likely represent the eastern extension of the host unit of the Main Zone mineralized horizon.

The hanging wall area of the WRIC near the White River was not mapped in 2005 or 2006; however, earlier mapping has identified this as being underlain by Station Creek volcanics.

The WRIC unit was previously interpreted through airborne magnetic surveying to widen to the southeast, suggesting widths to 600 metres in the Pole area. The Pole grid, which extends from 1.5 to 3.2 km east-southeast of the Canalask deposit, underwent detailed geological mapping along newly cut grid lines extending across the interpreted southeast strike extension of the WRIC. This mapping led to discovery of a narrow east-southeast trending dunite unit in the western Pole grid area roughly along projected strike; this is the first known confirmed identification of ultramafic mineralization in this area. This unit is bounded to the south (footwall) side by Hasen Creek Formation chert and shale – mudstone fine clastic sediments, intercalated with abundant narrow gabbroic units that include crystal tuffs. The dunite unit was not identified southeast of L5200E (Map 4a).

Mapping results by Falconbridge Ltd. indicate that the northeastern portion of the grid is underlain by Station Creek Formation weakly chloritic andesitic tuffs and flows, commonly foliated, with localized horizons of carbonate alteration. Exposures to the northwest are sparse; however similar andesite, locally weakly mineralized, occurs along

"Nick Creek" (unofficial name) near L5200E, suggesting that Station Creek andesites comprise the footwall stratigraphy of the dunite unit.

Mapping also revealed that Hasen Creek sediments extend at least somewhat beyond L 6450E, and likely to L6650E. These include bedded limy conglomerate to limy sandstone units; an outcrop at L 5800E revealed east-west striking, steeply north dipping coarse limy clastic sediments, younging to the north. A unit of gabbroic tuff, including crystal tuff (Unit 4 on Map 4a) is designated as part of the Hasen Creek formation, due to similarity to small intercalated gabbro units within fine clastic sediments in western areas. Basalt – andesite tuffs to the south, locally moderately chloritic with localized epidote alteration, have been mapped as Nikolai Volcanics (Unit 6, Map 4a). A unit of andesite – basalt tuff (Unit 1), with a composition "intermediate" between Station Creek and Nikolai volcanics occurs roughly along the interpreted Hasen – Station Creek contact; this has not been designated to a specific pre-recognized formation.

All units except for the dunite show localized steeply dipping foliation, extending east-west to east-southeast, roughly paralleling stratigraphy, although dips extend variably to the north and south.

5.2.2 Geology of the Onion Block

The Onion project area, including all land along the White River Intrusive Complex between the White River and the northwest end of the claim block, is underlain by a continuation of stratigraphy at the Canalask deposit area. The WRIC itself occurs as a continuous northwest-southeast striking unit, roughly 150 – 200 metres wide in southeastern areas, which widens to about 300 metres in the area of the Onion showings. The stratigrapic setting is most pronounced in the Onion area, with the WRIC bounded both on the hanging and footwall sides by 10 to 20-metre wide zones of strong quartz-carbonate alteration, with calcite +/- quartz vein stockworking. The footwall zone occurs as a pronounced ridge, comprised mostly of altered andesite and minor gabbro of the WRIC. Station Creek Formation andesites extend farther, to the limit of exposure to the northeast (downhill). The southwest (hanging wall) side is comprised mostly of porphyritic, weakly chloritic Nikolai Formation basalt, with lesser limestone units.

Year-2005 and 2006 mapping by Falconbridge focused on the Pix showing area and the WRIC between the Onion SE and Sax showings (Map 3a). The WRIC remains unsubdivided in the Pix area, although some serpentinization occurs. However, it was mapped as dunite in the area between the Onion and Sax showings. An exposure within the footwall area just south of the Onion SE showing was mapped as "sediments". The gabbro unit within the WRIC was identified just southeast of the quartz-carbonate-altered horizon during 2005 mapping.

5.2.3 Geology of the Pic block

Limited mapping in 2006, largely of outcrops along small northeast-flowing streams, essentially confirmed earlier detailed good-quality mapping of the Pic block by Expatriate Resources and earlier workers. Previous mapping revealed that the WRIC, here primarily peridotite, occurs as a single unit about 125 metres wide in northwestern areas, which bifurcates into two narrow units, each roughly 30 – 50 metres wide, in southeastern areas (Map 5a). Host rocks along the footwall are primarily Station Creek Formation andesites. The southwest (hanging wall) side of the upper (southern) peridotite horizon consists of elongate units of limestone and argillite, within andesitic to basaltic volcanics. The sedimentary units suggest Hasen Creek formation stratigraphy, and thus a southeastern continuation of the host setting at the Canalask area.

All units strike northwest-southeast; however previous interpretation revealed the presence of tight folding, with several synclinal and anticlinal axes parallel to stratigraphic trend. An antiformal axis was interpreted to extend between the two ultramafic units, suggesting these are the two limbs of a single folded unit.

Year-2006 mapping along “Lunchbox Creek” (unofficial name) led to discovery of a small pyroxenite lens in hanging wall stratigraphy about 300 metres southwest of the southern horizon. No previous documentation of this is known. This occurrence suggests the possibility of more ultramafic horizons, likely narrow, in the Pic block. Mapping also revealed a chloritic gabbro unit about 75 metres to the northeast, along the footwall side of the aforementioned limestone unit. Mapping elsewhere confirmed previous mapping results.

5.2.4 Geology of the Ant Block

Preliminary geological mapping and compilation by the Yukon Geology Survey indicates that the property is underlain by a broad east-southeast trending package of early – mid Triassic Nikolai Formation basalt to andesitic flows, commonly amygdaloidal and locally feldspar porphyritic, intercalated with tuffs of similar composition (Map 2a). Several sizable sedimentary units, consisting of thin to medium bedded, locally thick-bedded, fine clastic sediments and lesser limestone including fossiliferous limestone occur within the volcanic package. The widest of these occurs along the western property boundary. A second sedimentary package occurs along the entire southern margin of the volcanic package, roughly paralleling the southern property boundary. Bedding in western portions of this unit strikes east-southeast, parallel to stratigraphy, and is steeply south dipping to vertical. However, bedding orientations vary considerably across the property, suggesting broad folding, locally apparent at outcrop scale.

At least two gabbroic units, designated as subvolcanic equivalents of Nikolai Formation volcanics, have been identified. One, occurring along Sanpete Creek in the extreme southeastern portion of the property, consists of melanogabbro bounded by amygdaloidal basalt with hematite and carbonate alteration. The other, occurring in the south-central

property area, extends roughly three kilometers ESE – WNW, and is at least one kilometer wide. Gabbroic rocks are commonly serpentinized, particularly along fault zones, resulting in a deep greenish-black colouration. Although melanocratic, the colour differs from the jet black colour of true ultramafic rocks. Minor but locally abundant north-south trending ultramafic dykes occur along “Marilyn Creek” (unofficial name).

A single granite stock, called the “Marilyn Creek stock” (unofficial name), occurs at the eastern end of the south-central gabbroic unit. This has been classed as a member of the mid-Cretaceous Kluane Intrusive Suite. Felsic dykes were previously mapped at the “Manson Brook” occurrence (also called the Chair prospect); however year-2006 mapping suggests the prospect is hosted by strongly silicified and argillically altered basalt, as diminishing alteration intensity reveals the host rock is recognizably basaltic.

A single exposure of olivine gabbro was noted about 0.5 km northwest of the Manson Brook occurrence. Atomic absorption analysis revealed weakly elevated nickel and strongly elevated chrome content, suggesting an ultramafic mineralogy. The “Yellow” showing was not located in 2006.

6.0 Deposit Types

Two deposit types comprise the focus of exploration in the White River Intrusive Complex area: deposits formed by "magmatic segregation" within a melt, and "epigenetic" hydrothermal and/or replacement style deposits. The former is typified by the Wellgreen deposit in the Burwash area; the latter is typified by the Main and Footwall zones of the Canalask deposit.

Magmatic cumulate deposits form during gradual precipitation of silicate and sulphide minerals from a mafic or ultramafic magma in a subsurface or surface environment. These may occur both as magma chambers (large, roughly spherical bodies) and as "feeders", which are narrow, elongate bodies formed from injection of magma into permeable environments that may or may not parallel pre-existing stratigraphy. The Wellgreen deposit is an example of the latter setting.

The parent magma is primarily of an "ultramafic" composition, with low silica and high magnesium and iron contents. Lithification from magma occurs progressively over time, commonly with discrete lithological zones that are increasingly magnesium and iron rich inbound from sill margins. A typical zonation, also observed at the Wellgreen deposit southeast of the project area, consists of marginal gabbro units, followed inbound by pyroxenite, peridotite and centered on dunite (> 90% olivine) units. Sulphide mineralization also may occur, and is "immiscible", prone to precipitation at specific times during dyke formation history. Important sulphide minerals are pyrrhotite (a barren iron sulphide), and chalcopyrite and pentlandite (copper and nickel sulphides respectively). Mineralized horizons are commonly enriched in platinum-group metals (PGMs), which can also occur within separate horizons, or "reefs".

More than 90% of the sulphide mineralization at Wellgreen occurs as disseminations within the marginal "footwall" gabbro zone (Hulbert, 1997), indicating that the sulphides precipitated at the same time as the gabbro. This footwall zone is within basal marginal areas of the sill, which is northwest-southeast striking and steeply west-dipping; thus footwall mineralization occurs along the northeast side of the sill. Mineralization is densest near the gabbro – footwall host-rock margin, decreasing progressively towards the interior of the dyke. Lenses of massive sulphide mineralization occur as well. The Wellgreen deposit hosts several major gabbro-hosted zones.

Epigenetic deposits consist of skarn and replacement style mineralization, as well as vein, fracture and breccia-hosted sulphides. Here, the metals and sulphur complexes are transported within hydrothermal fluids, which are essentially composed of metal ion-bearing hot water, usually with other impurities including silica, carbon dioxide and other vapour-based "volatiles". Under favourable conditions of structural preparation, most commonly fault or fracture zones or permeable rock units, these acidic fluids are able to migrate from the intrusive-host rock contact, causing formation of mineralized zones within favourable host rock depositional environments. If the host rock is calcareous,

"skarns" may form, with new minerals formed from the reaction of pre-existing calcareous minerals with silica-enriched fluids.

Replacement-style mineralization occurs within reactive rock units, most commonly with a calcareous matrix, including limestone units. Here, metal-bearing and alteration minerals have replaced pre-existing minerals, resulting from introduction of ion-rich acidic fluids and subsequent dissolution of the original minerals and emplacement of the introduced ions into the original mineral lattice, forming new minerals. Vein and fracture-hosted mineralization occurs in strongly fractured to brecciated host rock which is less reactive, restricting deposition to zones of pore space, and inhibiting the formation of pervasive mineralization.

Within the Kluane Mafic-Ultramafic belt, zones of epigenetic mineralization tend to occur within the footwall host rock, up to 200 metres from the ultramafic sill contact. The mineralized zones at Canalask occur within brecciated and fractured andesites, displaying characteristics both of skarn and replacement-style deposits as well as vein and fracture-controlled deposits. Ultramafic host rocks typically contain up to 0.2% silicate nickel, which has a strong affinity with chrome.

Observations and results of the 2005 field visits to the White River Intrusive Complex indicated that it has strong potential to host sizeable nickel – copper deposits. The WRIC is part of an enormous mafic-ultramafic open system, interpreted to be the feeder system for overlying Nikolai Volcanics flood basalts. The subdued internal zonation indicates a dynamic flow environment; the thick alteration halo suggests a large volume of ultramafic magma passed through it. Numerous moderate to high-tenor nickel sulphide showings occur along the length of the intrusion, indicating widespread contamination and sulphide segregation (Pattison, 2005).

7.0 Mineralization

7.1 Canalask area Mineralization

Two major zones of fracture-controlled to massive and semi-massive nickel-copper sulphides, the Main and Footwall zones, comprise the Canalask deposit.

The Main Zone occurs roughly 150 – 200 metres north of the footwall contact of the WRIC within altered albitized andesitic tuffs, intercalated limestone and hornfelsed argillite. The zone is estimated to contain 390,235 tons of 1.35% Ni (T. Antoniuk, 1968, FL file R-11664), although Hulbert (1997) suggests that, with dilution factored in, a conservative resource estimate is of 1,800,000 tonnes grading 0.86% nickel. The mineralization is structurally controlled and consists of disseminated, vein, fracture and breccia fillings and semi-massive to massive irregular replacement-style pyrrhotite, pyrite, chalcopyrite and pentlandite. Nickel is concentrated in disseminated and to a lesser extent fracture-controlled sulphides. Massive sulphides however typically contain some copper but very little nickel.

Sulphide mineralization in the Canalask area tends to be slightly enriched in gold; a setting typical of replacement style mineralization. Year-2006 sampling by Falconbridge revealed low chrome values with high nickel values, suggesting that mineralization is epithermal, rather than magmatic. The Canalask deposit hosts background PGM values.

The parallel Footwall Zone is located about 50 metres north of the Main Zone. It is roughly similar in style to the Main Zone but the intensity of mineralization is weaker (Pattison, 2005).

A showing of high grade copper mineralization occurs about 300 metres to the east along strike of the Main Zone. Much of the footwall contact of the WRIC east of the Canalask, as well as the footwall stratigraphy directly east of the Canalask deposits, was drilled by the Nickel Syndicate in 1973. Only Hole VQ-7 (Falconbridge files R-11671 and R-11673) intersected substantial mineralization, grading 0.76% Ni and 0.24% Cu over 3.05 metres, including 0.12 metres grading 1.32% Ni and 0.32% Cu. The mineralization occurs at the footwall contact of the WRIC in the marginal gabbroic phase of the intrusion. This is important, as it signifies a Wellgreen-like magmatic setting rather than a Canalask style epigenetic setting.

7.2 Pole Area Mineralization

No actual nickel-copper occurrences have been identified on the Pole grid, although fairly abundant pyroxenite and peridotite float occurs along the length of Nick Creek. A piece of mineralized float found in the Pickhandle area by Canalask Nickel Mines in

1953 and now covered by the Pole grid assayed 0.56% Ni and 6.55% Cu (Falconbridge file R-11659). Follow-up work in 1954 failed to locate further mineralization.

A soil geochemical grid designed to test the east-southeast extension of the dunite horizon (Section 5.2.1) failed to delineate its extension. However, it identified a moderate coincident nickel-chrome +/- copper anomaly along the southwestern ends of the surveyed portions of Lines 5600E through 6650E, roughly from 5600N through 5750N (Maps 4b-d). These are associated with a very slight palladium enrichment, with values exceeding 0.01 g/t. Samples along L 6200E, from 5650N through 5750N showed elevated sulphur content, utilizing the S-IR08 analytical method, ranging from 0.28 to 0.31%, although sulphur values utilizing the ME-ICP-61 method showed no significant sulphur elevation (Appendices 4 a-d). Much of this area is covered by muskeg along a northeast trending slope, suggesting the anomaly may also have been transported a short distance downslope from its source to the southeast.

A second nickel anomaly in soil was identified along L5800 E from 5950N through 6100N, open to the north. Here nickel values are again coincident with high chrome values and weakly elevated palladium values, suggesting an ultramafic horizon. However, background sulphur values were returned and the anomaly does not extend onto neighbouring lines. The anomaly is coincident with some pyroxenite float, and a silt sample from Nick Creek returning 231 ppm Ni.

Silt sampling revealed anomalous nickel values along the entire extent of Nick Creek. The most upstream sample, taken along L 6650E, returned 360 ppm Ni and 1480 ppm Cr, indicating a source farther upstream to the southeast. The ultramafic horizon is likely to extend beyond the southeast limit of the Pole grid.

A composite grab sample of quartz vein rubblecrop collected by Falconbridge at about 5250E, 6400N returned a value of 0.726 g/t gold.

Polestar Exploration Inc. collected talus and soil samples from the area in 1987. Talus samples contained up to 2,142 ppm Ni and soil samples contained up to 1,260 ppb Au and 2,250 ppm Ni (Pattison, 2005).

7.3: Onion Block Mineralization

The Onion block hosts numerous documented small magmatic sulphide occurrences, hosting massive to disseminated sulphides. From northwest to southeast, the major ones are: the Onion NW, Discovery, Onion SE, Sax, Pix, Cessna, Cessax and Polestar showings (Map 3a). The historic summaries are by J. Pattison (2005).

Onion NW

Little information is available for the Onion NW showing. It is described as consisting of thin (<10 cm thick) bands of semi-massive to massive, weakly foliated bands of

pyrrhotite, pentlandite and chalcopyrite in the marginal gabbroic phase of the WRIC. No geochemical information is available and the location of the showing is very approximate. Geologists from Uravan Minerals, the last company to work the area, were unable to locate it (Pattison). The showing was not visited by Falconbridge in 2005 or 2006.

Discovery

A small section of deeply weathered marginal gabbro is exposed over an area of about 10 square metres. The gabbro contains thin (<10cm) bands of semi-massive pyrrhotite, pentlandite and chalcopyrite. The showing has been blasted; a sample of fly-rock with massive sulphides (28.1% S) assayed 4.69% Ni, 0.60% Cu, and 6.82 g/t total PGMs.

Chip sampling in 2005 returned nickel values from 1,295 Ni with 105 ppm Cu, to 19,000 ppm (1.90%) Ni with 6,550 ppm (0.665%) Cu. Sampling also revealed strongly anomalous platinum values, ranging from 46 to 1,150 ppb Pt, similarly anomalous palladium values from 11 to 3,390 ppb Pt, most commonly in the 200 through 1,675 ppb range, and anomalous gold values from 3 to 116 ppb Au. A sample from a small sulphide occurrence about 40 metres into the footwall returned an elevated copper value of 300 ppm with background nickel and PGM values.

Onion SE

The showing consists of strongly sheared and altered mafic-ultramafic rocks containing malachite and minor limonite staining but no visible sulphides. Samples from the showing collected by Uravan Minerals in 2001 contain up to 6.96% Ni, 0.02% Cu, trace PGMs, 3.08 g/t Au and only 0.10% S. Polished section studies indicate that the nickel is hosted in niccolite (Pattison, 2005). Sampling in 2005 between the Onion SW and Sax showings returned nickel values in the 0.20% range, consistent with silicate nickel.

Sax

The showing occurs atop a long ridge that is perpendicular to the WRIC. A hand excavated trench on the ridge exposes the marginal gabbro phase of the intrusion and the adjacent quartz-carbonate alteration halo. The gabbro is not as strongly oxidized as it is at the Discovery showing and minor disseminated and net-textured sulphides to 1 % occur. A 2.10 m chip sample across the gabbro averaged 0.35% Ni, 0.09% Cu, 0.16 g/t Pt and 0.32 g/t Pd (Pattison, 2005).

Pix

The showing consists of a small outcrop where the footwall contact of the WRIC is exposed over a strike length of about 5 m. A 0.8 m chip sample across the contact assayed 0.45% Ni, 0.10% Cu, 0.22 g/t Pt and 0.63 g/t Pd. The sample contained 1.87% S (Pattison, 2005). Numerous samples were obtained of ultramafic material in 2006

returning typical silicate nickel values of about 0.25% Ni, with low copper values and weakly elevated platinum and palladium values.

Cessna

Limonitic gabbro in contact with quartz-carbonate altered footwall rocks is exposed at the Cessna showing. A 4.0 m chip sample across the contact assayed 0.21% Ni, 0.18% Cu, 0.14 g/t Pt, and 0.63 g/t Pd (Pattison, 2005). This showing has not been visited by Falconbridge Ltd.

Cessax

The showing is located in extremely steep terrain and consists of limonitic gabbro at the footwall of the WRIC. A grab sample of the gabbro assayed 0.38% Ni, 0.08% Cu, 0.35 g/t Pt, 0.41 g/t Pd and 0.04% S (Pattison, 2005). This showing has not been visited by Falconbridge Ltd.

Polestar

A 1.5 m chip sample of leached and oxidized gabbro near the footwall contact of the WRIC assayed 0.21% Ni, 0.18% Cu, 140 ppb Pt and 420 ppb Pd (Pattison, 2005). This showing has not been visited by Falconbridge Ltd.

Year-2006 exploration led to discovery of several small skarn or replacement-style occurrences, one with a copper value exceeding 1.0%, within Station Creek footwall andesites. These likely represent epigenetic Canalask-style mineralization.

7.4: Pic Block Mineralization

In 1987, Silverquest Resources conducted prospecting and soil sampling surveys over the present Pic project area. There were many weak to moderately anomalous Pt (20-50 ppb), Pd (20-35 ppb) and Ni (100-2,220 ppm) values in the soil results. Elevated nickel values are coincident with the peridotite horizon, and likely represent silicate nickel. Grab samples of serpentinized peridotite with up to 2% disseminated pyrrhotite contained up to 3,100 ppm Ni, 500 ppm Cu, 75 ppb Pt, and 160 ppb Pd. A specimen of mineralized volcaniclastics with pyrrhotite and chalcopyrite assayed 1.2% Cu but its location was not documented.

Numerous small chalcopyrite-pyrrhotite occurrences were previously mapped and are shown in the Pic block compilation map (Pattison, 2005, Map 5a). These apparently represent both magmatic-style and epigenetic, Canalask-style mineralization. Sampling of the small pyroxenite pod revealed moderately elevated copper values, well above copper values in unmineralized pyroxenites. Year-2006 prospecting of the known peridotite units along Lunchbox Creek led to discovery of a small limonitic occurrence

also returning elevated copper values. Nickel values here are somewhat higher than those of unmineralized ultramafic units and platinum and palladium values are moderately anomalous. Sulphur levels attain values of 2.49%, indicating this is an occurrence of magmatic mineralization, although very small (Appendix 5b-d). No other occurrences were evaluated in 2006.

7.5 Ant Block Mineralization

No obvious ultramafic-hosted mineralization or sizable ultramafic boulders were identified, although minor vein-hosted and disseminated chalcopyrite occurs throughout the property.

Two occurrences with the potential to host sizable gold occurrences were discovered. One of these, the Marilyn Creek Stock, has undergone moderate to strong orange ankeritic alteration and pyritization, and hosts abundant quartz veining which is commonly chalcopyrite-bearing. Granite boulders showing vein or fracture-controlled silicification and pyritization were located along Marilyn Creek. Placer claim posts and minor past workings indicate the creek had undergone exploration for placer gold, within, but not upstream, of the stock.

The other occurrence is the “Manson Brook occurrence”, consisting of strongly silicified, argillically altered and limonitic basaltic flows along the eastern flank of Chair Mountain. Minor chalcopyrite-bearing occurrences exist within the broad alteration package, and within basaltic rocks along the northern margin. The Manson Brook occurrence occurs as two steep slopes separated by a flat bench (hence the “chair”), indicating a wide although linear, east-west trending unit. This unit is up to 150 metres wide and extends at least 300m east-west, although exposures of similar alteration several hundred metres farther west suggest a much greater strike length. A pronounced glacial moraine of similarly mineralized boulders extends east to Sanpete Creek.

8.0 Exploration Program

The 2006 exploration program consisted of line cutting of the Pole grid, cut line refurbishment of the Canalask and part of the Onion grid, and "UTEM-3" electromagnetic surveying of these three grids. The program also included detailed geological mapping of most of the Pole grid, soil sampling at a 50-metre station spacing along central portions of this grid, and some silt sampling. Some mapping and rock sampling was done near the Canalask deposit area.

On the Ant block, the program consisted of reconnaissance-style silt sampling and geological mapping along most major streams. Silt samples were taken at 250-metre spacings along the main streams, and of larger tributaries sufficiently upstream from the confluence to avoid contamination. Some detailed mapping and sampling were done at the Marilyn Creek stock and the Manson Brook occurrence; at the latter, two short soil sampling lines with a 25-metre station spacing were completed across each of the steep slopes.

Limited geological mapping, prospecting and rock sampling was done on the Pic block, as well as silt sampling of many of the small north-east flowing streams. Rock sampling and limited geological mapping and silt sampling was also done on the Onion block in 2006.

Table 2 lists surface work done in 2006 per project area. The following sections describe detailed work programs and results per project area.

Table 2: 2006 Work Performed, White River Nickel Project

Project Area	Line Cutting (km)	Line Refurbishment (km)	UTEM Surveying (km)	No. of Rock Samples	No. of Soil Samples	No. of Silt Samples
CanAlask/Pole	16.65	26.80	35.275	30	159	7
Onion		11.05	11.050	40		10
Pic				26		24
Ant				68	14	210
Totals	**16.65**	**37.85**	**46.325**	**164**	**173**	**251**

8.1 Exploration Programs by Project Area

8.1.1 2006 Exploration, CanAlask/Pole Project area

Year-2006 exploration at the Canalask area consisted of refurbishment of 26.80 line kilometers of previously cut line, followed by 22.35 line kilometers of UTM electromagnetic surveying. The program included limited geological mapping and some

rock sampling, the latter focusing on due-diligence sampling of surface expressions and small tailings piles of the Main Zone of the Canalask deposit. Grab sampling returned nickel values from 139 ppm to 4.08% nickel with background PGM values and background to slightly elevated gold values. Sampling of peridotite within the WRIC 200 to 300 metres to the south returned chrome and nickel values typical of unmineralized ultramafic rocks, although PGM values are elevated, ranging from 0.027 to 0.094 g/t platinum (Pt) and 0.035 to 0.208 g/t palladium (Pd). PGM values appear to increase in sheared material, suggesting some remobilization.

Some rock sampling was also done at an epithermal sulphide showing about 300 metres along strike of the Main zone; these returned copper values of 27,500 ppm (2.75%) and 1,335 ppm respectively with background nickel and PGM values and weakly elevated gold values (Appendices 4a-d).

The UTEM-3 electromagnetic survey revealed a weak conductor extending east-southeast across the south-central portion of the Canalask grid. The largest response is found towards the centre of the grid, on lines 10488E through 10998E (Map 3a); this becomes less conductive both to the east and west. Preliminary interpretation by Lamontagne Geophysics suggests this conductor occurs about 300 metres below surface and dips at 20^{o} to the south-southwest.

Plotting of this conductor onto existing geological maps indicates it extends east-southeast almost directly from the Main Zone of the Canalask deposit. The western end of the strongest portion, at L 10448, is slightly north of Hole VQ-7, which returned 0.76% nickel and 0.24% copper within the gabbroic footwall horizon of the WRIC. Several holes drilled nearby along the footwall contact of the WRIC in 1997 by Expatriate Resources returned elevated copper and nickel values, of which Expatriate concluded that much of the nickel occurs in silicate form and is thus unrecoverable (Carne, 1997). However, Hole 97-076, collared about 70m to the east, intersected a 9.00m interval returning 0.30% Ni and 0.12% Cu (Carne, 1997), the latter indicating sulphide mineralization.

At the contiguous Pole project area, 16.65 kilometers of line was cut, forming the Pole grid, which then underwent 12.925 line kilometers of UTEM surveying. Soil sampling using a 50-metre station spacing was done along lines 5000E and 5200E from BL 5000N to 5750N and 6000N respectively, and along central portions of Lines 5400E through 6650E respectively. This was done to identify the potential southeast extension of the dunite horizon (Sections 5.2.1 and 7.2) within the west-central portion of the grid. No anomalous geochemical signature signifying continuation of the dunite was detected; however, the survey identified a moderate coincident copper-nickel-chrome anomaly along the southwestern ends of the surveyed portions of Lines 5600 through 6650E, roughly from 5600N through 5750N (Maps 4b-d). Values here range from 106 ppm Ni with 223 ppm Cr to 435 ppm Ni with 706 ppm Cr respectively. These are associated with very slight palladium enrichment, with some values exceeding 0.01 g/t. Weakly elevated copper values from 67 to 155 ppm were returned from the southwestern sampled limits of Lines 5600E and 6200E respectively. Results of sampling along L 6200E, from 5650N

through 5750N showed elevated sulphur content, utilizing the S-IR08 analytical method, ranging from 0.28 to 0.31%, although sulphur values utilizing the ME-ICP-61 method showed no significant sulphur elevation (Appendices 4 a-d). The anomaly occurs along a moderately south-east dipping slope, with muskeg and permafrost cover; metal values may be subdued and may have been transported a short distance from the southeast.

A second nickel anomaly in soil was identified along L5800 E from 5950N through 6100N, open to the north. Here, nickel values are again coincident with high chrome values and weakly elevated palladium values, suggesting an ultramafic horizon. Nickel values ranged from 349 ppm Ni with 700 ppm Cr, to 392 ppm Ni with 546 ppm Cr. Platinum and palladium values were above background, ranging from 0.006 to 0.011 g/t Pt and 0.014 to 0.017 g/t Pd. However, background sulphur values were returned and the anomaly does not extend onto neighbouring lines. The anomaly is coincident with some pyroxenite float, and a silt sample from Nick Creek returning 231 ppm Ni.

The UTEM survey across the Pole grid revealed a weak conductor extending northwest-southeast. This has been interpreted as representing a flat lying to weakly south-dipping conductor, with a more abrupt contact along the northeastern side (Lamontagne summary report, 2006). Plotting of this shows that its western end coincides exactly with the dunite unit along L5200E (Map 4a). Farther southeast, the conductor has a strong correlation with the northern limit of the coincident Ni-Cr +/- Cu anomaly delineated from soil sampling. This is most pronounced along L5600E and lines 6000E through 6650E, although the soil anomaly extends somewhat further north, possibly due to downslope transport (Maps 4b-d). The conductor is almost exactly coincident with Nick Creek (unofficial name) along lines 6450E and 6650E; an outcrop of strongly silicified brecciated basalt was located in 2006 along Nick Creek somewhat west of L6650E (Map 4a).

Plotting of the conductors on the Canalask and Pole grids indicates these are separate features, with the western end of the Pole conductor located about 500 metres south of the eastern part of the Canalask conductor. The Pole conductor extends across the entire Pole grid, likely extending beyond grid boundaries.

These conductors were identified through responses in the early time channels; late time channels were less responsive, suggesting the anomalies are very weakly conductive. This is particularly true in the Pole grid, where the proposed GPS survey was not done, resulting in large Channel 1 responses possibly due to geometrical errors (see Appendix 6, Lamontagne Geophysics).

8.1.2 2006 Exploration, Onion Project area

Year-2006 exploration consisted of 11.05 kilometers of picketed and cut line refurbishment, and 11.05 kilometres of UTEM surveying. Rock sampling was also done across the WRIC, mapped as dunite, somewhat south of the Onion SE showing. Results revealed background copper, and chrome and nickel contents suggesting silicate

mineralization. PGM values were elevated, ranging from 0.017 g/t Pt with 0.011 g/t Pd to 0.107 g/t Pt with 0.069 g/t Pd.

Sampling of dunite and peridotite within the WRIC roughly 400 metres northwest of the Sax showing also returned background copper with chrome and nickel contents suggesting silicate mineralization. PGM values ranged from 0.008 g/t Pt with 0.006 g/t Pd to 0.028 g/t Pt with 0.015 g/t Pd. Sampling of ultramafic rocks in the Pix area returned similar values to the above, with PGM values ranging from 0.020 g/t Pt with 0.013 g/t Pd to 0.087 g/t Pt with 0.096 g/t Pd.

Several small epigenetic mineralized occurrences were located in 2006 in the footwall andesites. Sampling returned a copper value of 2.01% from the same sample mentioned at the end of Section 7.3.

The UTEM survey, consisting of two loops along the WRIC, identified a weak conductor with similar characteristics to the Canalask conductor. A conductive feature extends northwest-southeast along both grids, again with a shallow southwest dip and a more abrupt northern contact. The conductor disappears beyond L2000N, near the northwest property boundary, and becomes less conductive south of L500S (Figure 3a, Appendix 6).

Plotting of the UTEM results suggest this is a single continuous conductor, extending roughly along the hanging wall side of the WRIC, about 200 metres southwest of the footwall contact hosting the known magmatic occurrences. The Lamontagne report concludes that the conductors occur about 300 metres below surface, and that responses are sufficiently conductive to suggest a long, slender shape of the conductive body. Again, late time channels were less responsive, indicating a weak conductor on the Onion grid.

8.1.3. 2006 Exploration, Pic Project area

Year-2006 prospecting of the known peridotite units along Lunchbox Creek led to discovery of a small limonitic occurrence also returning elevated copper values. Nickel values here are somewhat higher than those of unmineralized ultramafic units, ranging from 2,300 ppm Ni with 433 ppm Cu, 0.037 g/t Pt and 0.056 g/t Pd, to 2,900 ppm Ni with 547 ppm Cu, 0.037 g/t Pt and 0.043 g/t Pd (ME-MS81 ICP analytical technique). Re-analysis of the same samples using the AA-61 atomic absorption technique returned values of 2,090 ppm Ni with 173 ppm Cu, 0.047 g/t Pt and 0.061 g/t Pd to 3,750 ppm Ni, 610 ppm Cu, 0.035 g/t Pt and 0.046 g/t Pd. A sample taken somewhat downstream returned 0.071 g/t Pt and 128 g/t Pd. Sulphur levels attain values of 2.49%, indicating this is a very small magmatic occurrence (Appendix 5b-d).

Sampling by the ME-MS81 ICP technique of the small pyroxenite lens discovered in 2006 returned 2,120 ppm nickel, typical of silicate mineralization, but with 390 ppm Cu,

0.050 g/t Pt and 0.083 g/t Pd. Re-sampling by the AA-61 atomic absorption technique returned values of 2,200 ppm Ni, 246 ppm Cu, 0.037 g/t Pt and 0.047 g/t Pd respectively.

Sampling of the peridotite horizon about 1.0 kilometres to the south returned silicate-level nickel values, with slightly elevated copper values from 136 to 201 ppm Cu, and PGM values from 0.023 g/t Pt with 0.029 g/t Pd to 0.032 g/t Pt with 0.056 g/t Pd.

Silt sampling throughout the property area returned background to weakly elevated nickel and copper values, and near-background to background PGM values.

8.1.4 2006 Exploration, Ant Project area

Silt sampling at the Ant block revealed one trend of weakly anomalous nickel, chrome and copper values along a small creek east of Beaver Creek (Maps 2b-e, Appendix 2c). Nickel values ranged from 104 to 249 ppm, copper values ranged from 134 to 186 ppm, and palladium values ranged from 0.010 to 0.064 g/t. Platinum values were mostly <0.005 g/t, with one exception grading 0.023 g/t. This is the only notable potential ultramafic signature returned from the silt sampling on the Ant block. Fairly high background values of chrome and copper elsewhere likely result from a Nikolai Volcanic basaltic origin. A single rock sample from an exposure of olivine gabbro about 0.5 km northwest of the Manson Brook occurrence returned 319 ppm Ni with 673 ppm Cr by "AA-61" atomic absorption analysis, suggesting a possible ultramafic signature.

Silt sampling returned several strong gold anomalies. The most notable occurs downstream of the Manson Brook occurrence, where intermittent high values to 0.741 g/t Au were returned. Abundant glacial moraine material extends from the Manson Brook occurrence to Sannpete Creek, comprising a partial source for these anomalies. Rock sampling of the occurrence itself returned near-background metal values, with the exception of a rubblecrop sample of quartz vein float, which returned 0.402 g/t gold. Copper values are locally elevated, ranging from 8 to 819 ppm. Soil sampling directly across the steep mineralized faces returned weakly anomalous gold values, ranging from 0.003 to 0.036 g/t gold with background to 1.1 g/t silver values respectively.

At the Marilyn Creek stock, a composite grab of intrusive-hosted quartz vein material with minor copper mineralization in rubblecrop returned 1,485 ppm copper with 504 ppm arsenic. All other samples in the area returned low metal values. Sampling of serpentinized melanogabbro along stock margins returned low nickel and chrome values, indicating the gabbro is not part of the WRIC. One silt sample downstream of the stock returned 0.183 g/t gold; all others returned background gold values.

Two other gold-in-silt anomalies were identified; one in a small stream along the southwest property boundary, suggesting a source just within the property boundary, and the other along the lower reaches of Sanpete Creek in the northeastern property area. A small vein-style sphalerite occurrence is located just upstream of the aforementioned gold occurrence along the southwest property boundary. A composite grab sample of a small

quartz-carbonate vein in outcrop along Sanpete Creek in the northeastern property area returned 2,330 ppm copper.

8.2 Personnel

The following personnel were involved with the White River project:

Falconbridge Ltd:
- Gordon Maxwell, Regional Geologist
- Richard Nieminen, HBSc: Project Geologist
- Mark Shore, Phd: Senior Project Geophysicist and co-manager
- Chris Cockburn, HBSc: Field Geologist and co-manager
- Brian Rowsell: Field Technician, prospector
- Ian Hamilton: Field Technician
- Neil Van Wychen: Seasonal Field Assistant

All-Terrane Mineral Exploration Services:
- Carl Schulze, BSc, PGeo: Field Geologist and Qualified Person
- Martin Paquette, Field Technician

Lamontagne Geophysics Ltd:
- Owen Fernley: Crew Chief
- Richard Lahaye: Co-chief
- Andrew Ward: Technician
- Allan George: Technician

Line Cutting Services were provided by Coureur de Bois Ltd. of Whitehorse, Yukon, and managed on site by Francios Chretian.

Helicopter services were provided by Kluane Helicopters Ltd. and Guardian Helicopters.

9.0 Sampling Method and Approach

All geochemical sampling was subject to rigorous parameters, including detailed descriptions of each sample. Rock samples were obtained using a 22-oz Estwing rock hammer, and located in the field using a non-differential Global Positioning System (GPS) instrument. Samples were placed in plastic bags designed specifically for rock sampling. A tag with the unique sample number, supplied by ALS Chemex Labs, was placed in the bag; the sample number was written on both outsides of the bag using "Magic Markers". The sample numbers were also written on small metal tags using "scribes" or pens; the tags were attached to the sample locations in the field.

Rock samples were recorded as to location (UTM - NAD 83), sample type (grab, composite grab, chip, etc), exposure type (outcrop, rubblecrop, float, etc.), formation, lithology, modifier (for textural or structural descriptions), colour, degrees of carbonate presence and silicification, other alteration if applicable, economic mineralization including estimated amounts, date, sampler and comments (Appendix 2). Descriptions included type of analysis (i.e. Whole Rock vs. ICP). Chip samples were taken in areas of outcrop exposure to improve sample representability. Minimum sample weight was 0.5 kg, although samples tended to be larger than this.

Silt samples were also described as to location (UTM-NAD 83), percent fines, colour, stream grade, stream width, date, sampler, and comments, including type of sample; silt samples include mossmat samples.

Soil samples were recorded as to location (UTM – NAD 27 location), horizon, depth, slope angle, colour, presence of permafrost, vegetation type, surficial geology, fragment lithology (if known), percent organics, date, sampler and comments. If a particular parameter could not be determined, particularly fragment lithology, no record was made. Samples were preferably taken of B-horizon material, although sampling of A horizon soil was done where B-horizon material was unavailable. This was preferable to omitting the sample. Minimum original sample weight was 0.25 kg. Sample numbers supplied by ALS Chemex Labs were written with a scribe or pen and tied on to the station picket. Samples were placed in kraft bags, with a tag supplied by ALS Chemex showing the unique sample number placed in the bag, and the sample number written in "Magic Marker" on both sides of the bag. The bags were then dried as much as possible before shipping. Minimum weight of soil and silt samples was 0.25 kg, although most were heavier than this.

Variability in results of soil sampling may be caused by depth of overburden, slope angle, and outcrop exposure, with lower values expected in flat areas with thick overburden.

Field data was entered into Microsoft Excel spreadsheet format, and later matched with analytical results. This process was continually re-checked to ensure that sample descriptions are associated with the correct results.

The author cannot verify the adequacy and quality of historical sampling, sample preparation, security and analytical procedures for work performed before 2004; the author was not involved in past exploration.

10.0 Sample Preparation, Analysis and Security

All rock samples were placed in thick plastic industry standard sample bags, sealed with thick plastic serrated "Zap Straps" and sent in a similarly sealed rice bag to ALS Chemex Labs of North Vancouver, B.C., a certified analytical laboratory. Sealed rice bags were personally handed to the courier, Greyhound Bus Lines, by the qualified person or company representative, and were delivered by the courier directly to ALS Chemex. All rock samples were crushed to ensure that a minimum of 70% of the material was less than 2.0 mm in size; this material was thoroughly mixed. From this, a 250g sample was pulverized to 75-micron size; then a 50-gram sample of this underwent fire assay analysis with atomic absorption finish. This technique provides gold analysis ranging from 0.001 to 10.0 g/t gold.

Soil and silt samples were screened to 180-micron size (minus-80 mesh); the fine fraction then underwent gold analysis by 30-gram fire assay with ICP – AES finish, providing a detection limit of 0.001 g/tonne. Individual samples were placed in "kraft bags" and also sealed with a "Zap Strap"; samples were placed in properly labeled rice bags, also sealed with a "Zap Strap", and shipped to ALS Chemex in the same manner as rock samples.

Several analytical techniques were employed on rock samples, depending on the information required. Many rocks were subject to a package including 6-element atomic absorption technique (ALS Chemex: AA-61), analyzing for arsenic (As), vanadium (V), copper (Cu), chrome (Cr), cobalt (Co) and nickel (Ni). The package also includes analysis of sulphur (S-IR08) and gold (Au), platinum (Pt) and palladium (Pd) by ICP analysis (PGM-ICP23). Values exceeding 1.0% for Cu and Ni were re-analyzed by the AA-62 method.

The other major package for elemental analysis of rock sampling was the ME-MS81 package, which involved analysis of Au, Pt and Pd by PGM-ICP23, S by IR08, and of Ag, Ba, Be, Co, Cr, Cs, Cu, Dy, Er, Eu, Ga, Gd, Hf, Ho, La, Lu, Mo, Nb, Nd, Ni, Pb, Pr, Rb, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn and Zr by ME-MS81.

Samples selected for whole rock analysis (ME-XRF06) were analyzed for percentage amounts of SiO_2, Al_2O_3, Fe_2O_3, CaO, MgO, Na_2O, K_2O, Cr_2O_3, TiO_2, MnO, P_2O_5, SrO, BaO, LOI (Loss on Ignition), and include total percent. All samples undergoing whole rock analysis also underwent one of these two elemental analytical suites, with a few samples analyzed using both techniques for comparative purposes. Not all rock samples underwent whole rock analysis.

All soil and silt samples underwent 33-element ICP analysis to test for abundances of Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Ti, Tl, U, V, W and Zn, and S by IR-08, and Au, Pt and Pd by PGM-ICP23.

ALS Chemex provides comprehensive in-house quality-control, using numerous blanks to test for any potential contamination, confirming that no detectable contamination has occurred. ALS Chemex also conducts repeated in-house standard sampling for all elements involved in ICP analysis and gold to determine accuracy of analysis. The lab also incorporates more limited analysis of standard samples with known element concentrations provided by several outside firms.

11.0 Data Verification

Much of the geological mapping and geochemical sampling on the Canalask deposit and the Onion and Pic project areas was essential due-diligence style exploration. In all cases, samples obtained were comparable to historic values, although nickel, copper, palladium and platinum values were lower than the peak values historically documented. The most notable due diligence was performed in 2005 when 13 chip samples were taken of the Discovery showing of the Onion block. These returned values from 399 to 6,550 ppm Cu, 1,440 through 19,000 ppm Ni, 134 to 741 ppb Pt and 246 to 3,390 ppb Pd, confirming high metal tenors at the small showing.

Sampling of tailings from the Main Zone of the Canalask deposit returned nickel values from 139 to 40,800 ppm (4.08%) nickel, confirming the presence of nickel.

Several rock samples on the Pic block were analyzed both by Atomic Absorption (AA61) and ME-XRF06 techniques. Sample results were similar, although copper and nickel values returned from the AA61 technique tended to be slightly higher, with no clear relationship for PGMs.

12.0 Adjacent Properties

There are no adjacent properties to the three main claim blocks comprising the White River Nickel project. However, the target deposit setting is based on the Wellgreen deposit to the southeast, held by Coronation Minerals. This deposit was formed by magmatic segregation of immiscible sulphides, with the majority occurring as disseminated to semi-massive nickel-copper sulphides within the footwall gabbros, and as massive sulphide lenses largely in the gabbro.

A 1989 independent resource estimate stated that proven and probable reserves stood at 50.03 M tonnes grading 0.36% Ni, 0.35% Cu, 0.54 g/t Pt and 0.34 g/t Pd (Website, Coronation Minerals). This estimate was released prior to establishment of current resource estimate standards under National Instrument 43-101, does not distinguish between resource categories, has not been substantiated by Falconbridge Ltd or Xstrata plc, and should not be relied upon. However, no direct evidence exists to refute these estimates.

13.0 Mineral Processing and Metallogenic Testing

No known mineral processing or known metallogenic testing has occurred on the Canalask property.

14.0 Mineral Resource and Mineral Reserve Estimates

A 1968 resource estimate of the Main zone of the Canalask deposit estimated a resource of 390,235 tons of 1.35% Ni (T. Antoniuk, 1968, FL file R-11664), although the statement does not attempt to categorize this resource base. Hulbert (1997) suggests that, with dilution factored in, a conservative estimate is of an "ore reserve" of 1,800,000 tonnes grading 0.86% nickel. These estimates were released prior to establishment of current resource estimate standards under National Instrument 43-101, do not distinguish between resource categories, have not been substantiated by Falconbridge Ltd or Xstrata plc, and should not be relied upon. However, no direct evidence exists to refute these estimates. No record of the methodology of the resource calculation was available.

This resource is likely sub-economic, due to its fairly remote location and lack of present available infrastructure, with the exception of the Alaska Highway. There is sufficient land available for provision of mine workings, tailings ponds and other cultural developments, assisted by moderate terrain.

The present adit may result in acid mine drainage into the White River; a separate access would have to be constructed in the event of production. A socio-economic agreement has not been reached with the White River First Nation.

15.0 Other Relevant Data and Information

No other relevant data or information was involved in compilation of this report. The report was based largely on compilation by J. Pattison of available assessment reports, and on conversations with Messrs. Steven Israel and Don Murphy of the Yukon Geology Program.

16.0 Interpretation and Conclusions

16.1 Interpretations

Falconbridge Ltd acquired the Canalask property and staked the additional claims in the area, including the ANT and PIC blocks, because it believed in the area's potential to host an economic nickel-copper-PGE deposit. The Kluane Mafic-Ultramafic Belt, which hosts the White River Intrusive Complex (WRIC), has been interpreted as an ultramafic intrusion and the feeder system for the overlying Nikolai basalt. The WRIC shows a relative lack of internal zonation, suggesting a dynamic internal environment. It consists of outer gabbroic margins grading into an olivine-rich core. There is a well developed alteration halo within enclosing volcanic and sedimentary rocks, suggesting a sustained heat flow and that a large volume of ultramafic magma moved through the system (Pattison, 2005). There are numerous previously known Ni-Cu-PGE occurrences along the footwall of the WRIC in the Onion project area.

No new nickel sulphide occurrences were found during the 2006 field program. However, this is partly due to limited detailed geological mapping, prospecting and rock sampling, except for the Pole project area. Results of the UTEM-3 electromagnetic survey were also received after the field program. The UTEM-3 survey revealed a northwest-southeast trending conductive feature interpreted as occurring at a depth of about 300 metres, gently south dipping with a more abrupt northeastern edge. The trace of this conductor occurs roughly along the hanging wall of the WRIC, although magmatic mineralization to date has been discovered along the footwall, largely within a basal gabbro unit. This discrepancy may be attributable to the southwest dip of the WRIC, which would result in an apparent southwest "offset" at depth of the conductor trace on surface. However, the WRIC is steeply dipping, contrasting with the interpreted very shallow southwest dip of the conductor. No conductive feature is associated with the footwall zone along surface, despite the presence of several small magmatic sulphide occurrences.

In a 1997 assessment report, Expatriate Resources stated that anomalous geophysical responses from airborne magnetic and electromagnetic surveys and follow-up magnetic and Max-Min surveys in the eastern Canalask area are due to well developed fault zones within mafic and ultramafic rocks (Carne, 1997). The 2006 Lamontagne report states that "the shape can be estimated as ling and slender" (Fernley, 2006). This feature is common to conductors on all grids. Thus, the conductor identified at the Onion block in 2006 may represent shallowly south-west dipping mineralized thrust fault zones, as opposed to steeply-dipping footwall-hosted magmatic mineralization.

Results of UTEM surveying on the Canalask grid reveal a weakly conductive feature extending east-southeast, and almost directly along strike of, the Main Zone of the Canalask deposit. This suggests the conductor represents "Canalask-style" epigenetic mineralization, or possibly the host horizon, although the report also states all conductors

occur at depth and are very gently south dipping, a distinct setting from the Canalask deposit.

The conductor is located within footwall Station Creek volcanics at a fairly consistent distance of 150 – 200 metres north of the footwall contact of the WRIC. This is roughly the same extent into the footwall as the Canalask deposit. The strongest response occurs along L10488E through L10998E, somewhat north-east of DDH VQ-7, the only hole to date that intersected substantial nickel-copper sulphide mineralization. This suggests this area has the strongest potential to host epigenetic sulphide nickel-copper mineralization. Although only minor nickel-copper mineralization was intersected in previous drilling east of DDH VQ-7, thus diminishing potential for economic-scale magmatic mineralization, a 600-metre interval of the footwall contact zone of the WRIC partially covering the area of the most strongly conductive portion remains untested.

Soil sampling on the Pole grid led to delineation of a broad although fairly weak coincident nickel-chrome +/- copper anomaly along most of the southwestern limit of surveying. Weakly elevated platinum and palladium values suggest an ultramafic origin; elevated sulphide values along L6200E suggest the possibility of some nickel-copper-sulphide mineralization. This area is covered by muskeg and permafrost, with terrain becoming steeper to the southwest; thus the anomaly may have been transported from further to the southwest. Aeromagnetic surveying by the Geological Survey of Canada revealed a magnetic high just southwest of the surveyed area. Fairly abundant pyroxenite and peridotite float occurs along the entire extent of Nick Creek, indicating an upstream or up-ice source. No ultramafic rocks have been mapped in this area, although the geochemical anomaly provides strong evidence for one or more units of the WRIC to occur here.

The western limit of the weak Pole conductor identified by the UTEM survey corresponds exactly with the eastern limit of the dunite horizon along L5200E, and approximately with the boundary of the Ni-Cr+/- Cu geochemical anomaly in southeastern areas (Maps 4a-d). The eastern portion does not correspond well with geological mapping in southeastern areas, which interpreted stratigraphy as extending east-southeast, similar to Canalask stratigraphy. The 2006 mapping indicates the conductor extends into Nikolai Volcanics south of the Hasen Creek sediments. This discrepancy may result simply from misinterpretation of stratigrapic setting due to lack of exposure, although a unit of Hasen Creek limy sandstone to conglomerate north of the conductor is traceable throughout the grid (Map 4a). An alternate explanation is that the UTEM survey identified two separate conductors interpretable as a single continuous one.

The former explanation suggests the WRIC, manifested as the dunite unit, extends along the trace of the conductor, although the geochemical signature corresponding to this does not extend east of L5200E. The latter suggests a separate, yet undiscovered ultramafic unit south of the projected extent of the WRIC. The conductor is similar in setting to the Canalask and Onion conductors, again suggesting narrow, possibly thrust fault hosted mineralization.

The Pole conductor extends across the entire surveyed portion of the grid, suggesting it likely extends both to the southeast and northwest. Plotting also indicates the Pole conductor occurs about 500 metres south of the Canalask conductor, with a projected north-west strike extension south of the Canalask grid, and thus not detectable by surveying on the Canalask grid. The Pole conductor likely represents a setting similar to the Onion conductor rather than the Canalask one. Thus, the Pole and Onion conductors may represent magmatic mineralization, possibly re-mobilized into fault zones, whereas the Canalask conductor may represent epigenetic mineralization, similar to the Canalask deposit.

The more abrupt northern contact of all conductors may indicate mineralization tends to be confined to specific horizons, namely the ultramafic horizons for the Canalask and Onion conductors, bounded by the footwall contact zone.

A separate coincident nickel-chrome soil anomaly along L5800E of the Pole grid suggests a separate, although small ultramafic unit. Neither this nor the large southwestern anomaly occurs along the east-southeast strike extension of the small dunite horizon located in 2006. This is noteworthy, as it suggests multiple ultramafic units of the WRIC, which occurs as a single linear unit in the Canalask and Onion project areas, although it bifurcates in the central Pic project area. A separate ultramafic horizon would increase potential for magmatic (and hydrothermal) mineral occurrences. No significant normal fault offsets have been mapped in the Onion and Pic areas, where surface exposure is good, lessening the potential for offsetting of a single unit. The absence of sizable lateral displacement along normal faulting anywhere along the project area is further evidence for a separate ultramafic horizon.

The discovery of a small pyroxenite pod on the Pic indicates potential for other ultramafic horizons outside of the main WRIC, at least in the Pic block. The Ni-Cr anomalies at the Pole support this hypothesis. The lack of positive 2006 surface results on the Pic and Onion blocks does not diminish potential for mineralization at depth, although sizable occurrences of surface mineralization have likely all been located.

Numerous small occurrences of disseminated chalcopyrite – pyrrhotite in the footwall Station Creek andesites occur within the Pic block; 2006 prospecting indicate these occur in the footwall area of the Onion block as well. The increased gold content and overall fabric of footwall mineralization suggest that the mineralization was hydrothermally derived, with fluids either enriched in residual gold or having scavenged it from country rock.

At the Wellgreen deposit, the vast majority of mineralization is of magmatic origin, with much smaller skarn and replacement-style zones in the footwall rocks. The presence of footwall-hosted hydrothermal showings may be used as a vector to the proximity of magmatic mineralization. This suggests that a much larger magmatic deposit may occur near the epigenetic Canalask deposit, and that the Canalask/ Pole project area, possibly

extending somewhat northwest of the White River, is the prime target area for further exploration.

The Ant block may host small ultramafic units west of Beaver Creek (Maps 2b-d), suggested by Ni-Cr geochemical anomalies from 2006 silt sampling, and also northwest of the Manson Brook showing, although none have been identified on surface to date. Rock sampling of the Marilyn Creek stock returned background gold values; only one silt sample downstream returned an anomalous gold value. This suggests any gold at the stock occurs as sparsely distributed vein-hosted nuggets; thus this stock has low potential to host economic-scale mineralization. Similarly, high gold-in-silt values downstream of the Manson Brook occurrence suggests coarse gold; the single anomalous value from rock sampling was obtained from vein material. The lack of high gold values from soil sampling within a setting prone to maximize gold-in-soil content suggests little gold exists; any gold present would likely occur within small quartz veins. Thus the Manson Brook occurrence is also not a viable exploration target. Small vein-style gold occurrences may exist elsewhere in the Ant block, resulting in the aforementioned gold-in-silt anomalies.

Rubblecrop sampling of an area of intensive quartz veining in andesite along Nick Creek within the Pole block returned a value of 0.726 g/t gold. This indicates a hydrothermal origin, and that other similar showings may occur throughout the Pole area.

16.2 Conclusions

The following conclusions can be made from results of the 2006 program:

- The White River Intrusive Complex (WRIC) is a favourable setting for magmatic copper-nickel sulphide mineralization because of the nature of the intrusion, and the presence of abundant of small magmatic showings along the footwall margin (Pattison, 2005). The WRIC occurs as a fairly linear northwest-southeast striking, steeply southwest-dipping dyke, occurring most commonly between hanging wall Hasen Creek sediments and footwall Station Creek andesitic volcanics. The lack of internal zonation indicates the environment within the intrusion was dynamic and the thick alteration halo in the host rocks suggests a considerable volume of ultramafic magma passed through it (Pattison, 2005). Several small Ni-Cu-PGE showings occur along the footwall margin.

- Two types of deposit settings occur: mineralization of magmatic origin, consisting of disseminated to semi-massive copper-nickel sulphides +/- platinum and palladium (PGMs) largely within basal gabbros of the WRIC along the footwall contact; and epigenetic mineralization of hydrothermal origin, including vein and fracture-filling, skarn and replacement settings within footwall andesites. The Wellgreen Ni-Cu deposit, located about 110 kilometres to the southeast, typifies the magmatic setting; the Canalask deposit typifies the epigenetic setting.

- The magmatic and hydrothermal settings likely share a common origin, with hydrothermal mineralization deposited from late-stage fluids related to the magmatic mineralizing event.

- At the Wellgreen deposit, the vast majority of mineralization is magmatic, with a much smaller proportion of hydrothermally-derived mineralization. This suggests a high magmatic: hydrothermal ratio; therefore the size of hydrothermally derived showings in the footwall may be indicative of the potential presence of proximal magmatic deposits. Using this model, the size of the Canalask deposit suggests strongest potential for a large magmatic deposit may occur in the Canalask/ Pole project area, including the immediate northwest side of the White River.

- "UTEM-3" geophysical surveying done in 2006 revealed weakly conductive features at depths of about 300m below surface, paralleling the WRIC within the Onion, Canalask and Pole grids. These suggest very gently southwest-dipping conductors with more abrupt contacts along the northeastern edges. The Canalask conductor extends east-southeast directly from the Main Zone, suggesting a footwall-hosted setting, whereas the Onion and Pole conductors correspond well with down-dip extent of the WRIC itself. The Pole and Canalask conductors are obviously separate features.

- Footwall occurrences found to date in the Onion and Pic project areas are of limited extent. To date, only minor magmatic occurrences have been found, although in the Onion grid area, the setting has potential to host a larger zone at depth.

- Soil geochemical surveying in the Pole area revealed a Ni-Cr +/- Cu anomaly in southwestern areas, coincident with the eastern extent of the Pole conductor and a magnetic anomaly from government aeromagnetic surveying. Ultramafic float is fairly abundant in the stream extending through the grid, which parallels the conductor in the extreme southeastern area. A similar anomaly of more limited extent occurs in the north-central area, suggesting multiple ultramafic members of the WRIC.

- A small pyroxenite pod with elevated nickel and copper values was discovered about 300 metres into the footwall area of the two WRIC horizons in the central Pic property area, also indicating potential for further units of this complex in the Pic area.

- Silt sampling within the Ant project area revealed elevated Ni-Cr-Cu values along one stream west of Beaver Creek; mapping revealed one exposure of olivine gabbro with elevated Ni-Cr values northwest of the "Manson Brook" (Chair Mountain) occurrence.

- Within the Ant block, a strongly carbonate-altered granitic stock, the "Marilyn Creek" stock (unofficial name) was found to have limited gold potential. A

second occurrence consisting of strongly altered limonitic Nikolai basalts with some quartz veining, called the “Manson Brook” occurrence was also found to have low gold potential. Irregular gold-in-silt values downstream suggest narrow, likely vein-associated coarse gold.

17.0 Recommendations

17.1 Recommendations

Exploration within the White River Nickel Project area should focus on the Canalask/ Pole project area, extending somewhat northwest of the White River. The terrain east of the White River is moderate and by far the most amenable to exploration; most areas are accessible by all-terrain vehicles extending southwest from an access road usable by 4WD vehicles. Some further exploration is recommended for all other project areas, particularly the Onion area within the 2006 UTEM grid.

A two-phased program is recommended, with Phase 1 consisting of airborne magnetic and "VTEM" geophysical surveying of the Canalask/Pole, Onion and Pic project areas, and surface exploration, leading to identification of specific drill targets (if any). This is to be followed by a Phase 2 diamond drilling program, tentatively set at 3,200 metres of "NTW" core in eight holes. Six of these are proposed for the Canalask/ Pole project area; two are proposed for the Onion area. A single drill employing two 12-hour shifts per day is recommended.

The airborne survey should be done in March, prior to calving season of the local Chisana caribou herd. Line cutting should begin about May 15. The actual Phase 1 program should commence by June 1, on the Canalask/ Pole area; Phase 2 should commence on the Onion block no later than July 20, then move onto the Canalask/Pole area, to avoid freezing of water lines.

The existing access road and all-terrain trails on the Canalask/ Pole project area should be upgraded to accommodate ATV vehicles easily for the Phase 1 program. The Pole grid should be extended westward to L4600E and eastward to L7250E with UTEM surveying to be conducted along these extensions. The 2006 soil geochemical survey should be expanded to cover all present and proposed cut lines of the grid. A 50-metre sample spacing is recommended. This area should undergo detailed geological mapping and prospecting, to identify any ultramafic units and associated mineralization. The soil geochemical survey should be extended westward along the refurbished Canalask grid to at least L10488E (Map 3a). Detailed geological mapping should be done here also.

Detailed geological mapping is recommended on the portion of the Onion project area that underwent UTEM surveying in 2006, again focusing on any conductors identified. Detailed mapping and prospecting is also recommended for the area just northwest of the White River in the Onion project area. Further UTEM surveying on the Onion, and surveying of the Pic projects areas should be dependent on results of the airborne surveying.

Helicopter-assisted traversing, focusing on geological mapping and prospecting, is recommended to take place along the small streams within the Pic block. Areas of focus

are the southwest, hanging wall side of the WRIC, as well as the footwall side, to investigate extent of hydrothermal occurrences.

Limited helicopter traversing is also recommended on the Ant block to investigate the area near the stream hosting the combined Ni-Cr-Cu anomalies returned from silt sampling of the small stream west of the Beaver Creek, and the olivine gabbro occurrence northwest of the Manson Brook occurrence. An attempt should be made to locate the Yellow showing. No further work is recommended for the Manson Brook occurrence and the Marilyn Creek stock.

Helicopter support is required for traversing on the Pic, Onion and Ant blocks. If Phase 1 results warrant a Phase 2 program, access trails on the Canalask/ Pole project area should be upgraded to accommodate skid-mounted diamond drilling equipment, requiring some infilling of boggy sections. Drilling on the Onion block will require helicopter support.

A rough estimate for the airborne survey, including ferry, stands at $**240,000**. Total projected expenses for the Phase 1 program, including pre-program preparation, line cutting, report writing and a 10% contingency on all facets stand at about **$271,636**. Total expenditures using the same parameters for the Phase 2 drilling program are projected at **$981,424,** for a project total of **$1,493,060**.

17.2 Recommended Budgets

17.2.1 Phase 1: Surface Exploration

Pre-program preparation: 12 days @ $600/day:	$ 7,200.00
Line Cutting: 9.6 line km, all in, incl accommodations:	$ 27,020.00
Personnel: Project Geologist: 29 days @ $600/day:	$ 17,400.00
Geologist: 31 days @ $500/day:	$ 15,500.00
Senior Geologist (Xstrata plc): 6 days @ $600/day:	$ 3,600.00
Technician: 31 days @ $350/day:	$ 10,850.00
Technician: 29 days @ $375/day:	$ 10,875.00
Helicopter fees: 40 hrs @ $1,200/hr, incl fuel:	$ 48,000.00
Rock sample assaying: 200 samples (ICP + gold) @ $34/sample:	$ 6,800.00
Whole rock analysis: 80 samples @ $65/sample:	$ 5,200.00
Soil sample assaying: 552 samples @ $30/sample:	$ 16,560.00
Silt sampling: 80 samples @ $30/sample:	$ 2,400.00
Standards, incl. analysis: 25 @ $55 ea. all-in:	$ 1,375.00
Shipping:	$ 1,400.00
Groceries:	$ 1,110.00
Accommodations: 180 person-days @ $130/day:	$ 23,400.00
Expediting:	$ 2,100.00
ATV Rental: 2 ATVs + 1 trailer @ $100/day, all-in, for 40 days:	$ 4,000.00
Truck rental: 1 truck @ $80/day, remainder at $100/day:	$ 7,400.00
Mileage:	$ 232.00
Radio rental: 40 rental-days days @ $20/day:	$ 800.00
Truck fuel:	$ 3,120.00
Travel meals:	$ 240.00
Travel expenses, incl. Xstrata, Lamontagne personnel flights:	$ 10,800.00
Documents, maps:	$ 150.00
Office supplies:	$ 600.00
Field supplies:	$ 1,260.00
Equipment and expendables:	$ 1,000.00
Field Total:	**$230,692.00**
Data compilation, report writing: 15 days @ $600/day:	$ 9,000.00
Geophysics report writing:	$ 4,250.00
Digitizing: 60 hrs @ $50/hr:	$ 3,000.00
Sub-Total:	**$246,942.00**
10% Contingency:	$ 24,694.20
Grand Total, Phase 1:	**$271,636.20**

17.2.2 Phase 2: Diamond Drilling

Pre-project preparation: 10 days @ $600/day:	$ 6,000.00
Road construction, pad clearing:	$ 18,000.00
Pad building:	$ 12,000.00
Personnel: Project Geologist: 78 days @ $600/day:	$ 46,800.00
Technician: 78 days @ $325/day:	$ 23,530.00
Drilling: 3,200 metres @ $115/m:	$368,000.00
Drilling: Hourly charges: 64 days @ $600/day + Mobe onto site:	$ 42,050.00
Drilling: Mobe – Demob:	$ 5,600.00
Drill equipment rental: 68 days @ $100/day:	$ 6,800.00
Drill lubricants, bentonite:	$ 3,840.00
Tests:	$ 1,950.00
Travel time: 65days @ $375/day:	$ 24,375.00
Helicopter support: 19 days @ 4 hrs/day @ $1,200/hr, all-in:	$ 91,200.00
Sperry Sun rental ($1,800/mo):	$ 4,200.00
Reclamation bond:	$ 25,000.00
Permitting: 2.5 days @ 600/day + fee:	$ 1,775.00
Core sampling: 700 samples @ $35/sample:	$ 24,500.00
Shipping:	$ 5,150.00
Standards:	$ 1,600.00
Accommodation: 420 person-days @ $130/day:	$ 54,600.00
Expediting:	$ 9,300.00
Fuel, drilling:	$ 31,200.00
Fuel, water line:	$ 4,480.00
Fuel, core shack:	$ 4,480.00
ATV Rental: 139 machine-days @ $50/day:	$ 6,950.00
Truck rental: 68 days x 2 @ $100/day + 77 @ 80/day:	$ 19,760.00
Gear rental: 76 days @ $60/day:	$ 4,560.00
Core tent rental: 76 days @ $30/day:	$ 2.280.00
Mileage:	$ 464.00
Radio rental: 76 days @ $20/day:	$ 1,520.00
Truck fuel:	$ 9,400.00
Travel meals:	$ 460.00
Office supplies:	$ 800.00
Equipment and expendables:	$ 1,500.00
Core boxes: 760 boxes @ $13/box:	$ 9,880.00
Field total:	**$874,004.00**
Report writing: 20 days @ $600/day:	$ 15,000.00
Digitizing: 50 hours @ $50/hr:	$ 3,200.00
Sub-total:	$892,204.00
10% Contingency:	$ 89,220.40
Phase 2 Total:	**$981,424.40**

18.0 References

Carne, R.C, 1997: "Report on 1997 Drilling on the CanAlask Property", Assessment Report 093698, Expatriate Resources.

Carne, R.C. 1994: "Report on 1994 Diamond Drilling, CanAlask Property", Assessment Rep 093256**,** Expatriate Resources Ltd. and Cachet Enterprises Corp.

Hulbert, L.J. 1997: "Geology and Metallogeny of the Kluane Mafic – Ultramafic Belt, Yukon Territory, Canada: Eastern Wrangellia – A New Ni-Cu-PGE Metallogenic Terrane", Natural Resources Canada, Geological Survey of Canada, Bulletin 506, Canada Communications Group.

Pattison, J. 2005: Notes to Accompany MapInfo Compilation of the Canalask area, Yukon Territory", In-house report for Falconbridge Ltd.

Yukon Minfile, 2005: Yukon Geological Survey, Yukon Ministry of Energy, Mines and Resources.

Appendix 1. Certificate of Author

I, Carl M. Schulze, PGeo, hereby certify that:

1) I am a self-employed Consulting Geologist and sole proprietor of:
All-Terrane Mineral Exploration Services
35 Dawson Rd
Whitehorse, Yukon Y1A 5T6

2) I graduated with a Bachelor of Science Degree in geology from Lakehead University, Thunder Bay, Ontario, in 1984.

3) I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC).

4) I have worked as a geologist for a total of 20 years since my graduation from Lakehead University.

5) I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

6) I am responsible for preparation of all sections of the technical report entitled "NI 43-101-Compliant Report on the 2006 Exploration Program on the White River Nickel Project, Xstrata plc (Falconbridge Ltd)" on the entire property area comprising the White River Nickel Project. I was active on-site during most of the program of roughly 55 days from July 9 to Sept 2, 2006.

7) I have not had prior involvement with the properties that are the subject of the Technical Report prior to March 2004.

8) I am not aware of any material facts or material changes with respect to the subject matter of the technical report not contained within the report, of which the omission to disclose makes the report misleading.

9) I am independent of the issuers applying all of the tests in section 1.5 of National Instrument 43-101.

10) I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

11) I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

12) The effective date of this report is Sept 5, 2006.

Dated this 26th Day of January, 2007

"Carl Schulze"

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Appendix 2: ANT Project area Sample Descriptions and Results

Appendix 2a: Rock sample descriptions, results
Appendix 2b: Soil sample descriptions, results
Appendix 2c: Silt sample descriptions, results
Appendix 2d: Whole Rock sample descriptions, results

All-Terrane Mineral Exploration Services

SILT SAMPLE DESCRIPTION SHEET (Appendix 2c)

"ANT" Block, Xstrata plc (formerly Falconbridge Ltd.)
July - August, 2006

Sample No.	Easting NAD 83	Northing NAD 83	Zone	% Fines	Colour	Stream Grade	Stream Width (m)	Date	Sampler	Comments
TC035251	510316	6878152	7	70	Light Brown	Gentle	1	Aug. 12	BR/NVW	Some Organics
TC035252	510389	6878153	7	70	Dark Brown	Gentle	1	Aug. 12	BR/NVW	Some Organics
TC035253	510532	6878074	7	50	Brown	Moderate	4	Aug. 12	BR/NVW	
TC035254	510756	6877940	7	35	Grey Brown	Moderate	2.5	Aug. 12	BR/NVW	
TC035255	510911	6877811	7	30	Grey	Gentle	3	Aug. 12	BR/NVW	
TC035256	511050	6877632	7	80	Grey	Moderate	3	Aug. 12	BR/NVW	
TC035257	511158	6877527	7	60	Brown	Moderate	4	Aug. 12	BR/NVW	
TC035258	508014	6878491	7	40	Grey Brown	Moderate	1.5	Aug. 13	BR/NVW	
TC035259	508054	6878831	7	20	Grey	Moderate	2	Aug. 13	BR/NVW	
TC035260	507989	6878977	7	40	Light Grey	Moderate	2	Aug. 13	BR/NVW	
TC035261	507791	6879145	7	25	Brown	Moderate	2	Aug. 13	BR/NVW	
TC035262	507624	6879344	7	40	Brown	Gentle	1	Aug. 13	BR/NVW	
TC035263	507467	6879519	7	25	Grey	Moderate	2	Aug. 13	BR/NVW	Some Organics
TC035264	507349	6879753	7	30	Dark Brown	Gentle	2	Aug. 13	BR/NVW	Mossmatt
TC035265	507275	6879969	7	40	Grey Brown	Gentle	2	Aug. 13	BR/NVW	
TC035266	507023	6880122	7	20	Grey Brown	Moderate	2	Aug. 13	BR/NVW	
TC035267	506779	6880193	7	50	Grey	Steep	3	Aug. 13	BR/NVW	
TC035268	506572	6880331	7	60	Brown	Moderate	3	Aug. 13	BR/NVW	
TC035269	506367	6880490	7	50	Grey	Moderate	1	Aug. 13	BR/NVW	
TC035270	506179	6880528	7	50	Grey	Gentle	1	Aug. 13	BR/NVW	
TC035271	505994	6880538	7	30	Grey	Gentle	15	Aug. 13	BR/NVW	
TC035272	503619	6882585	7	50	Light Brown	Steep	3	Aug. 16	BR/NVW	Dry Creek
TC035273	503732	6882697	7	25	Grey Brown	Steep	3	Aug. 16	BR/NVW	Dry Creek
TC035274	503758	6882770	7	30	Grey	Steep	5	Aug. 16	BR/NVW	Dry Creek
TC035275	503761	6882829	7	35	Grey Brown	Steep	3	Aug. 16	BR/NVW	Dry Creek
TC035276	503886	6883005	7	30	Grey	Steep	7	Aug. 16	BR/NVW	Dry Creek
TC035277	504083	6883131	7	50	Grey	Steep	4	Aug. 16	BR/NVW	Dry Creek
TC035278	504172	6883217	7	25	Grey	Moderate	2	Aug. 16	BR/NVW	Dry Creek
TC035279	504276	6883318	7	60	Grey	Moderate	5	Aug. 16	BR/NVW	Dry Creek
TC035280	504297	6883548	7	70	Grey	Moderate	3	Aug. 16	BR/NVW	
TC035281	504363	6883574	7	70	Grey	Gentle	3	Aug. 16	BR/NVW	
TC035282	504546	6883792	7	60	Grey	Moderate	6	Aug. 16	BR/NVW	Dry Creek
TC035283	504552	6883755	7	75	Grey	Gentle	3	Aug. 16	BR/NVW	
TC035284	504789	6883802	7	65	Grey	Moderate	6	Aug. 16	BR/NVW	Dry Creek
TC035285	504939	6883951	7	80	Grey	Gentle	9	Aug. 16	BR/NVW	Dry Creek
TC035286	505084	6884047	7	60	Grey	Gentle	7	Aug. 16	BR/NVW	Dry Creek
TC035462	513478	6879409	7	20	Dark Brown	Steep	1	Aug. 9	BR/NVW	Dry Creek
TC035463	513455	6879646	7	50	Brown	Steep	1	Aug. 9	BR/NVW	Dry Creek
TC035464	513325	6879821	7	80	Dark Brown	Moderate	1	Aug. 9	BR/NVW	
TC035465	513116	6879914	7	50	Grey Brown	Gentle	1	Aug. 9	BR/NVW	Dry Creek
TC035466	512949	6879858	7	30	Brown	Moderate	1.5	Aug. 9	BR/NVW	
TC035467	512877	6879885	7	60	Dark Brown	Gentle	3	Aug. 9	BR/NVW	Dry Creek
TC035468	512740	6880044	7	50	Brown	Steep	4.5	Aug. 9	BR/NVW	Dry Creek
TC035469	512604	6880205	7	50	Light Brown	Moderate	6	Aug. 9	BR/NVW	
TC035470	512399	6880323	7	40	Grey Brown	Moderate	8	Aug. 9	BR/NVW	
TC035471	512260	6880353	7	45	Brown	Moderate	3	Aug. 9	BR/NVW	
TC035472	512245	6880312	7	70	Brown	Moderate	20	Aug. 9	BR/NVW	
TC035473	512187	6880566	7	50	Grey	Moderate	25	Aug. 9	BR/NVW	
TC035474	512136	6880798	7	35	Grey Brown	Moderate	20	Aug. 9	BR/NVW	
TC035475	511923	6881002	7	60	Grey Brown	Moderate	7	Aug. 9	BR/NVW	
TC035476	511820	6881211	7	60	Grey Brown	Moderate	8	Aug. 9	BR/NVW	
TC035477	509928	6878809	7	20	Grey Brown	Gentle	1	Aug. 10	BR/NVW	Very Organic
TC035478	509719	6879074	7	10	Grey Brown	Gentle	1	Aug. 10	BR/NVW	
TC035479	509644	6879309	7	50	Grey Brown	Gentle	2	Aug. 10	BR/NVW	
TC035480	509592	6879477	7	20	Grey Brown	Moderate	1.5	Aug. 10	BR/NVW	
TC035481	509588	6879565	7	25	Grey Brown	Moderate	3	Aug. 10	BR/NVW	
TC035482	509556	6879785	7	35	Grey Brown	Moderate	2	Aug. 10	BR/NVW	
TC035483	509379	6879972	7	50	Grey Brown	Gentle	2.5	Aug. 10	BR/NVW	
TC035484	509131	6880088	7	40	Brown	Moderate	6	Aug. 10	BR/NVW	
TC035485	508942	6880252	7	40	Grey Brown	Moderate	10	Aug. 10	BR/NVW	
TC035486	508778	6880482	7	50	Brown	Gentle	17	Aug. 10	BR/NVW	
TC035487	508643	6880623	7	35	Grey	Moderate	8	Aug. 10	BR/NVW	
TC035488	512180	6880156	7	90	Grey Brown	Gentle	11	Aug. 11	BR/NVW	
TC035489	512146	6879845	7	90	Grey Brown	Gentle	8	Aug. 11	BR/NVW	
TC035490	512285	6879634	7	70	Grey Brown	Moderate	9	Aug. 11	BR/NVW	
TC035491	512370	6879432	7	60	Brown	Gentle	11	Aug. 11	BR/NVW	
TC035492	512474	6879199	7	50	Grey Brown	Gentle	8	Aug. 11	BR/NVW	
TC035493	512567	6878986	7	50	Grey Brown	Moderate	9	Aug. 11	BR/NVW	
TC035494	512584	6878706	7	70	Brown	Gentle	13	Aug. 11	BR/NVW	
TC035495	512671	6878496	7	90	Grey	Gentle	7	Aug. 11	BR/NVW	
TC035496	512677	6878304	7	50	Grey	Moderate	6	Aug. 11	BR/NVW	
TC035497	509406	6877886	7	15	Brown	Steep	1	Aug. 12	BR/NVW	
TC035498	509578	6878109	7	10	Grey	Moderate	1	Aug. 12	BR/NVW	
TC035499	509822	6878163	7	60	Brown	Gentle	1	Aug. 12	BR/NVW	High Organics
TC035500	510059	6878109	7	20	Dark Brown	Gentle	1	Aug. 12	BR/NVW	Sandy, Dry Creek
TC035601	507435	6880998	7	80	brown	Mod	0,5	13/8/2006	CS/ MP	mossmat, high organics
TC035602	507285	6880971	7	75	brown	Mod	2	13/8/2007	CS/ MP	mossmat, stabilized silts
TC035603	507060	6880994	7	75	brown	Mod	2	13/8/2008	CS/ MP	mossmat
TC035604	506948	6881090	7	80	brown	Gent/mod	3	13/8/2009	CS/ MP	includes mossmat
TC035605	506857	6881135	7	50	db	Mod	0,5	13/8/2010	CS/ MP	mossmat
TC035606	506595	6881116	7	65	db	Mod	3	13/8/2011	CS/ MP	mossmat
TC035607	506336	6881196	7	80	gb	Mod	3	13/8/2012	CS/ MP	stabilized silts
TC035608	502495	6882080	7	40	gb	Steep	1,5	14/8/2006	CS/ MP	dry, sparse silts in rock slide bed
TC035609	502574	6882122	7	45	brown	Steep	0,5	14/8/2006	CS/ MP	stabilized silts
TC035610	502686	6882114	7	45	gb	Steep	0,5	14/8/2006	CS/ MP	stabilized silts
TC035611	502775	6882040	7	40	gb	Mod	0,5	14/8/2006	CS/ MP	stabilized silts
TC035612	502779	6882030	7	50	brown	Steep	0,5	14/8/2006	CS/ MP	bank silts
TC035613	502795	6881896	7	45	gb	Steep	0,5	14/8/2006	CS/ MP	sparse silts, mossmat
TC035614	502836	6881810	7	45	gb	Steep	1	14/8/2006	CS/ MP	stabilized silts, 2 channels
TC035615	502852	6881722	7	55	db	Steep	0,5	14/8/2006	CS/ MP	high organics
TC035616	502947	6881612	7	50	GB	Steep	1	14/8/2006	CS/ MP	stabilized silts
TC035617	503090	6881437	7	60	brown	Steep	1	14/8/2006	CS/ MP	rare pockets of fine silts
TC035618	503124	6881227	7	40	grey	Steep	1	14/8/2006	CS/ MP	sparse fine silts
TC035619	503135	6881015	7	70	gb	Steep	1	14/8/2006	CS/ MP	stabilized silts
TC035620	503109	6880986	7	55	brown	Mod	2	14/8/2006	CS/ MP	sparse fine silts
TC035621	503316	6880965	7					14/8/06	CS/ MP	
TC035622	503318	6880950	7					14/8/06	CS/ MP	
TC035623	503637	6881010	7					14/8/06	CS/ MP	
TC035624	503650	6881025	7					14/8/06	CS/ MP	
TC035625	503862	6880918	7					14/8/06	CS/ MP	
TC035626	503990	6880808	7					14/8/06	CS/ MP	
TC035627	504171	6880713	7					14/8/06	CS/ MP	
TC035628	504387	6880485	7					14/8/06	CS/ MP	
TC035629	504430	6880480	7					14/8/06	CS/ MP	
TC035630	504631	6880431	7					14/8/06	CS/ MP	
TC035631	504865	6880410	7					14/8/06	CS/ MP	
TC035632	505073	6880295	7					14/8/06	CS/ MP	
TC035663	502375	6882946	7	50	lt brown	Steep	5	17/8/06	BR/CS	Active stream
TC035664	502435	6883129	7	45	lt brown	Steep	5	17/8/06	BR/CS	Dry, several sites
TC035665	502467	6883127	7	45	lt brown	Steep	5	17/8/06	BR/CS	Flowing; several stabilized sites
TC035666	502427	6883362	7	45	lt brown	Steep	6	17/8/06	BR/CS	Dry at this location; mod abundant silt

TC035667	502421	6883534	7	50	lt brown	Mod-stp	3	17/8/06	BR/CS	Dry; mod abundant silt
TC035668	502396	6883546	7	35	grey	Steep	4	17/8/06	BR/CS	Active; abundant shale but rare silt
TC035669	502469	6883775	7	50	grey	Mod	3	17/8/06	BR/CS	Sparse fine silts
TC035670	502577	6883972	7	60	grey	Mod	6	17/8/06	BR/CS	Wide silt planes near bank
TC035671	502503	6884179	7	65	dk gry	Mod	8	17/8/06	BR/CS	Moderately abundant silt
TC035672	502463	6884356	7	40	grey	Mod	5	17/8/06	BR/CS	Rare fine silt
TC035673	502697	6884451	7	50	grey	Steep	4	17/8/06	BR/CS	Abundant shale, rare silt
TC035674	502871	6884573	7	60	grey	Mod-stp	10	17/8/06	BR/CS	Rare fine silt
TC035675	502896	6884680	7	50	gr-brn	Steep	10	17/8/06	BR/CS	Tributary; stabilized silts, very rare fines
TC035676	503005	6884766	7	50	grey	Mod	7	17/8/06	BR/CS	High shale content in creek bed
TC035677	503126	6884989	7	50	grey	Mod	22	17/8/06	BR/CS	Pocket of fines in wide, stony channel
TC035678	503265	6885156	7	50	tan-gry	Mod	10	17/8/06	BR/CS	Fairly abundant silt; several sites
TC035679	503335	6885393	7	50	grey	Steep	6	17/8/06	BR/CS	Moderately abundant silt
TC035680	503555	6885522	7	40	grey	Steep	8	17/8/06	BR/CS	Fairly sparse silt
TC035681	503772	6885527	7	50	gry-tan	Steep	5	17/8/06	BR/CS	sparse fine silts
TC035682	503946	6885663	7	40	grey	Mod	5	17/8/06	BR/CS	Moderately abundant silt
TC035683	504122	6885808	7	60	grey	Mod	15	17/8/06	BR/CS	Mod abundant silt; stream "flattens" here
TC035684	504325	6885735	7	30	grey	Gentle	20	17/8/06	BR/CS	20-m wide gravel flood plain
TC035685	504499	6885619	7	60	grey	Gentle	15	17/8/06	BR/CS	15 metre-wide flood plain
TC276201	512955	6875935	7	45	gry-brn	Mod	2.5	20/7/06	CS/ NVW	Several sites, fairly sparse fines
TC276202	513165	6876062	7	50	gry-brn	Mod	2	20/7/06	CS/ NVW	Wide stream bed, fairly abundant silt
TC276203	513527	6875868	7	45	brn-blk	Mod	0.4	20/7/06	CS/ NVW	narrow, dry stream bed
TC276204	513510	6875857	7	60	gry-brn	Mod	1.5	20/7/06	CS/ NVW	Dry: fine silts along edge
TC276205	513596	6875970	7	70	brown	Gentle	8	20/7/06	CS/ NVW	Sanpete creek; mossmat along edge
TC276206	513473	6876113	7	60	brown	Mod	2.5	20/7/06	CS/ NVW	Dry: stream "goes to ground"
TC276207	513595	6876177	7	40	brown	Mod	1.5	20/7/06	CS/ NVW	Narrow; mossmat
TC276208	513396	6876401	7	40	brown	Mod	2	20/7/06	CS/ NVW	Mossmat
TC276209	513324	6876618	7	40	brown	Mod	4.5	20/7/06	CS/ NVW	Mossmat, silt along edge
TC276210	513274	6876868	7	50	gry-brn	Mod	3	20/7/06	CS/ NVW	Fine silt along edge of dry bed
TC276211	513301	6877115	7	60	gry-brn	Mod	3	20/7/06	CS/ NVW	Mossmat; silt along edge of dry bed
TC276212	513293	6877283	7	90	brown	Gentle	1.5	20/7/06	CS/ NVW	Spring (abnt water and silt)
TC276213	513349	6877354	7	50	brown	Mod	3	20/7/06	CS/ NVW	Fast flow, bouldery
TC276214	513345	6877403	7	90	brown	Gentle	0.4	20/7/06	CS/ NVW	Near source; abnt silt and mossmat
TC276215	513283	6877577	7	40	brown	Mod	2.5	20/7/06	CS/ NVW	Some fine dry silt aong edge
TC276216	513326	6877646	7	45	brown	Steep	1	20/7/06	CS/ NVW	Mossmat
TC276217	512048	6875898	7	40	brown	Mod	15	21/7/06	CS/ NVW	Mossmat along edge
TC276218	512161	6876150	7	40	brown	Mod	20	21/7/06	CS/ NVW	Mossmat, some fine silt
TC276219	512229	6876364	7	65	brown	Mod	13	21/7/06	CS/ NVW	Mossmat, some "fresh" silt
TC276220	512247	6876610	7	50	brown	Mod	4	21/7/06	CS/ NVW	Mossmat
TC276221	512377	6876806	7	60	brown	Mod	5	21/7/06	CS/ NVW	Mossmat, several sites
TC276222	512517	6876993	7	60	brown	Mod	10	21/7/06	CS/ NVW	Mossmat, some "fresh" silt
TC276223	512668	6877183	7	55	lt brown	Mod	8	21/7/06	CS/ NVW	Sparse fresh sil; several sites
TC276224	512834	6877345	7	50	brown	Steep	6	21/7/06	CS/ NVW	Some fresh silt, mostly mossmat
TC276225	513026	6877458	7	50	brown	Steep	5	21/7/06	CS/ NVW	Mosmat, no fresh silt; 2 sites
TC276226	513221	6877602	7	55	brown	Steep	5	21/7/06	CS/ NVW	Mossmat, some "fresh" silt
TC276227	513194	6877814	7	65	brown	Gentle	8	21/7/06	CS/ NVW	Fairly abundant silt
TC276228	513135	6877794	7	60	brown	Mod	4	21/7/06	CS/ NVW	Mossmat, some "fresh" silt
TC276229	512947	6877929	7	65	brown	Gentle	9	21/7/06	CS/ NVW	Fresh silt and mossmat
TC276230	512815	6878140	7	65	brown	Mod	11	21/7/06	CS/ NVW	Fresh silt and mossmat
TC276231	512724	6878306	7	45	brown	Gentle	13	21/7/06	CS/ NVW	Coarse to medium sand; incl. mossmat
TC276651	508841	6878132	7	40	grey	Mod	1,5	10/8/2006	CS/ MP	mossmat/ fine silts sparse
TC276652	508827	6878367	7	40	GB	Mod	2	10/8/2006	CS/ MP	rare silts/ mostly mossmat
TC276653	508672	6878547	7	40	GB	Mod	2	10/8/2006	CS/ MP	rare silts/ mostly mossmat
TC276654	508645	6878545	7	70	brown	Mod	2	10/8/2006	CS/ MP	dry, soil developments
TC276655	508675	6878773	7	35	grey	Gent/mod	2	10/8/2006	CS/ MP	stabilized silts
TC276656	508591	6878976	7	45	GB	Mod	2	10/8/2006	CS/ MP	mossmat/ fine sine
TC276657	508537	6879192	7	40	GB	Mod	2	10/8/2006	CS/ MP	mossmat
TC276658	508454	6879401	7	70	brown	Mod	0,5	10/8/2006	CS/ MP	mossmat
TC276659	508432	6879384	7	50	GB	Mod	2,5	10/8/2006	CS/ MP	mossmat
TC276660	508338	6879597	7	40	GB	Mod	2	10/8/2006	CS/ MP	mossmat
TC276661	508350	6879803	7	50	GB	Mod	2	10/8/2006	CS/ MP	mossmat
TC276662	508312	6880063	7	45	brown	Mod	2	10/8/2006	CS/ MP	mossmat
TC276663	508298	6880129	7	45	grey	Steep	0,5	10/8/2006	CS/ MP	dry, mossmat several sites
TC276664	508407	6880297	7	60	grey	Mod	2,5	10/8/2006	CS/ MP	stabilized silts
TC276665	508548	6880450	7	35	GB	Mod	3	10/8/2006	CS/ MP	stabilized silts
TC276667	510897	6876944	7	30	GB	Gent/mod	3	11/8/2006	CS/ MP	mossmat/ soil developments, stab silts
TC276668	510896	6876931	7	40	GB	Mod	0,5	11/8/2006	CS/ MP	mossmat
TC276670	510881	6876927	7	35	GB	Mod	3	11/8/2006	CS/ MP	mossmat, stabilized silts
TC276671	511058	6877208	7	40	GB	gentle	3	11/8/2006	CS/ MP	mossmat, stabilized silts
TC276672	511257	6877424	7	40	black/br	Mod	1	11/8/2006	CS/ MP	mossmat, stabilized silts
TC276673	511333	6877435	7	30	db	Gentle	4	11/8/2006	CS/ MP	stabilized silts
TC276674	511624	6877485	7	35	lt brown	Gentle	5	11/8/2006	CS/ MP	mossmat, soil developments
TC276675	511905	6877584	7	20	db	Gentle	5	11/8/2006	CS/ MP	stabilized silts
TC276676	512129	6877599	7	45	gb	Mod	5	11/8/2006	CS/ MP	stabilized silts
TC276677	512334	6877636	7	35	gb	Mod	5	11/8/2006	CS/ MP	mossmat, stabilized silts
TC276678	512485	6877824	7	40	db	Mod	5	11/8/2006	CS/ MP	mossmat, stabilized silts
TC276679	512601	6878050	7	20	brown	Mod	5	11/8/2006	CS/ MP	mossmat, soil developments
TC276680	512052	6880732	7	20	db	Mod	0,5	12/8/2006	CS/ MP	dry, soil developments, mossmat
TC276681	511896	6880846	7	60	db	Mod	0,5	12/8/2006	CS/ MP	high organics/ intermitent flow
TC276682	511825	6880989	7	55	db	Mod	1,5	12/8/2006	CS/ MP	several channels, dry
TC276683	511800	6881220	7	70	grey	Gentle	3	12/8/2006	CS/ MP	stabilized silts
TC276684	511572	6881507	7	60	brown	Gentle	4	12/8/2006	CS/ MP	stabilized silts
TC276685	511536	6881513	7	50	gb	Steep	0,5	12/8/2006	CS/ MP	stabilized silts
TC276686	511500	6881700	7	70	brown	Gentle	4	12/8/2006	CS/ MP	bank silts
TC276687	511420	6881947	7	70	brown	mod	5	12/8/2006	CS/ MP	sparse pockets silts
TC276688	511383	6881990	7	70	brown	mod	0,5	12/8/2006	CS/ MP	dry, mossmat
TC276689	511400	6882250	7	80	brown	mod	5	12/8/2006	CS/ MP	bank silts
TC276690	511481	6882600	7	60	gb	Gentle	5	12/8/2006	CS/ MP	2 channels, stabilized silts
TC276691	508621	6880616	7	65	gb	Mod	1	13/8/2006	CS/ MP	mossmat
TC276692	508567	6880900	7	70	brown	Mod	1,5	13/8/2006	CS/ MP	mossmat
TC276693	508375	6881050	7	70	brown	Mod	2	13/8/2006	CS/ MP	mossmat
TC276694	508177	6881181	7	60	gb	Mod	2	13/8/2006	CS/ MP	mossmat
TC276696	508060	6881254	7	90	brown	Mod	0,5	13/8/2006	CS/ MP	mossmat, high organics
TC276697	507945	6881210	7	70	brown	Mod	2	13/8/2006	CS/ MP	mossmat
TC276698	507737	6881170	7	80	brown	Mod	2	13/8/2006	CS/ MP	abondant fine silts
TC276699	507504	6881087	7	60	brown	Mod	2	13/8/2006	CS/ MP	mossmat, stabilized silts

	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6
SAMPLE	Au	Au Check	Pt	Pt Check	Pd	Pd Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
DESCRIPTION	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
TC035251	0.001		<0.005		0.002		<0.5	7.34	18	480	0.9	<2	3.24	<0.5	16	106	57	4.46
TC035252	0.001		<0.005		0.002		<0.5	7.22	14	500	0.9	<2	3.03	<0.5	13	102	50	4.04
TC035253	0.003		<0.005		0.002		<0.5	7.25	5	550	0.9	<2	3.1	<0.5	17	111	67	4.66
TC035254	0.002		<0.005		<0.001		<0.5	7.14	14	580	0.8	<2	3.05	<0.5	17	133	68	4.85
TC035255	NSS		NSS		NSS		0.5	7.59	22	580	0.8	<2	3.6	<0.5	22	155	98	5.52
TC035256	0.003		<0.005		0.006		<0.5	7.68	14	740	0.9	<2	3.98	<0.5	24	146	103	5.58
TC035257	0.017		<0.005		0.006		<0.5	7.34	23	620	0.8	<2	3.49	<0.5	23	174	106	5.74
TC035258	0.004		<0.005		0.002		<0.5	7.91	15	530	1	<2	3.29	<0.5	25	155	83	4.92
TC035259	0.006		<0.005		0.003		<0.5	7.97	25	520	1	<2	3.32	<0.5	23	139	83	4.84
TC035260	0.003		<0.005		0.002		<0.5	7.38	20	470	0.9	<2	3.3	<0.5	20	155	75	4.94
TC035261	0.02		<0.005		0.003		<0.5	7.2	17	480	1	<2	3.1	<0.5	22	127	96	4.64
TC035262	0.002		0.006		0.002		0.5	7.5	12	510	0.9	<2	3.24	<0.5	18	139	79	4.93
TC035263	0.009		<0.005		0.002		<0.5	7.61	<5	520	0.9	<2	3.54	<0.5	19	133	63	5.14
TC035264	0.016		<0.005		0.003		<0.5	7.31	12	470	0.9	<2	3.18	<0.5	18	129	80	4.66
TC035265	0.001		<0.005		0.007		<0.5	7.36	10	520	0.9	<2	3	<0.5	16	114	53	4.11
TC035266	0.004		<0.005		0.003		<0.5	7.44	23	490	0.9	<2	3.28	<0.5	18	134	58	4.66
TC035267	0.002		<0.005		0.001		<0.5	7.6	19	510	0.9	<2	3.32	<0.5	18	134	53	4.83
TC035268	0.002		<0.005		0.001		<0.5	7.55	<5	450	0.9	<2	3.85	<0.5	20	122	64	5.42
TC035269	0.001		<0.005		0.002		<0.5	7.91	18	450	0.8	<2	4	<0.5	20	139	62	5.62
TC035270	0.055		<0.005		0.001		<0.5	7.47	8	470	0.8	<2	3.87	<0.5	24	160	61	5.84
TC035271	NSS		NSS		NSS		<0.5	7.88	<5	510	0.8	<2	3.97	<0.5	23	132	65	5.87
TC035272	0.005		<0.005		0.005		<0.5	7.27	23	420	1.1	<2	2.43	<0.5	45	190	216	9.85
TC035273	0.024	NSS	<0.005	NSS	0.064	NSS	0.5	7.07	8	370	0.6	<2	3.7	<0.5	35	306	162	7.01
TC035274	<0.001		<0.005		0.009		<0.5	7.08	22	360	0.7	<2	3.69	<0.5	42	333	186	7.15
TC035275	0.013		<0.005		0.015		<0.5	6.26	22	310	<0.5	<2	4.66	<0.5	61	745	174	7.86
TC035276	0.006		<0.005		0.011		<0.5	5.96	18	280	<0.5	<2	4.61	<0.5	53	686	166	7.39
TC035277	0.006		<0.005		0.01		<0.5	6.36	11	390	<0.5	<2	3.95	<0.5	51	668	140	7.18
TC035278	0.023	NSS	0.023	NSS	0.024	NSS	<0.5	6.22	32	350	<0.5	<2	4.36	<0.5	52	798	134	7.29
TC035279	0.01		<0.005		0.011		<0.5	6.38	27	370	<0.5	<2	4.2	<0.5	53	737	149	7.29
TC035280	0.004		<0.005		0.002		<0.5	7.95	6	690	1.1	<2	2.28	<0.5	25	215	98	5.35
TC035281	0.01		<0.005		0.003		<0.5	8.12	6	710	1.1	<2	2.32	<0.5	24	214	90	5.56
TC035282	0.006		<0.005		0.002		<0.5	7.88	16	680	1.1	<2	2.49	<0.5	27	239	87	5.49
TC035283	0.004		<0.005		<0.001		<0.5	7.92	13	690	1	<2	2.49	<0.5	22	153	77	5.19
TC035284	0.001		<0.005		0.001		<0.5	7.75	8	660	1.1	<2	2.41	<0.5	23	201	98	5.18
TC035285	0.008		<0.005		0.001		<0.5	7.6	16	640	1	<2	2.35	<0.5	25	199	88	5.18
TC035286	0.003		<0.005		0.003		<0.5	7.46	11	630	1	<2	2.31	<0.5	24	220	94	5.17
TC035462	0.017	NSS	<0.005	NSS	0.003	NSS	<0.5	6.64	<5	510	0.9	<2	2.25	<0.5	13	73	53	3.91
TC035463	<0.001		<0.005		<0.001		<0.5	8	17	660	1.2	<2	2.25	<0.5	17	82	60	4.71
TC035464	0.003		<0.005		<0.001		<0.5	7.84	14	440	0.9	<2	1.85	<0.5	18	70	51	4.75
TC035465	0.016		<0.005		0.007		<0.5	7.36	6	460	0.9	<2	1.98	<0.5	12	63	50	4.21
TC035466	NSS		NSS		NSS		<0.5	8.14	35	400	0.7	<2	1.6	<0.5	18	60	67	5.53
TC035467	0.001		<0.005		<0.001		<0.5	7.9	43	420	0.8	<2	1.99	<0.5	18	67	59	5.32
TC035468	0.005		<0.005		<0.001		<0.5	8.25	14	480	0.8	<2	1.84	<0.5	17	59	66	5.31
TC035469	0.004		<0.005		0.002		<0.5	7.73	28	390	0.7	<2	2.46	<0.5	15	53	65	4.65
TC035470	0.003		<0.005		0.001		<0.5	8.32	36	350	0.8	<2	1.48	<0.5	20	79	88	5.53
TC035471	0.005		<0.005		0.001		<0.5	8.56	25	430	0.8	<2	2.32	<0.5	19	60	74	5.07
TC035472	0.011		<0.005		0.004		<0.5	8.28	19	540	0.8	2	4.1	<0.5	28	140	117	6.36
TC035473	0.018		<0.005		0.005		<0.5	7.37	11	950	0.7	<2	4.11	<0.5	29	207	125	11.05
TC035474	0.013		<0.005		0.007		<0.5	8.3	18	640	0.8	<2	4.11	<0.5	27	162	133	6.78
TC035475	0.105		<0.005		0.001		<0.5	7.73	15	1100	0.7	<2	4.23	<0.5	31	246	119	11.3
TC035476	0.006		0.01		0.004		<0.5	8	19	690	0.8	<2	4.16	<0.5	26	161	119	7.02
TC035477	0.001		0.006		0.003		<0.5	6.9	<5	480	0.7	<2	2.68	<0.5	17	90	29	4.42
TC035478	0.033		0.01		0.003		<0.5	6.17	21	710	0.7	5	3.61	0.9	55	75	31	9.05
TC035479	0.005		0.006		0.003		<0.5	8.08	9	590	1	<2	2.84	<0.5	22	158	107	5.19
TC035480	0.003		<0.005		0.002		<0.5	7.89	<5	550	1	<2	3.2	<0.5	18	117	39	4.39
TC035481	0.008		0.007		0.002		<0.5	8	5	530	1	<2	3.48	<0.5	23	178	65	5.32
TC035482	0.058		0.01		0.001		<0.5	7.85	<5	540	0.9	<2	3.71	<0.5	25	181	71	5.98
TC035483	<0.001		<0.005		0.004		<0.5	8.2	10	450	0.8	<2	3.22	<0.5	24	163	64	5.25
TC035484	0.026		0.009		0.003		<0.5	7.73	5	480	0.8	<2	3.39	<0.5	25	170	72	5.28
TC035485	0.001		<0.005		0.003		<0.5	8.27	<5	530	0.9	<2	3.47	<0.5	23	127	63	5.03
TC035486	0.006		0.022		0.021		<0.5	7.56	5	360	0.7	2	5.16	<0.5	38	213	154	7.32
TC035487	<0.001		0.009		<0.001		<0.5	7.79	15	380	0.7	3	4.35	<0.5	31	170	101	6.62
TC035488	0.107		<0.005		0.004		<0.5	7.98	11	540	0.8	<2	4.18	<0.5	29	157	115	7.4
TC035489	0.039		0.005		0.003		<0.5	8.29	13	590	0.8	<2	4.09	<0.5	28	126	112	6.49
TC035490	0.009		0.008		0.007		<0.5	8.47	13	590	0.8	<2	4.14	<0.5	27	120	131	6.21
TC035491	0.007		<0.005		0.003		<0.5	8.31	22	670	0.8	<2	4.43	<0.5	29	154	112	7.37
TC035492	0.232		0.006		0.005		<0.5	7.65	13	590	0.7	<2	4.2	<0.5	30	211	127	10.3
TC035493	0.015		<0.005		0.004		<0.5	8.13	17	490	0.8	3	4.18	<0.5	26	141	121	6.52
TC035494	0.008		<0.005		0.004		<0.5	8.36	13	530	0.9	<2	4.17	<0.5	29	124	127	6.16
TC035495	0.013		0.006		0.005		<0.5	8.57	19	500	0.8	<2	4.2	<0.5	28	131	137	6.34
TC035496	0.018		0.017		0.003		<0.5	8.58	21	640	1	2	4.08	<0.5	27	109	132	5.53
TC035497	0.002		0.021		0.003		<0.5	7.61	<5	460	1	<2	3.09	<0.5	20	91	94	4.33
TC035498	0.001		<0.005		0.003		<0.5	7.65	8	440	1	<2	3.47	<0.5	20	126	92	4.71
TC035499	0.003		<0.005		0.004		<0.5	7.8	9	490	1	<2	2.88	<0.5	19	108	66	4.42
TC035500	0.001		0.007		0.001		<0.5	7.52	5	470	1	<2	3.12	<0.5	18	114	62	4.51
TC035601	0.193		0.006		0.003		<0.5	7.76	<5	520	0.9	<2	3.41	<0.5	19	119	68	5.56
TC035602	0.003		0.005		0.003		<0.5	7.84	6	420	0.8	<2	3.85	<0.5	26	141	69	5.97
TC035603	0.278		0.005		0.003		<0.5	7.74	10	390	0.7	<2	3.93	<0.5	28	139	86	6.68
TC035604	0.011		0.006		0.004		<0.5	7.88	15	380	0.8	<2	3.97	<0.5	29	113	91	6.47
TC035605	0.007		<0.005		0.002		<0.5	8.13	<5	530	0.9	<2	3.27	<0.5	18	129	31	4.19
TC035606	0.002		0.008		0.003		<0.5	7.88	8	410	0.8	<2	3.88	<0.5	24	125	68	5.94
TC035607	0.001		0.01		0.005		<0.5	8.33	20	360	0.7	<2	4.69	<0.5	28	113	82	7.29
TC035608	0.005		0.009		0.006		<0.5	8.94	26	900	0.7	<2	2.92	1	22	146	83	5.82
TC035609	0.005		<0.005		0.002		<0.5	7.69	8	1010	0.9	<2	1.48	<0.5	15	72	107	4.02
TC035610	0.002		0.007		0.004		<0.5	8.27	15	690	0.9	<2	2.05	<0.5	16	71	76	5
TC035611	0.031		0.007		0.003		<0.5	8.67	19	750	0.7	<2	2.85	0.9	24	146	80	5.59
TC035612	0.004		<0.005		0.001		<0.5	8.6	27	710	0.8	<2	3.1	0.9	30	150	88	6.08
TC035613	0.002		0.007		0.003		0.7	8.81	24	580	0.7	<2	2.1	0.8	18	82	91	5.7
TC035614	0.002		<0.005		0.004		<0.5	8.51	26	660	0.7	<2	3.24	0.7	22	147	75	5.66
TC035615	0.013		0.009		0.004		<0.5	8.38	17	430	0.8	<2	2.06	1	18	67	105	5.54
TC035616	0.011		0.009		0.001		<0.5	9.09	20	560	0.8	<2	3.77	0.9	21	116	71	5.67
TC035617	0.008		0.009		0.002		<0.5	9.11	19	530	0.9	<2	3.77	0.6	22	113	76	5.64
TC035618	0.007		0.005		0.003		<0.5	8.81	11	530	0.8	<2	4.23	0.7	21	125	98	5.9
TC035619	0.004		0.005		0.003		<0.5	9.04	<5	570	0.8	<2	4.21	0.6	24	125	83	5.93
TC035620	0.011		<0.005		0.005		<0.5	8.68	15	600	0.9	<2	3.8	0.6	24	169	101	5.98
TC035621	0.011		<0.005		0.004		<0.5	8.55	13	640	0.9	<2	3.85	0.5	23	164	104	5.88
TC035622	0.006		0.015		0.032		<0.5	8.85	16	600	0.9	<2	2.82	<0.5	19	136	64	5.51
TC035623	0.012		<0.005		0.004		<0.5	8.15	7	620	0.9	<2	3.96	<0.5	27	156	88	5.61
TC035624	0.009		0.008		0.002		<0.5	8.6	13	520	1.1	<2	3.09	0.6	19	140	78	5.31
TC035625	0.006		<0.005		0.006		<0.5	8.61	13	600	0.9	<2	3.73	0.5	22	155	73	5.66
TC035626	0.006		<0.005		0.004		<0.5	8.31	21	600	0.9	<2	3.9	0.5	24	141	80	5.53
TC035627	0.008		0.007		0.008		<0.5	8.68	17	600	1	<2	4.15	0.6	25	150	86	5.7
TC035628	0.011		<0.005		0.001		<0.5	8.34	14	540	1	<2	3.11	<0.5	19	109	49	4.97
TC035629	0.013		<0.005		0.004		<0.5	8.29	13	620	0.9	<2	4.17	<0.5	21	162	80	5.52
TC035630	0.008		<0.005		0.004		0.6	8.62	17	650	0.9	<2	4.26	0.6	24	156	81	5.69
TC035631	0.011		0.006		0.004		<0.5	8.38	17	630	0.9	<2	4.07	0.5	22	163	76	5.55
TC035632	0.015		0.007		0.004		<0.5	8.14	12	600	0.9	<2	4.06	<0.5	21	140	75	5.33
TC035663	0.033		0.01		0.013		<0.5	7.39	45	650	0.5	<2	3.85	0.5	55	319	127	8.16
TC035664	0.002		<0.005		0.007		<0.5	7.58	18	750	0.6	<2	3.27	<0.5	43	379	105	6.51
TC035665	0.003		0.011		0.008		<0.5	8.08	<5	470	0.7	<2	3.79	<0.5	31	219	109	6.4
TC035666	0.003		<0.005		0.007		<0.5	7.79	10	680	0.7	<2	3.26	0.5	34	272	102	6.01

TC035667	0.001		<0.005		0.004		<0.5	7.79	11	600	0.7	<2	3.01	<0.5	30	215	100	5.59
TC035668	0.003		0.009		0.005		<0.5	7.49	17	800	0.9	<2	5.26	<0.5	27	234	95	5.65
TC035669	0.008		<0.005		0.005		<0.5	7.72	12	690	0.7	<2	3.87	<0.5	28	221	88	5.74
TC035670	0.004		<0.005		0.005		<0.5	7.84	19	710	0.9	<2	3.59	<0.5	28	205	105	5.56
TC035671	0.004		0.007		0.004		<0.5	8.11	20	660	0.8	<2	3.64	0.5	25	176	93	5.64
TC035672	0.003		<0.005		0.003		<0.5	8.25	8	760	0.9	<2	3.41	<0.5	27	179	86	5.63
TC035673	0.007		<0.005		0.003		<0.5	7.86	8	740	1	<2	3.37	<0.5	26	156	88	5.12
TC035674	0.007		<0.005		0.002		<0.5	7.95	21	730	1.1	<2	3.59	<0.5	29	155	107	5.34
TC035675	0.002		0.013		0.019		<0.5	8.33	24	510	0.9	<2	2.54	<0.5	21	87	94	5.24
TC035676	0.006		<0.005		0.004		0.8	7.92	19	710	1	<2	3.52	<0.5	24	150	92	5.18
TC035677	0.006		<0.005		0.004		<0.5	8.36	30	730	1.1	<2	3.21	<0.5	25	114	93	5.38
TC035678	0.004		<0.005		0.004		<0.5	8.22	71	680	0.9	<2	4.23	<0.5	26	147	99	5.84
TC035679	0.004		<0.005		0.003		<0.5	8.29	26	730	1	<2	3.84	<0.5	24	138	89	5.32
TC035680	0.003		<0.005		0.002		<0.5	7.95	38	710	1	<2	4.28	<0.5	23	122	97	5.19
TC035681	0.003		<0.005		0.003		<0.5	8.03	91	700	0.9	<2	4.33	<0.5	23	114	87	5.52
TC035682	0.003		<0.005		0.002		<0.5	7.8	56	680	0.9	<2	4.06	<0.5	22	117	79	5.19
TC035683	0.005		<0.005		0.002		0.5	7.88	49	660	1	<2	3.92	<0.5	23	128	87	5.2
TC035684	0.005		<0.005		0.002		<0.5	7.83	22	660	0.9	<2	3.31	<0.5	22	119	73	4.94
TC035685	0.005		<0.005		0.002		<0.5	7.92	66	640	0.9	<2	4.01	<0.5	23	105	82	5.16
TC276201	0.039		0.007		0.008		<0.5	9.1	21	310	0.6	<2	6.37	<0.5	42	111	195	7.59
TC276202	0.036		<0.005		0.007		<0.5	8.85	23	280	0.6	4	5.87	<0.5	34	102	180	7.07
TC276203	0.069		<0.005		0.005		<0.5	8.18	16	370	0.9	3	2.96	<0.5	22	71	207	6.67
TC276204	0.021		<0.005		0.004		<0.5	8.88	18	380	0.9	<2	3.45	<0.5	33	87	170	6.98
TC276205	0.071		0.005		0.005		<0.5	8.39	17	360	0.7	<2	4.69	<0.5	30	181	114	7.54
TC276206	0.026		0.011		0.007		<0.5	8.44	10	260	0.6	<2	5.68	<0.5	35	104	161	7.12
TC276207	0.006		<0.005		0.005		<0.5	8.65	9	760	1.1	4	3.38	<0.5	22	219	59	5.42
TC276208	0.056		0.008		0.004		<0.5	8.52	12	340	0.7	3	4.9	<0.5	33	183	142	9.02
TC276209	0.023		<0.005		0.005		<0.5	8.97	<5	490	0.8	<2	5.02	<0.5	34	188	122	8.28
TC276210	0.02		0.011		0.006		<0.5	9.21	12	430	0.8	<2	4.73	<0.5	31	141	133	6.3
TC276211	0.035		0.011		0.006		<0.5	9.15	11	480	0.9	3	4.66	<0.5	30	124	129	6.43
TC276212	0.015		0.005		0.004		<0.5	8.5	7	330	0.7	3	5.18	<0.5	23	101	120	5.58
TC276213	0.043		0.006		0.006		<0.5	8.6	15	440	0.8	2	4.58	<0.5	29	147	122	6.76
TC276214	0.013		<0.005		0.003		<0.5	8.12	5	300	0.6	3	5.67	<0.5	26	121	90	6.78
TC276215	0.015		<0.005		0.005		<0.5	8.26	11	420	0.8	3	4.45	<0.5	29	130	143	6.25
TC276216	0.014		<0.005		0.006		0.7	7.23	18	660	0.8	2	2.94	0.7	36	293	119	6.09
TC276217	0.008		<0.005		0.009		<0.5	7.83	28	260	0.7	2	5.15	<0.5	31	136	187	6.78
TC276218	0.01		<0.005		0.006		0.7	7.72	38	430	0.8	3	4.56	<0.5	27	130	140	6.9
TC276219	0.152		0.005		0.007		<0.5	8.63	36	350	0.8	<2	4.65	<0.5	29	146	149	7.88
TC276220	0.235		<0.005		0.005		0.8	8.55	51	380	0.8	4	4.4	<0.5	29	137	142	7.92
TC276221	0.034		0.005		0.007		<0.5	8.13	39	340	0.7	6	4.49	<0.5	27	114	124	6.73
TC276222	0.031		<0.005		0.007		<0.5	8.3	41	510	0.7	3	4.6	<0.5	30	153	145	7.95
TC276223	0.01		<0.005		0.005		<0.5	8.48	28	360	0.8	3	4.91	<0.5	30	139	130	7.04
TC276224	0.026		<0.005		0.005		<0.5	8.41	35	380	0.8	<2	4.46	0.6	28	129	121	6.77
TC276225	0.032		<0.005		0.006		<0.5	8.27	40	410	0.8	2	4.44	<0.5	26	128	113	7.04
TC276226	0.185		<0.005		0.003		<0.5	8.32	30	470	0.7	<2	4.61	<0.5	30	139	116	7.6
TC276227	0.279		0.074		0.005		<0.5	8.52	21	410	0.8	<2	4.39	<0.5	34	216	132	9.55
TC276228	0.028		<0.005		0.004		<0.5	8.38	38	340	0.8	<2	4.22	<0.5	32	117	152	6.62
TC276229	0.05		<0.005		0.005		<0.5	8.53	21	410	0.8	2	4.47	<0.5	32	174	118	8.39
TC276230	0.014		<0.005		0.005		<0.5	7.67	13	380	0.7	<2	4.2	<0.5	28	192	137	8.29
TC276231	0.741		<0.005		0.006		<0.5	6.9	14	330	0.6	<2	4.1	<0.5	34	337	122	15.1
TC276651	0.01		<0.005		0.004		<0.5	8.25	9	460	1	<2	3.61	<0.5	25	125	119	5.17
TC276652	0.004		<0.005		0.003		<0.5	7.99	<5	440	1	<2	3.55	<0.5	24	115	104	4.83
TC276653	0.009		<0.005		<0.001		<0.5	8.36	<5	470	1	<2	3.52	<0.5	25	129	107	5.2
TC276654	0.003		<0.005		0.006		0.6	7	8	460	1	<2	3.15	<0.5	18	101	100	4.11
TC276655	0.003		<0.005		0.002		<0.5	8.22	<5	480	1	<2	3.43	<0.5	22	125	93	4.99
TC276656	0.012		<0.005		0.003		<0.5	8.11	10	470	0.9	<2	3.53	<0.5	21	130	88	4.97
TC276657	0.002		<0.005		0.002		<0.5	7.75	14	440	0.9	<2	3.32	<0.5	21	125	92	4.75
TC276658	0.002		<0.005		0.002		<0.5	8.37	<5	610	1.1	<2	2.63	<0.5	19	107	51	4.82
TC276659	0.003		<0.005		0.003		<0.5	8.3	5	500	1	<2	3.43	<0.5	22	124	91	4.97
TC276660	0.001		<0.005		0.001		<0.5	7.76	<5	470	0.9	<2	3.25	<0.5	20	127	72	4.6
TC276661	0.002		<0.005		0.002		<0.5	8.16	6	540	1	<2	3.14	<0.5	18	118	62	4.58
TC276662	0.003		<0.005		0.002		<0.5	8.3	11	530	1	<2	3.16	<0.5	20	115	66	4.61
TC276663	<0.001		<0.005		<0.001		<0.5	7.57	13	540	0.9	<2	3.17	<0.5	19	106	49	5.24
TC276664	0.004		<0.005		0.003		<0.5	8.16	17	520	1	<2	3.35	<0.5	20	117	86	4.75
TC276665	0.001		<0.005		0.002		<0.5	8.01	<5	520	1	<2	3.52	<0.5	19	119	75	4.97
TC276667	0.258		<0.005		0.003		<0.5	8.04	42	620	0.9	<2	3.3	<0.5	23	116	124	6.02
TC276668	0.008		<0.005		0.003		<0.5	8.17	32	460	1	<2	3.14	<0.5	20	100	88	5.43
TC276670	0.057		<0.005		0.003		1	8.14	52	560	1	<2	3.36	<0.5	28	107	118	5.89
TC276671	0.037		<0.005		0.002		<0.5	8.3	40	600	1	<2	4.06	<0.5	29	107	134	5.95
TC276672	0.007		<0.005		0.004		<0.5	8.29	8	770	0.9	<2	3.69	<0.5	26	159	91	6.08
TC276673	0.028		<0.005		<0.001		<0.5	7.95	21	610	0.9	<2	4.01	<0.5	23	85	85	5.1
TC276674	0.022		<0.005		0.004		<0.5	8.06	18	720	1	<2	3.58	<0.5	24	114	98	5.89
TC276675	0.11		<0.005		0.002		0.6	8.36	26	630	1	<2	4.7	<0.5	24	91	114	5.47
TC276676	0.046		<0.005		0.004		<0.5	8.24	39	680	0.9	<2	4.23	<0.5	26	113	99	5.82
TC276677	0.106		<0.005		0.005		<0.5	8	39	600	0.9	<2	3.74	<0.5	26	169	100	6.6
TC276678	0.027		<0.005		0.008		<0.5	7.93	15	570	0.9	<2	3.87	<0.5	25	123	107	5.9
TC276679	0.011		<0.005		0.005		<0.5	7.94	24	480	0.8	<2	4.07	<0.5	26	142	102	6.13
TC276680	<0.001		<0.005		0.001		<0.5	6.84	23	310	0.6	<2	2.08	<0.5	15	48	51	4.61
TC276681	<0.001		<0.005		0.001		<0.5	7.28	22	340	0.6	<2	2.23	<0.5	10	55	46	3.84
TC276682	0.001		<0.005		0.002		<0.5	8.2	36	350	0.7	3	2.12	<0.5	15	63	54	4.53
TC276683	0.01		<0.005		0.004		<0.5	8.6	20	630	0.8	4	4	<0.5	26	152	113	6.93
TC276684	0.206		<0.005		0.004		<0.5	7.78	25	1040	0.7	3	4.6	<0.5	29	260	106	11.15
TC276685	0.003		<0.005		<0.001		<0.5	8.99	21	510	0.8	5	2.17	<0.5	21	63	52	5.11
TC276686	0.079		<0.005		0.003		<0.5	8.18	23	820	0.7	4	3.93	<0.5	27	239	97	10.25
TC276687	0.086		<0.005		0.005		<0.5	8.3	16	770	0.7	4	3.91	<0.5	27	189	104	8.19
TC276688	0.006		<0.005		0.001		<0.5	8.61	12	490	0.9	3	3.5	<0.5	17	118	44	5.07
TC276689	0.202		<0.005		0.004		<0.5	8.21	20	950	0.7	5	3.91	<0.5	27	241	94	10.1
TC276690	0.012		<0.005		0.002		<0.5	8.49	13	960	0.8	3	4.53	<0.5	30	194	108	9.06
TC276691	0.183		<0.005		0.002		<0.5	8.84	8	550	1	2	3.53	<0.5	21	121	74	5.79
TC276692	0.002		<0.005		0.003		0.8	8.84	21	410	0.8	3	4.12	<0.5	29	132	120	7.49
TC276693	0.006		<0.005		0.002		<0.5	8.82	21	420	0.8	4	4.42	<0.5	34	158	112	7.97
TC276694	0.008		<0.005		0.002		<0.5	8.49	21	420	0.8	3	4.26	<0.5	31	146	112	7.42
TC276696	0.002		<0.005		<0.001		<0.5	7.42	9	570	0.9	5	3.13	<0.5	17	100	39	5.09
TC276697	0.001		<0.005		0.002		<0.5	8.65	19	430	0.8	<2	4.5	<0.5	31	174	94	7.6
TC276698	<0.001		<0.005		0.008		<0.5	8.17	16	280	0.7	<2	4.45	<0.5	27	74	74	6.6
TC276699	0.009		0.005		0.005		<0.5	7.95	18	350	0.8	<2	4.31	<0.5	31	106	99	6.91

ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	ME-ICP6	S-IR08
K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn	S
%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%
1.01	1.72	632	2	1.84	39	1020	13	0.05	<5	362	0.51	151	<10	91	0.04
0.97	1.56	564	1	1.61	39	1050	14	0.08	<5	334	0.47	139	<10	98	0.07
1.11	1.86	724	2	1.56	40	970	15	0.06	<5	323	0.48	161	10	109	0.06
1.14	1.93	683	2	1.56	43	1000	10	0.07	<5	323	0.51	170	<10	97	0.05
1.22	2.38	961	2	1.64	63	910	24	0.08	<5	373	0.54	195	<10	134	0.08
1.27	2.35	1060	2	1.64	61	830	13	0.08	<5	383	0.58	208	<10	138	0.07
1.13	2.45	911	2	1.57	65	840	19	0.09	<5	334	0.55	208	<10	132	0.08
1.3	2.54	939	1	1.75	58	920	14	0.03	<5	493	0.5	184	<10	97	0.03
1.24	2.52	958	3	1.76	55	930	6	0.03	<5	489	0.47	169	<10	101	0.03
1.1	2.34	862	2	1.69	51	920	10	0.03	<5	434	0.49	173	<10	95	0.04
1.2	2.31	1030	2	1.56	50	1050	10	0.06	<5	412	0.45	168	<10	99	0.05
1.15	2.27	848	1	1.71	44	990	13	0.05	<5	432	0.49	174	<10	97	0.04
1.17	2.38	837	2	1.85	42	900	12	0.04	<5	452	0.48	177	<10	91	0.04
1.12	2.13	644	2	1.63	45	1060	9	0.06	<5	386	0.45	159	<10	92	0.06
1.14	1.81	738	2	1.87	38	850	10	0.05	<5	405	0.46	141	10	89	0.06
1.15	2.09	791	3	1.86	41	850	9	0.05	<5	431	0.49	164	<10	93	0.05
1.15	2.12	777	2	1.89	44	840	11	0.04	<5	425	0.52	165	<10	95	0.03
0.93	2.23	960	3	1.72	45	810	8	0.07	<5	421	0.47	176	<10	94	0.08
0.95	2.41	979	2	1.91	45	730	7	0.08	<5	448	0.48	183	<10	91	0.07
0.94	2.38	1010	2	1.7	48	750	5	0.16	<5	398	0.52	197	<10	96	0.15
0.98	2.48	1090	1	1.81	50	770	9	0.12	<5	409	0.47	189	<10	98	0.12
0.7	2.46	1975	5	1.53	66	870	11	0.06	<5	241	0.44	287	<10	113	0.05
0.66	4.27	1390	2	1.39	104	750	5	0.04	<5	293	0.4	234	<10	86	NSS
0.73	4.2	1420	4	1.33	121	770	9	0.07	<5	286	0.43	249	<10	95	0.07
0.39	7.77	1335	4	0.63	249	570	12	0.24	<5	223	0.29	236	<10	98	0.24
0.43	6.96	1180	3	0.62	226	540	16	0.3	<5	221	0.29	228	<10	97	0.39
0.62	6.55	1095	4	0.77	199	570	17	0.33	<5	224	0.33	229	<10	97	0.37
0.47	6.83	1155	3	0.71	219	610	14	0.45	<5	206	0.31	232	<10	90	0.5
0.6	6.46	1155	3	0.73	213	600	8	0.31	<5	228	0.34	233	<10	100	0.33
1.56	3.37	962	2	1.64	79	940	10	0.05	<5	264	0.44	188	<10	130	0.06
1.55	3.42	973	2	1.67	83	990	12	0.06	<5	265	0.44	190	<10	133	0.06
1.51	3.4	968	2	1.65	85	940	10	0.08	<5	274	0.45	194	<10	129	0.07
1.45	2.63	953	2	1.82	65	820	9	0.04	<5	300	0.48	183	<10	123	0.04
1.42	3.17	986	3	1.64	81	900	8	0.06	<5	279	0.43	175	<10	125	0.06
1.44	3.2	954	3	1.61	81	910	11	0.05	<5	253	0.43	180	<10	124	0.06
1.43	3.18	941	2	1.53	80	880	14	0.06	<5	256	0.43	182	<10	123	0.06
1.1	1.23	798	1	1.36	36	1370	9	0.11	<5	254	0.38	118	<10	100	0.1
1.41	1.27	856	2	1.72	35	1120	8	0.06	<5	295	0.45	148	10	101	0.05
1.32	0.96	788	2	1.43	27	780	10	0.07	<5	258	0.48	152	<10	111	0.07
1.26	1	631	2	1.39	27	940	8	0.08	<5	248	0.38	132	<10	107	0.08
1.74	0.82	918	4	1.13	30	670	15	0.2	<5	177	0.42	155	<10	98	0.21
1.42	0.99	901	3	1.35	30	780	14	0.11	<5	251	0.43	154	<10	110	0.13
1.59	0.95	1010	3	1.34	25	740	11	0.13	<5	261	0.45	156	<10	103	0.15
1.54	0.93	828	3	1.14	26	720	16	0.17	<5	240	0.41	139	<10	110	0.15
1.52	1.25	733	3	1.31	35	580	14	0.05	<5	211	0.47	184	<10	104	0.05
1.65	1.07	729	1	1.22	28	650	10	0.29	5	258	0.49	161	<10	104	0.33
1.14	2.79	1115	<1	1.91	50	930	9	0.1	<5	418	0.5	249	<10	105	0.11
1.05	2.67	1235	<1	1.62	53	890	8	0.27	<5	370	0.61	493	<10	122	0.27
1.17	2.73	1195	<1	1.85	54	1020	6	0.14	<5	399	0.54	262	<10	120	0.12
1.06	2.79	1260	<1	1.71	57	1040	9	0.27	<5	382	0.64	491	<10	120	0.23
1.17	2.64	1140	<1	1.82	50	920	6	0.15	<5	399	0.53	285	<10	109	0.18
0.84	1.72	769	<1	1.81	35	1130	7	0.12	<5	374	0.43	113	<10	126	0.09
0.61	1.75	11450	<1	1.51	54	1140	4	0.08	<5	507	0.36	117	<10	230	0.06
0.95	2.15	1130	<1	1.93	56	750	8	0.02	<5	361	0.5	168	<10	116	0.03
1.09	1.74	704	<1	2.01	39	980	8	0.03	<5	386	0.61	151	<10	115	0.04
1	2.29	1240	<1	1.93	56	910	5	0.04	<5	407	0.58	177	<10	140	0.03
0.98	2.37	1275	<1	1.83	55	930	6	0.09	<5	392	0.61	203	<10	136	0.08
0.9	2.79	1015	<1	1.98	59	660	5	0.03	<5	388	0.46	170	<10	105	0.03
0.92	2.62	1105	<1	1.8	64	800	4	0.04	<5	372	0.49	173	<10	113	0.03
1.03	2.35	1105	<1	2.06	50	800	6	0.04	<5	420	0.49	165	<10	103	0.04
0.67	3.62	1465	<1	1.61	76	710	6	0.11	<5	326	0.51	242	<10	113	0.08
0.76	3.16	1205	<1	1.68	62	730	6	0.07	<5	365	0.52	229	<10	112	0.08
1.13	2.73	1130	<1	1.8	52	950	4	0.19	<5	400	0.54	306	<10	117	0.17
1.15	2.74	1120	<1	1.87	49	970	9	0.13	<5	410	0.49	252	<10	110	0.14
1.16	2.71	1170	<1	1.87	52	1000	5	0.13	<5	417	0.49	230	<10	111	0.14
1.18	2.83	1180	<1	1.88	52	990	9	0.2	<5	425	0.55	304	<10	113	0.2
1	2.75	1195	<1	1.71	52	960	5	0.22	<5	390	0.56	433	<10	114	0.24
1.11	2.75	1095	<1	1.92	51	970	5	0.13	<5	423	0.5	258	<10	105	0.11
1.21	2.64	1125	<1	1.83	48	990	6	0.12	6	417	0.49	235	10	112	0.12
1.19	2.73	1145	<1	1.89	52	980	7	0.14	8	430	0.49	239	<10	108	0.11
1.3	2.62	1065	<1	1.79	47	970	6	0.12	<5	480	0.5	205	<10	147	0.12
1.07	1.82	854	<1	1.68	40	1120	19	0.08	<5	411	0.45	139	<10	112	0.07
1.01	2.04	792	<1	1.64	46	1050	14	0.06	7	391	0.48	161	<10	105	0.06
1	1.82	813	<1	1.7	44	1010	9	0.06	<5	401	0.5	148	<10	110	0.05
1	1.83	713	<1	1.67	41	1030	11	0.07	<5	393	0.52	152	<10	121	0.07
0.94	1.96	885	<1	1.98	42	880	7	0.04	<5	417	0.61	198	<10	129	0.04
0.88	2.65	931	<1	1.78	49	950	5	0.03	<5	411	0.58	198	<10	121	0.03
0.75	2.71	1115	<1	1.8	47	990	4	0.04	<5	383	0.62	225	<10	107	0.03
0.71	2.82	1185	<1	1.87	47	930	3	0.04	<5	396	0.56	218	<10	108	0.03
1.1	1.72	815	<1	2.27	35	740	7	0.03	<5	455	0.65	143	<10	89	0.03
0.83	2.47	986	<1	1.94	45	890	4	0.04	<5	416	0.59	197	<10	102	0.04
0.69	3.09	1315	<1	2.01	47	840	10	0.03	6	396	0.57	246	<10	106	0.02
1.59	2.11	801	<1	1.07	66	660	19	0.36	<5	275	0.47	175	<10	158	0.35
2.47	1.36	840	1	1.21	30	620	15	0.1	<5	169	0.34	104	10	89	0.08
1.69	1.6	892	<1	1.77	30	850	12	0.15	<5	261	0.39	130	<10	115	0.13
1.55	2.17	845	1	1.27	61	670	12	0.28	<5	271	0.45	170	<10	149	0.25
1.59	2.22	1050	2	1.19	66	650	19	0.18	<5	243	0.43	171	<10	156	0.16
1.62	1.55	883	1	1.17	43	810	17	0.22	<5	263	0.46	159	<10	128	0.16
1.63	2.12	875	1	1.26	56	570	16	0.3	<5	244	0.47	177	<10	148	0.3
1.47	1.46	780	2	1.03	33	1000	27	0.27	<5	308	0.4	151	<10	199	0.28
1.66	1.98	958	<1	1.4	44	670	14	0.23	<5	282	0.49	179	10	128	0.21
1.69	2.01	980	<1	1.46	43	770	17	0.23	5	284	0.48	175	<10	129	0.18
1.52	2.31	1060	<1	1.4	53	650	12	0.15	<5	300	0.5	186	<10	139	0.14
1.58	2.34	1145	<1	1.52	54	640	11	0.15	7	297	0.53	191	10	135	0.11
1.59	2.53	1220	<1	1.61	74	630	18	0.17	<5	333	0.5	193	<10	180	0.16
1.53	2.5	1190	<1	1.62	70	630	18	0.19	<5	329	0.5	193	<10	167	0.17
1.65	2	967	<1	1.62	54	620	14	0.18	<5	294	0.5	169	10	118	0.14
1.49	2.47	1155	<1	1.56	66	640	17	0.15	<5	328	0.48	185	<10	160	0.13
2.06	2.01	1180	<1	1.43	64	710	17	0.38	<5	200	0.41	157	<10	193	0.34
1.66	2.34	1085	<1	1.6	63	660	24	0.24	<5	301	0.51	185	<10	161	0.18
1.55	2.38	1145	<1	1.63	64	650	17	0.21	<5	326	0.47	178	<10	164	0.19
1.69	2.48	1165	<1	1.68	71	700	12	0.23	<5	337	0.5	188	10	169	0.2
1.28	1.87	890	<1	2.1	40	750	12	0.03	<5	432	0.57	171	<10	106	0.03
1.56	2.4	1110	<1	1.62	65	680	19	0.24	<5	326	0.48	180	<10	147	0.23
1.62	2.49	1170	<1	1.69	65	720	16	0.23	<5	336	0.48	182	<10	160	0.21
1.59	2.38	1120	<1	1.66	62	710	28	0.26	<5	317	0.49	182	<10	149	0.25
1.51	2.33	1070	<1	1.63	59	670	11	0.2	7	317	0.46	173	10	139	0.18
0.86	4.54	1115	<1	1.19	169	730	8	3.29	<5	219	0.38	264	<10	83	3.57
1.03	4.31	1150	<1	1.34	158	720	6	1.11	<5	261	0.38	215	10	118	0.98
1	3.87	1205	<1	1.52	87	640	3	0.1	<5	308	0.42	229	<10	104	0.09
1.14	3.46	1055	<1	1.65	105	690	8	0.74	<5	292	0.38	196	<10	108	0.65

1.26	2.94	1005	<1	1.82	81	680	8	0.45	<5	282	0.38	188	<10	101	0.48
1.29	3.55	896	<1	1.24	93	940	13	0.55	<5	243	0.39	196	<10	121	0.56
1.23	3.11	980	<1	1.63	83	740	9	0.57	9	290	0.39	187	<10	107	0.55
1.36	3.12	1050	<1	1.59	82	830	10	0.29	<5	266	0.4	190	<10	121	0.27
1.33	3.08	1055	<1	1.67	78	840	11	0.29	<5	273	0.4	185	<10	116	0.31
1.44	2.98	1055	<1	1.78	66	830	10	0.27	<5	280	0.41	190	<10	121	0.23
1.47	2.87	1035	1	1.7	73	900	6	0.23	<5	268	0.42	183	<10	118	0.22
1.49	2.91	1080	2	1.62	77	990	10	0.21	<5	271	0.45	191	<10	133	0.19
1.47	1.76	862	2	1.45	37	820	16	0.14	<5	263	0.45	159	<10	135	0.12
1.42	2.86	1040	1	1.66	75	940	8	0.23	<5	271	0.42	180	<10	120	0.2
1.65	2.65	1080	1	1.79	61	970	12	0.08	<5	263	0.46	192	<10	133	0.07
1.47	2.89	1120	1	1.74	75	940	7	0.34	<5	280	0.45	192	<10	133	0.26
1.54	2.85	1075	1	1.8	68	930	9	0.22	<5	283	0.43	183	<10	124	0.19
1.5	2.6	1045	2	1.63	65	930	8	0.16	<5	311	0.44	180	<10	125	0.15
1.53	2.48	1055	1	1.57	58	790	7	0.23	<5	258	0.41	168	<10	114	0.2
1.48	2.48	1015	1	1.6	57	800	6	0.27	<5	263	0.41	169	<10	109	0.26
1.46	2.54	1030	2	1.69	63	880	8	0.23	<5	277	0.43	177	<10	115	0.19
1.43	2.48	1000	1	1.8	55	840	6	0.1	<5	262	0.43	177	<10	104	0.09
1.54	2.41	1025	1	1.64	56	780	10	0.17	<5	262	0.41	166	<10	110	0.15
0.94	3.55	1300	2	2.01	47	1250	10	0.24	5	571	0.56	319	<10	102	0.22
0.88	3.28	1200	2	1.93	47	1090	6	0.18	<5	529	0.5	293	<10	88	0.23
1.22	1.78	1060	4	2.01	31	1500	12	0.09	<5	362	0.47	215	<10	90	0.29
1.35	2.31	1190	4	2.31	38	1480	12	0.17	6	426	0.46	245	<10	89	0.23
1.01	3.16	1165	2	2.02	60	1110	12	0.04	5	425	0.51	304	<10	90	0.16
0.85	3.22	1185	1	1.99	45	1070	9	0.22	<5	528	0.47	283	<10	82	0.18
1.4	2.4	1065	1	2.24	60	1060	10	0.05	<5	387	0.59	191	10	111	0.16
1.04	3.15	1215	2	2.09	59	1170	9	0.12	<5	469	0.53	387	<10	92	0.14
1.15	3.14	1250	2	2.19	58	1150	11	0.12	7	491	0.59	357	<10	102	0.25
1.27	3.06	1170	2	2.28	56	980	10	0.09	<5	492	0.5	242	<10	98	0.14
1.24	2.97	1170	1	2.24	55	1110	16	0.09	5	478	0.5	243	<10	96	0.16
1.04	2.8	1090	1	2.44	39	990	6	0.01	<5	526	0.44	211	<10	72	0.07
1.16	2.87	1130	2	2.17	54	1030	10	0.09	<5	466	0.49	272	<10	95	0.16
0.93	3.08	1180	1	2.33	42	1020	7	0.02	<5	513	0.47	274	<10	72	0.05
1.15	2.78	1130	2	2.17	51	1070	10	0.1	9	448	0.48	242	<10	90	0.22
1.38	3.56	1135	2	1.29	151	820	20	0.17	<5	185	0.52	215	<10	269	0.29
0.78	3.14	1115	1	1.6	58	1090	12	0.07	6	435	0.46	247	<10	103	0.25
0.92	2.35	995	2	1.6	45	1070	11	0.12	<5	382	0.47	269	<10	126	0.3
1	2.96	1140	2	1.83	49	1120	14	0.09	6	412	0.5	304	<10	141	0.2
0.95	2.85	1145	2	1.65	50	1100	16	0.14	6	372	0.51	312	<10	150	0.24
0.92	2.76	1105	2	1.71	43	970	9	0.11	<5	390	0.46	249	<10	135	0.24
0.91	2.87	1145	2	1.7	50	1080	13	0.11	6	392	0.48	312	<10	148	0.24
1.01	2.94	1180	2	1.91	47	1070	9	0.11	<5	436	0.49	268	<10	151	0.29
0.95	2.79	1100	1	1.71	50	980	13	0.09	<5	384	0.47	260	<10	140	0.16
0.95	2.85	1065	1	1.76	46	1050	14	0.09	<5	381	0.49	275	<10	130	0.2
0.94	2.87	1110	1	1.74	50	1090	9	0.09	<5	382	0.49	305	<10	134	0.22
1.11	2.88	1215	2	2.01	58	1170	6	0.14	<5	422	0.58	415	<10	102	0.14
0.97	2.76	1160	2	1.67	51	1080	9	0.08	<5	374	0.45	241	<10	141	0.24
1.16	3.03	1195	2	2.13	57	1070	11	0.07	6	436	0.53	346	<10	108	0.18
1.07	2.81	1125	1	2.05	49	1030	8	0.05	<5	417	0.51	342	<10	93	0.15
0.91	2.84	1245	1	1.79	55	960	10	0.11	6	360	0.6	707	<10	105	0.21
1.18	2.45	1085	2	1.53	51	1090	6	0.05	9	507	0.49	182	<10	110	0.05
1.14	2.29	938	2	1.55	46	1070	13	0.06	5	496	0.46	170	<10	105	0.05
1.21	2.51	1065	1	1.68	54	1100	10	0.04	<5	539	0.48	184	<10	107	0.04
0.98	1.79	758	1	1.36	50	1320	8	0.1	5	369	0.42	134	<10	97	0.09
1.23	2.41	1005	2	1.71	53	1070	11	0.04	<5	536	0.47	178	<10	104	0.04
1.15	2.35	949	1	1.71	51	1020	6	0.05	6	507	0.48	172	<10	100	0.04
1.14	2.3	852	1	1.63	46	970	10	0.04	5	494	0.47	171	<10	104	0.05
1.31	1.69	1365	1	1.77	44	980	8	0.06	8	339	0.52	153	<10	110	0.05
1.22	2.4	964	2	1.78	50	1000	6	0.04	13	530	0.49	176	<10	101	0.03
1.11	2.1	928	1	1.76	44	950	5	0.05	10	454	0.47	157	<10	95	0.05
1.17	1.91	906	1	1.87	43	1000	13	0.06	8	418	0.52	153	<10	100	0.06
1.21	1.99	868	1	1.97	43	940	7	0.05	<5	453	0.5	158	<10	101	0.05
1.04	1.67	1435	2	1.79	37	950	7	0.05	8	440	0.55	155	<10	135	0.05
1.2	2.23	794	1	1.78	47	1070	10	0.05	9	470	0.49	167	<10	111	0.05
1.14	2.01	824	1	1.83	45	990	12	0.06	10	422	0.52	164	<10	107	0.07
1.22	2.1	920	2	1.56	43	980	10	0.13	16	386	0.47	200	<10	111	0.12
1.15	2.2	944	2	1.79	38	960	9	0.06	10	385	0.49	189	<10	108	0.06
1.3	2.09	908	2	1.58	44	990	12	0.13	11	390	0.46	201	<10	111	0.13
1.33	2.34	1025	2	1.64	44	1000	13	0.18	14	401	0.48	205	<10	114	0.15
1.21	2.41	1030	1	1.87	58	900	10	0.08	<5	386	0.66	226	<10	130	0.06
1.3	2.23	988	1	1.46	39	910	11	0.12	14	480	0.43	172	<10	106	0.13
1.28	2.35	989	2	1.57	43	1030	10	0.13	10	451	0.47	211	<10	112	0.12
1.36	2.35	1070	1	1.57	46	1020	14	0.13	12	507	0.47	189	<10	125	0.13
1.33	2.49	1070	1	1.67	47	980	11	0.17	9	476	0.48	204	<10	118	0.14
1.25	2.67	933	3	1.69	53	920	10	0.07	<5	406	0.57	253	<10	115	0.05
1.24	2.48	970	3	1.6	47	980	14	0.1	5	414	0.49	204	<10	111	0.1
1.19	2.75	1005	2	1.68	50	900	11	0.07	<5	413	0.53	223	<10	104	0.06
1.13	0.92	667	3	1.4	33	640	13	0.18	<5	272	0.36	107	<10	115	0.16
1.13	0.62	525	2	1.16	28	690	10	0.13	<5	240	0.4	118	<10	103	0.1
1.55	0.81	565	1	1.03	37	680	12	0.23	<5	195	0.41	135	<10	114	0.24
1.24	2.76	1095	<1	1.87	52	900	11	0.11	<5	395	0.5	274	<10	108	0.14
1.03	2.96	1230	1	1.7	52	930	11	0.29	<5	379	0.64	484	<10	104	0.3
1.4	1.34	953	1	1.57	28	620	11	0.13	<5	290	0.49	166	<10	82	0.12
1.16	2.67	1150	1	1.7	55	1030	9	0.21	<5	355	0.6	441	<10	111	0.21
1.17	2.67	1140	1	1.78	53	910	3	0.15	<5	373	0.53	328	<10	103	0.15
1.14	2.04	951	<1	2.11	43	820	9	0.04	<5	414	0.5	174	<10	89	0.05
1.14	2.68	1150	1	1.71	53	970	11	0.19	<5	370	0.57	418	<10	103	0.17
1.18	2.88	1195	<1	1.88	55	960	11	0.24	<5	416	0.56	379	<10	108	0.21
1.2	2.39	915	<1	1.93	47	1180	6	0.05	<5	472	0.59	178	<10	108	0.05
0.88	3.38	1155	<1	1.83	56	1090	5	0.05	<5	392	0.62	224	<10	109	0.04
0.88	2.9	1460	1	1.99	59	1080	9	0.07	<5	396	0.65	267	<10	110	0.06
0.91	2.91	1215	<1	1.89	56	1250	5	0.05	<5	390	0.66	238	<10	111	0.05
1.02	1.52	2150	<1	1.64	42	900	8	0.12	<5	412	0.43	125	<10	120	0.09
0.87	2.92	1275	<1	1.94	55	1070	5	0.08	<5	405	0.66	252	<10	109	0.05
0.44	2.8	1230	1	2.24	37	980	7	0.01	<5	442	0.54	240	<10	79	0.02
0.67	2.81	1195	2	2.02	44	1010	4	0.03	<5	401	0.62	251	<10	100	0.03

Appendix 3: CANALASK-ONION Project area Sample Descriptions, Results

Appendix 3a: Rock sample descriptions, results
Appendix 3b: Silt sample descriptions, results
Appendix 3c: Whole Rock sample descriptions, results
Appendix 3d: Year-2005 sample descriptions, results

All-Terrane Mineral Exploration Services

SILT SAMPLE DESCRIPTION SHEET (Appendix 3b)

"ONION" Block, Xstrata plc (formerly Falconbridge Ltd.)
July - August, 2006

Sample No.	Easting NAD 83	Northing NAD 83	Zone	% Fines	Colour	Stream Grade	Stream Width (m)	Date	Sampler	Comments
TC035295	521500	6872123	7	20	Brown	Steep	1	Aug. 24	BR/NVW	Dry Creek
TC035296	521518	6872120	7	20	Grey Brown	Steep	1	Aug. 24	BR/NVW	Dry Creek
TC035297	521540	6872156	7	20	Grey Brown	Steep	2	Aug. 24	BR/NVW	
TC035298	521555	6872186	7	30	Grey Brown	Steep	3	Aug. 24	BR/NVW	Dry Creek
TC035299	521586	6872276	7	30	Grey	Steep	4	Aug. 24	BR/NVW	Dry Creek
TC035300	521641	6872349	7	30	Dark Brown	Steep	4	Aug. 24	BR/NVW	
TC035351	521902	6872531	7	40	Brown	Steep	4	Aug. 24	BR/NVW	Dry Creek
TC035352	522017	6872661	7	40	Grey Brown	Steep	3	Aug. 24	BR/NVW	Dry Creek
TC035353	522212	6872755	7	30	Brown	Steep	7	Aug. 24	BR/NVW	Dry Creek
TC035354	522341	6873020	7	30	Grey Brown	Moderate	10	Aug. 24	BR/NVW	Dry Creek

	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
SAMPLE	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
DESCRIPTION	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
C035295	0.005	0.028	0.028	<0.5	2.73	6	160	<0.5	<2	2.45	<0.5	90	2060	118	7.7	10	0.27	<10
C035296	0.004	0.059	0.084	<0.5	2.48	<5	120	<0.5	<2	1.46	<0.5	125	3440	148	8.96	<10	0.27	<10
C035297	0.004	0.052	0.058	<0.5	1.62	<5	80	<0.5	<2	1.23	<0.5	136	4320	137	9.81	<10	0.15	10
C035298	0.002	0.097	0.082	<0.5	1.48	<5	60	<0.5	<2	1.23	<0.5	148	4750	133	10.35	<10	0.13	10
C035299	0.016	0.076	0.087	<0.5	1.5	21	60	<0.5	<2	1.05	<0.5	139	4450	124	9.64	<10	0.14	10
C035300	0.014	0.092	0.079	<0.5	2.57	29	140	<0.5	<2	1.36	<0.5	116	4570	157	9.43	<10	0.35	<10
C035351	0.005	0.038	0.05	<0.5	2.75	<5	220	<0.5	<2	1.74	<0.5	95	3630	208	8.63	10	0.3	<10
C035352	0.011	0.033	0.034	0.6	4.99	15	520	0.7	<2	2.17	<0.5	63	2700	467	7.98	10	0.69	10
C035353	0.014	0.012	0.014	0.5	6.47	<5	670	1.1	<2	3.05	<0.5	45	1050	747	6.75	10	1.16	20
C035354	0.038	0.013	0.015	<0.5	5.75	<5	580	0.9	<2	2.51	<0.5	36	1140	490	5.58	10	1.02	10

ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	S-IR08
Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	S
%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
14.65	1280	<1	0.51	1245	310	3	0.05	<5	13	101	<20	0.16	<10	<10	84	<10	84	0.04
16.85	1280	<1	0.4	1655	210	2	0.03	5	12	74	<20	0.14	<10	<10	91	<10	88	0.04
18.7	1330	<1	0.25	1900	170	<2	0.04	<5	9	53	<20	0.11	<10	<10	71	<10	98	0.03
19.45	1345	<1	0.22	2020	150	2	0.04	<5	9	47	<20	0.1	<10	<10	70	<10	100	0.03
18.05	1245	<1	0.21	1910	150	<2	0.05	<5	8	49	<20	0.1	10	<10	68	10	94	0.04
14.2	1135	1	0.34	1570	240	14	0.35	9	11	100	<20	0.16	20	<10	100	10	108	0.33
14.7	1145	1	0.41	1490	270	11	0.2	11	13	122	<20	0.16	<10	10	103	<10	100	0.22
9.06	1155	16	0.99	886	700	13	0.25	8	16	232	<20	0.26	10	10	135	<10	122	0.26
5.49	1150	26	1.22	485	940	14	0.19	10	16	355	<20	0.28	10	<10	136	<10	95	0.17
5.09	991	18	1.23	433	850	13	0.16	6	14	301	<20	0.26	10	<10	119	<10	86	0.16

Sample Locations and Descriptions

Kluane Reconnaissance, 2005 (Appendix 3d)

SAMPLE	UTM_ZONE	UTM_E	UTM_N	SAMPLE	ROCK_TYPE	ROCK_CODE	SAMPLE_TYP	GRAIN_SIZE	TEXTURE	SULPH1	SULPH1__	SULPH2	SULPH2__	AV	STR	STR	DIP	AZIM	PL	ST
DESCRIPTION				DESCRIPTION																
WA49034	7	524344	6869413	WA49034			float	fine	massive											
WA49035	7	524340	6869345	WA49035	dacite		float	fine	massive											
WA49036	7	524336	6869357	WA49036			float													
WA49037	7	524332	6869359	WA49037			outcrop													
WA49038	7	524334	6869342	WA49038			outcrop													
WA49039	7	524297	6869296	WA49039			float													
WA49040	7	524332	6869356	WA49040			float													
WA49041	7	524344	6869413	WA49041			float													
WA49042	7	524344	6869413	WA49042	massive sulphide		float													
WA49043	7	520120	6874092	WA49043	peridotite		outcrop	medium	massive											
WA49044	7	520092	6874052	WA49044	petmatitic gabbro		outcrop	medium	massive, serpentinized											
WA49045	7	520110	6874084	WA49045			outcrop	fine	aphanitic, massive											
WA49046	7	520047	6874046	WA49046	dacite		outcrop	medium	massive											
WA49047	7	520048	6874037	WA49047	dunnite		outcrop	fine	aphanitic, serpentinized											
WA49048	7	520114	6873126	WA49048			outcrop	fine	aphanitic, massive											
WA49049	7	520102	6874175	WA49049			outcrop	fine	aphanitic, massive											
WA49050	7	520012	6874285	WA49050	peridotite		outcrop	fine	aphanitic											
WA49051	7	519860	6874344	WA49051	andesite		outcrop	fine												
WA49052	7	519850	6874345	WA49052	peridotite		outcrop	fine	aphanitic, massive											
WA49053	7	519890	6874472	WA49053	peridotite		outcrop	fine	aphanitic, massive											
WA49054	7	519897	6874582	WA49054	dacite		float	fine	massive	pyrite	1%									
WA49055	7	520255	6873875	WA49055	peridotite		outcrop	fine	possible adcumulate											
WA49056	7	520338	6873953	WA49056	peridotite		outcrop	fine	possible adcumulate											
WA49057	7	520350	6874031	WA49057	peridotite		outcrop	fine	massive											
WA49058	7	520401	6874091	WA49058	peridotite		outcrop	fine	massive	pyrrhotite	1-3%									
WA49059	7	520401	6874102	WA49059	peridotite		outcrop	fine	massive											
WA49060	7	520400	6874110	WA49060	peridotite		outcrop	fine	massive	pyrrohotit	1-3%									
WA49061	7	520397	6874110	WA49061	peridotite		outcrop	fine	massive	pyrrhotite	1-3%									
WA49062	7	520021	6874232	WA49062	gabbro		core	coarse	massive	chalchopyr	5-8%									
WA49063	7	520021	6874232	WA49063	gabbro		core	coarse	massive	chalchopyr	7-10%									
WA49064	7	520951	6873186	WA49064	gabbro		outcrop	medium	massive	pyrrhotite	4-6%									
WA49065	7	520951	6873186	WA49065	gabbro		outcrop	fine	massive	pyrrhotite	5-8%									
WA49066	7	520929	6873169	WA49066	peridotite		outcrop	medium	possible adcumulate											
WA49067	7	520894	6873120	WA49067	peridotite		outcrop	fine	possible adcumulate											
WA49068	7	585281	6813640	WA49068	peridotite		outcrop	fine	massive											
WA49069	7	585272	6813643	WA49069	N/A		chip	fine	sheared											
WA49070	7	585266	6813629	WA49070	gabbro		outcrop	fine	massive	pyrrhotite	3-7%	chalchopyrite	2-4%							
WA49071	7	585266	6813628	WA49071	gabbro		outcrop	fine	massive	pyrrhotite	5-9%	chalchopyrite								
WA49072	7	585262	6813661	WA49072	ultramafic		outcrop	fine	massive											
WA49073	7	585265	6813647	WA49073	ultramafic		float	fine	massive											
WA49074	7	585268	6813636	WA49074			outcrop	fine	massive											
WA49075	7	582689	6814855	WA49075	massive sulphide		outcrop	fine	sheared	pyrrhotite		chalchopyrite								
WA49076				WA49076																
WA49077				WA49077																
WA49078				WA49078																
WA49079				WA49079																
WA49080				WA49080																
WA49081				WA49081																
WA49082				WA49082																
WA49083				WA49083																
WA49084				WA49084																
WA49092				WA49092																
WA49093				WA49093																
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WA49099				WA49099																
WA49100				WA49100																
WA49302				WA49302																
WA49303				WA49303																
WA49304				WA49304																
WA49305				WA49305																

WA49309				WA49309																
WA49316				WA49316																
WA49320				WA49320																
WA49321				WA49321																
WA49323				WA49323																
WA49330				WA49330																
WA49401	7	548112	6833233	WA49401																
WA49402	7	582624	6814943	WA49402																
WA49403	7	646453	6754814	WA49403																
WA49404	7	646453	6754814	WA49404																
WA49405	7	646467	6754871	WA49405																
WA49406	7	646485	6754886	WA49406																
WA49407				WA49407																
WA49409				WA49409																
WA49410				WA49410																
WA49411				WA49411																
WA49412				WA49412																
WA49413				WA49413																
WA49414				WA49414																
WA49417				WA49417																
WA49331	7	519876	6874547	WA49331	peridotite		outcrop													
WA49332	7	519554	6874567	WA49332	peridotite		outcrop													
WA49333	7	519876	6874547	WA49333	peridotite		outcrop	med	massive											
WA49334	7	519789	6874579	WA49334	gabbro		chip	med	massive											
WA49335	7	519789	6874579	WA49335	gabbro		chip	med	massive											
WA49336	7	519789	6874579	WA49336	gabbro		chip	med	massive											
WA49337	7	519789	6874579	WA49337	gabbro		chip	med	massive											
WA49338	7	519789	6874579	WA49338	gabbro		chip	med	massive											
WA49339	7	519789	6874579	WA49339	gabbro		chip	med	massive											
WA49340	7	519789	6874579	WA49340	gabbro		chip	med	massive											
WA49341	7	519789	6874579	WA49341	gabbro		chip	med	massive											
WA49342	7	519789	6874579	WA49342	gabbro		chip	med	massive											
WA49343	7	519789	6874579	WA49343	gabbro		chip	med	massive											
WA49344	7	519789	6874579	WA49344	gabbro		chip	med	massive											
WA49345	7	519789	6874579	WA49345	gabbro		chip	med	massive											
WA49346	7	519789	6874579	WA49346	gabbro		chip	med	massive											
WA49347	7	519789	6874580	WA49347	quartz carbonate		outcrop	coarse	massive											
WA49348	7	519784	6874569	WA49348	gabbro		outcrop													
WA49349	7	519790	6874577	WA49349	peridotite		outcrop													
WA49350	7	650413	6755991	WA49350	massive sulphide		float													
WA49351	7	647687	6753720	WA49351	gabbro		outcrop													
WA49352	7	647617	6753761	WA49352	gabbro		outcrop													
WA49354	7	647621	6753754	WA49354	gabbro		outcrop													
WA49356	7	647621	6753753	WA49356	gabbro		outcrop													
WA49357	7	650472	6756135	WA49357	massive sulphide		boulders													

		CRU-QC	PUL-QC	PUL-QC	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
GEN_COMMEN	SAMPLE	% Passing -2mm	% Passing -75um	% +75um	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2
	DESCRIPTION	%	%	%	%	%	%	%	%	%	%	%	%
possibly from ore pile	WA49034	97	96	4									
	WA49035	98	99	1	49.28	18.3	5.67	15.42	3.34	3.3	0.25	0.01	0.65
possibly from ore pile	WA49036												
	WA49037												
	WA49038												
	WA49039				48.23	15.62	12.03	10.94	7.03	2.66	0.5	0.05	1.58
	WA49040												
	WA49041												
	WA49042												
	WA49043				33.55	0.85	11.39	0.56	38	0.27	0.03	0.93	0.11
	WA49044				46.68	14.3	9.26	13.7	7.74	0.87	1.99	0.01	1.3
	WA49045				33.93	0.94	12.59	0.8	37.18	0.24	0.03	0.41	0.12
	WA49046				41.89	18.19	5.33	22.26	6.53	0.13	0.06	0.03	0.55
	WA49047				37.52	2.51	18.44	2.45	32.56	0.3	0.13	0.64	0.28
	WA49048				32.93	0.88	13.46	0.6	36.79	0.19	0.04	0.91	0.1
	WA49049				32.97	0.71	13.3	0.4	36.74	0.18	0.02	0.83	0.09
	WA49050				32.99	0.78	12.85	0.14	37.51	0.22	0.03	1.02	0.1
andesite dike	WA49051				38.44	13.83	8.71	24.53	8.84	0.13	0.4	0.06	0.65
	WA49052				32.36	0.73	13.42	0.16	38	0.15	0.02	0.96	0.07
	WA49053				33.47	1.43	12.67	1.03	36.33	0.26	0.09	0.68	0.18
rusty surface, dusty sulphide	WA49054												
	WA49055				32.82	0.87	13.47	0.22	37.42	0.22	0.02	0.89	0.11
	WA49056				32.97	0.76	14.1	0.17	36.48	0.16	0.02	0.98	0.09
	WA49057				32.78	0.63	13.29	0.4	36.89	0.24	0.02	0.88	0.08
dusty sulphide throughout sample	WA49058				31.43	1.04	11.74	0.39	33.81	0.15	0.06	0.68	0.09
dusty sulphide throughout sample. Site of trenching. Contact between limestone and ultramafic.	WA49059				29.95	1.12	11.23	1.63	33.61	0.17	0.06	0.62	0.12
dusty sulhide throughout sample. Gossanous. Contact between limestone and ultramafic.	WA49060				32.89	1.16	11.05	0.61	35.08	0.18	0.05	0.68	0.13
Contact between limestone and ultramafic.	WA49061				31.04	1.15	11.52	0.36	34.23	0.15	0.08	0.57	0.14
Core from box 19 of DDH 97-079 at 93.72 meters.	WA49062				39.8	4.23	14.21	3.95	32.21	0.48	0.41	0.5	0.5
Core from box 27 of DDH 97-079 at 119 meters.	WA49063				40.3	5.78	15.56	5.31	26.26	0.62	0.4	0.41	0.58
Dusty sulphide, very finely disseminated throughout sample. Ridge is very rusty.	WA49064												
	WA49065												
	WA49066				33.52	0.97	9.93	0.58	38.7	0.13	0.03	0.91	0.11
	WA49067				32.98	1.03	12.99	0.64	37	0.2	0.07	0.93	0.12
malachite rich outcrop with dusty sulphides throughout sample (trace)	WA49068												
Composite chip across 1m shear zone. Malachite rich outcrop. Rusted surface.	WA49069												
Sample taken from nose of synformal feature.	WA49070				38.23	5.91	15.1	4.32	17.98	0.03	0.12	0.25	0.49
	WA49071												
Aphanitic, black rock. Possibly felsic volcanic.	WA49072				47.06	17.41	10.02	4.19	6.34	2.94	5.48	0.02	0.95
Very weathered, oxidized surface.	WA49073												
Very weathered surface. Rusty, malachite rich outcrop.	WA49074												
Lower zone of Tom showing. Possible shear zone.	WA49075												
	WA49076				34.59	2.09	13.08	1.72	34.08	0.22	0.13	0.7	0.19
	WA49077				34.65	1.83	13.96	2.94	33.02	0.19	0.07	0.8	0.2
	WA49078				33.14	0.78	10.61	0.37	38.76	0.17	0.04	0.82	0.1
	WA49079				32.15	1.04	12.86	2.78	33.11	0.14	0.04	0.95	0.12
	WA49080				49.65	17.07	3.57	15.24	4.88	3.39	0.69	0.02	0.63
	WA49081				33.56	0.7	11.48	0.19	37.2	0.2	0.04	0.9	0.05
	WA49082				32.31	0.74	12.85	0.31	37.48	0.2	0.04	0.89	0.08
	WA49083				35.24	2.17	12.75	0.57	35.07	0.15	0.04	0.54	0.18
	WA49084				32.31	0.59	13.08	0.11	37.47	0.17	0.03	0.89	0.07
	WA49092				48.1	11.42	15.84	8.97	9.15	1.41	0.23	0.09	1.22
	WA49093				37.47	3.84	13.17	2.69	29.93	0.22	0.06	0.52	0.37
	WA49094				43.78	5.54	15.57	8.29	20.21	0.23	0.04	0.51	0.46
	WA49095				33.11	0.94	12.97	0.64	36.61	0.13	0.03	0.73	0.08
	WA49096				36.83	3.1	13.39	3.24	34.09	0.19	0.19	0.67	0.3
	WA49097				33.67	1.67	13.48	1.37	34.86	0.13	0.05	0.55	0.17
	WA49098				38.78	3.08	14.12	3.15	34.78	0.37	0.29	0.63	0.28
	WA49099				36.75	3.19	13.39	3	32.79	0.35	0.2	0.57	0.28
	WA49100				37.62	3.61	16.58	0.97	29.57	0.19	0.09	0.37	0.36
	WA49302				48.42	15.14	12.95	11.23	6.5	2.01	0.99	0.03	0.86
	WA49303				59.8	17.23	6.26	3.71	2.4	4.56	3.16	0.01	0.71
	WA49304				37.13	3.03	15.68	1.09	30.47	0.15	0.07	0.45	0.31
	WA49305				49.13	14.28	9.49	9.97	8.91	3.79	0.27	0.01	0.76

	WA49309				36.27	2.28	15.31	1.68	32.48	0.17	0.11	0.49	0.13
	WA49316				27.91	13	14.07	13.15	4.68	0.12	0.29	0.06	1.38
	WA49320				36.59	2.41	17.54	1.84	33.52	0.24	0.13	0.73	0.25
	WA49321				33.57	1.14	10.8	0.36	35.56	0.16	0.04	0.75	0.09
	WA49323				33.55	1.41	12.75	1.2	36.36	0.23	0.05	0.84	0.11
	WA49330				47.47	11.3	15.76	8.96	9.27	1.49	0.25	0.09	1.25
	WA49401				47.47	11.3	15.76	8.96	9.27	1.49	0.25	0.09	1.25
	WA49402				50.26	16.05	10.57	8.17	6.6	3.39	1.4	0.02	0.69
	WA49403				55.17	14.76	9.86	8.42	5.24	2.65	0.81	0.01	0.71
	WA49404												
	WA49405				37.54	3.71	15.89	3.51	28.69	0.26	0.14	0.37	0.34
	WA49406				36.56	3.09	16.05	2.29	30.74	0.25	0.07	0.42	0.24
	WA49407				41.71	15.53	14.13	4.09	13.65	2.16	0.31	0.17	1.09
	WA49409				32.96	0.78	13.4	0.14	37.21	0.27	0.05	0.93	0.08
	WA49410				32.74	0.82	14.34	0.33	37.08	0.17	0.04	0.84	0.09
	WA49411				33.05	0.81	13.08	0.4	37.46	0.22	0.03	0.84	0.08
	WA49412				32.84	0.65	13.28	0.32	38.01	0.22	0.03	0.69	0.07
	WA49413				37.72	2.65	12.04	1.89	33.01	0.28	0.14	0.65	0.27
	WA49414				47.46	11.39	15.89	8.89	9.36	1.57	0.24	0.08	1.18
	WA49417				47.48	11.35	15.85	8.89	9.41	1.57	0.25	0.08	1.19
	WA49331												
	WA49332												
	WA49333												
Chip sample across extremely weathered trench at outcrop. 12 samples taken from this site from WA49334 to WA494346. Trace to 1% sulphides throughout.	WA49334												
Chip sample across extremely weathered trench at outcrop. 12 samples taken from this site from WA49334 to WA494346. Trace to 1% sulphides throughout.	WA49335												
Chip sample across extremely weathered trench at outcrop. 12 samples taken from this site from WA49334 to WA494346. Trace to 1% sulphides throughout.	WA49336												
Chip sample across extremely weathered trench at outcrop. 12 samples taken from this site from WA49334 to WA494346. Trace to 1% sulphides throughout.	WA49337												
Chip sample across extremely weathered trench at outcrop. 12 samples taken from this site from WA49334 to WA494346. Trace to 1% sulphides throughout.	WA49338												
Chip sample across extremely weathered trench at outcrop. 12 samples taken from this site from WA49334 to WA494346. Trace to 1% sulphides throughout.	WA49339												
Chip sample across extremely weathered trench at outcrop. 12 samples taken from this site from WA49334 to WA494346. Trace to 1% sulphides throughout.	WA49340												
Chip sample across extremely weathered trench at outcrop. 12 samples taken from this site from WA49334 to WA494346. Trace to 1% sulphides throughout.	WA49341												
Chip sample across extremely weathered trench at outcrop. 12 samples taken from this site from WA49334 to WA494346. Trace to 1% sulphides throughout.	WA49342												
Chip sample across extremely weathered trench at outcrop. 12 samples taken from this site from WA49334 to WA494346. Trace to 1% sulphides throughout.	WA49343												
Chip sample across extremely weathered trench at outcrop. 12 samples taken from this site from WA49334 to WA494346. Trace to 1% sulphides throughout.	WA49344												
Chip sample across extremely weathered trench at outcrop. 12 samples taken from this site from WA49334 to WA494346. Trace to 1% sulphides throughout.	WA49345												
Sample taken at outcrop near chip sample.	WA49346												
Massive quartz carbonate. Rusted in places, trace sulphide	WA49347												
	WA49348												
trace sulphide throughout	WA49349												
boulder grab	WA49350												
3-4% sulphide throughout	WA49351												
1% sulphide	WA49352												
Trace of very finely disseminated sulphides	WA49354												
	WA49356												
	WA49357												

ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF05	ME-XRF05	ME-XRF05	ME-XRF05	ME-XRF05	ME-XRF05	PGM-ICP2	PGM-ICP2	PGM-ICP2	Co-AA61	Cu-AA61	Cu-AA62	Ni-AA61	Ni-AA62	V-AA61	S-IR08
MnO	P2O5	SrO	BaO	LOI	Total	Ba	Nb	Rb	Sr	Y	Zr	Au	Pt	Pd	Co	Cu	Cu	Ni	Ni	V	S
%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm	%	ppm	%	ppm	%
												82	<5	<1	1005	675		>10000	2.17	169	13.25
0.13	0.12	0.01	0.01	3.2	99.69	130	2	4	53	20	63	<1	<5	1	22	40		30		156	0.03
												47	<5	<1	407	4350		2680		180	7.21
												34	<5	1	355	384		>10000	1.29	177	2.56
												25	<5	<1	782	>10000	1.16	137		167	14.05
0.15	0.14	0.02	0.01	0.87	99.85	100	4	13	185	33	105	<1	<5	<1	48	102		142		304	0.18
												136	<5	2	866	>10000	1.77	1685		105	13.8
												15	<5	3	358	1020		2880		149	4.39
												58	<5	1	422	>10000	1.71	5440		184	7.73
0.18	0.02	<0.01	<0.01	14.1	100	<10	<2	<2	<2	<2	7	<1	21	40	128	39		2370		57	0.03
0.14	0.08	0.02	0.1	3.84	100.05	900	5	36	131	11	33	<1	<5	<1	41	71		67		318	0.01
0.15	0.03	<0.01	<0.01	13.55	99.97	<10	<2	2	3	2	10	4	25	88	125	89		2400		37	0.02
0.08	0.05	0.01	<0.01	4.64	99.75	50	3	2	41	8	30	<1	<5	<1	32	51		137		138	<0.01
0.24	0.03	<0.01	<0.01	4.38	99.49	40	2	3	45	5	15	5	37	65	136	259		1905		99	0.08
0.18	0.03	<0.01	<0.01	13.8	99.9	10	<2	2	<2	2	7	9	48	78	142	9		2620		44	0.03
0.18	<0.01	<0.01	<0.01	13.95	99.36	<10	<2	2	<2	<2	6	<1	<5	6	123	149		1700		35	0.06
0.18	0.01	<0.01	<0.01	14.15	99.97	10	<2	2	2	<2	6	4	25	30	142	36		2450		38	0.01
0.21	0.18	0.01	0.01	3.57	99.58	50	2	21	70	14	69	<1	<5	5	37	74		151		235	<0.01
0.17	0.01	<0.01	<0.01	13.95	100	10	2	<2	<2	<2	6	<1	28	61	135	40		2290		35	0.02
0.17	0.02	<0.01	<0.01	13.35	99.68	20	<2	3	6	3	11	<1	51	80	124	7		2050		50	0.01
												6	<5	<1	18	300		31		110	2.42
0.19	0.02	<0.01	<0.01	13.65	99.9	<10	<2	2	<2	<2	8	5	17	22	138	68		2330		54	0.01
0.19	0.02	<0.01	<0.01	13.7	99.63	<10	<2	2	<2	<2	6	1	19	43	129	185		2230		42	0.01
0.19	0.01	<0.01	<0.01	14.2	99.61	<10	<2	<2	<2	<2	6	<1	6	3	135	21		2200		34	0.01
0.15	0.01	<0.01	<0.01	19.8	99.35	20	2	3	24	2	8	<1	17	7	118	5		2060		42	<0.01
0.17	0.01	0.02	<0.01	21.4	100.1	20	2	3	135	<2	9	<1	33	10	109	5		1920		39	<0.01
0.15	0.01	<0.01	<0.01	17.75	99.76	10	<2	3	31	2	9	<1	29	10	116	5		2150		44	<0.01
0.16	0.02	<0.01	<0.01	20.5	99.91	30	2	3	25	2	11	<1	25	12	116	5		2040		41	0.04
0.19	0.05	0.01	0.02	3.37	99.92	150	4	11	100	7	29	20	172	219	135	790		2630		129	0.42
0.18	0.07	0.01	0.02	4.52	100.05	180	3	11	100	10	39	59	227	457	163	1115		3560		156	1.23
												36	150	394	180	1810		4370		122	1.11
												41	190	447	173	2210		4250		115	1.23
0.18	0.02	<0.01	<0.01	14.65	99.7	<10	<2	2	<2	2	8	<1	8	15	138	27		2260		40	0.04
0.2	0.01	<0.01	<0.01	13.8	99.97	10	<2	3	2	<2	7	1	11	16	123	19		2130		45	0.02
												14	95	51	129	2420		1020		116	0.02
												24	710	412	399	8730		8310		107	0.59
0.15	0.07	<0.01	0.01	15.55	98.21	50	5	5	35	9	43	130	567	288	186	3380		2170		131	1.71
												162	498	277	217	3570		2510		139	1.44
0.14	0.4	0.04	0.24	4.8	100.05	2340	7	157	287	18	71	<1	<5	2	34	55		31		235	0.01
												136	602	333	216	5230		2030		109	1.79
												50	152	95	73	2700		1565		79	0.25
												57	836	1685	375	>10000	3.63	>10000	1.87	98	9.85
0.18	0.03	<0.01	<0.01	12.35	99.36	20	2	4	4	3	13	2	31	48	123	118		1565		67	0.17
0.23	0.02	<0.01	<0.01	11.9	99.78	20	<2	2	3	3	14	<1	36	56	109	86		2020		67	0.13
0.16	0.01	<0.01	<0.01	14.6	99.56	<10	2	2	<2	<2	7	<1	10	21	128	6		2440		35	0.04
0.19	0.02	0.01	0.01	15.85	99.25	70	2	2	93	<2	7	<1	6	8	122	187		1645		48	0.02
0.09	0.1	0.01	0.03	4.23	99.6	300	2	11	96	20	57	<1	<5	<1	16	15		48		161	0.01
0.18	0.02	<0.01	<0.01	14.8	99.32	10	<2	2	3	<2	6	1	57	90	134	17		2300		38	0.01
0.18	0.02	<0.01	<0.01	14.85	99.94	10	<2	2	4	<2	6	3	21	41	144	28		2310		49	0.03
0.19	0.02	<0.01	<0.01	13.15	100.05	10	2	2	4	2	11	1	25	46	129	67		1830		50	0.03
0.19	<0.01	<0.01	<0.01	14.75	99.66	<10	<2	<2	<2	<2	5	12	55	81	130	66		1805		51	0.02
0.2	0.13	0.02	0.01	3.23	100	NSS	NSS	NSS	NSS	NSS	NSS	27	77	198	135	106		2310		35	0.61
0.17	0.05	<0.01	<0.01	11.05	99.53	30	3	4	15	6	27	4	52	77	100	873		2730		369	0.14
0.12	0.04	<0.01	0.01	5.26	100.05	20	3	3	11	8	30	2	462	1025	107	141		2000		110	1.37
0.18	0.03	<0.01	<0.01	13.75	99.2	<10	<2	2	4	<2	9	6	47	75	202	2570		3790		145	0.1
0.2	0.03	<0.01	0.01	7.52	99.76	70	2	5	26	4	18	7	14	11	170	280		2320		51	0.04
0.19	0.02	<0.01	<0.01	13.5	99.67	10	2	2	5	3	12	4	36	62	113	72		1755		87	0.03
0.2	0.04	<0.01	0.01	3.75	99.49	100	2	7	70	4	19	1	15	5	124	77		2210		58	0.02
0.21	0.03	<0.01	<0.01	8.66	99.42	70	2	5	33	5	20	3	6	10	118	73		1890		84	0.04
0.2	0.05	<0.01	0.01	10.25	99.87	20	3	5	6	6	23	<1	13	32	125	72		1105		109	0.06
0.21	0.11	0.01	0.02	1.34	99.83	200	2	24	129	23	56	3	9	18	50	187		99		337	0.01
0.13	0.3	0.04	0.08	1.39	99.77	780	7	51	251	20	91	<1	<5	<1	16	20		6		156	<0.01
0.15	0.03	<0.01	<0.01	10.85	99.41	30	3	3	24	5	20	6	23	58	169	447		1940		95	0.4
0.16	0.06	0.02	<0.01	2.52	99.37	100	<2	4	142	17	41	<1	<5	<1	47	66		65		250	0.02

0.23	0.03	<0.01	<0.01	10.7	99.88	60	4	6	8	6	36	3	7	33	131	332		1295		71	0.11
0.2	0.12	<0.01	0.01	25	99.99	50	3	6	67	26	69	1	<5	7	42	108		75		324	<0.01
0.23	0.03	<0.01	<0.01	6.13	99.65	50	<2	4	26	3	14	4	26	47	141	292		1925		92	0.12
0.15	0.01	<0.01	<0.01	16.9	99.54	30	<2	2	18	2	10	<1	47	57	125	26		2150		40	0.01
0.18	0.01	<0.01	<0.01	13.1	99.79	<10	2	3	2	2	10	1	24	44	124	51		2190		60	0.06
0.2	0.11	0.02	0.01	3.24	99.43	NSS	NSS	NSS	NSS	NSS	NSS	45	49	203	90	794		2400		332	0.7
0.2	0.11	0.02	0.01	3.24	99.43	NSS	NSS	NSS	NSS	NSS	NSS	45	49	203	90	794		2400		332	0.7
0.2	0.16	0.02	0.03	2.24	99.78	390	2	36	175	17	51	1	11	11	43	149		91		297	0.01
0.16	0.09	0.02	0.03	1.95	99.88	280	4	20	180	18	61	2	<5	11	36	110		63		254	0.05
												1	6	65	260	601		1965		49	13.15
0.22	0.05	<0.01	<0.01	8.68	99.4	40	2	6	8	6	23	3	11	38	130	141		1125		109	0.07
0.19	0.03	<0.01	<0.01	9.66	99.59	20	2	3	5	4	16	7	18	45	147	826		1660		89	0.38
0.18	0.15	0.01	0.01	6.75	99.93	150	3	7	65	21	63	<1	<5	6	63	43	266	359	0.14		
0.18	0.02	<0.01	<0.01	13.4	99.41	10	<2	2	6	<2	6	1	<5	3	136	47	2370	39	0.04		
0.16	0.02	<0.01	<0.01	13.15	99.76	10	<2	2	2	<2	7	2	27	72	127	30	2140	35	0.03		
0.15	0.01	<0.01	<0.01	13.35	99.46	<10	<2	2	5	<2	7	1	28	120	124	8	2100	35	0.01		
0.15	0.01	<0.01	<0.01	13.55	99.83	<10	<2	2	<2	<2	6	<1	10	5	128	40	2150	28	0.03		
0.16	0.04	<0.01	<0.01	10.75	99.59	40	2	5	8	4	18	28	205	448	147	308	3950	78	0.42		
0.22	0.13	0.01	0.01	3.24	99.66	NSS	NSS	NSS	NSS	NSS	NSS	8	59	208	90	766	2410	322	0.66		
0.21	0.12	0.01	<0.01	3.25	99.67	NSS	NSS	NSS	NSS	NSS	NSS	9	75	231	87	777	2360	329	0.65		
												115	474	999	168	2600		4590		131	0.91
												77	373	816	160	1745		4200		127	0.72
												<1	10	6	131	270		1115		101	0.28
												49	438	1675	270	4500		9290		139	0.69
												45	323	541	116	1245		2640		190	1.14
												21	134	246	87	399		1640		198	0.66
												17	179	1105	137	2700		3700		148	1.4
												46	741	1585	209	3020		6280		181	1.32
												23	296	792	145	1945		4230		196	0.78
												58	287	639	92	1345		2140		213	0.24
												58	221	534	122	823		2780		189	0.14
												116	422	3390	557	6550		>10000	1.9	84	8.4
												75	340	840	156	3110		3520		215	1.49
												52	299	664	71	1130		1440		204	0.74
												17	458	599	125	911		2840		199	1.32
												11	87	195	97	437		1745		187	0.56
												97	1150	1050	137	2590		4200		120	1.1
												3	48	29	92	105		1295		193	0.16
												8	46	11	117	54		1985		77	0.04
												86	<5	2	227	9600		25		7	36.8
												323	720	4380	230	>10000	2.73	9160		140	6.98
												39	172	568	202	8260		4460		181	3.91
												49	162	751	228	3490		6070		108	5.29
												109	21	<1	24	1755		40		12	46.1

Appendix 4: POLE Project area Sample Descriptions and Results

Appendix 4a: Rock sample descriptions, results
Appendix 4b: Soil sample descriptions, results
Appendix 4c: Silt sample descriptions, results

All-Terrane Mineral Exploration Services

SILT SAMPLE DESCRIPTION SHEET (Appendix 4c)

"POLE" Grid/ CANALASK, Xstrata plc (formerly Falconbridge Ltd.)
July - August, 2006

Sample No.	Easting NAD 83	Northing NAD 83	Zone	% Fines	Colour	Stream Grade	Stream Width	Date	Sampler	Comments
TC276294	527218	6867030	7	55	gry-brn	Mod	1	5/8/2006	CS	Mossmat; several sites
TC276295	527226	6867922	7	90	dk brown	Gentle	0.5	2/8/2006	CS	Boggy stream, high organics
TC276296	526789	6867459	7	40	gry-brn	Mod	1.5 m	2/8/2006	CS	Rare silt; mostly mossmat
TC276297	526886	6867366	7	45	gry-brn	Mod	1.5 m	1/8/2006	CS	Rare silt; mostly mossmat
TC276298	526740	6867725	7	70	brown	Gentle	3.5 m	1/8/2006	CS	Mossmat, minor fine silts
TC276299	526622	6867965	7	75	brown	Mod	4 m	1/8/2006	CS	Fairlyabundant silt; incl mossmat
TC276300	526531	6867935	7	80	brown	Gentle	3 m (bed)	1/8/2006	CS	Active, abundant silt

	PGM-ICP23	PGM-ICP23	PGM-ICP23	S-IR08	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
SAMPLE	Au	Pt	Pd	S	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co
DESCRIPTION	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
TC276294	0.054	0.014	0.02	0.22	<0.5	7.01	28	360	0.7	<2	2.48	<0.5	40
TC276295	0.008	<0.005	0.002	0.4	<0.5	6.36	10	450	0.9	<2	3.07	<0.5	18
TC276296	0.005	<0.005	0.013	0.27	<0.5	7.64	6	500	0.9	<2	3.59	<0.5	27
TC276297	0.003	0.006	0.023	0.25	<0.5	6.62	20	380	0.7	<2	2.61	<0.5	38
TC276298	0.005	0.007	0.011	0.21	<0.5	6.91	17	400	0.7	<2	2.71	<0.5	33
TC276299	0.011	<0.005	0.01	0.24	<0.5	6.88	11	420	0.8	<2	3.29	<0.5	30
TC276300	0.002	<0.005	0.003	0.11	<0.5	7.79	<5	570	0.9	<2	3.37	<0.5	17

ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
ppm	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
1480	67	7.05	1.07	4.05	871	1	1.39	360	590	11	0.07	<5	259	0.49	167	<10	102
105	78	3.98	1.02	1.32	1100	1	1.57	38	860	10	0.15	<5	523	0.42	117	<10	103
608	56	5.54	1.08	2.7	1065	1	2.16	135	720	8	0.07	<5	355	0.63	177	<10	105
1200	64	6.07	0.97	3.98	920	1	1.49	352	580	11	0.06	<5	269	0.47	151	<10	98
833	57	5.57	1.04	3.64	958	1	1.67	272	610	11	0.05	<5	296	0.5	154	<10	95
586	63	5.17	1.09	3.37	911	1	1.81	231	660	8	0.08	<5	318	0.51	157	<10	91
240	32	4.17	1.18	2.33	813	<1	2.44	66	720	7	0.03	<5	368	0.57	165	<10	83

Appendix 5: PIC Project area Sample Descriptions and Results

Appendix 5a: Rock sample descriptions, results
Appendix 5b: Silt sample descriptions, results
Appendix 5c: Whole Rock sample descriptions, results

All-Terrane Mineral Exploration Services

WHOLE ROCK SAMPLE DESCRIPTION SHEET (Appendix 5c)

(Complete ICP)

"PIC" Block, Xstrata plc (formerly Falconbridge Ltd.)

July, August, 2006

Sample No.	Easting (UTM)	Northing (UTM)	Zone	Sample	Width	Sample	Formation	Lithology	Modifier	Colour	Carb	Silicification	Alteration	Alteration	Other	Mineral	Amount	Mineral	Amount	Other	Amount	Date	Sampler	Comments
	NAD 83	NAD 83		Type	(m)	Description					Presence		1	2		1	(%)	2	(%)	Mineral	(%)			
RC276233	535936	6859059	7	CGr		Rcrop	mTwr	Pyroxenite	Wk shear	grn-blk	C1					Po?	3	Py	<1	Mag	strong	18/8/06	CS	Small pod; dissem sulphides
RC276234	535991	6859145	7	CGr		Talus	mTwr	Gabbro?	shear	green	C2		Serp 1	Chl2		Py	tr					18/8/06	CS	Fairly abundant talus
RC276235	536250	6859466	7	CGr		Ocrop	mTwr	Peridotite	Wk shear	grn-blk						Po	3			Mag	mod-st	18/8/06	CS	Locally banded pyrrhotite
RC276236	536250	6859468	7	CGr		Ocrop	mTwr	Peridotite	Massive	grn-blk						Po	5			Mag	strong	18/8/06	CS	Fine fractrure-controlled pyrrhotite
RC276237	536257	6859490	7	CGr		Ocrop	mTwr	Peridotite	Massive	black						Po	1	Py	tr	Mag	strong	18/8/06	CS	Small dykes in diorite - gabbro
RC276238	535600	6860060	7	CGr		Ocrop	mTwr	Pyroxenite	Massive	grn-blk			Serp 1							Mag	strong	18/8/06	CS	Local banded mag - serpentinite alt
RC276239	535585	6860055	7	CGr		Rcrop	mTwr	Pyroxenite	Med grain	grn-blk	C1		Serp 1							Mag	weak	18/8/06	CS	Minor serpentinite veining
RC276770	536137	6858528	7	W/R		O/C																21/8/06	BR	Intrusive, 1% Py, magnetic
RC276771	536252	6858568	7	W/R		O/C		Umafic				Serp										21/8/06	BR	Ultramafic, serpentine
RC276772	536550	6858394	7	W/R		Float		Umafic				Serp										21/8/06	BR	Ultramafic, serpentine
RC276774	536911	6858710	7	W/R		O/C		Umafic				Serp						Mag				21/8/06	BR	Ultramafic, serpentine, magnetic
RC276775	536911	6858710	7	W/R		O/C		Umafic				Serp						Mag				21/8/06	BR	Ultramafic, serpentine, magnetic
RC276776	536518	6858404	7	W/R		Float		Umafic										Mag				22/8/06	BR	Ultramafic
RC276777	535043	6859370	7	W/R		O/C		Basalt										Mag				22/8/06	BR	Basalt, magnetic
RC276778	535059	6859374	7	W/R		O/C		Basalt														22/8/06	BR	Basalt, magnetic
276805			7	W/R		Ocrop																		
276806			7	W/R		Ocrop																		
276807			7	W/R		Ocrop																		

	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	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
SAMPLE	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tl	Tm
DESCRIPTION	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RC276233	<1	117.5	6.1	145.5	4100	1.9	390	0.91	0.54	0.31	5.3	0.93	0.8	0.21	2.6	0.07	<2	2.1	3.2	2120	6	0.78	2.3	0.9	1	53.4	0.2	0.17	0.37	<0.5	0.09
RC276234	<1	675	5.2	54.3	650	1.09	85	2.25	1.56	0.46	14.5	1.65	1	0.52	2.3	0.25	<2	0.8	3.3	225	5	0.73	52.1	1.12	1	36.6	0.1	0.33	0.52	0.6	0.24
RC276235	<1	13.2	1.2	130	4580	0.13	547	0.27	0.17	0.07	3.9	0.28	0.4	0.06	0.5	0.03	<2	0.4	0.7	2900	8	0.16	1.6	0.23	<1	2	0.2	0.04	0.1	<0.5	0.03
RC276236	<1	7.1	1	154.5	6060	0.16	433	0.31	0.19	0.07	6.9	0.27	0.4	0.07	<0.5	0.04	<2	0.4	0.6	2330	9	0.12	1.4	0.21	<1	1.6	0.1	0.05	0.11	<0.5	0.04
RC276237	<1	12.9	2.4	157.5	4830	0.09	37	0.56	0.33	0.07	3.2	0.49	0.6	0.12	0.9	0.04	<2	0.9	1.5	2040	5	0.33	1.9	0.41	<1	1.5	0.2	0.09	0.14	<0.5	0.05
RC276238	<1	23.9	2.2	117	1920	1.7	40	0.68	0.44	0.24	7.5	0.63	0.5	0.15	0.9	0.06	<2	0.7	1.4	1010	<5	0.3	4.8	0.45	<1	24.2	0.1	0.11	0.16	0.5	0.06
RC276239	1	19.5	2.2	97.1	1700	2.04	22	0.72	0.39	0.2	6.8	0.56	0.6	0.15	1	0.06	<2	0.5	1.4	865	<5	0.32	2.9	0.45	1	19.1	0.1	0.11	0.16	<0.5	0.06
276770	<1	350	25	38.6	10	0.39	94	4.09	2.58	1.39	16.9	4.43	1.5	0.88	10.2	0.35	<2	2.5	16.8	13	<5	3.64	30.9	4.32	1	485	0.1	0.71	0.96	<0.5	0.37
276771	<1	387	26.2	37.6	10	0.46	99	4.21	2.48	1.32	18.8	4.62	1.6	0.87	10.9	0.37	<2	2.5	17.5	12	<5	3.72	50.9	4.4	1	512	0.2	0.73	1	<0.5	0.38
276772	<1	736	35.5	36.6	50	1.04	116	4	2.48	1.48	19.4	4.85	2.1	0.83	15.6	0.33	<2	3.9	19.9	23	14	4.61	72.6	4.93	1	528	0.2	0.72	2.54	<0.5	0.34
276774	<1	29	4.6	156.5	6460	0.35	136	0.86	0.46	0.27	5.5	0.7	0.7	0.15	1.9	0.05	<2	1.5	2.6	1560	<5	0.58	3.4	0.64	1	17.3	0.1	0.12	0.29	<0.5	0.06
276775	<1	23.3	5.7	155.5	4930	0.13	201	0.97	0.51	0.2	4.4	1.02	0.7	0.19	2.3	0.08	<2	1.9	3.8	1550	<5	0.73	3.1	0.81	1	10.4	0.1	0.15	0.35	<0.5	0.06
276776	<1	459	26.9	50.5	150	3.36	89	4.12	2.49	1.55	19.3	4.7	1.8	0.83	11.4	0.37	<2	3.1	18.3	63	<5	3.82	106.5	4.47	1	395	0.2	0.79	1.43	<0.5	0.35
276777	<1	170	29.6	42.2	40	0.86	53	4.11	2.42	1.36	16.9	4.74	1.6	0.85	12.3	0.34	<2	3.5	18.4	36	<5	4.17	20.3	4.67	1	507	0.2	0.68	1.65	<0.5	0.34
276778	<1	367	24	43.4	30	1.2	83	3.95	2.39	1.29	16.5	4.36	1.7	0.81	10	0.35	<2	2.8	16.4	20	<5	3.49	37.7	4.18	1	579	0.2	0.69	1.24	<0.5	0.32
276805	<1	8.8	5.3	118	5510	0.44	173	1.19	0.78	0.05	6.2	1.25	0.8	0.27	2.5	0.09	<2	1.4	3.3	1590	5	0.73	1.4	0.93	1	9.9	0.1	0.19	0.31	<0.5	0.09
276806	<1	617	14.9	47.7	200	0.39	183	4.4	2.55	1.13	20.9	3.6	2	0.85	6.5	0.29	<2	4.5	9.7	70	<5	2.04	9.9	2.8	1	505	0.3	0.64	1.09	<0.5	0.33
276807	<1	3020	6.6	51	240	0.19	43	2.69	1.9	0.52	14.6	1.76	0.9	0.59	3.2	0.3	<2	1.1	4.2	122	5	0.88	1.5	1.38	1	720	0.1	0.35	0.53	<0.5	0.29

ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	PGM-ICP23	PGM-ICP23	PGM-ICP23	S-IR08
U	V	W	Y	Yb	Zn	Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total	Au	Pt	Pd	S
ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	%
0.15	<5	5	5.6	0.47	88	26	35.39	3.52	14.33	1.36	32.02	0.16	0.05	0.57	0.35	0.18	0.06	0.01	<0.01	11.75	99.75	0.004	0.05	0.083	0.49
0.23	235	1	14.3	1.56	72	29	46.3	15.26	10	5.42	11.81	1.81	3.08	0.08	0.44	0.21	0.07	0.01	0.06	4.78	99.34	<0.001	<0.005	0.01	0.02
0.05	<5	12	1.7	0.22	93	14	34.44	1.6	16.43	0.1	34	0.2	0.05	0.65	0.11	0.12	0.02	<0.01	0.01	11.4	99.15	0.007	0.037	0.043	0.43
0.06	<5	2	2	0.22	106	13	35.86	1.48	12.45	0.07	36.31	0.18	0.04	0.75	0.16	0.16	0.04	0.01	<0.01	12.15	99.66	0.012	0.037	0.056	1.13
0.09	<5	5	3.2	0.27	79	20	34.19	1.67	13.2	0.09	36.39	0.1	0.07	0.66	0.17	0.22	0.03	<0.01	<0.01	12.4	99.18	0.034	0.037	0.067	0.13
0.08	60	3	3.9	0.38	79	14	38.52	6.82	14.46	5.65	24.99	0.2	0.12	0.27	0.22	0.17	0.03	0.01	<0.01	7.82	99.27	0.001	0.017	0.013	0.02
0.09	76	3	4	0.39	67	19	40.51	7.6	12.15	7.84	24.1	0.36	0.06	0.24	0.19	0.17	0.04	<0.01	<0.01	6.71	99.99	0.001	0.012	0.014	0.02
0.4	276	14	21.7	2.42	102	49	46.17	19.02	12.05	5.55	4.93	4.27	1.64	<0.01	1.16	0.22	0.31	0.05	0.04	4.36	99.77	0.002	<0.005	<0.001	0.01
0.34	299	6	21.1	2.31	107	52	45.54	20.18	12.06	4.11	5.36	3.86	2.05	<0.01	1.21	0.23	0.24	0.06	0.04	4.95	99.89	<0.001	<0.005	<0.001	0.01
0.89	249	6	20.6	2.02	104	78	48.49	19.95	10.46	5.26	4.13	3.4	3.1	<0.01	0.97	0.19	0.42	0.06	0.09	3.06	99.58	<0.001	<0.005	0.001	0.01
0.17	46	6	3.9	0.49	93	26	35.89	3.54	15.56	2.15	30.26	0.31	0.13	0.69	0.29	0.19	0.05	<0.01	<0.01	10.25	99.3	0.001	0.023	0.029	0.11
0.15	57	2	4.9	0.34	88	28	35.29	2.18	15	1.08	33	0.33	0.11	0.53	0.3	0.21	0.06	<0.01	<0.01	11.1	99.19	0.004	0.032	0.056	0.11
0.42	409	5	22.5	2.18	104	63	45.09	17.52	13.07	7.21	6.06	1.36	3.7	0.01	1.22	0.23	0.37	0.04	0.05	3.71	99.65	<0.001	<0.005	0.002	0.01
0.65	306	4	20.7	2.14	109	60	47.71	18.7	10.92	5.67	5.19	4.75	0.81	<0.01	1	0.2	0.4	0.06	0.02	4.24	99.68	<0.001	<0.005	<0.001	0.01
0.83	324	2	20.3	2.28	104	57	49.86	18.41	11.37	4.24	4.95	4.79	1.41	0.04	1.1	0.19	0.37	0.06	0.05	3.02	99.85	0.001	<0.005	<0.001	0.01
0.15	139	12	6.2	0.59	80	32	45.46	3.93	13.08	0.47	28.09	0.26	0.05	0.62	0.41	0.09	0.03	<0.01	<0.01	7.34	99.85	0.027	0.018	0.027	1.61
0.5	339	3	22.5	2.25	92	75	48.31	15.46	11.64	6.53	7.8	3.89	0.76	0.03	1.18	0.17	0.16	0.06	0.06	3.44	99.48	0.002	<0.005	0.006	0.53
0.23	274	6	15.2	1.88	82	34	46.26	15.63	11.34	13.13	6.83	2.33	0.1	0.03	0.47	0.19	0.1	0.07	0.29	3.15	99.91	<0.001	0.005	0.018	0.19

Appendix 6:

Miles Ridge Interpretation Summary,

Lamontagne Geophysics Ltd.

October 5, 2006 EBA File: 1240240

Xstrata Plc.
3296 Francis Hughes Ave
Laval, Quebec

Attention: Mr. Richard Nieminen, P.Geo.

Subject: Addendum to Spill Restoration Summary Report
Beaver Creek Aerodrome, Beaver Creek, Yukon

1.0 INTRODUCTION

EBA Engineering Consultants Ltd. (EBA) is pleased to submit this letter report detailing additional sampling with regards to restoration activities at the Beaver Creek Aerodrome in Yukon (the subject property or Site). EBA was retained by Mr. Richard Nieminen of the Falconbridge Ltd. to provide environmental consulting services with regards to the fuel spill at the Site. Mr. Kirn Dhillon, P.Eng, conducted the initial spill response. Sample results indicated that hydrocarbon concentrations in soil removed as part of a remedial excavation were actually below the applicable Yukon Contaminated Sites Regulation (CSR) Commercial Land Use numerical standards. The stockpile of suspected contaminated soil was subsequently re-sampled and analyzed. This letter report documents the results of re-sampling and makes appropriate recommendations. It is an addendum to the September 21, 2006 report, and is not meant to be a stand-alone report

2.0 SUMMARY OF ADDITIONAL FIELDWORK

On September 17, EBA collected two additional samples from the stockpile of suspected contaminated soil in a manner exceeding Protocol 3 of the CSR. The estimated volume of the stockpile was in the order of 50 m^3. One representative samples for each half of the pile was collected. One sample represented 25 m^3 of soil. Each sample was formed by combining five different sub-samples from a given half. The sub-samples represented 5m^3. In addition to the two additional samples collected, EBA has the result from an *in situ* sample that was collected as part of the initial soil remediation.

EBA Engineering Consultants Ltd.
p. 867.668.3068 • f. 867.668.4349
Calcite Business Centre • Unit 6, 151 Industrial Road • Whitehorse, Yukon Y1A 2V3 • CANADA

3.0 RESULTS

Laboratory results are attached in Appendix A. The results of the two additional samples, and the initial *in situ* sample are summarized as follows:

TABLE 1: ANALYTICAL SOIL TESTING RESULTS

Parameter	1240240-H (22/07/2006)	1240240-Stockpile 1 (17/09/2006)	1240240-Stockpile 2 (17/09/2006)	Y-CSR Commercial Standards
% Moisture	8.9	13	11	-
LEPHs	1300	-	-	2000
EHs10-19	1300	590	78	2000
HEPHs	<5	-	-	5000
EHs19-32	<5	7	<5	5000
Acenaphthene	<0.01	-	-	NS
Acenaphthylene	<0.01	-	-	NS
Anthracene	<0.01	-	-	NS
Benz(a)anthracene	<0.01	-	-	10
Benzo(a)pyrene*	<0.01	-	-	10
Benzo(b)fluoranthene	<0.01	-	-	10
Benzo(g,h,i)perylene	<0.01	-	-	NS
Benzo(k)fluoranthene	<0.01	-	-	10
Chrysene	<0.01	-	-	NS
Dibenz(a,h)anthracene	<0.01	-	-	10
Fluoranthene	<0.01	-	-	NS
Fluorene	<0.01	-	-	NS
Indeno(1,2,3-c,d)pyrene	<0.01	-	-	10
2-Methylnaphthalene	0.21	-	-	NS
Naphthalene	0.05	-	-	50
Phenanthrene	<0.01	-	-	50
Pyrene	<0.01	-	-	100
Benzene*	<0.02	-	-	150
Toluene*	<0.02	-	-	25
Ethylbenzene*	<0.02	-	-	20
Xylenes (total)*	0.15	-	-	50
Styrene	<0.01	-	-	50
VHs6-10	36	-	-	200
VPHs	35	-	-	200

Notes: * - The most stringent of "Intake of contaminated soil" and "Toxicity to soil invertebrate and plants" site specific factors from Schedule 2 of the CSR was chosen
All units are in ug/g unless otherwise stated
NS – no standard for this parameter is currently available in the CSR

4.0 CONCLUSIONS & RECOMMENDATIONS

The results indicate that hydrocarbon concentrations are below CSR Commercial Land Use numerical standards and the soil is not considered contaminated under the CSR. These concentrations would decline further if the soil was thinly spread over the ground surface. It is recommended that the stockpile be disposed of by spreading on a property with commercial or industrial land use designation.

5.0 LIMITATIONS OF LIABILITY

This report has been prepared for the exclusive use of Xstrata Plc. for the specific application described in Section 1.0 of this report. It has been prepared in accordance with generally accepted geo-environmental engineering practices. No other warranty is made, either expressed or implied. Engineering judgement has been applied in developing the recommendations of this report.

For further limitations, reference should be made to the attached Environmental Report-General Conditions, which form a part of this report.

With respect to regulatory compliance issues, please note that regulatory statutes and the interpretation of regulatory statutes are subject to change over time. Moreover, this report is not meant to represent a legal opinion regarding compliance with applicable laws.

6.0 CLOSURE

We trust this report meets your present requirements. Should you have any questions or comments, please contact the undersigned at your convenience.

Sincerely,
EBA Engineering Consultants Ltd.

Kirn S. Dhillon, B.A.Sc., P.Eng.
Project Environmental Engineer
Direct Line: (867) 668-2071, ext. 25
e-mail: kdhillon@eba.ca

reviewed by:
Bengt Pettersson, B.Sc., M.A.
Team Leader, Environmental Services
Direct Line: (867) 668-2071 ext. 35
e-mail: bpetterson@eba.ca

KSD/djw/bep

ENVIRONMENTAL REPORT – GENERAL CONDITIONS

This report incorporates and is subject to these "General Conditions".

1.0 USE OF REPORT

This report pertains to a specific site, a specific development, and a specific scope of work. It is not applicable to any other sites, nor should it be relied upon for types of development other than those to which it refers. Any variation from the site or proposed development would necessitate a supplementary investigation and assessment.

This report and the assessments and recommendations contained in it are intended for the sole use of EBA's client. EBA does not accept any responsibility for the accuracy of any of the data, the analysis or the recommendations contained or referenced in the report when the report is used or relied upon by any party other than EBA's client unless otherwise authorized in writing by EBA. Any unauthorized use of the report is at the sole risk of the user.

This report is subject to copyright and shall not be reproduced either wholly or in part without the prior, written permission of EBA. Additional copies of the report, if required, may be obtained upon request.

2.0 LIMITATIONS OF REPORT

This report is based solely on the conditions which existed on site at the time of EBA's investigation. The client, and any other parties using this report with the express written consent of the client and EBA, acknowledge that conditions affecting the environmental assessment of the site can vary with time and that the conclusions and recommendations set out in this report are time sensitive.

The client, and any other party using this report with the express written consent of the client and EBA, also acknowledge that the conclusions and recommendations set out in this report are based on limited observations and testing on the subject site and that conditions may vary across the site which, in turn, could affect the conclusions and recommendations made.

The client acknowledges that EBA is neither qualified to, nor is it making, any recommendations with respect to the purchase, sale, investment or development of the property, the decisions on which are the sole responsibility of the client.

2.1 INFORMATION PROVIDED TO EBA BY OTHERS

During the performance of the work and the preparation of this report, EBA may have relied on information provided by persons other than the client. While EBA endeavours to verify the accuracy of such information when instructed to do so by the client, EBA accepts no responsibility for the accuracy or the reliability of such information which may affect the report.

3.0 LIMITATION OF LIABILITY

The client recognizes that property containing contaminants and hazardous wastes creates a high risk of claims brought by third parties arising out of the presence of those materials. In consideration of these risks, and in consideration of EBA providing the services requested, the client agrees that EBA's liability to the client, with respect to any issues relating to contaminants or other hazardous wastes located on the subject site shall be limited as follows:

1. With respect to any claims brought against EBA by the client arising out of the provision or failure to provide services hereunder shall be limited to the amount of fees paid by the client to EBA under this Agreement, whether the action is based on breach of contract or tort;
2. With respect to claims brought by third parties arising out of the presence of contaminants or hazardous wastes on the subject site, the client agrees to indemnify, defend and hold harmless EBA from and against any and all claim or claims, action or actions, demands, damages, penalties, fines, losses, costs and expenses of every nature and kind whatsoever, including solicitor-client costs, arising or alleged to arise either in whole or part out of services provided by EBA, whether the claim be brought against EBA for breach of contract or tort.

4.0 JOB SITE SAFETY

EBA is only responsible for the activities of its employees on the job site and is not responsible for the supervision of any other persons whatsoever. The presence of EBA personnel on site shall not be construed in any way to relieve the client or any other persons on site from their responsibility for job site safety.

5.0 DISCLOSURE OF INFORMATION BY CLIENT

The client agrees to fully cooperate with EBA with respect to the provision of all available information on the past, present, and proposed conditions on the site, including historical information respecting the use of the site. The client acknowledges that in order for EBA to properly provide the service, EBA is relying upon the full disclosure and accuracy of any such information.

6.0 STANDARD OF CARE

Services performed by EBA for this report have been conducted in a manner consistent with the level of skill ordinarily exercised by members of the profession currently practicing under similar conditions in the jurisdiction in which the services are provided. Engineering judgement has been applied in developing the conclusions and/or recommendations provided in this report. No warranty or guarantee, express or implied, is made concerning the test results, comments, recommendations, or any other portion of this report.

7.0 EMERGENCY PROCEDURES

The client undertakes to inform EBA of all hazardous conditions, or possible hazardous conditions which are known to it. The client recognizes that the activities of EBA may uncover previously unknown hazardous materials or conditions and that such discovery may result in the necessity to undertake emergency procedures to protect EBA employees, other persons and the environment. These procedures may involve additional costs outside of any budgets previously agreed upon. The client agrees to pay EBA for any expenses incurred as a result of such discoveries and to compensate EBA through payment of additional fees and expenses for time spent by EBA to deal with the consequences of such discoveries.

8.0 NOTIFICATION OF AUTHORITIES

The client acknowledges that in certain instances the discovery of hazardous substances or conditions and materials may require that regulatory agencies and other persons be informed and the client agrees that notification to such bodies or persons as required may be done by EBA in its reasonably exercised discretion.

9.0 OWNERSHIP OF INSTRUMENTS OF SERVICE

The client acknowledges that all reports, plans, and data generated by EBA during the performance of the work and other documents prepared by EBA are considered its professional work product and shall remain the copyright property of EBA.

10.0 ALTERNATE REPORT FORMAT

Where EBA submits both electronic file and hard copy versions of reports, drawings and other project-related documents and deliverables (collectively termed EBA's instruments of professional service), the Client agrees that only the signed and sealed hard copy versions shall be considered final and legally binding. The hard copy versions submitted by EBA shall be the original documents for record and working purposes, and, in the event of a dispute or discrepancies, the hard copy versions shall govern over the electronic versions. Furthermore, the Client agrees and waives all future right of dispute that the original hard copy signed version archived by EBA shall be deemed to be the overall original for the Project.

The Client agrees that both electronic file and hard copy versions of EBA's instruments of professional service shall not, under any circumstances, no matter who owns or uses them, be altered by any party except EBA. The Client warrants that EBA's instruments of professional service will be used only and exactly as submitted by EBA.

The Client recognizes and agrees that electronic files submitted by EBA have been prepared and submitted using specific software and hardware systems. EBA makes no representation about the compatibility of these files with the Client's current or future software and hardware systems.

APPENDIX

APPENDIX A LABORATORY REPORTS

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

PRELIMINARY RESULTS

EBA ENG CONSULTANTS LTD
ATTN: KIRN DHILLON
UNIT 6 151 INDUSTRIAL RD
WHITEHORSE YK Y1A 2V3

Reported On: 03-AUG-06 03:31 PM

Lab Work Order #: L415795 **Date Received:** 27-JUL-06

Project P.O. #:
Job Reference: 1240240
Legal Site Desc:
CofC Numbers: 230041

Other Information:

Comments:

ROY JONES
General Manager

For any questions about this report please contact your Account Manager:

KAREN HUEBNER

ETL Chemspec Analytical Ltd.
Part of the **ALS Laboratory Group**
9936-67 Avenue, Edmonton, AB T6E 0P5
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A Campbell Brothers Limited Company

Now part of the ALS Laboratory Group

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units**	Extracted	Analyzed	By	Batch
L415795-1 1240240-1								
Sampled By: KSD on 22-JUL-06								
Matrix: SOIL								
% Moisture	9.2		0.1	%		28-JUL-06	VN	R424999
EPH (C10-C19) & EPH (C19-C32)								
EHs10-19	<5		5	ug/g	28-JUL-06	30-JUL-06	AAT	R425333
EHs19-32	13		5	ug/g	28-JUL-06	30-JUL-06	AAT	R425333
Surr: 2-Bromobenzotrifluoride	82		34-164	%	28-JUL-06	30-JUL-06	AAT	R425333
Surr: Hexatriacontane	51		37-183	%	28-JUL-06	30-JUL-06	AAT	R425333
L415795-2 1240240-2								
Sampled By: KSD on 22-JUL-06								
Matrix: SOIL								
% Moisture	11		0.1	%		28-JUL-06	VN	R424999
EPH (C10-C19) & EPH (C19-C32)								
EHs10-19	<5		5	ug/g	28-JUL-06	30-JUL-06	AAT	R425333
EHs19-32	22		5	ug/g	28-JUL-06	30-JUL-06	AAT	R425333
Surr: 2-Bromobenzotrifluoride	89		34-164	%	28-JUL-06	30-JUL-06	AAT	R425333
Surr: Hexatriacontane	64		37-183	%	28-JUL-06	30-JUL-06	AAT	R425333
L415795-3 1240240-3								
Sampled By: KSD on 22-JUL-06								
Matrix: SOIL								
% Moisture	14		0.1	%		28-JUL-06	VN	R424999
EPH (C10-C19) & EPH (C19-C32)								
EHs10-19	<5		5	ug/g	28-JUL-06	30-JUL-06	AAT	R425333
EHs19-32	22		5	ug/g	28-JUL-06	30-JUL-06	AAT	R425333
Surr: 2-Bromobenzotrifluoride	98		34-164	%	28-JUL-06	30-JUL-06	AAT	R425333
Surr: Hexatriacontane	71		37-183	%	28-JUL-06	30-JUL-06	AAT	R425333
L415795-4 1240240-4								
Sampled By: KSD on 22-JUL-06								
Matrix: SOIL								
% Moisture	9.6		0.1	%		28-JUL-06	VN	R424999
EPH (C10-C19) & EPH (C19-C32)								
EHs10-19	<5		5	ug/g	28-JUL-06	30-JUL-06	AAT	R425333
EHs19-32	10		5	ug/g	28-JUL-06	30-JUL-06	AAT	R425333
Surr: 2-Bromobenzotrifluoride	92		34-164	%	28-JUL-06	30-JUL-06	AAT	R425333
Surr: Hexatriacontane	51		37-183	%	28-JUL-06	30-JUL-06	AAT	R425333
L415795-5 1240240-A								
Sampled By: KSD on 22-JUL-06								
Matrix: SOIL								
% Moisture	3.5		0.1	%		28-JUL-06	VN	R424999
EPH (C10-C19) & EPH (C19-C32)								
EHs10-19	<5		5	ug/g	01-AUG-06	02-AUG-06	AAT	R426841
EHs19-32	<5		5	ug/g	01-AUG-06	02-AUG-06	AAT	R426841
Surr: 2-Bromobenzotrifluoride	87		34-164	%	01-AUG-06	02-AUG-06	AAT	R426841
Surr: Hexatriacontane	93		37-183	%	01-AUG-06	02-AUG-06	AAT	R426841
L415795-6 1240240-H								
Sampled By: KSD on 22-JUL-06								
Matrix: SOIL								
EPH and PAHs - BC CSR Regs								

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L415795-6 1240240-H								
Sampled By: KSD on 22-JUL-06								
Matrix: SOIL								
EPH and PAHs - BC CSR Regs								
LEPHs and HEPHs								
LEPHs	1300		5	ug/g		03-AUG-06		
EHs10-19	1300		5	ug/g		03-AUG-06		
HEPHs	<5		5	ug/g		03-AUG-06		
EHs19-32	<5		5	ug/g		03-AUG-06		
LEPHs and HEPHs								
Surr: 2-Bromobenzotrifluoride	110		34-164	%	01-AUG-06	02-AUG-06	AAT	R426841
Surr: Hexatriacontane	90		37-183	%	01-AUG-06	02-AUG-06	AAT	R426841
Prep/Analysis Dates					01-AUG-06	02-AUG-06	AAT	R426841
PAHs - BC CSR Regs								
Acenaphthene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Acenaphthylene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Anthracene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Benz(a)anthracene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Benzo(a)pyrene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Benzo(b)fluoranthene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Benzo(g,h,i)perylene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Benzo(k)fluoranthene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Chrysene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Dibenz(a,h)anthracene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Fluoranthene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Fluorene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Indeno(1,2,3-c,d)pyrene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
2-Methylnaphthalene	0.21		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Naphthalene	0.05		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Phenanthrene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Pyrene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	TMS	R425013
Surr: Nitrobenzene d5	0	SOL:MI	18-135	%	28-JUL-06	28-JUL-06	TMS	R425013
Surr: 2-Fluorobiphenyl	62		30-134	%	28-JUL-06	28-JUL-06	TMS	R425013
Surr: p-Terphenyl d14	84		47-146	%	28-JUL-06	28-JUL-06	TMS	R425013
VPH and BTEX - BC CSR Regs								
BTEX and VPH (C6-C10)								
Benzene	<0.02		0.02	ug/g	28-JUL-06	28-JUL-06	DCD	R425259
Toluene	<0.02		0.02	ug/g	28-JUL-06	28-JUL-06	DCD	R425259
Ethylbenzene	<0.02		0.02	ug/g	28-JUL-06	28-JUL-06	DCD	R425259
Xylenes (total)	0.15		0.02	ug/g	28-JUL-06	28-JUL-06	DCD	R425259
Styrene	<0.01		0.01	ug/g	28-JUL-06	28-JUL-06	DCD	R425259
VHs6-10	36		0.5	ug/g	28-JUL-06	28-JUL-06	DCD	R425259
VPHs	35		0.5	ug/g	28-JUL-06	28-JUL-06	DCD	R425259
% Moisture	8.9		0.1	%		28-JUL-06	VN	R424999
EPH (C10-C19) & EPH (C19-C32)								
EHs10-19	1300		5	ug/g	01-AUG-06	02-AUG-06	AAT	R426841
EHs19-32	<5	RAMB	5	ug/g	01-AUG-06	02-AUG-06	AAT	R426841
Surr: 2-Bromobenzotrifluoride	110		34-164	%	01-AUG-06	02-AUG-06	AAT	R426841
Surr: Hexatriacontane	90		37-183	%	01-AUG-06	02-AUG-06	AAT	R426841

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
RAMB	Result Adjusted For Method Blank
SOL:MI	Surrogate recovery outside acceptable limits due to matrix interference

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
BTX,TVH-BC-ED	Soil	BTEX and VPH (C6-C10)	EPA 5030	5030/8260 (BTEX); CSR-Anal. Meth.1 (VPH)
ETL-L/HEPH-CALC-ED	Soil	LEPHs and HEPHs		BC MELP; CSR-Analytical Method 3
ETL-LEPH/HEPH-ED	Soil	LEPHs and HEPHs		BC MELP; CSR-Analytical Method 3
PAH-BCCSR-ED	Soil	PAHs - BC CSR Regs	EPA 3540C	EPA 3540/8270-GC/MS
PREP-MOISTURE-ED	Soil	% Moisture		Oven dry 105C-Gravimetric
TEH-BC-ED	Soil	EPH (C10-C19) & EPH (C19-C32)		BC MELP; CSR-Analytical Method 3

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

230041

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA		

GLOSSARY OF REPORT TERMS
Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in environmental samples. Prior to sample processing, samples are fortified with one or more surrogate compounds.
The reported surrogate recovery value provides a measure of method efficiency. The Laboratory control limits are determined under column heading D.L.
mg/kg (units) - unit of concentration based on mass, parts per million.
mg/L (units) - unit of concentration based on volume, parts per million.
< - Less than.
D.L. - The reporting limit.
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.
Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.

Enviro-Test LABORATORIES

CHAIN OF CUSTODY / ANALYTICAL REQUEST FORM
CANADA TOLL FREE 1-800-668-9878

WWW.ENVIROTEST.COM

COC # 230041

Pg. 1 of 1

DATE: July 25, 2006

LAB WORK ORDER # L415795

REPORT TO:
COMPANY: EBA ENGINEERING CONSULTANTS
CONTACT: KIRN DHILLON
ADDRESS: 6-157 INDUSTRIAL ROAD
WHITEHORSE, YUKON
PHONE: 8676683068 FAX: 8676674349
CELLPHONE:
INVOICE TO: SAME (Y)/N
COMPANY:
CONTACT:
ADDRESS:
PHONE: FAX:

REPORT DISTRIBUTION ALL FINAL RESULTS WILL BE MAILED
EMAIL ✓ FAX
EMAIL 1: kdhillon@eba.ca
EMAIL 2:
DIGITAL EMAIL:
SELECT: pdf ✓ digital ✓ both

- ✓ REGULAR SERVICE (DEFAULT)
- PRIORITY SERVICE (50% SURCHARGE)
- EMERGENCY SERVICE (100% SURCHARGE)

JOB # 1240240
PO/AFE:
LSD:
QUOTE #

ANALYSIS REQUEST
INDICATE BOTTLES: FILTERED/PRESERVED (F/P)

SAMPLE ID	SAMPLING LOCATION	SAMPLED BY / DATE / TIME	SAMPLING METHOD	SAMPLE TYPE	EPHs	LEPHs, HEPHs	PAHs	BTEX, VPH	HAZARDOUS ?	NUMBER OF CONTAINERS	HIGHLY CONTAMINATED ?	LAB SAMPLE #
1240240 - 1		LSD/July 22		SOIL	✓	✓	✓	✓		1	N	
1240240 - 2		↓		↓	✓					—	↓	
1240240 - 3					✓					—		
1240240 - 4					✓					—		
1240240 - A					✓					1		
1240240 - H					✓	✓	✓	✓		1	↓	

YUKON - CSR

FROZEN / COLD / AMBIENT — MEAN TEMPERATURE

Failure to complete all portions of this form may delay analysis. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the reverse of the white report copy.

RELINQUISHED BY:	DATE & TIME	RECEIVED BY:	DATE & TIME	SAMPLE CONDITION ACCEPTABLE UPON RECEIPT ? (Y/N)
KIRN DHILLON	July 25 / 16:15	[illegible] 10:49	27 Jul 06	
RELINQUISHED BY:	DATE & TIME	RECEIVED BY:	DATE & TIME	

REFER TO BACK PAGE FOR SAMPLING INFORMATION & REGIONAL LOCATIONS WHITE - REPORT COPY, PINK - FILE COPY, YELLOW - CLIENT COPY

GENF04.01

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

PRELIMINARY RESULTS

EBA ENG CONSULTANTS LTD
ATTN: KIRN DHILLON
UNIT 6 151 INDUSTRIAL RD
WHITEHORSE YK Y1A 2V3

Reported On: 27-SEP-06 05:31 PM

Lab Work Order #: L435567 **Date Received:** 21-SEP-06

Project P.O. #:
Job Reference: 1240240
Legal Site Desc:
CofC Numbers:

Other Information:

Comments:

ROY JONES
General Manager, Edmonton

For any questions about this report please contact your Account Manager:

KAREN HUEBNER

ETL Chemspec Analytical Ltd.
Part of the **ALS Laboratory Group**
9936-67 Avenue, Edmonton, AB T6E 0P5
Phone: +1 780 413 5227 Fax: +1 780 437 2311 www.alsglobal.com
A Campbell Brothers Limited Company

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L435567-6	COMPOSITE OF 1240240-SA1,SA2,SA3,SA4,SA5								
Sampled By:	JENNIFER on 17-SEP-06								
Matrix:	SOIL								
	% Moisture	13		0.1	%		22-SEP-06	SDL	R445303
EPH (C10-C19) & EPH (C19-C32)									
	EHs10-19	590		5	ug/g	26-SEP-06	27-SEP-06	AAT	R446990
	EHs19-32	7		5	ug/g	26-SEP-06	27-SEP-06	AAT	R446990
Surr:	2-Bromobenzotrifluoride	128		34-164	%	26-SEP-06	27-SEP-06	AAT	R446990
Surr:	Hexatriacontane	118		37-183	%	26-SEP-06	27-SEP-06	AAT	R446990
L435567-12	COMPOSITE OF 1240240-SA6,SA7,SA8,SA9,SA10								
Sampled By:	JENNIFER on 17-SEP-06								
Matrix:	SOIL								
	% Moisture	11		0.1	%		22-SEP-06	SDL	R445303
EPH (C10-C19) & EPH (C19-C32)									
	EHs10-19	78		5	ug/g	26-SEP-06	27-SEP-06	AAT	R446990
	EHs19-32	<5		5	ug/g	26-SEP-06	27-SEP-06	AAT	R446990
Surr:	2-Bromobenzotrifluoride	91		34-164	%	26-SEP-06	27-SEP-06	AAT	R446990
Surr:	Hexatriacontane	68		37-183	%	26-SEP-06	27-SEP-06	AAT	R446990

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
PREP-MOISTURE-ED	Soil	% Moisture		Oven dry 105C-Gravimetric
TEH-BC-ED	Soil	EPH (C10-C19) & EPH (C19-C32)		BC MELP; CSR-Analytical Method 3

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA		

GLOSSARY OF REPORT TERMS
Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in environmental samples. Prior to sample processing, samples are fortified with one or more surrogate compounds. The reported surrogate recovery value provides a measure of method efficiency. The Laboratory control limits are determined under column heading D.L.
mg/kg (units) - unit of concentration based on mass, parts per million.
mg/L (units) - unit of concentration based on volume, parts per million.
< - Less than.
D.L. - The reporting limit.
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.
Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.

ALS Laboratory Group Quality Control Report

Workorder: L435567 Report Date: 27-SEP-06

Client: EBA ENG CONSULTANTS LTD
UNIT 6 151 INDUSTRIAL RD
WHITEHORSE YK Y1A 2V3

Contact: KIRN DHILLON

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PREP-MOISTURE-ED	Soil							
Batch R445303								
WG500329-1 DUP		**L435567-6**						
% Moisture		13	14		%	6.2	15	22-SEP-06
TEH-BC-ED	Soil							
Batch R446990								
WG502447-3 DUP		**L435705-7**						
EHs10-19		6	<5	RPD-NA	ug/g	N/A	69	27-SEP-06
EHs19-32		<5	<5	RPD-NA	ug/g	N/A	56	27-SEP-06
WG502447-2 LCS								
EHs10-19			79		%		55-145	27-SEP-06
EHs19-32			79		%		55-145	27-SEP-06
WG502447-1 MB								
EHs10-19			<5		ug/g		5	27-SEP-06
EHs19-32			<5		ug/g		5	27-SEP-06

ALS Laboratory Group Quality Control Report

Legend:

Limit	99% Confidence Interval (Laboratory Control Limits)
DUP	Duplicate
RPD	Relative Percent Difference
N/A	Not Available
LCS	Laboratory Control Sample
SRM	Standard Reference Material
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ADE	Average Desorption Efficiency
MB	Method Blank
IRM	Internal Reference Material
CRM	Certified Reference Material
CCV	Continuing Calibration Verification
CVS	Calibration Verification Standard
LCSD	Laboratory Control Sample Duplicate

Qualifier:

RPD-NA	Relative Percent Difference Not Available due to result(s) being less than detection limit.
A	Method blank exceeds acceptance limit. Blank correction not applied, unless the qualifier "RAMB" (result adjusted for method blank) appears in the Analytical Report.
B	Method blank result exceeds acceptance limit, however, it is less than 5% of sample concentration. Blank correction not applied.
E	Matrix spike recovery may fall outside the acceptance limits due to high sample background.
F	Silver recovery low, likely due to elevated chloride levels in sample.
G	Outlier - No assignable cause for nonconformity has been determined.
J	Duplicate results and limit(s) are expressed in terms of absolute difference.
K	The sample referenced above is of a non-standard matrix type; standard QC acceptance criteria may not be achievable.

CHAIN OF CUSTODY / ANALYTICAL REQUEST FORM

ANALYSIS REQUESTED L435567 PAGE 1 OF 1

CLIENT: EBA ENGINEERING CONSULTANTS LTD.
ADDRESS: 6-151 INDUSTRIAL ROAD
CITY: WHITEHORSE PROV.: YT POSTAL CODE: Y1A 2V3
CONTACT: KIRN DHILLON SAMPLER: JENNIFER
TELEPHONE: 867-668-3068 FAX: 867-668-4349
PROJECT NAME/NO.: 1240240
P.O. NO.: QUOTE NO.:
DATE SUBMITTED: SEP. 19, 2006 ALS CONTACT: KAREN HUEBNER

ALS Environmental
1988 Triumph Street
Vancouver, BC
Canada V5L 1K5
TEL: 604-253-4188
TOLL FREE: 1-800-665-0243
FAX: 604-253-6700
www.alsenviro.com

FOR LAB USE ONLY

LAB USE ONLY	SAMPLE IDENTIFICATION	DATE / TIME COLLECTED Y M D	MATRIX	BH(10-19), BH(19-32)	NOTES
	1240240 - SA1 PLEASE	06 09 17	SOIL		
	1240240 - SA2 COMPOSITE	" " "		✓	ON COMP1 ONLY
	1240240 - SA3 RETAIN	" " "			
	1240240 - SA4 REMAINDER	" " "			
	1240240 - SA5 COMP1	" " "			
	1240240 - SA6	" " "			
	1240240 - SA7 PLEASE	" " "			
	1240240 - SA8 COMPOSITE	" " "		✓	ON COMP2 ONLY
	1240240 - SA9 RETAIN	" " "			
	1240240 - SA10 REMAINDER	" " 14			
	COMP2				

TURN AROUND REQUIRED:
☑ ROUTINE (7 - 10 WORKING DAYS) ☐ RUSH (SPECIFY DATE): _____
SPECIAL INSTRUCTIONS (BILLING DETAILS, QC REPORTING, ETC.):

Y - CSR STANDARDS

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
KSD	SEP. 19, 2006		21-Sep-06
	TIME 2:15 PM		TIME 10:45
RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
	TIME		TIME

FOR LAB USE ONLY

COOLER SEAL INTACT UPON RECEIPT?
☐ YES ☐ NO ☐ N/A

SAMPLE TEMPERATURE UPON RECEIPT: 10.5 °C
FROZEN? ☐ YES ☑ NO

ALS COPY

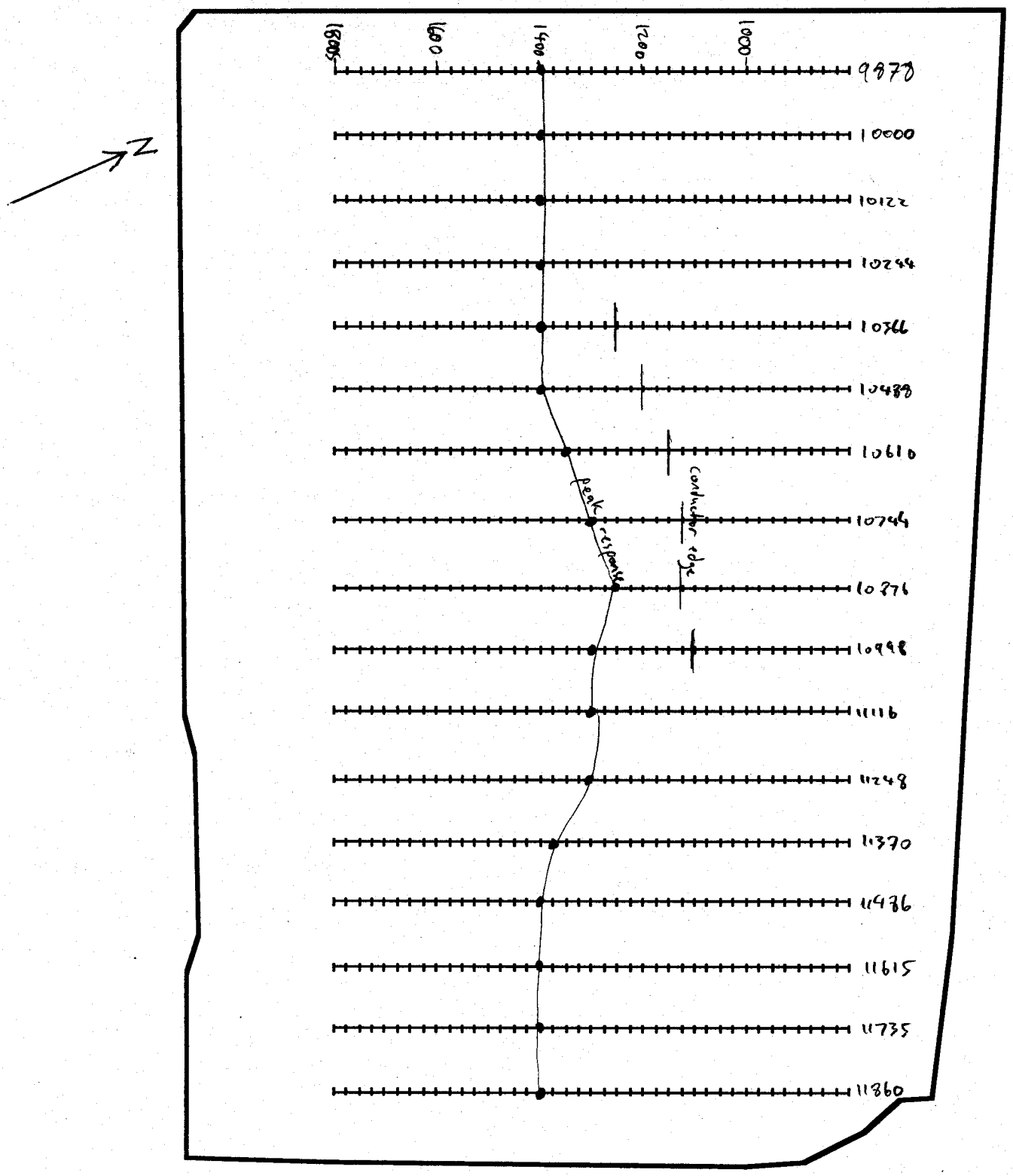


Figure 1
Canalask Grid: Loop CSK-06-01
Scale 1:13750

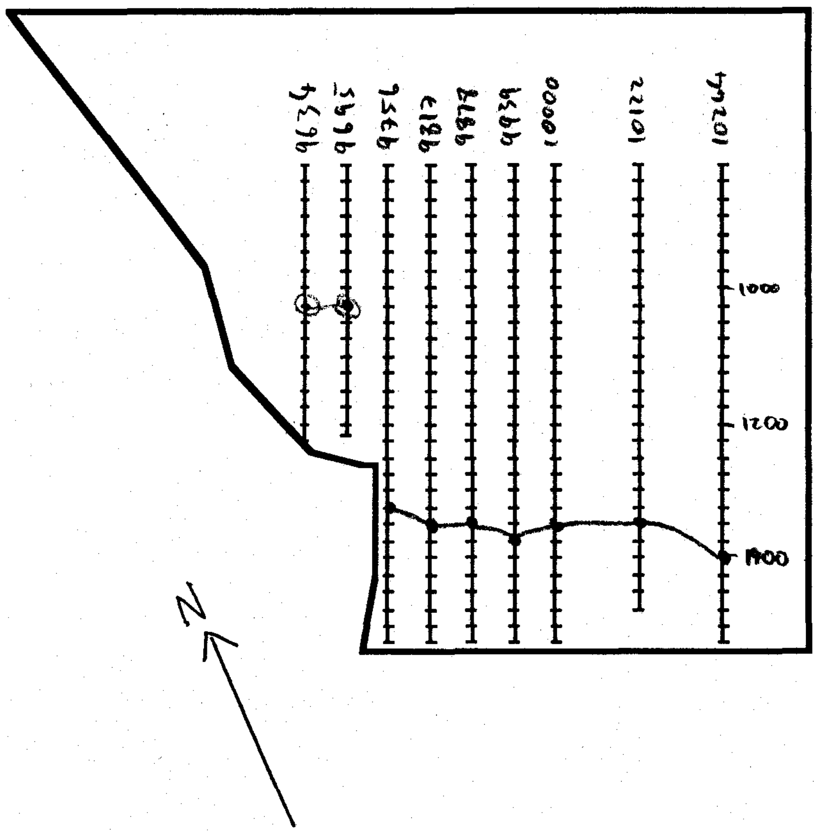


Figure 2
Canalask Grid: Loop CSK-06-01b
Scale 1:13750

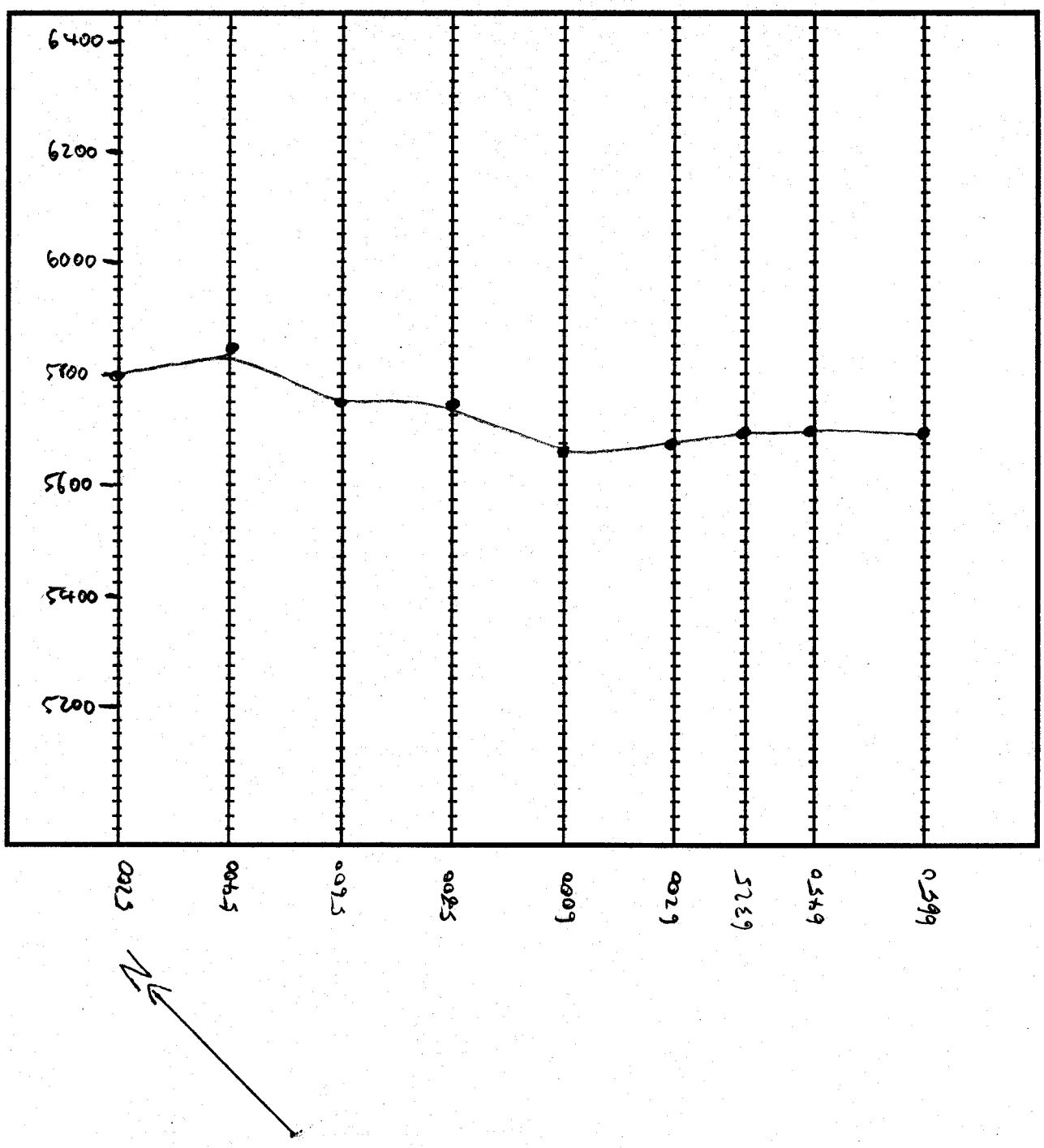


Figure 3
Pole Grid: Loop CSK-06-02
Scale 1:13750

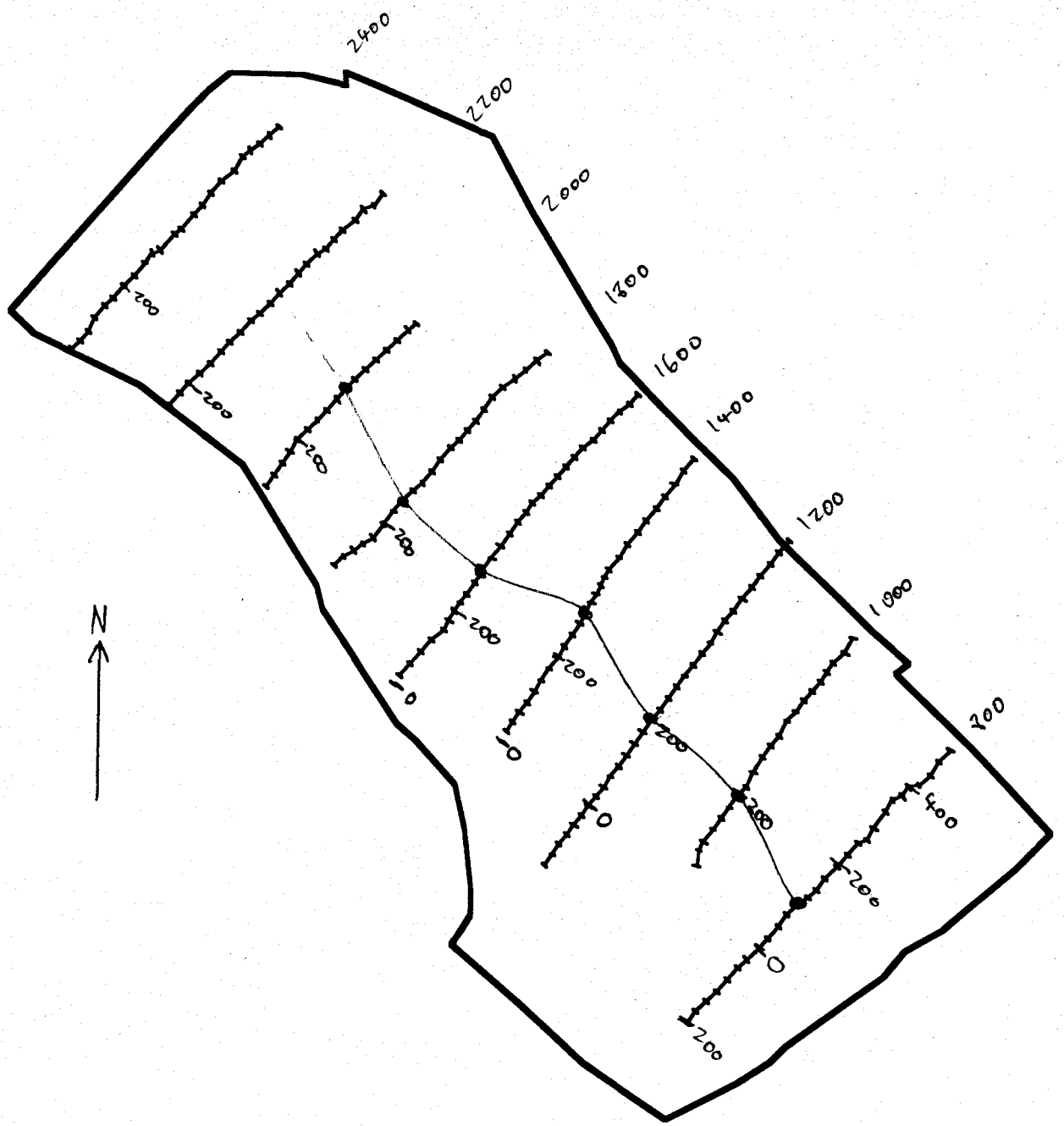


Figure 4
Onion Grid: Loop CSK-06-03
Scale 1:13750

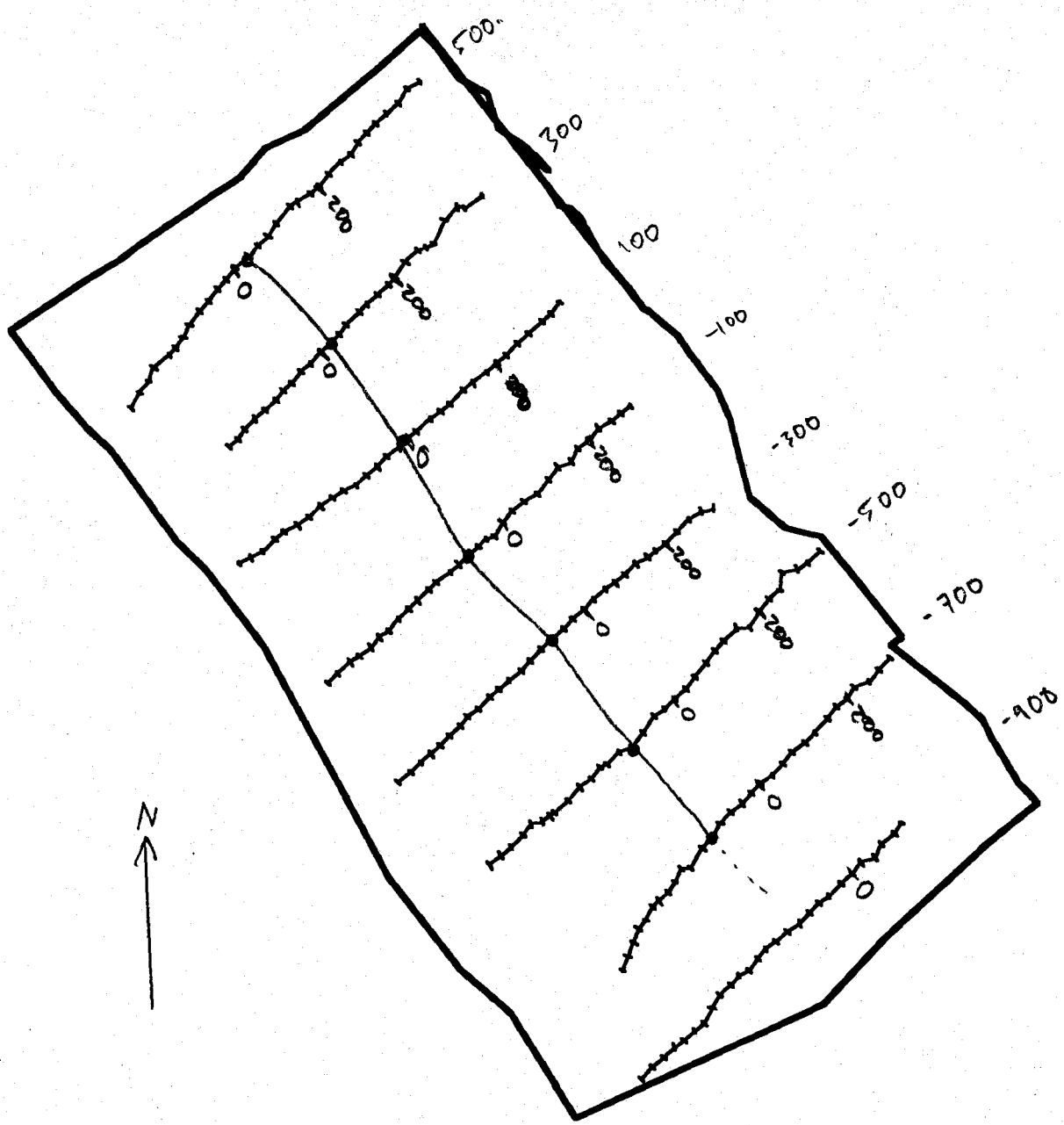


Figure 5
Onion Grid: Loop CSK-06-04
Scale 1:13750

Miles Ridge Interpretation Summary
Beaver Creek, Yukon.

This is a brief interpretation of the results of a UTEM 3 surface survey. This survey was conducted for Falconbridge Exploration Ltd. from July 14th to September 2nd, 2006 on a series of three grids, namely Canalask, Pole and Onion Grids, in the Yukon Territory. See Figure 1. Over all, the responses indicate weak conductors. They run in a southeast/northwest trend across the centre of each grid and are shallow dipping to the south.

The Canalask Grid

This grid includes two loops. Loop CSK-06-01 is a large loop that encompasses lines 9878E to 11860E. A conductor is located through the centre of this grid at approximately line 1400S. It is less conductive in the eastern part of the grid than in the western part. The largest response for this conductor is found in the middle of the grid, on lines 10488E to 10998E. The amplitude then gradually decreases as one moves further west toward the White River.

The conductor trends southeast/northwest with a possible edge on the north side. The edge lies at 1250S and goes slightly north (1100S) in the middle of the grid. See Figure 1. This is a shallow dipping conductor that dips approximately 20 degrees to the south at a depth of about 300 metres.

Loop CSK-06-01b is a smaller loop in the west encompassing lines 9634E to 10244E. See Figure 2. Again, a similar response is seen here, as in the first loop. The conductor is located at approximately 1400S and becomes less conductive as it trends to the west toward the White River. There is another very weak anomaly at station 1000S on lines 9634E and 9695E that effect the early channels but is otherwise too weakly conductive for further comment.

The Pole Grid

To the east of the Canalask Grid lies the Pole Grid with one loop, CSK-06-02. There is a response along the centre of this grid as well. See Figure 3. This seems weakly conductive, indicated by a response in the early time channels (6-10) but leaving the mid to late time channels almost undisturbed. Again, it is flat lying with possibly a slight dip to the south and a more abrupt contact on the north edge.

The Onion Grid

The Onion Grid contains two loops. Loop CSK-06-03 is located at the top of the grid to the northwest of Loop CSK-06-04. See Figure 4 and 5. There is a conductive feature that trends southeast/northwest through the centre of both loops. It dips to the south with the edge to the north. The conductor in Loop 3 is located at 200 to 400E and disappears north of line 2000N (near the top of the property line). Loop CSK-06-04 detects a similar conductor further to the south. This conductor is located between 0 to 200W and is less conductive on lines south of 500S. These conductors are weakly conductive.

Conclusion

There is a conductor on each grid that trends southeast/northwest. It is conductive enough that its shape can be estimated as long and slender. It dips to the south and lies approximately 300 metres below the surface. However, these anomalies were found by observing the early time channels. The late time channels are less responsive and suggest the anomalies are very weakly conductive.

The GPS part of this survey was halted by the client before it could be completed. As a result, the geometrical parameters were never reconciled for these grids. This causes large Channel 1 responses in the data that are possibly due to geometrical error. Other Channel 1 responses could be due to magnetostatic UTEM responses which are outlined in Appendix D of the logistics report, which is attached below for convenience. In spite of this, the data collected is still a useful guide for the interpretation, although without accurate geometrical parameters we cannot discriminate between non-decaying Channel 1 only conductors, geometrical errors and magnetostatic responses.

Note on sources of anomalous Ch1
(from Appendix D in the Logistics Report for this survey)

This section outlines the possible sources of anomalous channel 1 which is not correlated to the Ch2-10 data plotted on the upper axes of a *channel 1 normalized* plot.

1) **Mislocation of the transmitter loop and/or survey stations**

Mislocating the transmitter loop and/or the survey stations results in an error in the calculated primary field at the station and appears as an anomalous Ch1 value not correlated to *channel 1 normalized* Ch2-10. The effect is amplified near the loop front. This can be seen in the profiles - the error in Ch1 generally increases approaching the loop. As a rule a 1% error in measurement of the distance from the loop will result in, for outside the loop surveys, an error in Ch1 of:

- 1% near the loop front (long-wire field varies as $1/r$)
- 3% at a distance from the loop front (dipolar field varies as $1/r^3$)
- 2% at intermediate distances (intermediate field varies as $\sim 1/r^2$)

Errors in elevation result in smaller errors but as they often affect the chainage they accumulate along the line.

The in-loop survey configuration generally diminishes geometric error since the field gradients are very low. At the centre of the loop the gradient in the vertical field is essentially zero so it is difficult to introduce geometric anomalies near the loop centre. Near the loop sides and at the closest approach of the lines to the wire mislocation of the loop and the station becomes more critical. Typically loop sides are designed to be >200m from any survey stations.

2) **Magnetostatic UTEM responses**

Magnetostatic UTEM responses arise over rocks which generate magnetic anomalies. Such magnetic materials will amplify the total (primary + secondary) field of the UTEM transmitter which is sensed by the receiver coil. The secondary field is generated by subtracting a computed primary which does not include magnetic effects. This can give rise to strong and abrupt channel 1 anomalies when the source of the magnetics is at surface. This is the case in a number of places on these grids. UTEM magnetostatic anomalies differ from DC magnetic anomalies in the following three major ways:

1) In the case of DC magnetics the field is dipping N and is very uniform over the scale of the survey area while the UTEM field inside the loop is vertical and it is stronger near the loop edges.
2) Most aeromagnetics are collected as total field while with UTEM we measure a given (in this case the z) component.
3)DC magnetic instruments observe the total magnetization of the causative body which is due to its susceptibility as well as any remnant magnetization. An AC method such as UTEM will not respond to the remnant portion of the magnetization.

The larger amplitude of the UTEM Ch1 response is explained by the fact that the UTEM primary field is often more favourably coupled (magnetostatically speaking) to magnetic mineralization as compared to the earths field. Another factor could be the presence of a reverse remnant component to the magnetization.

Note that positive (*negative*) magnetic anomalies will cause:
- positive (*negative*) Ch1 anomalies in data collected outside the loop
- negative (*positive*) Ch1 anomalies in data collected inside the loop

3) **Extremely good conductors**

An extremely good conductor will be characterized by a time constant much longer than the half-period (@ 30Hz >>16ms). This will give rise to an anomalous Ch1 which is not correlated to the Ch2-10 data plotted on the upper axes of a *channel 1 normalized* plot.

Appendix 7:

Original Analytical Results

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: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 16-SEP-2006
Account: UZJ

WR

CERTIFICATE VA06080537

Project: Canalask

P.O. No.: YK-001

This report is for 35 Rock samples submitted to our lab in Vancouver, BC, Canada on 9-AUG-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

SAMPLE PREPARATION

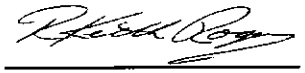
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS81	38 element fusion ICP-MS	ICP-MS
ME-XRF06	Whole Rock Package - XRF	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
S-IR08	Total Sulphur (Leco)	LECO
As-AA61	Trace As - four acid digestion	AAS
V-AA61	Trace V - four-acid digestion	AAS
Cr-AA61	Trace Cr - four-acid digestion	AAS
Co-AA61	Trace Co - four-acid digestion	AAS
Ni-AA61	Trace Ni - four-acid digestion	AAS
Ni-AA62	Ore grade Ni - four acid / AA	AAS

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

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

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: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 16-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06080537

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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
RC276251		1.14														
RC276252		1.26														
RC276253		0.86														
RC276254		0.78														
RC276255		1.28														
RC276256		1.10														
RC276257		1.12														
RC276258		1.92														
RC276259		1.72														
RC276260		1.34														
RC276261		1.46														
RC276262		1.52														
RC276263		1.26														
RC276264		0.84														
RC276265		0.86														
RC276266		1.28														
RC276267		1.16														
RC276268		1.46														
RC276269		1.32														
RC276501		1.28														
RC276502		0.82														
RC276503		1.24														
RC276504		0.82														
RC276505		0.52														
RC276506		0.94														
RC276507		0.68														
RC276508		0.80														
RC276509		0.86														
RC276510		0.60														
RC276511		1.04														
RC276512		1.36														
RC276513		0.80														
RC276514		0.96	<1	699	36.7	22.2	10	0.63	87	4.70	2.84	1.44	16.8	4.73	2.9	1.00
RC276515		0.22														
RC276516		0.76														

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3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 16-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06080537

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
RC276251																
RC276252																
RC276253																
RC276254																
RC276255																
RC276256																
RC276257																
RC276258																
RC276259																
RC276260																
RC276261																
RC276262																
RC276263																
RC276264																
RC276265																
RC276266																
RC276267																
RC276268																
RC276269																
RC276501																
RC276502																
RC276503																
RC276504																
RC276505																
RC276506																
RC276507																
RC276508																
RC276509																
RC276510																
RC276511																
RC276512																
RC276513																
RC276514		17.5	0.47	<2	4.6	20.7	151	<5	4.88	31.7	4.96	2	209	0.4	0.79	2.20
RC276515																
RC276516																

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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212 Brooksbank Avenue
North Vancouver BC V7J 2C1
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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 16-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06080537

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	Analyte	Tl	Tm	U	V	W	Y	Yb	Zn	Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
	LOR	0.5	0.01	0.05	5	1	0.5	0.03	5	2	0.01	0.01	0.01	0.01	0.01	0.01
RC276251 RC276252 RC276253 RC276254 RC276255																
RC276256 RC276257 RC276258 RC276259 RC276260																
RC276261 RC276262 RC276263 RC276264 RC276265																
RC276266 RC276267 RC276268 RC276269 RC276501																
RC276502 RC276503 RC276504 RC276505 RC276506																
RC276507 RC276508 RC276509 RC276510 RC276511																
RC276512 RC276513 RC276514 RC276515 RC276516		<0.5	0.41	1.02	190	7	25.7	2.69	111	91	59.66	15.84	9.86	0.75	3.11	3.94

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3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 16-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06080537

Sample Description	Method	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	PGM-ICP23	PGM-ICP23	PGM-ICP23	S-IR08	As-AA61	V-AA61
	Analyte	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total	Au	Pt	Pd	S	As	V
	Units	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.005	0.001	0.01	5	5
RC276251											0.018	<0.005	0.004	0.03	35	161
RC276252											0.004	<0.005	<0.001	1.14	19	52
RC276253											0.009	0.005	0.009	0.38	47	267
RC276254											0.023	<0.005	0.003	1.94	35	215
RC276255											0.185	<0.005	0.005	4.51	42	59
RC276256											0.041	<0.005	0.001	16.45	1860	7
RC276257											0.013	<0.005	0.002	0.46	1220	101
RC276258											0.010	<0.005	0.004	1.61	59	321
RC276259											0.051	<0.005	<0.001	0.10	30	20
RC276260											<0.001	<0.005	0.001	0.04	17	14
RC276261											0.005	0.065	0.082	0.05	32	10
RC276262											0.003	0.098	0.148	0.02	35	21
RC276263											0.005	0.028	0.033	0.07	41	102
RC276264											<0.001	0.017	0.013	0.02	34	122
RC276265											0.001	0.039	0.056	0.20	31	102
RC276266											0.726	<0.005	<0.001	0.91	8	<5
RC276267											0.006	0.018	0.021	0.01	29	14
RC276268											0.002	0.031	0.053	0.20	31	99
RC276269											0.002	<0.005	<0.001	0.24	18	46
RC276501											0.024	0.005	<0.001	15.95	36	154
RC276502											0.024	<0.005	<0.001	5.66	28	165
RC276503											0.023	0.162	0.331	0.44	16	121
RC276504											0.018	0.078	0.129	0.20	24	87
RC276505											0.002	0.034	0.039	0.05	20	65
RC276506											0.002	0.027	0.035	0.08	16	34
RC276507											0.003	0.069	0.158	0.31	21	73
RC276508											0.003	0.094	0.208	0.10	26	39
RC276509											<0.001	0.016	0.011	0.02	27	22
RC276510											0.072	<0.005	0.001	10.35	30	174
RC276511											0.012	<0.005	<0.001	15.15	28	141
RC276512											0.283	<0.005	<0.001	5.32	90	262
RC276513											0.004	<0.005	0.002	0.09	22	218
RC276514		1.27	<0.01	0.99	0.09	0.27	0.02	0.08	3.36	99.24	0.002	<0.005	<0.001	0.03		
RC276515											<0.001	0.008	0.007	0.02	13	223
RC276516											<0.001	<0.005	<0.001	0.62	14	101

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LAVAL QC H7L 5A7

Finalized Date: 16-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06080537

Sample Description	Method Analyte Units LOR	Cr-AA61 Cr ppm 2	Co-AA61 Co ppm 5	Ni-AA61 Ni ppm 5	Ni-AA62 Ni % 0.01
RC276251		18	23	14	
RC276252		8	<5	<5	
RC276253		191	38	64	
RC276254		51	34	27	
RC276255		17	108	21	
RC276256		9	84	5	
RC276257		50	30	9	
RC276258		26	38	9	
RC276259		17	5	7	
RC276260		10	<5	15	
RC276261		2890	132	2610	
RC276262		3730	150	2880	
RC276263		2320	116	1315	
RC276264		1830	93	889	
RC276265		3760	124	1695	
RC276266		58	7	29	
RC276267		3240	141	2280	
RC276268		4120	143	2400	
RC276269		28	<5	23	
RC276501		58	941	>10000	1.56
RC276502		61	388	9750	
RC276503		2580	108	1960	
RC276504		3970	121	2590	
RC276505		3550	111	1925	
RC276506		3100	125	2130	
RC276507		4050	125	2300	
RC276508		3740	174	2800	
RC276509		3560	114	2330	
RC276510		68	481	4250	
RC276511		54	791	139	
RC276512		40	423	>10000	4.08
RC276513		16	29	151	
RC276514					
RC276515		673	60	319	
RC276516		9	6	31	

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CERTIFICATE VA06080538

Project: Canalask

P.O. No.: YK-001

This report is for 38 Stream Sediment samples submitted to our lab in Vancouver, BC, Canada on 9-AUG-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
S-IR08	Total Sulphur (Leco)	LECO
ME-ICP61	27 element four acid ICP-AES	ICP-AES

Sed's.

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Carl's silts / Ant.

505

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: Richard Rogers
Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06080538

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	S-IR08 S % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1
TC276201		0.70	0.039	0.007	0.008	0.22	<0.5	9.10	21	310	0.6	<2	6.37	<0.5	42	111
TC276202		0.64	0.036	<0.005	0.007	0.23	<0.5	8.85	23	280	0.6	4	5.87	<0.5	34	102
TC276203		0.24	0.069	<0.005	0.005	0.29	<0.5	8.18	16	370	0.9	3	2.96	<0.5	22	71
TC276204		0.62	0.021	<0.005	0.004	0.23	<0.5	8.88	18	380	0.9	<2	3.45	<0.5	33	87
TC276205		0.48	0.071	0.005	0.005	0.16	<0.5	8.39	17	360	0.7	<2	4.69	<0.5	30	181
TC276206		0.52	0.026	0.011	0.007	0.18	<0.5	8.44	10	260	0.6	<2	5.68	<0.5	35	104
TC276207		0.36	0.006	<0.005	0.005	0.16	<0.5	8.65	9	760	1.1	4	3.38	<0.5	22	219
TC276208		0.48	0.056	0.008	0.004	0.14	<0.5	8.52	12	340	0.7	3	4.90	<0.5	33	183
TC276209		0.48	0.023	<0.005	0.005	0.25	<0.5	8.97	<5	490	0.8	<2	5.02	<0.5	34	188
TC276210		0.50	0.020	0.011	0.006	0.14	<0.5	9.21	12	430	0.8	<2	4.73	<0.5	31	141
TC276211		0.32	0.035	0.011	0.006	0.16	<0.5	9.15	11	480	0.9	3	4.66	<0.5	30	124
TC276212		0.66	0.015	0.005	0.004	0.07	<0.5	8.50	7	330	0.7	3	5.18	<0.5	23	101
TC276213		0.48	0.043	0.006	0.006	0.16	<0.5	8.60	15	440	0.8	2	4.58	<0.5	29	147
TC276214		0.64	0.013	<0.005	0.003	0.05	<0.5	8.12	5	300	0.6	3	5.67	<0.5	26	121
TC276215		0.56	0.015	<0.005	0.005	0.22	<0.5	8.26	11	420	0.8	3	4.45	<0.5	29	130
TC276216		0.34	0.014	<0.005	0.006	0.29	0.7	7.23	18	660	0.8	2	2.94	0.7	36	293
TC276217		0.42	0.008	<0.005	0.009	0.25	<0.5	7.83	28	260	0.7	2	5.15	<0.5	31	136
TC276218		0.36	0.010	<0.005	0.006	0.30	0.7	7.72	38	430	0.8	3	4.56	<0.5	27	130
TC276219		0.48	0.152	0.005	0.007	0.20	<0.5	8.63	36	350	0.8	<2	4.65	<0.5	29	146
TC276220		0.42	0.235	<0.005	0.005	0.24	0.8	8.55	51	380	0.8	4	4.40	<0.5	29	137
TC276221		0.42	0.034	0.005	0.007	0.24	<0.5	8.13	39	340	0.7	6	4.49	<0.5	27	114
TC276222		0.50	0.031	<0.005	0.007	0.24	<0.5	8.30	41	510	0.7	3	4.60	<0.5	30	153
TC276223		0.48	0.010	<0.005	0.005	0.29	<0.5	8.48	28	360	0.8	3	4.91	<0.5	30	139
TC276224		0.46	0.026	<0.005	0.005	0.16	<0.5	8.41	35	380	0.8	<2	4.46	0.6	28	129
TC276225		0.28	0.032	<0.005	0.006	0.20	<0.5	8.27	40	410	0.8	2	4.44	<0.5	26	128
TC276226		0.56	0.185	<0.005	0.003	0.22	<0.5	8.32	30	470	0.7	<2	4.61	<0.5	30	139
TC276227		0.52	0.279	0.074	0.005	0.14	<0.5	8.52	21	410	0.8	<2	4.39	<0.5	34	216
TC276228		0.24	0.028	<0.005	0.004	0.24	<0.5	8.38	38	340	0.8	<2	4.22	<0.5	32	117
TC276229		0.46	0.050	<0.005	0.005	0.18	<0.5	8.53	21	410	0.8	2	4.47	<0.5	32	174
TC276230		0.50	0.014	<0.005	0.005	0.15	<0.5	7.67	13	380	0.7	<2	4.20	<0.5	28	192
TC276231		0.52	0.741	<0.005	0.006	0.21	<0.5	6.90	14	330	0.6	<2	4.10	<0.5	34	337
TC276294		0.42	0.054	0.014	0.020	0.22	<0.5	7.01	28	360	0.7	<2	2.48	<0.5	40	1480
TC276295		0.32	0.008	<0.005	0.002	0.40	<0.5	6.36	10	450	0.9	<2	3.07	<0.5	18	105
TC276296		0.46	0.005	<0.005	0.013	0.27	<0.5	7.64	6	500	0.9	<2	3.59	<0.5	27	608
TC276297		0.38	0.003	0.006	0.023	0.25	<0.5	6.62	20	380	0.7	<2	2.61	<0.5	38	1200
TC276298		0.44	0.005	0.007	0.011	0.21	<0.5	6.91	17	400	0.7	<2	2.71	<0.5	33	833
TC276299		0.50	0.011	<0.005	0.010	0.24	<0.5	6.88	11	420	0.8	<2	3.29	<0.5	30	586
TC276300		0.54	0.002	<0.005	0.003	0.11	<0.5	7.79	<5	570	0.9	<2	3.37	<0.5	17	240

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Finalized Date: 13-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06080538

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V
	Units	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1
TC276201		195	7.59	0.94	3.55	1300	2	2.01	47	1250	10	0.24	5	571	0.56	319
TC276202		180	7.07	0.88	3.28	1200	2	1.93	47	1090	6	0.18	<5	529	0.50	293
TC276203		207	6.67	1.22	1.78	1060	4	2.01	31	1500	12	0.09	<5	362	0.47	215
TC276204		170	6.98	1.35	2.31	1190	4	2.31	38	1480	12	0.17	6	426	0.46	245
TC276205		114	7.54	1.01	3.16	1165	2	2.02	60	1110	12	0.04	5	425	0.51	304
TC276206		161	7.12	0.85	3.22	1185	1	1.99	45	1070	9	0.22	<5	528	0.47	283
TC276207		59	5.42	1.40	2.40	1065	1	2.24	60	1060	10	0.05	<5	387	0.59	191
TC276208		142	9.02	1.04	3.15	1215	2	2.09	59	1170	9	0.12	<5	469	0.53	387
TC276209		122	8.28	1.15	3.14	1250	2	2.19	58	1150	11	0.12	7	491	0.59	357
TC276210		133	6.30	1.27	3.06	1170	2	2.28	56	980	10	0.09	<5	492	0.50	242
TC276211		129	6.43	1.24	2.97	1170	1	2.24	55	1110	16	0.09	5	478	0.50	243
TC276212		120	5.58	1.04	2.80	1090	1	2.44	39	990	6	0.01	<5	526	0.44	211
TC276213		122	6.76	1.16	2.87	1130	2	2.17	54	1030	10	0.09	<5	466	0.49	272
TC276214		90	6.78	0.93	3.08	1180	1	2.33	42	1020	7	0.02	<5	513	0.47	274
TC276215		143	6.25	1.15	2.78	1130	2	2.17	51	1070	10	0.10	9	448	0.48	242
TC276216		119	6.09	1.38	3.56	1135	2	1.29	151	820	20	0.17	<5	185	0.52	215
TC276217		187	6.78	0.78	3.14	1115	1	1.60	58	1090	12	0.07	6	435	0.46	247
TC276218		140	6.90	0.92	2.35	995	2	1.60	45	1070	11	0.12	<5	382	0.47	269
TC276219		149	7.88	1.00	2.96	1140	2	1.83	49	1120	14	0.09	6	412	0.50	304
TC276220		142	7.92	0.95	2.85	1145	2	1.65	50	1100	16	0.14	6	372	0.51	312
TC276221		124	6.73	0.92	2.76	1105	2	1.71	43	970	9	0.11	<5	390	0.46	249
TC276222		145	7.95	0.91	2.87	1145	2	1.70	50	1080	13	0.11	6	392	0.48	312
TC276223		130	7.04	1.01	2.94	1180	2	1.91	47	1070	9	0.11	<5	436	0.49	268
TC276224		121	6.77	0.95	2.79	1100	1	1.71	50	980	13	0.09	<5	384	0.47	260
TC276225		113	7.04	0.95	2.85	1065	1	1.76	46	1050	14	0.09	<5	381	0.49	275
TC276226		116	7.60	0.94	2.87	1110	1	1.74	50	1090	9	0.09	<5	382	0.49	305
TC276227		132	9.55	1.11	2.88	1215	2	2.01	58	1170	6	0.14	<5	422	0.58	415
TC276228		152	6.62	0.97	2.76	1160	2	1.67	51	1080	9	0.08	<5	374	0.45	241
TC276229		118	8.39	1.16	3.03	1195	2	2.13	57	1070	11	0.07	6	436	0.53	346
TC276230		137	8.29	1.07	2.81	1125	1	2.05	49	1030	8	0.05	<5	417	0.51	342
TC276231		122	15.10	0.91	2.84	1245	1	1.79	55	960	10	0.11	6	360	0.60	707
TC276294		67	7.05	1.07	4.05	871	1	1.39	360	590	11	0.07	<5	259	0.49	167
TC276295		78	3.98	1.02	1.32	1100	1	1.57	38	860	10	0.15	<5	523	0.42	117
TC276296		56	5.54	1.08	2.70	1065	1	2.16	135	720	8	0.07	<5	355	0.63	177
TC276297		64	6.07	0.97	3.98	920	1	1.49	352	580	11	0.06	<5	269	0.47	151
TC276298		57	5.57	1.04	3.64	958	1	1.67	272	610	11	0.05	<5	296	0.50	154
TC276299		63	5.17	1.09	3.37	911	1	1.81	231	660	8	0.08	<5	318	0.51	157
TC276300		32	4.17	1.18	2.33	813	<1	2.44	66	720	7	0.03	<5	368	0.57	165

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CERTIFICATE OF ANALYSIS VA06080538

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
TC276201		<10	102
TC276202		<10	88
TC276203		<10	90
TC276204		<10	89
TC276205		<10	90
TC276206		<10	82
TC276207		10	111
TC276208		<10	92
TC276209		<10	102
TC276210		<10	98
TC276211		<10	96
TC276212		<10	72
TC276213		<10	95
TC276214		<10	72
TC276215		<10	90
TC276216		<10	269
TC276217		<10	103
TC276218		<10	126
TC276219		<10	141
TC276220		<10	150
TC276221		<10	135
TC276222		<10	148
TC276223		<10	151
TC276224		<10	140
TC276225		<10	130
TC276226		<10	134
TC276227		<10	102
TC276228		<10	141
TC276229		<10	108
TC276230		<10	93
TC276231		<10	105
TC276294		<10	102
TC276295		<10	103
TC276296		<10	105
TC276297		<10	98
TC276298		<10	95
TC276299		<10	91
TC276300		<10	83

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 13-SEP-2006
Account: UZJ

CERTIFICATE VA06080538

Project: Canalask

P.O. No.: YK-001

This report is for 38 Stream Sediment samples submitted to our lab in Vancouver, BC, Canada on 9-AUG-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

SAMPLE PREPARATION

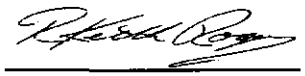
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
S-IR08	Total Sulphur (Leco)	LECO
ME-ICP61	27 element four acid ICP-AES	ICP-AES

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: CHRIS COCKBURN
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

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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LAVAL QC H7L 5A7

Finalized Date: 13-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06080538

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	S-IR08	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Pt	Pd	S	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr
	Units	kg	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1
TC276201		0.70	0.039	0.007	0.008	0.22	<0.5	9.10	21	310	0.6	<2	6.37	<0.5	42	111
TC276202		0.64	0.036	<0.005	0.007	0.23	<0.5	8.85	23	280	0.6	4	5.87	<0.5	34	102
TC276203		0.24	0.069	<0.005	0.005	0.29	<0.5	8.18	16	370	0.9	3	2.96	<0.5	22	71
TC276204		0.62	0.021	<0.005	0.004	0.23	<0.5	8.88	18	380	0.9	<2	3.45	<0.5	33	87
TC276205		0.48	0.071	0.005	0.005	0.16	<0.5	8.39	17	360	0.7	<2	4.69	<0.5	30	181
TC276206		0.52	0.026	0.011	0.007	0.18	<0.5	8.44	10	260	0.6	<2	5.68	<0.5	35	104
TC276207		0.36	0.006	<0.005	0.005	0.16	<0.5	8.65	9	760	1.1	4	3.38	<0.5	22	219
TC276208		0.48	0.056	0.008	0.004	0.14	<0.5	8.52	12	340	0.7	3	4.90	<0.5	33	183
TC276209		0.48	0.023	<0.005	0.005	0.25	<0.5	8.97	<5	490	0.8	<2	5.02	<0.5	34	188
TC276210		0.50	0.020	0.011	0.006	0.14	<0.5	9.21	12	430	0.8	<2	4.73	<0.5	31	141
TC276211		0.32	0.035	0.011	0.006	0.16	<0.5	9.15	11	480	0.9	3	4.66	<0.5	30	124
TC276212		0.66	0.015	0.005	0.004	0.07	<0.5	8.50	7	330	0.7	3	5.18	<0.5	23	101
TC276213		0.48	0.043	0.006	0.006	0.16	<0.5	8.60	15	440	0.8	2	4.58	<0.5	29	147
TC276214		0.64	0.013	<0.005	0.003	0.05	<0.5	8.12	5	300	0.6	3	5.67	<0.5	26	121
TC276215		0.56	0.015	<0.005	0.005	0.22	<0.5	8.26	11	420	0.8	3	4.45	<0.5	29	130
TC276216		0.34	0.014	<0.005	0.006	0.29	0.7	7.23	18	660	0.8	2	2.94	0.7	36	293
TC276217		0.42	0.008	<0.005	0.009	0.25	<0.5	7.83	28	260	0.7	2	5.15	<0.5	31	136
TC276218		0.36	0.010	<0.005	0.006	0.30	0.7	7.72	38	430	0.8	3	4.56	<0.5	27	130
TC276219		0.48	0.152	0.005	0.007	0.20	<0.5	8.63	36	350	0.8	<2	4.65	<0.5	29	146
TC276220		0.42	0.235	<0.005	0.005	0.24	0.8	8.55	51	380	0.8	4	4.40	<0.5	29	137
TC276221		0.42	0.034	0.005	0.007	0.24	<0.5	8.13	39	340	0.7	6	4.49	<0.5	27	114
TC276222		0.50	0.031	<0.005	0.007	0.24	<0.5	8.30	41	510	0.7	3	4.60	<0.5	30	153
TC276223		0.48	0.010	<0.005	0.005	0.29	<0.5	8.48	28	360	0.8	3	4.91	<0.5	30	139
TC276224		0.46	0.026	<0.005	0.005	0.16	<0.5	8.41	35	380	0.8	<2	4.46	0.6	28	129
TC276225		0.28	0.032	<0.005	0.006	0.20	<0.5	8.27	40	410	0.8	2	4.44	<0.5	26	128
TC276226		0.56	0.185	<0.005	0.003	0.22	<0.5	8.32	30	470	0.7	<2	4.61	<0.5	30	139
TC276227		0.52	0.279	0.074	0.005	0.14	<0.5	8.52	21	410	0.8	<2	4.39	<0.5	34	216
TC276228		0.24	0.028	<0.005	0.004	0.24	<0.5	8.38	38	340	0.8	<2	4.22	<0.5	32	117
TC276229		0.46	0.050	<0.005	0.005	0.18	<0.5	8.53	21	410	0.8	2	4.47	<0.5	32	174
TC276230		0.50	0.014	<0.005	0.005	0.15	<0.5	7.67	13	380	0.7	<2	4.20	<0.5	28	192
TC276231		0.52	0.741	<0.005	0.006	0.21	<0.5	6.90	14	330	0.6	<2	4.10	<0.5	34	337
TC276294		0.42	0.054	0.014	0.020	0.22	<0.5	7.01	28	360	0.7	<2	2.48	<0.5	40	1480
TC276295		0.32	0.008	<0.005	0.002	0.40	<0.5	6.36	10	450	0.9	<2	3.07	<0.5	18	105
TC276296		0.46	0.005	<0.005	0.013	0.27	<0.5	7.64	6	500	0.9	<2	3.59	<0.5	27	608
TC276297		0.38	0.003	0.006	0.023	0.25	<0.5	6.62	20	380	0.7	<2	2.61	<0.5	38	1200
TC276298		0.44	0.005	0.007	0.011	0.21	<0.5	6.91	17	400	0.7	<2	2.71	<0.5	33	833
TC276299		0.50	0.011	<0.005	0.010	0.24	<0.5	6.88	11	420	0.8	<2	3.29	<0.5	30	586
TC276300		0.54	0.002	<0.005	0.003	0.11	<0.5	7.79	<5	570	0.9	<2	3.37	<0.5	17	240

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 13-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06080538

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V
	Units	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1
TC276201		195	7.59	0.94	3.55	1300	2	2.01	47	1250	10	0.24	5	571	0.56	319
TC276202		180	7.07	0.88	3.28	1200	2	1.93	47	1090	6	0.18	<5	529	0.50	293
TC276203		207	6.67	1.22	1.78	1060	4	2.01	31	1500	12	0.09	<5	362	0.47	215
TC276204		170	6.98	1.35	2.31	1190	4	2.31	38	1480	12	0.17	6	426	0.46	245
TC276205		114	7.54	1.01	3.16	1165	2	2.02	60	1110	12	0.04	5	425	0.51	304
TC276206		161	7.12	0.85	3.22	1185	1	1.99	45	1070	9	0.22	<5	528	0.47	283
TC276207		59	5.42	1.40	2.40	1065	1	2.24	60	1060	10	0.05	<5	387	0.59	191
TC276208		142	9.02	1.04	3.15	1215	2	2.09	59	1170	9	0.12	<5	469	0.53	387
TC276209		122	8.28	1.15	3.14	1250	2	2.19	58	1150	11	0.12	7	491	0.59	357
TC276210		133	6.30	1.27	3.06	1170	2	2.28	56	980	10	0.09	<5	492	0.50	242
TC276211		129	6.43	1.24	2.97	1170	1	2.24	55	1110	16	0.09	5	478	0.50	243
TC276212		120	5.58	1.04	2.80	1090	1	2.44	39	990	6	0.01	<5	526	0.44	211
TC276213		122	6.76	1.16	2.87	1130	2	2.17	54	1030	10	0.09	<5	466	0.49	272
TC276214		90	6.78	0.93	3.08	1180	1	2.33	42	1020	7	0.02	<5	513	0.47	274
TC276215		143	6.25	1.15	2.78	1130	2	2.17	51	1070	10	0.10	9	448	0.48	242
TC276216		119	6.09	1.38	3.56	1135	2	1.29	151	820	20	0.17	<5	185	0.52	215
TC276217		187	6.78	0.78	3.14	1115	1	1.60	58	1090	12	0.07	6	435	0.46	247
TC276218		140	6.90	0.92	2.35	995	2	1.60	45	1070	11	0.12	<5	382	0.47	269
TC276219		149	7.88	1.00	2.96	1140	2	1.83	49	1120	14	0.09	6	412	0.50	304
TC276220		142	7.92	0.95	2.85	1145	2	1.65	50	1100	16	0.14	6	372	0.51	312
TC276221		124	6.73	0.92	2.76	1105	2	1.71	43	970	9	0.11	<5	390	0.46	249
TC276222		145	7.95	0.91	2.87	1145	2	1.70	50	1080	13	0.11	6	392	0.48	312
TC276223		130	7.04	1.01	2.94	1180	2	1.91	47	1070	9	0.11	<5	436	0.49	268
TC276224		121	6.77	0.95	2.79	1100	1	1.71	50	980	13	0.09	<5	384	0.47	260
TC276225		113	7.04	0.95	2.85	1065	1	1.76	46	1050	14	0.09	<5	381	0.49	275
TC276226		116	7.60	0.94	2.87	1110	1	1.74	50	1090	9	0.09	<5	382	0.49	305
TC276227		132	9.55	1.11	2.88	1215	2	2.01	58	1170	6	0.14	<5	422	0.58	415
TC276228		152	6.62	0.97	2.76	1160	2	1.67	51	1080	9	0.08	<5	374	0.45	241
TC276229		118	8.39	1.16	3.03	1195	2	2.13	57	1070	11	0.07	6	436	0.53	346
TC276230		137	8.29	1.07	2.81	1125	1	2.05	49	1030	8	0.05	<5	417	0.51	342
TC276231		122	15.10	0.91	2.84	1245	1	1.79	55	960	10	0.11	6	360	0.60	707
TC276294		67	7.05	1.07	4.05	871	1	1.39	360	590	11	0.07	<5	259	0.49	167
TC276295		78	3.98	1.02	1.32	1100	1	1.57	38	860	10	0.15	<5	523	0.42	117
TC276296		56	5.54	1.08	2.70	1065	1	2.16	135	720	8	0.07	<5	355	0.63	177
TC276297		64	6.07	0.97	3.98	920	1	1.49	352	580	11	0.06	<5	269	0.47	151
TC276298		57	5.57	1.04	3.64	958	1	1.67	272	610	11	0.05	<5	296	0.50	154
TC276299		63	5.17	1.09	3.37	911	1	1.81	231	660	8	0.08	<5	318	0.51	157
TC276300		32	4.17	1.18	2.33	813	<1	2.44	66	720	7	0.03	<5	368	0.57	165

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 13-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06080538

Sample Description	Method Analyte Units LOR	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
TC276201		<10	102
TC276202		<10	88
TC276203		<10	90
TC276204		<10	89
TC276205		<10	90
TC276206		<10	82
TC276207		10	111
TC276208		<10	92
TC276209		<10	102
TC276210		<10	98
TC276211		<10	96
TC276212		<10	72
TC276213		<10	95
TC276214		<10	72
TC276215		<10	90
TC276216		<10	269
TC276217		<10	103
TC276218		<10	126
TC276219		<10	141
TC276220		<10	150
TC276221		<10	135
TC276222		<10	148
TC276223		<10	151
TC276224		<10	140
TC276225		<10	130
TC276226		<10	134
TC276227		<10	102
TC276228		<10	141
TC276229		<10	108
TC276230		<10	93
TC276231		<10	105
TC276294		<10	102
TC276295		<10	103
TC276296		<10	105
TC276297		<10	98
TC276298		<10	95
TC276299		<10	91
TC276300		<10	83

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
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LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

CERTIFICATE VA06083054

Project: Canalask

P.O. No.: YK-001

This report is for 141 Soil samples submitted to our lab in Vancouver, BC, Canada on 28-AUG-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
S-IR08	Total Sulphur (Leco)	LECO
ME-ICP61	27 element four acid ICP-AES	ICP-AES

Soil

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

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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LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	S-IR08	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Pt	Pd	S	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr
	Units	kg	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1
SC276701		0.50	0.005	<0.005	0.004	0.02	<0.5	7.80	17	550	1.0	<2	2.61	<0.5	27	300
SC276702		0.52	0.003	<0.005	0.007	0.02	<0.5	7.46	17	560	1.0	<2	2.61	<0.5	33	251
SC276703		0.56	0.003	<0.005	0.010	0.03	<0.5	7.56	14	600	1.0	<2	2.74	<0.5	36	296
SC276704		0.40	0.005	0.009	0.002	0.02	<0.5	7.54	13	600	1.1	<2	2.88	<0.5	22	132
SC276705		0.44	0.020	0.006	0.006	0.05	<0.5	7.30	39	410	0.7	<2	2.84	<0.5	27	292
SC276706		0.68	0.012	<0.005	0.003	0.01	<0.5	6.90	13	520	0.9	<2	2.69	<0.5	16	170
SC276707		0.50	0.002	<0.005	0.002	0.03	<0.5	6.69	11	490	0.9	<2	3.21	<0.5	22	158
SC276708		0.50	0.002	<0.005	0.001	0.03	<0.5	6.22	18	520	0.9	<2	7.09	<0.5	16	73
SC276709		0.46	0.005	<0.005	0.001	0.02	<0.5	7.57	<5	640	1.1	<2	2.72	<0.5	17	97
SC276710		0.26	0.002	<0.005	0.002	0.05	<0.5	5.97	10	620	0.9	<2	2.43	<0.5	17	69
SC276711		0.48	<0.001	<0.005	<0.001	<0.01	<0.5	7.91	7	590	1.2	<2	2.34	<0.5	17	89
SC276712		0.46	0.002	<0.005	0.001	0.01	<0.5	7.77	18	570	1.2	<2	2.23	<0.5	20	121
SC276713		0.58	0.006	<0.005	0.004	0.02	<0.5	7.30	14	660	1.2	<2	2.76	<0.5	20	123
SC276714		0.46	0.003	<0.005	0.002	0.01	<0.5	7.81	19	650	1.1	<2	2.43	<0.5	23	129
SC276715		0.42	0.001	<0.005	0.001	0.01	<0.5	7.77	15	600	1.1	<2	2.22	<0.5	17	116
SC276716		0.72	<0.001	<0.005	0.005	0.01	<0.5	7.58	5	570	1.1	<2	2.30	<0.5	25	277
SC276717		0.64	0.001	<0.005	0.003	0.02	<0.5	6.54	18	510	1.0	<2	2.55	<0.5	21	125
SC276718		0.48	0.003	0.008	0.005	0.02	<0.5	6.59	16	500	0.9	<2	3.13	<0.5	20	177
SC276719		0.42	0.001	<0.005	0.006	0.04	<0.5	5.92	6	480	0.9	<2	3.02	<0.5	21	154
SC276720		0.60	0.006	<0.005	0.009	0.02	<0.5	7.19	11	630	1.1	<2	2.71	<0.5	23	168
SC276721		0.70	0.004	<0.005	0.003	0.01	13.5	7.33	9	580	1.1	<2	2.70	<0.5	21	173
SC276722		0.38	0.003	<0.005	0.003	0.03	<0.5	4.13	7	490	0.7	<2	3.53	<0.5	8	56
SC276723		0.70	0.037	<0.005	0.002	0.03	<0.5	7.64	56	740	1.0	<2	2.40	<0.5	28	195
SC276724		0.50	0.001	<0.005	0.002	0.01	<0.5	7.61	14	610	1.2	<2	2.36	<0.5	20	119
SC276725		0.58	0.004	<0.005	0.001	0.02	<0.5	6.87	16	650	1.1	<2	2.62	<0.5	20	112
SC276726		0.54	0.003	<0.005	0.003	0.03	<0.5	6.83	9	620	1.0	<2	2.53	<0.5	20	123
SC276727		0.48	0.003	<0.005	0.001	0.04	<0.5	6.91	8	540	1.0	<2	2.58	<0.5	21	128
SC276728		0.58	0.004	<0.005	0.003	0.03	<0.5	6.93	14	570	1.0	<2	2.52	<0.5	18	110
SC276729		0.72	0.003	<0.005	0.002	0.01	2.0	7.24	13	560	1.1	<2	2.45	<0.5	18	138
SC276730		0.56	0.002	<0.005	0.002	<0.01	<0.5	7.81	15	600	1.2	<2	2.46	<0.5	20	126
SC276731		0.60	0.005	<0.005	0.006	0.02	<0.5	7.00	8	560	1.0	<2	2.43	<0.5	29	375
SC276732		0.48	0.002	<0.005	0.004	0.01	<0.5	7.17	7	590	1.1	<2	2.52	<0.5	15	152
SC276733		0.56	0.003	<0.005	0.006	0.04	<0.5	6.03	16	450	0.8	<2	3.02	<0.5	18	223
SC276734		0.54	0.002	<0.005	0.003	0.02	<0.5	7.28	15	610	1.1	<2	3.02	<0.5	21	147
SC276735		0.66	0.004	0.007	0.003	0.03	<0.5	6.74	<5	500	1.0	<2	3.45	<0.5	19	156
SC276736		0.54	<0.001	<0.005	0.001	0.01	<0.5	7.71	10	510	1.1	<2	2.72	<0.5	20	137
SC276737		0.48	0.004	<0.005	0.001	0.31	<0.5	7.13	8	530	1.0	<2	2.89	<0.5	20	124
SC276738		0.70	0.003	<0.005	0.001	0.21	<0.5	7.99	13	630	1.3	<2	2.90	<0.5	22	133
SC276740		0.30	0.002	0.028	<0.001	0.51	<0.5	4.35	12	420	0.8	<2	3.29	<0.5	12	55
SC276741		0.40	<0.001	<0.005	<0.001	0.45	<0.5	4.97	7	450	0.8	<2	3.03	<0.5	10	58

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V
	Units	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1
SC276701		71	5.40	1.03	2.61	812	3	2.02	187	480	11	0.01	<5	315	0.52	165
SC276702		127	5.61	0.91	2.31	1310	3	1.61	259	760	10	0.03	5	275	0.48	159
SC276703		84	4.99	0.95	2.50	878	2	1.74	284	840	8	0.03	<5	296	0.53	154
SC276704		56	4.56	0.94	1.42	907	2	1.87	73	770	7	0.03	<5	338	0.56	148
SC276705		74	5.20	1.11	2.27	927	3	1.26	158	650	7	0.10	<5	249	0.45	168
SC276706		63	4.32	1.15	1.94	785	1	2.07	57	680	6	0.02	<5	280	0.48	156
SC276707		44	4.60	0.95	1.82	890	1	1.75	62	730	12	0.04	<5	278	0.52	142
SC276708		60	4.13	1.07	1.23	1155	1	1.28	37	530	12	0.07	<5	247	0.37	110
SC276709		60	4.46	1.05	1.35	941	1	1.90	41	670	10	0.04	<5	322	0.52	137
SC276710		56	3.55	0.90	0.83	800	1	1.53	27	1110	9	0.08	<5	301	0.39	92
SC276711		30	4.37	1.21	1.27	599	1	2.18	37	270	10	0.01	<5	379	0.55	131
SC276712		62	5.23	0.87	1.39	611	2	1.79	51	370	10	0.01	<5	284	0.61	161
SC276713		104	4.59	0.94	1.45	817	1	1.75	61	850	7	0.03	<5	290	0.54	145
SC276714		56	4.97	0.93	1.62	803	1	1.91	60	500	8	0.01	<5	292	0.58	158
SC276715		41	4.94	0.94	1.37	638	1	1.83	44	310	8	0.01	<5	289	0.62	158
SC276716		78	5.28	1.12	2.61	831	<1	1.84	165	590	9	0.01	<5	257	0.53	166
SC276717		73	4.02	0.95	1.27	712	1	1.67	93	710	14	0.04	<5	295	0.51	123
SC276718		73	4.00	0.91	1.73	748	1	1.64	120	1000	10	0.08	<5	310	0.48	125
SC276719		70	3.87	0.82	1.50	1135	<1	1.42	108	1020	9	0.07	<5	278	0.43	115
SC276720		84	4.50	1.02	1.54	957	1	1.83	134	640	11	0.04	<5	322	0.51	132
SC276721		91	4.74	1.03	2.04	847	1	1.88	95	800	12	0.02	<5	292	0.54	149
SC276722		86	2.39	0.63	0.70	1065	1	1.11	27	930	6	0.15	<5	259	0.30	65
SC276723		83	5.75	1.53	2.20	1045	3	1.81	81	370	23	0.04	<5	256	0.54	186
SC276724		45	4.82	1.03	1.26	729	1	1.90	45	610	9	0.02	<5	315	0.61	151
SC276725		66	4.27	0.99	1.32	1210	<1	1.69	52	920	12	0.05	<5	296	0.52	133
SC276726		48	4.10	1.04	1.62	757	1	1.60	55	870	9	0.05	<5	266	0.53	129
SC276727		47	4.66	0.95	1.58	966	1	1.70	52	900	6	0.06	<5	282	0.54	147
SC276728		61	4.32	0.96	1.42	997	<1	1.72	47	1030	31	0.05	<5	293	0.52	129
SC276729		74	4.40	1.06	1.60	926	1	1.86	60	650	7	0.03	<5	291	0.54	149
SC276730		47	5.11	0.95	1.50	688	1	1.87	54	430	8	0.02	<5	295	0.60	154
SC276731		82	5.38	1.05	3.18	953	<1	1.86	295	520	7	0.01	<5	253	0.51	161
SC276732		61	3.98	1.10	1.21	677	1	1.96	79	470	12	0.02	<5	335	0.59	133
SC276733		50	4.03	0.95	2.12	735	<1	1.67	106	850	7	0.09	<5	274	0.45	125
SC276734		63	4.46	1.07	1.63	953	1	1.90	69	810	9	0.04	<5	328	0.52	138
SC276735		76	4.18	0.98	1.94	598	1	1.84	81	770	15	0.07	<5	305	0.47	133
SC276736		55	4.90	0.95	1.72	671	<1	1.98	63	320	10	0.01	<5	314	0.54	154
SC276737		45	4.58	0.96	1.63	960	1	1.86	49	930	12	0.05	<5	317	0.54	142
SC276738		106	5.09	1.02	1.65	828	1	1.93	67	730	10	0.02	<5	322	0.63	155
SC276740		70	2.55	0.58	0.74	909	1	1.10	34	1060	2	0.13	<5	246	0.30	65
SC276741		30	2.44	0.84	0.75	592	<1	1.39	21	930	3	0.12	<5	293	0.34	75

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LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
SC276701		<10	91
SC276702		<10	92
SC276703		<10	105
SC276704		<10	84
SC276705		<10	98
SC276706		<10	79
SC276707		<10	120
SC276708		10	125
SC276709		<10	115
SC276710		<10	54
SC276711		<10	69
SC276712		<10	83
SC276713		<10	97
SC276714		<10	105
SC276715		<10	83
SC276716		<10	104
SC276717		<10	111
SC276718		<10	91
SC276719		<10	83
SC276720		<10	80
SC276721		<10	98
SC276722		<10	58
SC276723		<10	214
SC276724		<10	105
SC276725		<10	91
SC276726		<10	276
SC276727		<10	106
SC276728		<10	126
SC276729		<10	94
SC276730		<10	85
SC276731		<10	90
SC276732		<10	100
SC276733		<10	102
SC276734		<10	98
SC276735		<10	124
SC276736		<10	81
SC276737		<10	179
SC276738		<10	107
SC276740		<10	60
SC276741		<10	53

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LAVAL QC H7L 5A7

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Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	S-IR08	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Pt	Pd	S	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr
	Units	kg	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1
SC276742		0.38	0.008	<0.005	<0.001	0.20	<0.5	7.71	11	550	1.3	2	2.21	<0.5	19	84
SC276901		0.50	0.004	<0.005	0.001	0.14	<0.5	7.31	23	540	1.2	<2	2.85	<0.5	26	181
SC276902		0.52	0.007	0.019	0.021	0.34	<0.5	6.50	17	540	1.0	<2	2.42	0.6	27	190
SC276903		0.20	0.001	<0.005	0.002	0.41	<0.5	5.25	6	460	0.8	<2	2.23	<0.5	10	81
SC276904		0.34	0.001	<0.005	0.001	0.18	<0.5	7.04	22	520	0.9	<2	2.19	<0.5	22	131
SC276905		0.44	0.003	<0.005	<0.001	0.14	<0.5	7.21	22	530	1.1	<2	1.88	<0.5	21	139
SC276906		0.32	0.001	<0.005	0.001	0.15	<0.5	7.29	23	580	1.0	<2	2.11	<0.5	21	123
SC276907		0.34	0.002	<0.005	0.002	0.25	<0.5	6.75	20	530	1.0	<2	2.51	<0.5	19	129
SC276908		0.36	0.006	<0.005	0.002	0.20	<0.5	6.93	15	560	1.1	<2	2.65	<0.5	20	128
SC276909		0.40	0.002	<0.005	0.003	0.25	<0.5	7.11	12	550	1.0	<2	2.67	<0.5	16	127
SC276910		0.10	0.006	<0.005	0.001	0.49	<0.5	4.54	13	450	0.8	<2	2.73	<0.5	20	66
SC276911		0.58	0.002	<0.005	0.002	0.23	<0.5	7.16	17	580	1.1	<2	2.36	<0.5	21	132
SC276912		0.54	0.004	<0.005	0.006	0.13	<0.5	7.31	10	550	1.0	<2	2.61	<0.5	24	161
SC276913		0.44	0.003	<0.005	0.002	0.16	<0.5	7.49	18	570	1.1	<2	2.68	<0.5	17	141
SC276914		0.54	0.002	<0.005	0.003	0.26	<0.5	6.97	23	560	1.0	<2	2.71	<0.5	22	142
SC276915		0.48	0.002	<0.005	0.001	0.19	<0.5	7.43	23	540	1.1	<2	2.49	<0.5	22	150
SC276916		0.54	0.002	<0.005	0.001	0.15	0.6	7.82	18	560	1.2	<2	2.27	<0.5	22	139
SC276917		0.34	0.002	<0.005	0.002	0.19	<0.5	7.15	13	580	1.1	<2	2.82	<0.5	20	140
SC276918		0.50	0.001	<0.005	0.003	0.26	<0.5	6.82	14	550	1.0	<2	2.45	<0.5	14	94
SC276919		0.44	0.003	<0.005	<0.001	0.21	<0.5	7.29	22	570	1.2	<2	2.54	<0.5	21	113
SC276920		0.38	0.004	<0.005	0.001	0.13	<0.5	7.22	7	580	1.1	<2	2.56	<0.5	18	115
SC276921		0.22	0.004	<0.005	0.004	0.33	<0.5	6.18	7	490	0.9	<2	3.14	<0.5	12	80
SC276922		0.56	0.004	<0.005	0.003	0.19	<0.5	7.51	18	560	1.0	<2	2.43	<0.5	24	161
SC276923		0.64	0.002	<0.005	0.004	0.31	<0.5	6.98	18	690	1.1	<2	3.06	<0.5	20	120
SC276924		0.22	0.004	<0.005	0.003	0.13	<0.5	8.09	18	610	1.2	<2	2.46	<0.5	23	181
SC276926		0.20	0.002	<0.005	0.002	0.29	<0.5	6.56	13	550	0.9	<2	2.74	0.5	18	113
SC276927		0.54	0.003	<0.005	0.004	0.24	<0.5	7.44	16	630	1.1	<2	2.67	<0.5	21	136
SC276928		0.52	0.003	0.006	0.003	0.27	<0.5	6.68	19	530	1.0	<2	2.71	<0.5	23	145
SC276929		0.36	0.002	<0.005	<0.001	0.25	<0.5	7.06	26	450	1.0	<2	2.41	<0.5	18	120
SC276930		0.22	<0.001	<0.005	0.001	0.17	<0.5	7.06	9	620	1.1	<2	2.64	<0.5	16	94
SC276931		0.24	0.003	<0.005	<0.001	0.16	<0.5	7.60	28	500	1.0	<2	1.67	<0.5	19	123
SC276932		0.38	0.002	<0.005	0.002	0.19	<0.5	7.53	16	640	1.1	<2	2.63	<0.5	18	129
SC276933		0.52	0.011	0.006	0.010	0.04	<0.5	7.27	21	570	1.0	<2	2.57	<0.5	33	408
SC276934		0.24	<0.001	<0.005	<0.001	0.05	<0.5	5.77	14	470	0.8	<2	2.50	<0.5	16	104
SC276935		0.40	0.002	0.005	<0.001	<0.01	<0.5	7.21	12	610	1.1	<2	2.20	<0.5	11	75
SC276936		0.60	0.005	<0.005	0.004	0.03	<0.5	7.52	23	620	1.1	<2	2.93	<0.5	22	126
SC276937		0.64	0.004	<0.005	0.002	0.02	<0.5	7.86	23	610	1.2	<2	2.96	<0.5	21	135
SC276938		0.52	0.004	<0.005	<0.001	0.03	<0.5	6.94	15	590	1.1	<2	2.91	<0.5	17	106
SC276939		0.32	0.001	<0.005	0.001	0.02	<0.5	7.22	13	560	1.0	<2	2.41	<0.5	13	102
SC276940		0.34	0.002	<0.005	<0.001	0.01	<0.5	7.38	16	590	1.0	2	2.62	<0.5	16	110

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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V
	Units	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1
SC276742		66	4.77	1.14	1.30	899	2	1.34	38	680	7	0.04	<5	237	0.47	133
SC276901		138	5.49	1.01	2.18	856	1	1.90	98	360	20	0.02	<5	326	0.52	164
SC276902		110	4.26	0.98	2.42	734	1	1.66	206	750	13	0.09	<5	284	0.45	137
SC276903		42	3.06	0.80	0.90	469	2	1.33	34	1070	8	0.10	<5	275	0.37	95
SC276904		44	4.86	0.88	1.44	664	2	1.69	55	400	14	0.03	<5	292	0.52	158
SC276905		46	4.63	0.85	1.50	746	2	1.62	63	250	14	0.01	<5	264	0.48	164
SC276906		40	4.82	0.91	1.41	843	2	1.78	50	410	12	0.02	<5	308	0.54	157
SC276907		62	4.09	0.90	1.64	684	1	1.61	66	860	10	0.04	<5	297	0.45	135
SC276908		51	4.14	1.03	1.68	1075	1	1.85	62	880	8	0.03	<5	339	0.45	135
SC276909		35	4.38	0.94	1.60	508	<1	1.75	44	540	12	0.05	<5	314	0.51	147
SC276910		49	3.36	0.65	0.82	3660	2	1.10	38	1200	7	0.12	<5	263	0.29	83
SC276911		63	4.58	1.00	1.64	741	1	1.77	60	810	10	0.03	<5	308	0.48	147
SC276912		115	4.74	1.08	2.12	859	<1	1.87	91	770	8	0.02	<5	298	0.49	163
SC276913		50	4.17	1.02	1.75	617	<1	1.87	58	650	12	0.03	<5	322	0.54	159
SC276914		71	4.43	0.92	1.63	1025	1	1.73	63	840	8	0.04	<5	316	0.50	152
SC276915		54	4.87	1.01	1.76	767	1	1.90	68	450	12	0.02	<5	320	0.54	165
SC276916		58	5.24	0.86	1.50	706	2	1.90	68	400	11	0.01	<5	327	0.58	168
SC276917		87	4.59	0.90	1.61	916	1	1.68	62	890	17	0.04	<5	314	0.54	147
SC276918		61	3.83	1.04	1.27	596	1	1.82	42	530	12	0.03	<5	354	0.46	123
SC276919		121	4.62	0.94	1.53	891	1	1.71	59	740	13	0.03	<5	326	0.46	137
SC276920		73	4.40	0.96	1.49	949	1	1.80	55	750	13	0.02	<5	340	0.50	139
SC276921		73	3.12	0.87	0.94	488	1	1.61	30	570	9	0.06	<5	358	0.41	97
SC276922		73	4.79	0.99	1.83	828	1	1.75	65	840	11	0.04	<5	300	0.52	162
SC276923		100	4.49	0.89	1.42	810	1	1.60	67	830	12	0.05	<5	310	0.46	140
SC276924		102	4.95	1.09	1.99	845	2	1.89	88	720	12	0.02	<5	310	0.55	171
SC276926		47	3.76	0.88	1.48	689	<1	1.63	54	880	11	0.05	<5	310	0.45	130
SC276927		94	4.55	0.98	1.66	1245	1	1.84	72	800	13	0.03	<5	338	0.50	146
SC276928		79	4.51	0.88	1.70	1130	1	1.73	79	820	13	0.04	<5	300	0.45	140
SC276929		45	4.84	0.77	1.17	562	4	1.55	63	410	56	0.04	<5	274	0.47	139
SC276930		41	3.90	1.08	1.18	1075	2	1.92	34	960	10	0.02	<5	387	0.49	121
SC276931		51	6.07	0.82	1.16	467	3	1.70	49	410	18	0.02	<5	264	0.68	211
SC276932		57	4.25	1.02	1.46	819	1	1.92	65	580	12	0.02	<5	370	0.51	134
SC276933		104	5.58	0.93	3.40	933	<1	1.91	274	660	14	0.01	<5	302	0.53	165
SC276934		48	3.50	0.86	1.39	719	1	1.40	49	910	10	0.07	5	262	0.40	119
SC276935		37	3.64	1.15	1.02	491	1	2.00	30	300	10	0.01	<5	396	0.45	110
SC276936		63	4.79	1.04	1.70	853	1	1.86	57	740	9	0.03	<5	335	0.52	150
SC276937		72	4.65	1.09	1.64	791	2	1.97	55	790	9	0.03	<5	359	0.57	161
SC276938		100	4.34	1.03	1.35	991	1	1.69	53	1020	9	0.07	<5	348	0.45	130
SC276939		43	4.29	1.02	1.07	478	2	1.97	35	360	6	0.02	<5	348	0.54	127
SC276940		41	4.26	1.08	1.23	593	1	2.05	42	400	8	0.02	<5	372	0.52	124

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
SC276742		<10	71
SC276901		<10	151
SC276902		<10	109
SC276903		<10	75
SC276904		<10	101
SC276905		<10	121
SC276906		<10	99
SC276907		<10	95
SC276908		<10	94
SC276909		<10	85
SC276910		<10	97
SC276911		<10	88
SC276912		<10	112
SC276913		<10	91
SC276914		<10	99
SC276915		<10	99
SC276916		<10	114
SC276917		<10	104
SC276918		<10	77
SC276919		<10	86
SC276920		<10	94
SC276921		<10	59
SC276922		<10	115
SC276923		<10	78
SC276924		<10	105
SC276926		<10	86
SC276927		<10	95
SC276928		<10	98
SC276929		<10	123
SC276930		<10	106
SC276931		<10	118
SC276932		<10	85
SC276933		<10	107
SC276934		<10	85
SC276935		<10	71
SC276936		<10	100
SC276937		<10	96
SC276938		<10	104
SC276939		<10	85
SC276940		<10	97

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CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	S-IR08 S % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1
SC276941		0.38	0.003	<0.005	<0.001	0.01	<0.5	7.09	11	550	1.0	<2	2.41	<0.5	15	115
SC276942		0.44	0.003	<0.005	<0.001	0.01	<0.5	7.29	13	570	0.9	<2	2.39	<0.5	15	121
SC276943		0.36	0.002	<0.005	<0.001	0.01	<0.5	7.15	19	560	1.0	<2	2.53	<0.5	17	101
SC276944		0.42	0.002	<0.005	0.002	0.01	<0.5	7.45	13	570	1.0	<2	2.73	<0.5	17	131
SC276945		0.58	0.003	<0.005	<0.001	0.01	<0.5	7.46	21	560	1.0	<2	2.34	<0.5	16	129
SC276946		0.32	0.003	<0.005	0.002	0.02	<0.5	7.41	12	690	1.1	<2	3.07	<0.5	11	65
SC276947		0.40	0.004	<0.005	0.001	0.01	<0.5	7.54	13	740	1.2	<2	2.61	<0.5	10	51
SC276948		0.42	0.001	0.009	0.003	0.03	0.8	7.07	19	670	1.1	<2	2.86	<0.5	13	69
SC276949		0.44	0.019	0.017	0.010	0.03	<0.5	6.61	30	500	0.9	<2	2.37	<0.5	50	591
SC276950		0.44	0.006	<0.005	0.007	0.03	<0.5	7.14	26	530	1.0	<2	2.36	<0.5	41	355
SC276951		0.56	0.011	0.013	0.012	0.02	<0.5	6.99	24	550	0.9	<2	2.54	0.5	56	706
SC276952		0.50	0.002	<0.005	0.001	0.02	<0.5	7.76	9	590	1.0	<2	2.56	<0.5	18	127
SC276953		0.54	0.005	<0.005	<0.001	0.01	<0.5	7.94	9	630	1.2	<2	2.47	<0.5	18	122
SC276954		0.44	<0.001	<0.005	<0.001	0.01	<0.5	8.23	16	650	1.3	<2	2.51	<0.5	20	123
SC276955		0.60	0.003	0.006	0.003	0.02	<0.5	8.14	15	640	1.2	<2	2.48	<0.5	18	113
SC276956		0.54	0.001	<0.005	<0.001	0.01	<0.5	8.09	15	640	1.2	<2	2.42	<0.5	15	104
SC276957		0.44	0.001	0.035	<0.001	0.03	<0.5	7.95	11	600	1.2	<2	2.18	<0.5	22	118
SC276958		0.42	<0.001	<0.005	0.001	0.02	<0.5	8.00	20	600	1.2	<2	2.19	<0.5	20	116
SC276959		0.44	0.001	<0.005	<0.001	0.01	<0.5	7.80	17	600	1.2	<2	2.20	<0.5	18	127
SC276960		0.56	0.004	<0.005	0.001	0.02	<0.5	8.12	20	630	1.1	<2	2.65	<0.5	20	149
SC276961		0.42	0.006	<0.005	0.002	0.01	<0.5	7.72	16	720	1.3	<2	2.47	<0.5	12	74
SC276962		0.38	0.007	0.006	0.015	0.04	<0.5	6.99	33	500	0.8	<2	2.44	<0.5	38	597
SC276963		0.56	0.008	0.007	0.017	0.04	<0.5	7.29	27	490	0.8	<2	2.36	<0.5	42	724
SC276964		0.60	0.006	0.011	0.014	0.03	<0.5	7.19	36	490	0.8	<2	2.24	<0.5	40	700
SC276965		0.62	0.021	0.011	0.014	0.04	<0.5	7.31	36	500	0.8	<2	2.38	<0.5	37	546
SC276966		0.50	0.003	<0.005	0.005	0.03	<0.5	7.02	13	540	0.9	<2	3.97	<0.5	20	147
SC276967		0.48	0.006	<0.005	0.007	0.06	<0.5	6.06	14	490	0.8	<2	3.87	<0.5	21	170
SC276968		0.42	0.003	<0.005	0.003	0.04	<0.5	7.32	15	540	0.9	<2	2.99	<0.5	15	214
SC276969		0.46	0.009	<0.005	0.003	0.19	<0.5	7.60	10	640	1.0	<2	2.68	0.6	23	139
SC276970		0.48	0.014	<0.005	0.002	0.28	<0.5	7.44	15	630	1.1	<2	2.66	<0.5	23	135
SC276971		0.48	0.018	<0.005	0.001	0.23	<0.5	7.86	23	620	1.0	<2	2.74	<0.5	27	154
SC276972		0.42	0.006	<0.005	0.003	0.21	<0.5	7.64	22	610	1.0	<2	2.62	<0.5	26	141
SC276973		0.42	0.004	<0.005	0.001	0.16	<0.5	8.34	13	730	1.3	<2	2.78	<0.5	23	137
SC276974		0.54	0.003	<0.005	0.002	0.10	<0.5	8.13	30	1090	1.2	<2	2.95	<0.5	32	201
SC276975		0.56	0.003	<0.005	0.005	0.22	<0.5	8.09	<5	620	1.0	<2	3.27	0.5	20	253
SC276976		0.44	0.004	<0.005	0.002	0.27	<0.5	7.76	11	590	1.0	<2	3.10	<0.5	22	179
SC276977		0.46	<0.001	<0.005	0.004	0.37	<0.5	6.93	<5	550	0.9	<2	3.31	<0.5	18	145
SC276978		0.52	0.003	<0.005	0.004	0.29	<0.5	8.06	<5	620	1.0	<2	3.28	<0.5	21	166
SC276979		0.38	0.002	<0.005	0.002	0.08	<0.5	8.08	<5	670	1.1	<2	3.04	<0.5	19	112
SC276980		0.76	0.003	<0.005	0.012	0.13	<0.5	7.72	13	500	1.0	<2	3.76	0.6	31	913

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V
	Units	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1
SC276941		43	4.28	1.02	1.21	573	2	1.94	40	370	8	0.02	<5	335	0.56	136
SC276942		45	4.24	1.09	1.37	566	2	2.05	49	360	7	0.01	<5	343	0.51	129
SC276943		41	3.86	1.16	1.22	577	2	2.08	41	370	9	0.02	<5	379	0.49	118
SC276944		46	4.48	1.07	1.46	661	1	2.10	45	460	9	0.02	<5	350	0.58	142
SC276945		39	4.90	0.91	1.31	560	2	1.91	44	290	10	0.01	<5	313	0.60	147
SC276946		58	3.58	1.29	0.95	500	1	2.19	25	460	8	0.04	<5	440	0.42	85
SC276947		32	3.28	1.59	0.92	528	1	2.43	22	290	13	0.02	<5	486	0.40	83
SC276948		111	3.36	1.21	0.96	631	2	2.00	28	560	7	0.04	<5	420	0.41	91
SC276949		133	5.44	1.01	2.99	1375	1	1.46	404	600	13	0.04	<5	270	0.44	152
SC276950		103	5.43	1.09	2.13	1365	1	1.50	229	680	9	0.04	<5	264	0.45	162
SC276951		143	5.84	1.00	3.19	1555	1	1.55	435	670	11	0.04	<5	289	0.45	155
SC276952		54	4.55	1.10	1.71	674	1	2.02	73	410	11	0.02	<5	353	0.51	153
SC276953		58	4.55	1.16	1.62	625	1	2.12	70	350	15	0.02	<5	371	0.53	152
SC276954		67	4.81	1.13	1.46	683	1	2.08	82	370	11	0.01	<5	381	0.56	152
SC276955		58	4.64	1.19	1.57	663	1	2.18	80	350	11	0.01	<5	391	0.53	152
SC276956		47	4.26	1.26	1.48	586	1	2.26	58	330	10	0.01	<5	412	0.51	140
SC276957		63	4.85	0.95	1.48	821	2	1.87	53	400	11	0.02	<5	341	0.55	148
SC276958		51	4.78	1.01	1.49	713	2	1.92	52	350	13	0.01	<5	347	0.58	151
SC276959		51	4.76	0.97	1.52	731	1	1.86	48	380	9	0.01	5	329	0.58	150
SC276960		47	4.98	1.06	1.74	835	1	2.06	59	620	10	0.01	<5	348	0.55	169
SC276961		38	3.37	1.45	1.03	777	1	2.34	25	460	10	0.02	<5	474	0.44	101
SC276962		88	5.24	1.03	2.81	1140	1	1.43	387	710	12	0.06	<5	326	0.46	152
SC276963		88	5.79	1.05	3.55	1285	1	1.43	396	700	10	0.05	<5	313	0.45	166
SC276964		76	5.67	1.06	3.26	1240	2	1.44	349	620	10	0.05	<5	304	0.48	168
SC276965		75	5.50	1.09	3.13	1185	1	1.46	392	680	15	0.06	<5	336	0.47	161
SC276966		89	4.29	1.12	2.01	919	<1	1.95	77	980	12	0.05	<5	334	0.45	147
SC276967		83	4.03	0.96	2.04	893	<1	1.59	84	930	8	0.08	<5	280	0.40	136
SC276968		38	3.95	1.05	2.09	608	<1	2.24	63	630	9	0.04	<5	360	0.47	149
SC276969		51	4.85	1.02	1.62	745	1	1.89	67	540	10	0.04	<5	345	0.51	155
SC276970		56	4.78	1.02	1.58	750	<1	1.86	62	560	14	0.04	<5	342	0.51	152
SC276971		46	5.15	0.98	1.75	850	1	1.89	71	560	15	0.04	<5	342	0.52	162
SC276972		46	4.98	0.97	1.69	808	1	1.85	67	510	10	0.04	<5	330	0.51	158
SC276973		50	5.16	1.03	1.54	1145	1	1.95	58	520	12	0.01	<5	375	0.59	163
SC276974		81	5.60	0.80	2.68	1115	1	1.94	126	500	19	0.01	<5	336	0.56	185
SC276975		46	3.89	1.17	2.27	634	<1	2.32	82	740	9	0.08	8	351	0.58	170
SC276976		60	4.67	1.12	2.21	722	<1	1.94	100	850	10	0.08	<5	316	0.48	149
SC276977		51	4.08	1.02	1.88	748	<1	1.82	88	970	12	0.13	6	315	0.44	128
SC276978		60	4.41	1.19	2.33	764	<1	2.06	99	960	13	0.10	<5	331	0.48	149
SC276979		47	4.03	1.38	1.51	782	<1	2.59	40	640	9	0.02	<5	447	0.50	129
SC276980		102	6.59	1.08	3.33	1575	<1	2.17	261	900	11	0.05	5	371	0.67	201

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CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method	ME-ICP61	ME-ICP61
	Analyte	W	Zn
	Units	ppm	ppm
	LOR	10	2
SC276941		<10	86
SC276942		<10	77
SC276943		<10	83
SC276944		<10	89
SC276945		<10	84
SC276946		<10	75
SC276947		<10	74
SC276948		<10	76
SC276949		<10	154
SC276950		<10	165
SC276951		<10	160
SC276952		<10	83
SC276953		<10	86
SC276954		<10	87
SC276955		<10	83
SC276956		<10	81
SC276957		<10	91
SC276958		<10	91
SC276959		<10	86
SC276960		<10	90
SC276961		<10	72
SC276962		<10	92
SC276963		<10	101
SC276964		<10	99
SC276965		<10	100
SC276966		<10	99
SC276967		<10	100
SC276968		<10	73
SC276969		<10	105
SC276970		<10	107
SC276971		<10	108
SC276972		<10	104
SC276973		<10	102
SC276974		<10	97
SC276975		<10	97
SC276976		<10	127
SC276977		<10	125
SC276978		<10	134
SC276979		10	72
SC276980		10	105

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	S-IR08	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Pt	Pd	S	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr
	Units	kg	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1
SC276981		0.52	0.009	<0.005	0.002	0.17	<0.5	7.47	11	560	1.1	<2	3.21	0.5	20	154
SC276982		0.78	0.047	<0.005	0.002	0.24	<0.5	7.65	11	540	0.9	<2	3.74	<0.5	19	220
SC276983		0.48	0.003	<0.005	0.002	0.10	<0.5	8.41	<5	630	1.1	<2	3.06	<0.5	21	153
SC276984		0.44	0.001	<0.005	0.002	0.08	<0.5	7.95	5	580	1.0	<2	3.12	<0.5	22	170
SC276985		0.46	0.001	<0.005	0.002	0.16	<0.5	8.12	8	660	1.1	<2	3.19	<0.5	20	127
SC276986		0.84	0.013	<0.005	0.002	0.21	<0.5	8.17	25	580	1.2	<2	3.65	<0.5	27	152
SC276987		0.54	<0.001	0.013	0.003	0.20	<0.5	6.88	13	480	0.9	<2	3.57	<0.5	20	157
SC276988		0.36	0.003	0.010	0.004	0.20	<0.5	8.33	7	640	1.2	<2	3.89	<0.5	23	107
SC276989		0.36	0.002	<0.005	0.006	0.17	<0.5	7.59	<5	590	1.3	<2	3.20	<0.5	23	114
SC276990		0.34	0.004	<0.005	0.001	0.12	<0.5	8.37	5	660	1.1	<2	2.76	0.5	24	119
SC276991		0.38	<0.001	<0.005	0.001	0.15	<0.5	8.33	13	670	1.2	<2	2.55	<0.5	21	98
SC276992		0.38	0.002	<0.005	0.001	0.11	<0.5	8.28	<5	640	1.2	<2	2.65	<0.5	24	105
SC276993		0.38	0.005	<0.005	0.002	0.16	<0.5	8.00	10	690	1.2	<2	3.05	<0.5	22	113
SC276994		0.54	0.005	<0.005	0.003	0.15	<0.5	8.05	5	700	1.2	<2	2.92	<0.5	26	149
SC276995		0.50	0.002	<0.005	0.001	0.18	<0.5	8.21	18	640	1.1	<2	2.89	<0.5	21	136
SC276996		0.38	0.004	<0.005	0.004	0.24	<0.5	7.94	9	600	1.1	<2	3.17	<0.5	25	170
SC276997		0.28	0.002	<0.005	0.003	0.33	<0.5	7.04	13	540	0.9	<2	3.37	0.5	21	134
SC276998		0.52	0.013	0.009	0.011	0.28	<0.5	7.76	37	430	0.7	<2	2.22	<0.5	45	725
SC276999		0.60	0.007	<0.005	0.011	0.21	<0.5	8.01	10	620	1.1	<2	3.11	<0.5	31	255
SC277000		0.36	0.006	<0.005	0.006	0.31	<0.5	7.14	5	640	1.0	<2	3.15	<0.5	28	173
SC277001		Not Recvd														

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3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V
	Units	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1
SC276981		53	4.34	1.13	1.89	903	<1	2.39	51	940	4	0.01	<5	363	0.51	157
SC276982		42	4.61	1.11	2.05	1195	<1	2.26	49	780	4	0.06	<5	398	0.62	165
SC276983		39	4.89	1.13	1.75	895	<1	2.43	46	660	8	0.02	7	390	0.56	157
SC276984		31	4.63	1.17	1.92	752	<1	2.45	53	700	7	0.01	<5	375	0.55	163
SC276985		47	4.52	1.25	1.68	848	<1	2.37	45	780	10	0.02	<5	401	0.53	144
SC276986		59	6.08	1.10	2.35	1320	1	2.34	56	1380	10	0.04	7	401	0.67	185
SC276987		43	4.85	0.91	1.86	965	<1	1.98	51	1010	7	0.07	<5	355	0.56	150
SC276988		194	4.86	0.98	1.63	909	<1	2.20	56	1010	11	0.04	8	474	0.57	155
SC276989		301	4.61	0.91	1.35	982	<1	1.89	61	730	4	0.04	8	349	0.52	141
SC276990		40	5.13	1.08	1.48	854	<1	2.22	43	460	12	0.01	<5	372	0.62	160
SC276991		42	4.86	1.19	1.38	722	<1	2.26	40	440	9	0.01	<5	397	0.58	141
SC276992		40	4.80	1.13	1.40	668	1	2.24	38	430	10	0.01	<5	391	0.57	142
SC276993		77	4.84	1.06	1.42	899	<1	2.06	50	590	10	0.03	6	375	0.55	142
SC276994		71	4.94	1.08	1.72	903	<1	1.97	60	830	8	0.03	<5	319	0.56	156
SC276995		42	5.38	0.93	1.48	629	<1	2.09	50	390	8	0.02	5	338	0.64	168
SC276996		83	4.88	1.19	2.16	761	<1	2.05	77	810	11	0.05	7	305	0.55	172
SC276997		54	4.08	1.01	1.68	678	<1	1.85	53	890	5	0.07	<5	317	0.49	135
SC276998		67	6.22	1.13	3.64	1090	<1	1.40	291	680	30	0.06	<5	278	0.45	164
SC276999		155	5.22	1.20	2.65	814	<1	2.11	230	850	7	0.05	<5	335	0.51	154
SC277000		106	4.49	1.01	1.85	973	<1	1.83	185	790	9	0.06	<5	331	0.42	127
SC277001																

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3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
SC276981		<10	70
SC276982		10	98
SC276983		<10	77
SC276984		<10	68
SC276985		<10	75
SC276986		<10	114
SC276987		<10	91
SC276988		<10	93
SC276989		<10	66
SC276990		<10	100
SC276991		<10	80
SC276992		<10	76
SC276993		<10	75
SC276994		<10	112
SC276995		<10	89
SC276996		<10	104
SC276997		<10	100
SC276998		<10	102
SC276999		10	117
SC277000		<10	83
SC277001			

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3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

CERTIFICATE VA06092276

Project: #506 ANT

P.O. No.: YK-002

This report is for 176 Soil samples submitted to our lab in Vancouver, BC, Canada on 25-AUG-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	27 element four acid ICP-AES	ICP-AES
S-IR08	Total Sulphur (Leco)	LECO
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

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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LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Au Check ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pt Check ppm 0.005	PGM-ICP23 Pd ppm 0.001	PGM-ICP23 Pd Check ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5
TC276651		0.48	0.010		<0.005		0.004		<0.5	8.25	9	460	1.0	<2	3.61	<0.5
TC276652		0.46	0.004		<0.005		0.003		<0.5	7.99	<5	440	1.0	<2	3.55	<0.5
TC276653		0.64	0.009		<0.005		<0.001		<0.5	8.36	<5	470	1.0	<2	3.52	<0.5
TC276654		0.38	0.003		<0.005		0.006		0.6	7.00	8	460	1.0	<2	3.15	<0.5
TC276655		0.60	0.003		<0.005		0.002		<0.5	8.22	<5	480	1.0	<2	3.43	<0.5
TC276656		0.48	0.012		<0.005		0.003		<0.5	8.11	10	470	0.9	<2	3.53	<0.5
TC276657		0.42	0.002		<0.005		0.002		<0.5	7.75	14	440	0.9	<2	3.32	<0.5
TC276658		0.54	0.002		<0.005		0.002		<0.5	8.37	<5	610	1.1	<2	2.63	<0.5
TC276659		0.42	0.003		<0.005		0.003		<0.5	8.30	5	500	1.0	<2	3.43	<0.5
TC276660		0.30	0.001		<0.005		0.001		<0.5	7.76	<5	470	0.9	<2	3.25	<0.5
TC276661		0.50	0.002		<0.005		0.002		<0.5	8.16	6	540	1.0	<2	3.14	<0.5
TC276662		0.54	0.003		<0.005		0.002		<0.5	8.30	11	530	1.0	<2	3.16	<0.5
TC276663		0.40	<0.001		<0.005		<0.001		<0.5	7.57	13	540	0.9	<2	3.17	<0.5
TC276664		0.56	0.004		<0.005		0.003		<0.5	8.16	17	520	1.0	<2	3.35	<0.5
TC276665		0.46	0.001		<0.005		0.002		<0.5	8.01	<5	520	1.0	<2	3.52	<0.5
TC276667		0.46	0.258		<0.005		0.003		<0.5	8.04	42	620	0.9	<2	3.30	<0.5
TC276668		0.60	0.008		<0.005		0.003		<0.5	8.17	32	460	1.0	<2	3.14	<0.5
TC276670		0.60	0.057		<0.005		0.003		1.0	8.14	52	560	1.0	<2	3.36	<0.5
TC276671		0.68	0.037		<0.005		0.002		<0.5	8.30	40	600	1.0	<2	4.06	<0.5
TC276672		0.36	0.007		<0.005		0.004		<0.5	8.29	8	770	0.9	<2	3.69	<0.5
TC276673		0.42	0.028		<0.005		<0.001		<0.5	7.95	21	610	0.9	<2	4.01	<0.5
TC276674		0.36	0.022		<0.005		0.004		<0.5	8.06	18	720	1.0	<2	3.58	<0.5
TC276675		0.42	0.110		<0.005		0.002		0.6	8.36	26	630	1.0	<2	4.70	<0.5
TC276676		0.62	0.046		<0.005		0.004		<0.5	8.24	39	680	0.9	<2	4.23	<0.5
TC276677		0.56	0.106		<0.005		0.005		<0.5	8.00	39	600	0.9	<2	3.74	<0.5
TC276678		0.46	0.027		<0.005		0.008		<0.5	7.93	15	570	0.9	<2	3.87	<0.5
TC276679		0.18	0.011		<0.005		0.005		<0.5	7.94	24	480	0.8	<2	4.07	<0.5
TC276680		0.50	<0.001		<0.005		0.001		<0.5	6.84	23	310	0.6	<2	2.08	<0.5
TC276681		0.34	<0.001		<0.005		0.001		<0.5	7.28	22	340	0.6	<2	2.23	<0.5
TC276682		0.70	0.001		<0.005		0.002		<0.5	8.20	36	350	0.7	3	2.12	<0.5
TC276683		0.56	0.010		<0.005		0.004		<0.5	8.60	20	630	0.8	4	4.00	<0.5
TC276684		0.64	0.206		<0.005		0.004		<0.5	7.78	25	1040	0.7	3	4.60	<0.5
TC276685		0.62	0.003		<0.005		<0.001		<0.5	8.99	21	510	0.8	5	2.17	<0.5
TC276686		0.56	0.079		<0.005		0.003		<0.5	8.18	23	820	0.7	4	3.93	<0.5
TC276687		0.64	0.086		<0.005		0.005		<0.5	8.30	16	770	0.7	4	3.91	<0.5
TC276688		0.40	0.006		<0.005		0.001		<0.5	8.61	12	490	0.9	3	3.50	<0.5
TC276689		0.46	0.202		<0.005		0.004		<0.5	8.21	20	950	0.7	5	3.91	<0.5
TC276690		0.76	0.012		<0.005		0.002		<0.5	8.49	13	960	0.8	3	4.53	<0.5
TC276691		0.42	0.183		<0.005		0.002		<0.5	8.84	8	550	1.0	2	3.53	<0.5
TC276692		0.44	0.002		<0.005		0.003		0.8	8.84	21	410	0.8	3	4.12	<0.5

Comments: NSS is non-sufficient sample.

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Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr
	Units	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	1	1	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1
TC276651		25	125	119	5.17	1.18	2.45	1085	2	1.53	51	1090	6	0.05	9	507
TC276652		24	115	104	4.83	1.14	2.29	938	2	1.55	46	1070	13	0.06	5	496
TC276653		25	129	107	5.20	1.21	2.51	1065	1	1.68	54	1100	10	0.04	<5	539
TC276654		18	101	100	4.11	0.98	1.79	758	1	1.36	50	1320	8	0.10	5	369
TC276655		22	125	93	4.99	1.23	2.41	1005	2	1.71	53	1070	11	0.04	<5	536
TC276656		21	130	88	4.97	1.15	2.35	949	1	1.71	51	1020	6	0.05	6	507
TC276657		21	125	92	4.75	1.14	2.30	852	1	1.63	46	970	10	0.04	5	494
TC276658		19	107	51	4.82	1.31	1.69	1365	1	1.77	44	980	8	0.06	8	339
TC276659		22	124	91	4.97	1.22	2.40	964	2	1.78	50	1000	6	0.04	13	530
TC276660		20	127	72	4.60	1.11	2.10	928	1	1.76	44	950	5	0.05	10	454
TC276661		18	118	62	4.58	1.17	1.91	906	1	1.87	43	1000	13	0.06	8	418
TC276662		20	115	66	4.61	1.21	1.99	868	1	1.97	43	940	7	0.05	<5	453
TC276663		19	106	49	5.24	1.04	1.67	1435	2	1.79	37	950	7	0.05	8	440
TC276664		20	117	86	4.75	1.20	2.23	794	1	1.78	47	1070	10	0.05	9	470
TC276665		19	119	75	4.97	1.14	2.01	824	1	1.83	45	990	12	0.06	10	422
TC276667		23	116	124	6.02	1.22	2.10	920	2	1.56	43	980	10	0.13	16	386
TC276668		20	100	88	5.43	1.15	2.20	944	2	1.79	38	960	9	0.06	10	385
TC276670		28	107	118	5.89	1.30	2.09	908	2	1.58	44	990	12	0.13	11	390
TC276671		29	107	134	5.95	1.33	2.34	1025	2	1.64	44	1000	13	0.18	14	401
TC276672		26	159	91	6.08	1.21	2.41	1030	1	1.87	58	900	10	0.08	<5	386
TC276673		23	85	85	5.10	1.30	2.23	988	1	1.46	39	910	11	0.12	14	480
TC276674		24	114	98	5.89	1.28	2.35	989	2	1.57	43	1030	10	0.13	10	451
TC276675		24	91	114	5.47	1.36	2.35	1070	1	1.57	46	1020	14	0.13	12	507
TC276676		26	113	99	5.82	1.33	2.49	1070	1	1.67	47	980	11	0.17	9	476
TC276677		26	169	100	6.60	1.25	2.67	933	3	1.69	53	920	10	0.07	<5	406
TC276678		25	123	107	5.90	1.24	2.48	970	3	1.60	47	980	14	0.10	5	414
TC276679		26	142	102	6.13	1.19	2.75	1005	2	1.68	50	900	11	0.07	<5	413
TC276680		15	48	51	4.61	1.13	0.92	667	3	1.40	33	640	13	0.18	<5	272
TC276681		10	55	46	3.84	1.13	0.62	525	2	1.16	28	690	10	0.13	<5	240
TC276682		15	63	54	4.53	1.55	0.81	565	1	1.03	37	680	12	0.23	<5	195
TC276683		26	152	113	6.93	1.24	2.76	1095	<1	1.87	52	900	11	0.11	<5	395
TC276684		29	260	106	11.15	1.03	2.96	1230	1	1.70	52	930	11	0.29	<5	379
TC276685		21	63	52	5.11	1.40	1.34	953	1	1.57	28	620	11	0.13	<5	290
TC276686		27	239	97	10.25	1.16	2.67	1150	1	1.70	55	1030	9	0.21	<5	355
TC276687		27	189	104	8.19	1.17	2.67	1140	1	1.78	53	910	3	0.15	<5	373
TC276688		17	118	44	5.07	1.14	2.04	951	<1	2.11	43	820	9	0.04	<5	414
TC276689		27	241	94	10.10	1.14	2.68	1150	1	1.71	53	970	11	0.19	<5	370
TC276690		30	194	108	9.06	1.18	2.88	1195	<1	1.88	55	960	11	0.24	<5	416
TC276691		21	121	74	5.79	1.20	2.39	915	<1	1.93	47	1180	6	0.05	<5	472
TC276692		29	132	120	7.49	0.88	3.38	1155	<1	1.83	56	1090	5	0.05	<5	392

Comments: NSS is non-sufficient sample.

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EXCELLENCE IN ANALYTICAL CHEMISTRY

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	S-IR08
	Analyte	Ti	V	W	Zn	S
	Units	%	ppm	ppm	ppm	%
	LOR	0.01	1	10	2	0.01
TC276651		0.49	182	<10	110	0.05
TC276652		0.46	170	<10	105	0.05
TC276653		0.48	184	<10	107	0.04
TC276654		0.42	134	<10	97	0.09
TC276655		0.47	178	<10	104	0.04
TC276656		0.48	172	<10	100	0.04
TC276657		0.47	171	<10	104	0.05
TC276658		0.52	153	<10	110	0.05
TC276659		0.49	176	<10	101	0.03
TC276660		0.47	157	<10	95	0.05
TC276661		0.52	153	<10	100	0.06
TC276662		0.50	158	<10	101	0.05
TC276663		0.55	155	<10	135	0.05
TC276664		0.49	167	<10	111	0.05
TC276665		0.52	164	<10	107	0.07
TC276667		0.47	200	<10	111	0.12
TC276668		0.49	189	<10	108	0.06
TC276670		0.46	201	<10	111	0.13
TC276671		0.48	205	<10	114	0.15
TC276672		0.66	226	<10	130	0.06
TC276673		0.43	172	<10	106	0.13
TC276674		0.47	211	<10	112	0.12
TC276675		0.47	189	<10	125	0.13
TC276676		0.48	204	<10	118	0.14
TC276677		0.57	253	<10	115	0.05
TC276678		0.49	204	<10	111	0.10
TC276679		0.53	223	<10	104	0.06
TC276680		0.36	107	<10	115	0.16
TC276681		0.40	118	<10	103	0.10
TC276682		0.41	135	<10	114	0.24
TC276683		0.50	274	<10	108	0.14
TC276684		0.64	484	<10	104	0.30
TC276685		0.49	166	<10	82	0.12
TC276686		0.60	441	<10	111	0.21
TC276687		0.53	328	<10	103	0.15
TC276688		0.50	174	<10	89	0.05
TC276689		0.57	418	<10	103	0.17
TC276690		0.56	379	<10	108	0.21
TC276691		0.59	178	<10	108	0.05
TC276692		0.62	224	<10	109	0.04

Comments: NSS is non-sufficient sample.

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3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Au Check	Pt	Pt Check	Pd	Pd Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.001	0.001	0.005	0.005	0.001	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5
TC276693		0.62	0.006		<0.005		0.002		<0.5	8.82	21	420	0.8	4	4.42	<0.5
TC276694		0.54	0.008		<0.005		0.002		<0.5	8.49	21	420	0.8	3	4.26	<0.5
TC276696		0.38	0.002		<0.005		<0.001		<0.5	7.42	9	570	0.9	5	3.13	<0.5
TC276697		0.46	0.001		<0.005		0.002		<0.5	8.65	19	430	0.8	<2	4.50	<0.5
TC276698		0.68	<0.001		<0.005		0.008		<0.5	8.17	16	280	0.7	<2	4.45	<0.5
TC276699		0.70	0.009		0.005		0.005		<0.5	7.95	18	350	0.8	<2	4.31	<0.5
TC035251		0.24	0.001		<0.005		0.002		<0.5	7.34	18	480	0.9	<2	3.24	<0.5
TC035252		0.22	0.001		<0.005		0.002		<0.5	7.22	14	500	0.9	<2	3.03	<0.5
TC035253		0.50	0.003		<0.005		0.002		<0.5	7.25	5	550	0.9	<2	3.10	<0.5
TC035254		0.34	0.002		<0.005		<0.001		<0.5	7.14	14	580	0.8	<2	3.05	<0.5
TC035255		0.28	NSS		NSS		NSS		0.5	7.59	22	580	0.8	<2	3.60	<0.5
TC035256		0.46	0.003		<0.005		0.006		<0.5	7.68	14	740	0.9	<2	3.98	<0.5
TC035257		0.40	0.017		<0.005		0.006		<0.5	7.34	23	620	0.8	<2	3.49	<0.5
TC035258		0.40	0.004		<0.005		0.002		<0.5	7.91	15	530	1.0	<2	3.29	<0.5
TC035259		0.62	0.006		<0.005		0.003		<0.5	7.97	25	520	1.0	<2	3.32	<0.5
TC035260		0.54	0.003		<0.005		0.002		<0.5	7.38	20	470	0.9	<2	3.30	<0.5
TC035261		0.46	0.020		<0.005		0.003		<0.5	7.20	17	480	1.0	<2	3.10	<0.5
TC035262		0.40	0.002		0.006		0.002		0.5	7.50	12	510	0.9	<2	3.24	<0.5
TC035263		0.50	0.009		<0.005		0.002		<0.5	7.61	<5	520	0.9	<2	3.54	<0.5
TC035264		0.48	0.016		<0.005		0.003		<0.5	7.31	12	470	0.9	<2	3.18	<0.5
TC035265		0.36	0.001		<0.005		0.007		<0.5	7.36	10	520	0.9	<2	3.00	<0.5
TC035266		0.44	0.004		<0.005		0.003		<0.5	7.44	23	490	0.9	<2	3.28	<0.5
TC035267		0.56	0.002		<0.005		0.001		<0.5	7.60	19	510	0.9	<2	3.32	<0.5
TC035268		0.50	0.002		<0.005		0.001		<0.5	7.55	<5	450	0.9	<2	3.85	<0.5
TC035269		0.50	0.001		<0.005		0.002		<0.5	7.91	18	450	0.8	<2	4.00	<0.5
TC035270		0.50	0.055		<0.005		0.001		<0.5	7.47	8	470	0.8	<2	3.87	<0.5
TC035271		0.56	NSS		NSS		NSS		<0.5	7.88	<5	510	0.8	<2	3.97	<0.5
TC035272		0.34	0.005		<0.005		0.005		<0.5	7.27	23	420	1.1	<2	2.43	<0.5
TC035273		0.50	0.024	NSS	<0.005	NSS	0.064	NSS	0.5	7.07	8	370	0.6	<2	3.70	<0.5
TC035274		0.46	<0.001		<0.005		0.009		<0.5	7.08	22	360	0.7	<2	3.69	<0.5
TC035275		0.50	0.013		<0.005		0.015		<0.5	6.26	22	310	<0.5	<2	4.66	<0.5
TC035276		0.54	0.006		<0.005		0.011		<0.5	5.96	18	280	<0.5	<2	4.61	<0.5
TC035277		0.46	0.006		<0.005		0.010		<0.5	6.36	11	390	<0.5	<2	3.95	<0.5
TC035278		0.50	0.023	NSS	0.023	NSS	0.024	NSS	<0.5	6.22	32	350	<0.5	<2	4.36	<0.5
TC035279		0.44	0.010		<0.005		0.011		<0.5	6.38	27	370	<0.5	<2	4.20	<0.5
TC035280		0.40	0.004		<0.005		0.002		<0.5	7.95	6	690	1.1	<2	2.28	<0.5
TC035281		0.48	0.010		<0.005		0.003		<0.5	8.12	6	710	1.1	<2	2.32	<0.5
TC035282		0.44	0.006		<0.005		0.002		<0.5	7.88	16	680	1.1	<2	2.49	<0.5
TC035283		0.42	0.004		<0.005		<0.001		<0.5	7.92	13	690	1.0	<2	2.49	<0.5
TC035284		0.52	0.001		<0.005		0.001		<0.5	7.75	8	660	1.1	<2	2.41	<0.5

Comments: NSS is non-sufficient sample.

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method Analyte Units LOR	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 K % 0.01	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1
TC276693		34	158	112	7.97	0.88	2.90	1460	1	1.99	59	1080	9	0.07	<5	396
TC276694		31	146	112	7.42	0.91	2.91	1215	<1	1.89	56	1250	5	0.05	<5	390
TC276696		17	100	39	5.09	1.02	1.52	2150	<1	1.64	42	900	8	0.12	<5	412
TC276697		31	174	94	7.60	0.87	2.92	1275	<1	1.94	55	1070	5	0.08	<5	405
TC276698		27	74	74	6.60	0.44	2.80	1230	1	2.24	37	980	7	0.01	<5	442
TC276699		31	106	99	6.91	0.67	2.81	1195	2	2.02	44	1010	4	0.03	<5	401
TC035251		16	106	57	4.46	1.01	1.72	632	2	1.84	39	1020	13	0.05	<5	362
TC035252		13	102	50	4.04	0.97	1.56	564	1	1.61	39	1050	14	0.08	<5	334
TC035253		17	111	67	4.66	1.11	1.86	724	2	1.56	40	970	15	0.06	<5	323
TC035254		17	133	68	4.85	1.14	1.93	683	2	1.56	43	1000	10	0.07	<5	323
TC035255		22	155	98	5.52	1.22	2.38	961	2	1.64	63	910	24	0.08	<5	373
TC035256		24	146	103	5.58	1.27	2.35	1060	2	1.64	61	830	13	0.08	<5	383
TC035257		23	174	106	5.74	1.13	2.45	911	2	1.57	65	840	19	0.09	<5	334
TC035258		25	155	83	4.92	1.30	2.54	939	1	1.75	58	920	14	0.03	<5	493
TC035259		23	139	83	4.84	1.24	2.52	958	3	1.76	55	930	6	0.03	<5	489
TC035260		20	155	75	4.94	1.10	2.34	862	2	1.69	51	920	10	0.03	<5	434
TC035261		22	127	96	4.64	1.20	2.31	1030	2	1.56	50	1050	10	0.06	<5	412
TC035262		18	139	79	4.93	1.15	2.27	848	1	1.71	44	990	13	0.05	<5	432
TC035263		19	133	63	5.14	1.17	2.38	837	2	1.85	42	900	12	0.04	<5	452
TC035264		18	129	80	4.66	1.12	2.13	644	2	1.63	45	1060	9	0.06	<5	386
TC035265		16	114	53	4.11	1.14	1.81	738	2	1.87	38	850	10	0.05	<5	405
TC035266		18	134	58	4.66	1.15	2.09	791	3	1.86	41	850	9	0.05	<5	431
TC035267		18	134	53	4.83	1.15	2.12	777	2	1.89	44	840	11	0.04	<5	425
TC035268		20	122	64	5.42	0.93	2.23	960	3	1.72	45	810	8	0.07	<5	421
TC035269		20	139	62	5.62	0.95	2.41	979	2	1.91	45	730	7	0.08	<5	448
TC035270		24	160	61	5.84	0.94	2.38	1010	2	1.70	48	750	5	0.16	<5	398
TC035271		23	132	65	5.87	0.98	2.48	1090	1	1.81	50	770	9	0.12	<5	409
TC035272		45	190	216	9.85	0.70	2.46	1975	5	1.53	66	870	11	0.06	<5	241
TC035273		35	306	162	7.01	0.66	4.27	1390	2	1.39	104	750	5	0.04	<5	293
TC035274		42	333	186	7.15	0.73	4.20	1420	4	1.33	121	770	9	0.07	<5	286
TC035275		61	745	174	7.86	0.39	7.77	1335	4	0.63	249	570	12	0.24	<5	223
TC035276		53	686	166	7.39	0.43	6.96	1180	3	0.62	226	540	16	0.30	<5	221
TC035277		51	668	140	7.18	0.62	6.55	1095	4	0.77	199	570	17	0.33	<5	224
TC035278		52	798	134	7.29	0.47	6.83	1155	3	0.71	219	610	14	0.45	<5	206
TC035279		53	737	149	7.29	0.60	6.46	1155	3	0.73	213	600	8	0.31	<5	228
TC035280		25	215	98	5.35	1.56	3.37	962	2	1.64	79	940	10	0.05	<5	264
TC035281		24	214	90	5.56	1.55	3.42	973	2	1.67	83	990	12	0.06	<5	265
TC035282		27	239	87	5.49	1.51	3.40	968	2	1.65	85	940	10	0.08	<5	274
TC035283		22	153	77	5.19	1.45	2.63	953	2	1.82	65	820	9	0.04	<5	300
TC035284		23	201	98	5.18	1.42	3.17	986	3	1.64	81	900	8	0.06	<5	279

Comments: NSS is non-sufficient sample.

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Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	S-IR08
	Analyte	Ti	V	W	Zn	S
	Units	%	ppm	ppm	ppm	%
	LOR	0.01	1	10	2	0.01
TC276693		0.65	267	<10	110	0.06
TC276694		0.66	238	<10	111	0.05
TC276696		0.43	125	<10	120	0.09
TC276697		0.66	252	<10	109	0.05
TC276698		0.54	240	<10	79	0.02
TC276699		0.62	251	<10	100	0.03
TC035251		0.51	151	<10	91	0.04
TC035252		0.47	139	<10	98	0.07
TC035253		0.48	161	10	109	0.06
TC035254		0.51	170	<10	97	0.05
TC035255		0.54	195	<10	134	0.08
TC035256		0.58	208	<10	138	0.07
TC035257		0.55	208	<10	132	0.08
TC035258		0.50	184	<10	97	0.03
TC035259		0.47	169	<10	101	0.03
TC035260		0.49	173	<10	95	0.04
TC035261		0.45	168	<10	99	0.05
TC035262		0.49	174	<10	97	0.04
TC035263		0.48	177	<10	91	0.04
TC035264		0.45	159	<10	92	0.06
TC035265		0.46	141	10	89	0.06
TC035266		0.49	164	<10	93	0.05
TC035267		0.52	165	<10	95	0.03
TC035268		0.47	176	<10	94	0.08
TC035269		0.48	183	<10	91	0.07
TC035270		0.52	197	<10	96	0.15
TC035271		0.47	189	<10	98	0.12
TC035272		0.44	287	<10	113	0.05
TC035273		0.40	234	<10	86	NSS
TC035274		0.43	249	<10	95	0.07
TC035275		0.29	236	<10	98	0.24
TC035276		0.29	228	<10	97	0.39
TC035277		0.33	229	<10	97	0.37
TC035278		0.31	232	<10	90	0.50
TC035279		0.34	233	<10	100	0.33
TC035280		0.44	188	<10	130	0.06
TC035281		0.44	190	<10	133	0.06
TC035282		0.45	194	<10	129	0.07
TC035283		0.48	183	<10	123	0.04
TC035284		0.43	175	<10	125	0.06

Comments: NSS is non-sufficient sample.

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Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Au Check	Pt	Pt Check	Pd	Pd Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.001	0.001	0.005	0.005	0.001	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5
TC035285		0.40	0.008		<0.005		0.001		<0.5	7.60	16	640	1.0	<2	2.35	<0.5
TC035286		0.44	0.003		<0.005		0.003		<0.5	7.46	11	630	1.0	<2	2.31	<0.5
TC035462		0.54	0.017	NSS	<0.005	NSS	0.003	NSS	<0.5	6.64	<5	510	0.9	<2	2.25	<0.5
TC035463		0.52	<0.001		<0.005		<0.001		<0.5	8.00	17	660	1.2	<2	2.25	<0.5
TC035464		0.28	0.003		<0.005		<0.001		<0.5	7.84	14	440	0.9	<2	1.85	<0.5
TC035465		0.48	0.016		<0.005		0.007		<0.5	7.36	6	460	0.9	<2	1.98	<0.5
TC035466		0.54	NSS		NSS		NSS		<0.5	8.14	35	400	0.7	<2	1.60	<0.5
TC035467		0.40	0.001		<0.005		<0.001		<0.5	7.90	43	420	0.8	<2	1.99	<0.5
TC035468		0.50	0.005		<0.005		<0.001		<0.5	8.25	14	480	0.8	<2	1.84	<0.5
TC035469		0.46	0.004		<0.005		0.002		<0.5	7.73	28	390	0.7	<2	2.46	<0.5
TC035470		0.52	0.003		<0.005		0.001		<0.5	8.32	36	350	0.8	<2	1.48	<0.5
TC035471		0.46	0.005		<0.005		0.001		<0.5	8.56	25	430	0.8	<2	2.32	<0.5
TC035472		0.44	0.011		<0.005		0.004		<0.5	8.28	19	540	0.8	2	4.10	<0.5
TC035473		0.48	0.018		<0.005		0.005		<0.5	7.37	11	950	0.7	<2	4.11	<0.5
TC035474		0.46	0.013		<0.005		0.007		<0.5	8.30	18	640	0.8	<2	4.11	<0.5
TC035475		0.42	0.105		<0.005		0.001		<0.5	7.73	15	1100	0.7	<2	4.23	<0.5
TC035476		0.54	0.006		0.010		0.004		<0.5	8.00	19	690	0.8	<2	4.16	<0.5
TC035477		0.42	0.001		0.006		0.003		<0.5	6.90	<5	480	0.7	<2	2.68	<0.5
TC035478		0.54	0.033		0.010		0.003		<0.5	6.17	21	710	0.7	5	3.61	0.9
TC035479		0.80	0.005		0.006		0.003		<0.5	8.08	9	590	1.0	<2	2.84	<0.5
TC035480		0.60	0.003		<0.005		0.002		<0.5	7.89	<5	550	1.0	<2	3.20	<0.5
TC035481		0.52	0.008		0.007		0.002		<0.5	8.00	5	530	1.0	<2	3.48	<0.5
TC035482		0.62	0.058		0.010		0.001		<0.5	7.85	<5	540	0.9	<2	3.71	<0.5
TC035483		0.48	<0.001		<0.005		0.004		<0.5	8.20	10	450	0.8	<2	3.22	<0.5
TC035484		0.58	0.026		0.009		0.003		<0.5	7.73	5	480	0.8	<2	3.39	<0.5
TC035485		0.54	0.001		<0.005		0.003		<0.5	8.27	<5	530	0.9	<2	3.47	<0.5
TC035486		0.78	0.006		0.022		0.021		<0.5	7.56	5	360	0.7	2	5.16	<0.5
TC035487		0.66	<0.001		0.009		<0.001		<0.5	7.79	15	380	0.7	3	4.35	<0.5
TC035488		0.44	0.107		<0.005		0.004		<0.5	7.98	11	540	0.8	<2	4.18	<0.5
TC035489		0.42	0.039		0.005		0.003		<0.5	8.29	13	590	0.8	<2	4.09	<0.5
TC035490		0.22	0.009		0.008		0.007		<0.5	8.47	13	590	0.8	<2	4.14	<0.5
TC035491		0.56	0.007		<0.005		0.003		<0.5	8.31	22	670	0.8	<2	4.43	<0.5
TC035492		0.54	0.232		0.006		0.005		<0.5	7.65	13	590	0.7	<2	4.20	<0.5
TC035493		0.50	0.015		<0.005		0.004		<0.5	8.13	17	490	0.8	3	4.18	<0.5
TC035494		0.44	0.008		<0.005		0.004		<0.5	8.36	13	530	0.9	<2	4.17	<0.5
TC035495		0.56	0.013		0.006		0.005		<0.5	8.57	19	500	0.8	<2	4.20	<0.5
TC035496		0.56	0.018		0.017		0.003		<0.5	8.58	21	640	1.0	2	4.08	<0.5
TC035497		0.44	0.002		0.021		0.003		<0.5	7.61	<5	460	1.0	<2	3.09	<0.5
TC035498		0.80	0.001		<0.005		0.003		<0.5	7.65	8	440	1.0	<2	3.47	<0.5
TC035499		0.40	0.003		<0.005		0.004		<0.5	7.80	9	490	1.0	<2	2.88	<0.5

Comments: NSS is non-sufficient sample.

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr
	Units	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	1	1	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1
TC035285		25	199	88	5.18	1.44	3.20	954	3	1.61	81	910	11	0.05	<5	253
TC035286		24	220	94	5.17	1.43	3.18	941	2	1.53	80	880	14	0.06	<5	256
TC035462		13	73	53	3.91	1.10	1.23	798	1	1.36	36	1370	9	0.11	<5	254
TC035463		17	82	60	4.71	1.41	1.27	856	2	1.72	35	1120	8	0.06	<5	295
TC035464		18	70	51	4.75	1.32	0.96	788	2	1.43	27	780	10	0.07	<5	258
TC035465		12	63	50	4.21	1.26	1.00	631	2	1.39	27	940	8	0.08	<5	248
TC035466		18	60	67	5.53	1.74	0.82	918	4	1.13	30	670	15	0.20	<5	177
TC035467		18	67	59	5.32	1.42	0.99	901	3	1.35	30	780	14	0.11	<5	251
TC035468		17	59	66	5.31	1.59	0.95	1010	3	1.34	25	740	11	0.13	<5	261
TC035469		15	53	65	4.65	1.54	0.93	828	3	1.14	26	720	16	0.17	<5	240
TC035470		20	79	88	5.53	1.52	1.25	733	3	1.31	35	580	14	0.05	<5	211
TC035471		19	60	74	5.07	1.65	1.07	729	1	1.22	28	650	10	0.29	5	258
TC035472		28	140	117	6.36	1.14	2.79	1115	<1	1.91	50	930	9	0.10	<5	418
TC035473		29	207	125	11.05	1.05	2.67	1235	<1	1.62	53	890	8	0.27	<5	370
TC035474		27	162	133	6.78	1.17	2.73	1195	<1	1.85	54	1020	6	0.14	<5	399
TC035475		31	246	119	11.30	1.06	2.79	1260	<1	1.71	57	1040	9	0.27	<5	382
TC035476		26	161	119	7.02	1.17	2.64	1140	<1	1.82	50	920	6	0.15	<5	399
TC035477		17	90	29	4.42	0.84	1.72	769	<1	1.81	35	1130	7	0.12	<5	374
TC035478		55	75	31	9.05	0.61	1.75	11450	<1	1.51	54	1140	4	0.08	<5	507
TC035479		22	158	107	5.19	0.95	2.15	1130	<1	1.93	56	750	8	0.02	<5	361
TC035480		18	117	39	4.39	1.09	1.74	704	<1	2.01	39	980	8	0.03	<5	386
TC035481		23	178	65	5.32	1.00	2.29	1240	<1	1.93	56	910	5	0.04	<5	407
TC035482		25	181	71	5.98	0.98	2.37	1275	<1	1.83	55	930	6	0.09	<5	392
TC035483		24	163	64	5.25	0.90	2.79	1015	<1	1.98	59	660	5	0.03	<5	388
TC035484		25	170	72	5.28	0.92	2.62	1105	<1	1.80	64	800	4	0.04	<5	372
TC035485		23	127	63	5.03	1.03	2.35	1105	<1	2.06	50	800	6	0.04	<5	420
TC035486		38	213	154	7.32	0.67	3.62	1465	<1	1.61	76	710	6	0.11	<5	326
TC035487		31	170	101	6.62	0.76	3.16	1205	<1	1.68	62	730	6	0.07	<5	365
TC035488		29	157	115	7.40	1.13	2.73	1130	<1	1.80	52	950	4	0.19	<5	400
TC035489		28	126	112	6.49	1.15	2.74	1120	<1	1.87	49	970	9	0.13	<5	410
TC035490		27	120	131	6.21	1.16	2.71	1170	<1	1.87	52	1000	5	0.13	<5	417
TC035491		29	154	112	7.37	1.18	2.83	1180	<1	1.88	52	990	9	0.20	<5	425
TC035492		30	211	127	10.30	1.00	2.75	1195	<1	1.71	52	960	5	0.22	<5	390
TC035493		26	141	121	6.52	1.11	2.75	1095	<1	1.92	51	970	5	0.13	<5	423
TC035494		29	124	127	6.16	1.21	2.64	1125	<1	1.83	48	990	6	0.12	6	417
TC035495		28	131	137	6.34	1.19	2.73	1145	<1	1.89	52	980	7	0.14	8	430
TC035496		27	109	132	5.53	1.30	2.62	1065	<1	1.79	47	970	6	0.12	<5	480
TC035497		20	91	94	4.33	1.07	1.82	854	<1	1.68	40	1120	19	0.08	<5	411
TC035498		20	126	92	4.71	1.01	2.04	792	<1	1.64	46	1050	14	0.06	7	391
TC035499		19	108	66	4.42	1.00	1.82	813	<1	1.70	44	1010	9	0.06	<5	401

Comments: NSS is non-sufficient sample.

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	S-IR08
	Analyte	Ti	V	W	Zn	S
	Units	%	ppm	ppm	ppm	%
	LOR	0.01	1	10	2	0.01
TC035285		0.43	180	<10	124	0.06
TC035286		0.43	182	<10	123	0.06
TC035462		0.38	118	<10	100	0.10
TC035463		0.45	148	10	101	0.05
TC035464		0.48	152	<10	111	0.07
TC035465		0.38	132	<10	107	0.08
TC035466		0.42	155	<10	98	0.21
TC035467		0.43	154	<10	110	0.13
TC035468		0.45	156	<10	103	0.15
TC035469		0.41	139	<10	110	0.15
TC035470		0.47	184	<10	104	0.05
TC035471		0.49	161	<10	104	0.33
TC035472		0.50	249	<10	105	0.11
TC035473		0.61	493	<10	122	0.27
TC035474		0.54	262	<10	120	0.12
TC035475		0.64	491	<10	120	0.23
TC035476		0.53	285	<10	109	0.18
TC035477		0.43	113	<10	126	0.09
TC035478		0.36	117	<10	230	0.06
TC035479		0.50	168	<10	116	0.03
TC035480		0.61	151	<10	115	0.04
TC035481		0.58	177	<10	140	0.03
TC035482		0.61	203	<10	136	0.08
TC035483		0.46	170	<10	105	0.03
TC035484		0.49	173	<10	113	0.03
TC035485		0.49	165	<10	103	0.04
TC035486		0.51	242	<10	113	0.08
TC035487		0.52	229	<10	112	0.08
TC035488		0.54	306	<10	117	0.17
TC035489		0.49	252	<10	110	0.14
TC035490		0.49	230	<10	111	0.14
TC035491		0.55	304	<10	113	0.20
TC035492		0.56	433	<10	114	0.24
TC035493		0.50	258	<10	105	0.11
TC035494		0.49	235	10	112	0.12
TC035495		0.49	239	<10	108	0.11
TC035496		0.50	205	<10	147	0.12
TC035497		0.45	139	<10	112	0.07
TC035498		0.48	161	<10	105	0.06
TC035499		0.50	148	<10	110	0.05

Comments: NSS is non-sufficient sample.

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LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Au Check	Pt	Pt Check	Pd	Pd Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.001	0.001	0.005	0.005	0.001	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5
TC035500		0.48	0.001		0.007		0.001		<0.5	7.52	5	470	1.0	<2	3.12	<0.5
TC035601		0.46	0.193		0.006		0.003		<0.5	7.76	<5	520	0.9	<2	3.41	<0.5
TC035602		0.62	0.003		0.005		0.003		<0.5	7.84	6	420	0.8	<2	3.85	<0.5
TC035603		0.48	0.278		0.005		0.003		<0.5	7.74	10	390	0.7	<2	3.93	<0.5
TC035604		0.48	0.011		0.006		0.004		<0.5	7.88	15	380	0.8	<2	3.97	<0.5
TC035605		0.44	0.007		<0.005		0.002		<0.5	8.13	<5	530	0.9	<2	3.27	<0.5
TC035606		0.42	0.002		0.008		0.003		<0.5	7.88	8	410	0.8	<2	3.88	<0.5
TC035607		0.56	0.001		0.010		0.005		<0.5	8.33	20	360	0.7	<2	4.69	<0.5
TC035608		0.78	0.005		0.009		0.006		<0.5	8.94	26	900	0.7	<2	2.92	1.0
TC035609		0.54	0.005		<0.005		0.002		<0.5	7.69	8	1010	0.9	<2	1.48	<0.5
TC035610		0.58	0.002		0.007		0.004		<0.5	8.27	15	690	0.9	<2	2.05	<0.5
TC035611		0.78	0.031		0.007		0.003		<0.5	8.67	19	750	0.7	<2	2.85	0.9
TC035612		0.60	0.004		<0.005		0.001		<0.5	8.60	27	710	0.8	<2	3.10	0.9
TC035613		0.54	0.002		0.007		0.003		0.7	8.81	24	580	0.7	<2	2.10	0.8
TC035614		0.68	0.002		<0.005		0.004		<0.5	8.51	26	660	0.7	<2	3.24	0.7
TC035615		0.40	0.013		0.009		0.004		<0.5	8.38	17	430	0.8	<2	2.06	1.0
TC035616		0.74	0.011		0.009		0.001		<0.5	9.09	20	560	0.8	<2	3.77	0.9
TC035617		0.50	0.008		0.009		0.002		<0.5	9.11	19	530	0.9	<2	3.77	0.6
TC035618		0.62	0.007		0.005		0.003		<0.5	8.81	11	530	0.8	<2	4.23	0.7
TC035619		0.60	0.004		0.005		0.003		<0.5	9.04	<5	570	0.8	<2	4.21	0.6
TC035620		0.58	0.011		<0.005		0.005		<0.5	8.68	15	600	0.9	<2	3.80	0.6
TC035621		0.58	0.011		<0.005		0.004		<0.5	8.55	13	640	0.9	<2	3.85	0.5
TC035622		0.60	0.006		0.015		0.032		<0.5	8.85	16	600	0.9	<2	2.82	<0.5
TC035623		0.68	0.012		<0.005		0.004		<0.5	8.15	7	620	0.9	<2	3.96	<0.5
TC035624		0.62	0.009		0.008		0.002		<0.5	8.60	13	520	1.1	<2	3.09	0.6
TC035625		0.64	0.006		<0.005		0.006		<0.5	8.61	13	600	0.9	<2	3.73	0.5
TC035626		0.62	0.006		<0.005		0.004		<0.5	8.31	21	600	0.9	<2	3.90	0.5
TC035627		0.62	0.008		0.007		0.008		<0.5	8.68	17	600	1.0	<2	4.15	0.6
TC035628		0.50	0.011		<0.005		0.001		<0.5	8.34	14	540	1.0	<2	3.11	<0.5
TC035629		0.56	0.013		<0.005		0.004		<0.5	8.29	13	620	0.9	<2	4.17	<0.5
TC035630		0.70	0.008		<0.005		0.004		0.6	8.62	17	650	0.9	<2	4.26	0.6
TC035631		0.56	0.011		0.006		0.004		<0.5	8.38	17	630	0.9	<2	4.07	0.5
TC035632		0.60	0.015		0.007		0.004		<0.5	8.14	12	600	0.9	<2	4.06	<0.5
TC035663		0.52	0.033		0.010		0.013		<0.5	7.39	45	650	0.5	<2	3.85	0.5
TC035664		0.44	0.002		<0.005		0.007		<0.5	7.58	18	750	0.6	<2	3.27	<0.5
TC035665		0.46	0.003		0.011		0.008		<0.5	8.08	<5	470	0.7	<2	3.79	<0.5
TC035666		0.56	0.003		<0.005		0.007		<0.5	7.79	10	680	0.7	<2	3.26	0.5
TC035667		0.48	0.001		<0.005		0.004		<0.5	7.79	11	600	0.7	<2	3.01	<0.5
TC035668		0.40	0.003		0.009		0.005		<0.5	7.49	17	800	0.9	<2	5.26	<0.5
TC035669		0.46	0.008		<0.005		0.005		<0.5	7.72	12	690	0.7	<2	3.87	<0.5

Comments: NSS is non-sufficient sample.

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr
	Units	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	1	1	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1
TC035500		18	114	62	4.51	1.00	1.83	713	<1	1.67	41	1030	11	0.07	<5	393
TC035601		19	119	68	5.56	0.94	1.96	885	<1	1.98	42	880	7	0.04	<5	417
TC035602		26	141	69	5.97	0.88	2.65	931	<1	1.78	49	950	5	0.03	<5	411
TC035603		28	139	86	6.68	0.75	2.71	1115	<1	1.80	47	990	4	0.04	<5	383
TC035604		29	113	91	6.47	0.71	2.82	1185	<1	1.87	47	930	3	0.04	<5	396
TC035605		18	129	31	4.19	1.10	1.72	815	<1	2.27	35	740	7	0.03	<5	455
TC035606		24	125	68	5.94	0.83	2.47	986	<1	1.94	45	890	4	0.04	<5	416
TC035607		28	113	82	7.29	0.69	3.09	1315	<1	2.01	47	840	10	0.03	6	396
TC035608		22	146	83	5.82	1.59	2.11	801	<1	1.07	66	660	19	0.36	<5	275
TC035609		15	72	107	4.02	2.47	1.36	840	1	1.21	30	620	15	0.10	<5	169
TC035610		16	71	76	5.00	1.69	1.60	892	<1	1.77	30	850	12	0.15	<5	261
TC035611		24	146	80	5.59	1.55	2.17	845	1	1.27	61	670	12	0.28	<5	271
TC035612		30	150	88	6.08	1.59	2.22	1050	2	1.19	66	650	19	0.18	<5	243
TC035613		18	82	91	5.70	1.62	1.55	883	1	1.17	43	810	17	0.22	<5	263
TC035614		22	147	75	5.66	1.63	2.12	875	1	1.26	56	570	16	0.30	<5	244
TC035615		18	67	105	5.54	1.47	1.46	780	2	1.03	33	1000	27	0.27	<5	308
TC035616		21	116	71	5.67	1.66	1.98	958	<1	1.40	44	670	14	0.23	<5	282
TC035617		22	113	76	5.64	1.69	2.01	980	<1	1.46	43	770	17	0.23	5	284
TC035618		21	125	98	5.90	1.52	2.31	1060	<1	1.40	53	650	12	0.15	<5	300
TC035619		24	125	83	5.93	1.58	2.34	1145	<1	1.52	54	640	11	0.15	7	297
TC035620		24	169	101	5.98	1.59	2.53	1220	<1	1.61	74	630	18	0.17	<5	333
TC035621		23	164	104	5.88	1.53	2.50	1190	<1	1.62	70	630	18	0.19	<5	329
TC035622		19	136	64	5.51	1.65	2.00	967	<1	1.62	54	620	14	0.18	<5	294
TC035623		27	156	88	5.61	1.49	2.47	1155	<1	1.56	66	640	17	0.15	<5	328
TC035624		19	140	78	5.31	2.06	2.01	1180	<1	1.43	64	710	17	0.38	<5	200
TC035625		22	155	73	5.66	1.66	2.34	1085	<1	1.60	63	660	24	0.24	<5	301
TC035626		24	141	80	5.53	1.55	2.38	1145	<1	1.63	64	650	17	0.21	<5	326
TC035627		25	150	86	5.70	1.69	2.48	1165	<1	1.68	71	700	12	0.23	<5	337
TC035628		19	109	49	4.97	1.28	1.87	890	<1	2.10	40	750	12	0.03	<5	432
TC035629		21	162	80	5.52	1.56	2.40	1110	<1	1.62	65	680	19	0.24	<5	326
TC035630		24	156	81	5.69	1.62	2.49	1170	<1	1.69	65	720	16	0.23	<5	336
TC035631		22	163	76	5.55	1.59	2.38	1120	<1	1.66	62	710	28	0.26	<5	317
TC035632		21	140	75	5.33	1.51	2.33	1070	<1	1.63	59	670	11	0.20	7	317
TC035663		55	319	127	8.16	0.86	4.54	1115	<1	1.19	169	730	8	3.29	<5	219
TC035664		43	379	105	6.51	1.03	4.31	1150	<1	1.34	158	720	6	1.11	<5	261
TC035665		31	219	109	6.40	1.00	3.87	1205	<1	1.52	87	640	3	0.10	<5	308
TC035666		34	272	102	6.01	1.14	3.46	1055	<1	1.65	105	690	8	0.74	<5	292
TC035667		30	215	100	5.59	1.26	2.94	1005	<1	1.82	81	680	8	0.45	<5	282
TC035668		27	234	95	5.65	1.29	3.55	896	<1	1.24	93	940	13	0.55	<5	243
TC035669		28	221	88	5.74	1.23	3.11	980	<1	1.63	83	740	9	0.57	9	290

Comments: NSS is non-sufficient sample.

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3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	S-IR08
	Analyte	Ti	V	W	Zn	S
	Units	%	ppm	ppm	ppm	%
	LOR	0.01	1	10	2	0.01
TC035500		0.52	152	<10	121	0.07
TC035601		0.61	198	<10	129	0.04
TC035602		0.58	198	<10	121	0.03
TC035603		0.62	225	<10	107	0.03
TC035604		0.56	218	<10	108	0.03
TC035605		0.65	143	<10	89	0.03
TC035606		0.59	197	<10	102	0.04
TC035607		0.57	246	<10	106	0.02
TC035608		0.47	175	<10	158	0.35
TC035609		0.34	104	10	89	0.08
TC035610		0.39	130	<10	115	0.13
TC035611		0.45	170	<10	149	0.25
TC035612		0.43	171	<10	156	0.16
TC035613		0.46	159	<10	128	0.16
TC035614		0.47	177	<10	148	0.30
TC035615		0.40	151	<10	199	0.28
TC035616		0.49	179	10	128	0.21
TC035617		0.48	175	<10	129	0.18
TC035618		0.50	186	<10	139	0.14
TC035619		0.53	191	10	135	0.11
TC035620		0.50	193	<10	180	0.16
TC035621		0.50	193	<10	167	0.17
TC035622		0.50	169	10	118	0.14
TC035623		0.48	185	<10	160	0.13
TC035624		0.41	157	<10	193	0.34
TC035625		0.51	185	<10	161	0.18
TC035626		0.47	178	<10	164	0.19
TC035627		0.50	188	10	169	0.20
TC035628		0.57	171	<10	106	0.03
TC035629		0.48	180	<10	147	0.23
TC035630		0.48	182	<10	160	0.21
TC035631		0.49	182	<10	149	0.25
TC035632		0.46	173	10	139	0.18
TC035663		0.38	264	<10	83	3.57
TC035664		0.38	215	10	118	0.98
TC035665		0.42	229	<10	104	0.09
TC035666		0.38	196	<10	108	0.65
TC035667		0.38	188	<10	101	0.48
TC035668		0.39	196	<10	121	0.56
TC035669		0.39	187	<10	107	0.55

Comments: NSS is non-sufficient sample.

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3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Au Check	Pt	Pt Check	Pd	Pd Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.001	0.001	0.005	0.005	0.001	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5
TC035670		0.42	0.004		<0.005		0.005		<0.5	7.84	19	710	0.9	<2	3.59	<0.5
TC035671		0.40	0.004		0.007		0.004		<0.5	8.11	20	660	0.8	<2	3.64	0.5
TC035672		0.46	0.003		<0.005		0.003		<0.5	8.25	8	760	0.9	<2	3.41	<0.5
TC035673		0.58	0.007		<0.005		0.003		<0.5	7.86	8	740	1.0	<2	3.37	<0.5
TC035674		0.54	0.007		<0.005		0.002		<0.5	7.95	21	730	1.1	<2	3.59	<0.5
TC035675		0.62	0.002		0.013		0.019		<0.5	8.33	24	510	0.9	<2	2.54	<0.5
TC035676		0.68	0.006		<0.005		0.004		0.8	7.92	19	710	1.0	<2	3.52	<0.5
TC035677		0.60	0.006		<0.005		0.004		<0.5	8.36	30	730	1.1	<2	3.21	<0.5
TC035678		0.72	0.004		<0.005		0.004		<0.5	8.22	71	680	0.9	<2	4.23	<0.5
TC035679		0.70	0.004		<0.005		0.003		<0.5	8.29	26	730	1.0	<2	3.84	<0.5
TC035680		0.26	0.003		<0.005		0.002		<0.5	7.95	38	710	1.0	<2	4.28	<0.5
TC035681		0.68	0.003		<0.005		0.003		<0.5	8.03	91	700	0.9	<2	4.33	<0.5
TC035682		0.68	0.003		<0.005		0.002		<0.5	7.80	56	680	0.9	<2	4.06	<0.5
TC035683		0.68	0.005		<0.005		0.002		0.5	7.88	49	660	1.0	<2	3.92	<0.5
TC035684		0.82	0.005		<0.005		0.002		<0.5	7.83	22	660	0.9	<2	3.31	<0.5
TC035685		0.70	0.005		<0.005		0.002		<0.5	7.92	66	640	0.9	<2	4.01	<0.5

Comments: NSS is non-sufficient sample.

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3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr
	Units	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	1	1	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1
TC035670		28	205	105	5.56	1.36	3.12	1050	<1	1.59	82	830	10	0.29	<5	266
TC035671		25	176	93	5.64	1.33	3.08	1055	<1	1.67	78	840	11	0.29	<5	273
TC035672		27	179	86	5.63	1.44	2.98	1055	<1	1.78	66	830	10	0.27	<5	280
TC035673		26	156	88	5.12	1.47	2.87	1035	1	1.70	73	900	6	0.23	<5	268
TC035674		29	155	107	5.34	1.49	2.91	1080	2	1.62	77	990	10	0.21	<5	271
TC035675		21	87	94	5.24	1.47	1.76	862	2	1.45	37	820	16	0.14	<5	263
TC035676		24	150	92	5.18	1.42	2.86	1040	1	1.66	75	940	8	0.23	<5	271
TC035677		25	114	93	5.38	1.65	2.65	1080	1	1.79	61	970	12	0.08	<5	263
TC035678		26	147	99	5.84	1.47	2.89	1120	1	1.74	75	940	7	0.34	<5	280
TC035679		24	138	89	5.32	1.54	2.85	1075	1	1.80	68	930	9	0.22	<5	283
TC035680		23	122	97	5.19	1.50	2.60	1045	2	1.63	65	930	8	0.16	<5	311
TC035681		23	114	87	5.52	1.53	2.48	1055	1	1.57	58	790	7	0.23	<5	258
TC035682		22	117	79	5.19	1.48	2.48	1015	1	1.60	57	800	6	0.27	<5	263
TC035683		23	128	87	5.20	1.46	2.54	1030	2	1.69	63	880	8	0.23	<5	277
TC035684		22	119	73	4.94	1.43	2.48	1000	1	1.80	55	840	6	0.10	<5	262
TC035685		23	105	82	5.16	1.54	2.41	1025	1	1.64	56	780	10	0.17	<5	262

Comments: NSS is non-sufficient sample.

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LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 ANT

CERTIFICATE OF ANALYSIS VA06092276

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	S-IR08 S % 0.01
TC035670		0.40	190	<10	121	0.27
TC035671		0.40	185	<10	116	0.31
TC035672		0.41	190	<10	121	0.23
TC035673		0.42	183	<10	118	0.22
TC035674		0.45	191	<10	133	0.19
TC035675		0.45	159	<10	135	0.12
TC035676		0.42	180	<10	120	0.20
TC035677		0.46	192	<10	133	0.07
TC035678		0.45	192	<10	133	0.26
TC035679		0.43	183	<10	124	0.19
TC035680		0.44	180	<10	125	0.15
TC035681		0.41	168	<10	114	0.20
TC035682		0.41	169	<10	109	0.26
TC035683		0.43	177	<10	115	0.19
TC035684		0.43	177	<10	104	0.09
TC035685		0.41	166	<10	110	0.15

Comments: NSS is non-sufficient sample.

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 11-OCT-2006
Account: UZJ

CERTIFICATE VA06095042

Project: 506 (ONION)

P.O. No.:

This report is for 10 Stream Sediment samples submitted to our lab in Vancouver, BC, Canada on 5-SEP-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
S-IR08	Total Sulphur (Leco)	LECO
ME-ICP61	27 element four acid ICP-AES	ICP-AES

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

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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LAVAL QC H7L 5A7

Finalized Date: 11-OCT-2006
Account: UZJ

Project: 506 (ONION)

CERTIFICATE OF ANALYSIS VA06095042

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1
C035295		0.42	0.005	0.028	0.028	<0.5	2.73	6	160	<0.5	<2	2.45	<0.5	90	2060	118
C035296		0.42	0.004	0.059	0.084	<0.5	2.48	<5	120	<0.5	<2	1.46	<0.5	125	3440	148
C035297		0.56	0.004	0.052	0.058	<0.5	1.62	<5	80	<0.5	<2	1.23	<0.5	136	4320	137
C035298		0.50	0.002	0.097	0.082	<0.5	1.48	<5	60	<0.5	<2	1.23	<0.5	148	4750	133
C035299		0.62	0.016	0.076	0.087	<0.5	1.50	21	60	<0.5	<2	1.05	<0.5	139	4450	124
C035300		0.50	0.014	0.092	0.079	<0.5	2.57	29	140	<0.5	<2	1.36	<0.5	116	4570	157
C035351		0.42	0.005	0.038	0.050	<0.5	2.75	<5	220	<0.5	<2	1.74	<0.5	95	3630	208
C035352		0.62	0.011	0.033	0.034	0.6	4.99	15	520	0.7	<2	2.17	<0.5	63	2700	467
C035353		0.50	0.014	0.012	0.014	0.5	6.47	<5	670	1.1	<2	3.05	<0.5	45	1050	747
C035354		0.48	0.038	0.013	0.015	<0.5	5.75	<5	580	0.9	<2	2.51	<0.5	36	1140	490

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3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 11-OCT-2006
Account: UZJ

Project: 506 (ONION)

CERTIFICATE OF ANALYSIS VA06095042

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
C035295		7.70	10	0.27	<10	14.65	1280	<1	0.51	1245	310	3	0.05	<5	13	101
C035296		8.96	<10	0.27	<10	16.85	1280	<1	0.40	1655	210	2	0.03	5	12	74
C035297		9.81	<10	0.15	10	18.70	1330	<1	0.25	1900	170	<2	0.04	<5	9	53
C035298		10.35	<10	0.13	10	19.45	1345	<1	0.22	2020	150	2	0.04	<5	9	47
C035299		9.64	<10	0.14	10	18.05	1245	<1	0.21	1910	150	<2	0.05	<5	8	49
C035300		9.43	<10	0.35	<10	14.20	1135	1	0.34	1570	240	14	0.35	9	11	100
C035351		8.63	10	0.30	<10	14.70	1145	1	0.41	1490	270	11	0.20	11	13	122
C035352		7.98	10	0.69	10	9.06	1155	16	0.99	886	700	13	0.25	8	16	232
C035353		6.75	10	1.16	20	5.49	1150	26	1.22	485	940	14	0.19	10	16	355
C035354		5.58	10	1.02	10	5.09	991	18	1.23	433	850	13	0.16	6	14	301

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Finalized Date: 11-OCT-2006
Account: UZJ

Project: 506 (ONION)

CERTIFICATE OF ANALYSIS VA06095042

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	S-IR08
	Analyte	Th	Ti	Tl	U	V	W	Zn	S
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.01
C035295		<20	0.16	<10	<10	84	<10	84	0.04
C035296		<20	0.14	<10	<10	91	<10	88	0.04
C035297		<20	0.11	<10	<10	71	<10	98	0.03
C035298		<20	0.10	<10	<10	70	<10	100	0.03
C035299		<20	0.10	10	<10	68	10	94	0.04
C035300		<20	0.16	20	<10	100	10	108	0.33
C035351		<20	0.16	<10	10	103	<10	100	0.22
C035352		<20	0.26	10	10	135	<10	122	0.26
C035353		<20	0.28	10	<10	136	<10	95	0.17
C035354		<20	0.26	10	<10	119	<10	86	0.16

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Finalized Date: 10-OCT-2006
Account: UZJ

CERTIFICATE VA06095043

Project: 505 (006) B.L.

P.O. No.:

This report is for 4 Stream Sediment samples submitted to our lab in Vancouver, BC, Canada on 26-SEP-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
S-IR08	Total Sulphur (Leco)	LECO
ME-ICP61	27 element four acid ICP-AES	ICP-AES

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
3296, AVE FRANCIS-HUGHES
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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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Finalized Date: 10-OCT-2006
Account: UZJ

Project: 505 (006) B.L.

CERTIFICATE OF ANALYSIS VA06095043

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1
C035287		0.58	0.003	0.006	0.004	0.5	7.69	<5	570	0.5	<2	5.43	<0.5	42	422	99
C035288		1.16	0.009	<0.005	0.004	<0.5	7.90	5	660	0.5	<2	5.92	<0.5	39	522	87
C035289		0.32	0.005	0.007	0.008	<0.5	7.20	5	510	0.5	2	5.10	<0.5	42	451	93
C035290		0.32	0.001	0.008	0.007	<0.5	7.61	<5	490	0.5	<2	5.58	<0.5	39	449	88

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Finalized Date: 10-OCT-2006
Account: UZJ

Project: 505 (006) B.L.

CERTIFICATE OF ANALYSIS VA06095043

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
C035287		7.22	10	0.70	<10	5.16	1210	<1	1.59	196	660	10	0.06	5	31	270
C035288		7.88	20	0.67	<10	5.04	1215	<1	1.69	175	680	12	0.06	<5	34	296
C035289		6.63	10	0.70	<10	5.28	1125	1	1.55	207	630	9	0.05	<5	29	250
C035290		6.89	10	0.66	<10	4.80	1125	<1	1.66	176	620	11	0.04	<5	31	286

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Account: UZJ

Project: 505 (006) B.L.

CERTIFICATE OF ANALYSIS VA06095043

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	S-IR08
	Analyte	Th	Ti	Tl	U	V	W	Zn	S
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.01
C035287		<20	0.54	<10	<10	261	10	97	0.08
C035288		<20	0.66	10	<10	309	<10	97	0.07
C035289		<20	0.47	<10	10	236	<10	93	0.04
C035290		<20	0.57	<10	10	270	<10	89	0.04

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Finalized Date: 10-OCT-2006
Account: UZJ

CERTIFICATE VA06095048

Project: 505 (006) B.L.

P.O. No.:

This report is for 7 Rock samples submitted to our lab in Vancouver, BC, Canada on 5-SEP-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN

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
Ni-AA61	Trace Ni - four-acid digestion	AAS
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Co-AA61	Trace Co - four-acid digestion	AAS
Cr-AA61	Trace Cr - four-acid digestion	AAS
Cu-AA61	Trace Cu - four-acid digestion	AAS
V-AA61	Trace V - four-acid digestion	AAS
As-AA61	Trace As - four acid digestion	AAS
S-IR08	Total Sulphur (Leco)	LECO

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
3296, AVE FRANCIS-HUGHES
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Signature:
Keith Rogers, Executive Manager Vancouver Laboratory

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LAVAL QC H7L 5A7

Finalized Date: 10-OCT-2006
Account: UZJ

Project: 505 (006) B.L.

CERTIFICATE OF ANALYSIS VA06095048

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	Ni-AA61 Ni ppm 5	Co-AA61 Co ppm 5	Cr-AA61 Cr ppm 2	Cu-AA61 Cu ppm 2	V-AA61 V ppm 5	As-AA61 As ppm 5	S-IR08 S % 0.01
276759		2.24	0.146	0.058	0.037	1200	130	1575	3100	175	346	0.56
276760		0.56	0.211	0.019	0.004	422	99	971	506	122	<5	0.07
276762		2.32	0.002	<0.005	0.002	26	21	75	102	174	<5	2.41
276763		1.68	0.001	<0.005	0.001	20	20	56	103	169	<5	2.47
276764		1.68	<0.001	<0.005	0.001	10	14	31	65	172	<5	1.60
276766		1.90	0.002	0.005	0.002	25	11	37	103	119	7	0.20
276769		1.68	0.177	0.075	0.187	688	61	179	2500	167	793	0.68

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Finalized Date: 7-OCT-2006
Account: UZJ

CERTIFICATE VA06095041

Project: 505 (PICK)

P.O. No.:

This report is for 24 Soil samples submitted to our lab in Vancouver, BC, Canada on 5-SEP-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	27 element four acid ICP-AES	ICP-AES
S-IR08	Total Sulphur (Leco)	LECO
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

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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Finalized Date: 7-OCT-2006
Account: UZJ

Project: 505 (PICK)

CERTIFICATE OF ANALYSIS VA06095041

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1
TC035291		0.54	0.003	<0.005	0.002	<0.5	8.98	21	660	1.2	<2	2.71	<0.5	26	91	96
TC035292		0.48	0.007	<0.005	0.004	<0.5	9.24	7	900	0.9	<2	2.94	<0.5	26	98	82
TC035293		0.44	0.007	<0.005	0.010	<0.5	9.21	23	860	0.9	<2	2.70	<0.5	25	146	99
TC035294		0.48	0.022	<0.005	0.009	<0.5	8.77	6	710	0.8	<2	3.25	<0.5	28	115	120
TC035701		0.14	0.003	0.005	0.008	<0.5	6.95	16	490	0.9	<2	3.22	<0.5	18	78	99
TC035702		0.40	0.003	<0.005	0.003	<0.5	7.95	<5	570	1.0	<2	2.90	<0.5	22	96	98
TC035703		0.36	0.004	0.006	0.002	<0.5	8.71	15	500	0.9	<2	3.30	<0.5	24	69	105
TC035704		0.42	0.007	<0.005	0.004	<0.5	9.30	10	390	0.7	<2	4.72	<0.5	26	109	98
TC035705		0.22	0.004	<0.005	0.005	0.5	6.22	12	510	0.9	<2	2.42	<0.5	19	132	80
TC035706		0.16	0.003	<0.005	<0.001	<0.5	6.88	11	600	0.9	<2	2.65	<0.5	14	101	42
TC035753		0.56	0.002	<0.005	0.002	<0.5	7.41	8	530	0.9	<2	2.76	<0.5	18	84	108
TC035754		0.64	0.006	<0.005	0.004	<0.5	7.47	13	540	0.9	<2	3.64	<0.5	21	88	102
TC035755		0.62	0.006	<0.005	0.006	<0.5	7.73	<5	490	0.8	<2	3.53	<0.5	33	413	92
TC035756		0.36	0.008	<0.005	0.013	<0.5	6.94	11	460	0.7	<2	2.79	<0.5	33	232	137
TC035757		0.38	0.012	<0.005	0.009	0.6	6.92	12	510	0.9	<2	2.79	<0.5	20	118	146
TC035758		0.40	0.005	<0.005	0.003	<0.5	7.05	<5	530	0.9	<2	2.88	<0.5	17	168	65
TC035759		0.60	<0.001	<0.005	<0.001	<0.5	7.97	<5	560	0.9	<2	3.32	<0.5	16	135	73
TC035760		0.46	0.004	<0.005	<0.001	<0.5	6.45	6	540	0.9	<2	2.88	<0.5	15	81	88
C035801		0.44	<0.001	<0.005	<0.001	<0.5	8.55	<5	650	1.1	<2	3.09	<0.5	19	89	64
C035802		1.16	NSS	NSS	NSS	<0.5	9.72	13	470	0.9	<2	2.65	<0.5	28	90	101
C035355		0.38	<0.001	<0.005	<0.001	<0.5	8.61	23	510	0.9	<2	3.02	<0.5	20	62	77
C035356		0.32	0.001	<0.005	0.001	<0.5	8.28	<5	580	0.9	<2	3.25	<0.5	20	111	63
C035357		0.32	0.001	<0.005	<0.001	<0.5	8.30	8	550	0.9	<2	4.05	<0.5	21	106	80
C035358		0.32	0.002	<0.005	0.001	<0.5	8.33	18	590	0.9	<2	3.36	<0.5	22	114	94

Comments: NSS is non-sufficient sample.

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Finalized Date: 7-OCT-2006
Account: UZJ

Project: 505 (PICK)

CERTIFICATE OF ANALYSIS VA06095041

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
TC035291		5.24	10	1.62	20	1.65	1215	4	1.93	53	890	16	0.04	8	22	421
TC035292		5.84	20	1.61	10	2.01	1195	4	1.38	51	740	11	0.16	8	25	344
TC035293		6.01	20	1.72	10	2.08	1345	8	1.76	91	740	20	0.09	5	26	335
TC035294		5.89	10	1.48	20	2.16	1220	1	1.61	61	870	16	0.13	<5	28	297
TC035701		4.18	10	0.99	20	1.32	853	1	1.40	34	890	11	0.12	7	18	363
TC035702		4.97	10	1.33	20	1.71	1040	1	1.77	41	940	9	0.05	5	22	362
TC035703		5.37	10	1.35	20	1.67	1035	1	1.45	34	930	11	0.11	8	25	352
TC035704		6.16	10	1.04	10	2.46	1095	<1	1.76	46	860	5	0.11	<5	30	436
TC035705		3.16	10	1.23	20	1.36	939	<1	1.60	125	810	11	0.07	<5	11	341
TC035706		3.23	10	1.11	10	1.44	674	<1	1.87	36	740	5	0.05	<5	15	328
TC035753		4.51	10	1.23	20	1.57	933	1	1.53	40	840	9	0.18	8	19	311
TC035754		4.77	10	1.45	20	1.92	744	<1	1.26	55	840	10	0.18	<5	20	265
TC035755		5.95	10	1.31	10	3.55	969	1	1.41	206	790	7	0.18	<5	24	305
TC035756		4.99	10	0.99	10	3.24	1505	1	1.48	156	830	6	0.07	<5	21	273
TC035757		3.91	10	0.97	10	1.69	816	1	1.63	56	840	12	0.06	<5	16	300
TC035758		3.71	10	1.03	10	1.84	1185	<1	1.80	64	720	10	0.04	5	17	316
TC035759		4.09	10	1.21	20	1.92	758	<1	2.12	48	570	9	0.03	<5	20	371
TC035760		3.41	10	1.03	10	1.35	717	1	1.64	36	850	9	0.07	<5	14	294
C035801		3.67	10	1.44	20	1.37	985	7	2.35	68	830	12	0.04	<5	14	639
C035802		6.16	20	1.39	10	1.56	1215	5	1.29	58	860	14	0.12	<5	26	391
C035355		5.02	10	1.46	10	1.57	986	1	1.59	36	870	8	0.08	<5	21	415
C035356		4.78	10	1.33	20	1.97	953	<1	1.94	47	700	8	0.04	5	22	355
C035357		4.89	10	1.35	20	1.91	955	1	1.71	61	780	7	0.07	<5	23	367
C035358		4.88	10	1.33	20	2.00	1000	1	1.74	71	870	12	0.08	6	22	354

Comments: NSS is non-sufficient sample.

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LAVAL QC H7L 5A7

Finalized Date: 7-OCT-2006
Account: UZJ

Project: 505 (PICK)

CERTIFICATE OF ANALYSIS VA06095041

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	S-IR08
	Analyte	Th	Ti	Tl	U	V	W	Zn	S
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.01
TC035291		<20	0.48	<10	<10	166	<10	122	0.05
TC035292		<20	0.47	<10	<10	207	10	122	0.20
TC035293		<20	0.42	<10	<10	202	<10	175	0.11
TC035294		<20	0.50	<10	<10	209	<10	175	0.12
TC035701		<20	0.41	<10	<10	127	<10	92	0.10
TC035702		<20	0.51	<10	<10	168	<10	116	0.06
TC035703		<20	0.58	<10	<10	195	10	106	0.09
TC035704		<20	0.62	<10	<10	233	<10	123	0.09
TC035705		<20	0.33	<10	<10	92	<10	98	0.06
TC035706		<20	0.45	<10	<10	120	<10	88	0.04
TC035753		<20	0.46	<10	<10	153	10	99	0.14
TC035754		<20	0.43	<10	<10	156	<10	163	0.20
TC035755		<20	0.47	<10	<10	184	<10	144	0.13
TC035756		<20	0.41	<10	<10	161	<10	96	0.06
TC035757		<20	0.45	<10	<10	132	<10	110	0.04
TC035758		<20	0.46	10	<10	130	<10	92	0.04
TC035759		<20	0.53	<10	<10	151	<10	99	0.03
TC035760		<20	0.39	<10	<10	118	10	89	0.07
C035801		<20	0.36	<10	10	106	<10	95	0.04
C035802		<20	0.52	<10	<10	223	<10	97	0.12
C035355		<20	0.43	<10	<10	182	10	101	0.09
C035356		<20	0.54	<10	10	172	<10	102	0.04
C035357		<20	0.52	<10	<10	175	<10	105	0.06
C035358		<20	0.50	10	<10	173	10	114	0.06

Comments: NSS is non-sufficient sample.

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LAVAL QC H7L 5A7

Finalized Date: 9-OCT-2006
Account: UZJ

CERTIFICATE VA06095049

Project: 505 (PICK)

P.O. No.:

This report is for 1 Rock sample submitted to our lab in Vancouver, BC, Canada on 5-SEP-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

SAMPLE PREPARATION

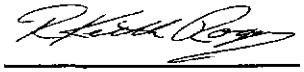
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ni-AA61	Trace Ni - four-acid digestion	AAS
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Co-AA61	Trace Co - four-acid digestion	AAS
Cr-AA61	Trace Cr - four-acid digestion	AAS
Cu-AA61	Trace Cu - four-acid digestion	AAS
V-AA61	Trace V - four-acid digestion	AAS
As-AA61	Trace As - four acid digestion	AAS
S-IR08	Total Sulphur (Leco)	LECO

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

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: 9-OCT-2006
Account: UZJ

Project: 505 (PICK)

CERTIFICATE OF ANALYSIS VA06095049

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	Ni-AA61	Co-AA61	Cr-AA61	Cu-AA61	V-AA61	As-AA61	S-IR08
	Analyte	Recvd Wt.	Au	Pt	Pd	Ni	Co	Cr	Cu	V	As	S
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.005	0.001	5	5	2	2	5	5	0.01
276773		1.32	<0.001	<0.005	0.001	30	9	82	761	130	<5	0.03

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LAVAL QC H7L 5A7

Finalized Date: 8-OCT-2006
Account: UZJ

CERTIFICATE VA06095044

Project: 505 (PICK)

P.O. No.:

This report is for 11 Rock samples submitted to our lab in Vancouver, BC, Canada on 5-SEP-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

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-XRF06	Whole Rock Package - XRF	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
S-IR08	Total Sulphur (Leco)	LECO

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
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LAVAL QC H7L 5A7

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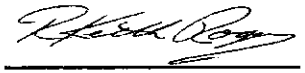
Signature: 
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Project: 505 (PICK)

CERTIFICATE OF ANALYSIS VA06095044

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Recvd Wt.	Au	Pt	Pd	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1
276770		0.66	0.002	<0.005	<0.001	<1	350	25.0	38.6	10	0.39	94	4.09	2.58	1.39	16.9
276771		0.92	<0.001	<0.005	<0.001	<1	387	26.2	37.6	10	0.46	99	4.21	2.48	1.32	18.8
276772		0.70	<0.001	<0.005	0.001	<1	736	35.5	36.6	50	1.04	116	4.00	2.48	1.48	19.4
276774		0.72	0.001	0.023	0.029	<1	29.0	4.6	156.5	6460	0.35	136	0.86	0.46	0.27	5.5
276775		0.86	0.004	0.032	0.056	<1	23.3	5.7	155.5	4930	0.13	201	0.97	0.51	0.20	4.4
276776		0.50	<0.001	<0.005	0.002	<1	459	26.9	50.5	150	3.36	89	4.12	2.49	1.55	19.3
276777		1.08	<0.001	<0.005	<0.001	<1	170.0	29.6	42.2	40	0.86	53	4.11	2.42	1.36	16.9
276778		1.30	0.001	<0.005	<0.001	<1	367	24.0	43.4	30	1.20	83	3.95	2.39	1.29	16.5
276805		0.60	0.027	0.018	0.027	<1	8.8	5.3	118.0	5510	0.44	173	1.19	0.78	0.05	6.2
276806		0.86	0.002	<0.005	0.006	<1	617	14.9	47.7	200	0.39	183	4.40	2.55	1.13	20.9
276807		0.58	<0.001	0.005	0.018	<1	3020	6.6	51.0	240	0.19	43	2.69	1.90	0.52	14.6

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LAVAL QC H7L 5A7

Finalized Date: 8-OCT-2006
Account: UZJ

Project: 505 (PICK)

CERTIFICATE OF ANALYSIS VA06095044

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	Gd	Hf	Ho	La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	0.01	0.5	0.01	2	0.2	0.1	5	5	0.03	0.2	0.03	1	0.1
276770		4.43	1.5	0.88	10.2	0.35	<2	2.5	16.8	13	<5	3.64	30.9	4.32	1	485
276771		4.62	1.6	0.87	10.9	0.37	<2	2.5	17.5	12	<5	3.72	50.9	4.40	1	512
276772		4.85	2.1	0.83	15.6	0.33	<2	3.9	19.9	23	14	4.61	72.6	4.93	1	528
276774		0.70	0.7	0.15	1.9	0.05	<2	1.5	2.6	1560	<5	0.58	3.4	0.64	1	17.3
276775		1.02	0.7	0.19	2.3	0.08	<2	1.9	3.8	1550	<5	0.73	3.1	0.81	1	10.4
276776		4.70	1.8	0.83	11.4	0.37	<2	3.1	18.3	63	<5	3.82	106.5	4.47	1	395
276777		4.74	1.6	0.85	12.3	0.34	<2	3.5	18.4	36	<5	4.17	20.3	4.67	1	507
276778		4.36	1.7	0.81	10.0	0.35	<2	2.8	16.4	20	<5	3.49	37.7	4.18	1	579
276805		1.25	0.8	0.27	2.5	0.09	<2	1.4	3.3	1590	5	0.73	1.4	0.93	1	9.9
276806		3.60	2.0	0.85	6.5	0.29	<2	4.5	9.7	70	<5	2.04	9.9	2.80	1	505
276807		1.76	0.9	0.59	3.2	0.30	<2	1.1	4.2	122	5	0.88	1.5	1.38	1	720

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Finalized Date: 8-OCT-2006
Account: UZJ

Project: 505 (PICK)

CERTIFICATE OF ANALYSIS VA06095044

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-XRF06	ME-XRF06	ME-XRF06
	Analyte	Ta	Tb	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr	SiO2	Al2O3	Fe2O3
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	0.01	0.05	0.5	0.01	0.05	5	1	0.5	0.03	5	2	0.01	0.01	0.01
276770		0.1	0.71	0.96	<0.5	0.37	0.40	276	14	21.7	2.42	102	49	46.17	19.02	12.05
276771		0.2	0.73	1.00	<0.5	0.38	0.34	299	6	21.1	2.31	107	52	45.54	20.18	12.06
276772		0.2	0.72	2.54	<0.5	0.34	0.89	249	6	20.6	2.02	104	78	48.49	19.95	10.46
276774		0.1	0.12	0.29	<0.5	0.06	0.17	46	6	3.9	0.49	93	26	35.89	3.54	15.56
276775		0.1	0.15	0.35	<0.5	0.06	0.15	57	2	4.9	0.34	88	28	35.29	2.18	15.00
276776		0.2	0.79	1.43	<0.5	0.35	0.42	409	5	22.5	2.18	104	63	45.09	17.52	13.07
276777		0.2	0.68	1.65	<0.5	0.34	0.65	306	4	20.7	2.14	109	60	47.71	18.70	10.92
276778		0.2	0.69	1.24	<0.5	0.32	0.83	324	2	20.3	2.28	104	57	49.86	18.41	11.37
276805		0.1	0.19	0.31	<0.5	0.09	0.15	139	12	6.2	0.59	80	32	45.46	3.93	13.08
276806		0.3	0.64	1.09	<0.5	0.33	0.50	339	3	22.5	2.25	92	75	48.31	15.46	11.64
276807		0.1	0.35	0.53	<0.5	0.29	0.23	274	6	15.2	1.88	82	34	46.26	15.63	11.34

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LAVAL QC H7L 5A7

Finalized Date: 8-OCT-2006
Account: UZJ

Project: 505 (PICK)

CERTIFICATE OF ANALYSIS VA06095044

Sample Description	Method	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	S-IR08
	Analyte	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total	S
	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
276770		5.55	4.93	4.27	1.64	<0.01	1.16	0.22	0.31	0.05	0.04	4.36	99.77	0.01
276771		4.11	5.36	3.86	2.05	<0.01	1.21	0.23	0.24	0.06	0.04	4.95	99.89	0.01
276772		5.26	4.13	3.40	3.10	<0.01	0.97	0.19	0.42	0.06	0.09	3.06	99.58	0.01
276774		2.15	30.26	0.31	0.13	0.69	0.29	0.19	0.05	<0.01	<0.01	10.25	99.30	0.11
276775		1.08	33.00	0.33	0.11	0.53	0.30	0.21	0.06	<0.01	<0.01	11.10	99.19	0.11
276776		7.21	6.06	1.36	3.70	0.01	1.22	0.23	0.37	0.04	0.05	3.71	99.65	0.01
276777		5.67	5.19	4.75	0.81	<0.01	1.00	0.20	0.40	0.06	0.02	4.24	99.68	0.01
276778		4.24	4.95	4.79	1.41	0.04	1.10	0.19	0.37	0.06	0.05	3.02	99.85	0.01
276805		0.47	28.09	0.26	0.05	0.62	0.41	0.09	0.03	<0.01	<0.01	7.34	99.85	1.61
276806		6.53	7.80	3.89	0.76	0.03	1.18	0.17	0.16	0.06	0.06	3.44	99.48	0.53
276807		13.13	6.83	2.33	0.10	0.03	0.47	0.19	0.10	0.07	0.29	3.15	99.91	0.19

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LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

OCT - 2 2006

CERTIFICATE VA06083054

Project: Canalask

P.O. No.: YK-001

This report is for 141 Soil samples submitted to our lab in Vancouver, BC, Canada on 28-AUG-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
S-IR08	Total Sulphur (Leco)	LECO
ME-ICP61	27 element four acid ICP-AES	ICP-AES

OCT - 2 2006

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: CHRIS COCKBURN
3296, AVE FRANCIS-HUGHES
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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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Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	S-IR08 S % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1
SC276701		0.50	0.005	<0.005	0.004	0.02	<0.5	7.80	17	550	1.0	<2	2.61	<0.5	27	300
SC276702		0.52	0.003	<0.005	0.007	0.02	<0.5	7.46	17	560	1.0	<2	2.61	<0.5	33	251
SC276703		0.56	0.003	<0.005	0.010	0.03	<0.5	7.56	14	600	1.0	<2	2.74	<0.5	36	296
SC276704		0.40	0.005	0.009	0.002	0.02	<0.5	7.54	13	600	1.1	<2	2.88	<0.5	22	132
SC276705		0.44	0.020	0.006	0.006	0.05	<0.5	7.30	39	410	0.7	<2	2.84	<0.5	27	292
SC276706		0.68	0.012	<0.005	0.003	0.01	<0.5	6.90	13	520	0.9	<2	2.69	<0.5	16	170
SC276707		0.50	0.002	<0.005	0.002	0.03	<0.5	6.69	11	490	0.9	<2	3.21	<0.5	22	158
SC276708		0.50	0.002	<0.005	0.001	0.03	<0.5	6.22	18	520	0.9	<2	7.09	<0.5	16	73
SC276709		0.46	0.005	<0.005	0.001	0.02	<0.5	7.57	<5	640	1.1	<2	2.72	<0.5	17	97
SC276710		0.26	0.002	<0.005	0.002	0.05	<0.5	5.97	10	620	0.9	<2	2.43	<0.5	17	69
SC276711		0.48	<0.001	<0.005	<0.001	<0.01	<0.5	7.91	7	590	1.2	<2	2.34	<0.5	17	89
SC276712		0.46	0.002	<0.005	0.001	0.01	<0.5	7.77	18	570	1.2	<2	2.23	<0.5	20	121
SC276713		0.58	0.006	<0.005	0.004	0.02	<0.5	7.30	14	660	1.2	<2	2.76	<0.5	20	123
SC276714		0.46	0.003	<0.005	0.002	0.01	<0.5	7.81	19	650	1.1	<2	2.43	<0.5	23	129
SC276715		0.42	0.001	<0.005	0.001	0.01	<0.5	7.77	15	600	1.1	<2	2.22	<0.5	17	116
SC276716		0.72	<0.001	<0.005	0.005	0.01	<0.5	7.58	5	570	1.1	<2	2.30	<0.5	25	277
SC276717		0.64	0.001	<0.005	0.003	0.02	<0.5	6.54	18	510	1.0	<2	2.55	<0.5	21	125
SC276718		0.48	0.003	0.008	0.005	0.02	<0.5	6.59	16	500	0.9	<2	3.13	<0.5	20	177
SC276719		0.42	0.001	<0.005	0.006	0.04	<0.5	5.92	6	480	0.9	<2	3.02	<0.5	21	154
SC276720		0.60	0.006	<0.005	0.009	0.02	<0.5	7.19	11	630	1.1	<2	2.71	<0.5	23	168
SC276721		0.70	0.004	<0.005	0.003	0.01	13.5	7.33	9	580	1.1	<2	2.70	<0.5	21	173
SC276722		0.38	0.003	<0.005	0.003	0.03	<0.5	4.13	7	490	0.7	<2	3.53	<0.5	8	56
SC276723		0.70	0.037	<0.005	0.002	0.03	<0.5	7.64	56	740	1.0	<2	2.40	<0.5	28	195
SC276724		0.50	0.001	<0.005	0.002	0.01	<0.5	7.61	14	610	1.2	<2	2.36	<0.5	20	119
SC276725		0.58	0.004	<0.005	0.001	0.02	<0.5	6.87	16	650	1.1	<2	2.62	<0.5	20	112
SC276726		0.54	0.003	<0.005	0.003	0.03	<0.5	6.83	9	620	1.0	<2	2.53	<0.5	20	123
SC276727		0.48	0.003	<0.005	0.001	0.04	<0.5	6.91	8	540	1.0	<2	2.58	<0.5	21	128
SC276728		0.58	0.004	<0.005	0.003	0.03	<0.5	6.93	14	570	1.0	<2	2.52	<0.5	18	110
SC276729		0.72	0.003	<0.005	0.002	0.01	2.0	7.24	13	560	1.1	<2	2.45	<0.5	18	138
SC276730		0.56	0.002	<0.005	0.002	<0.01	<0.5	7.81	15	600	1.2	<2	2.46	<0.5	20	126
SC276731		0.60	0.005	<0.005	0.006	0.02	<0.5	7.00	8	560	1.0	<2	2.43	<0.5	29	375
SC276732		0.48	0.002	<0.005	0.004	0.01	<0.5	7.17	7	590	1.1	<2	2.52	<0.5	15	152
SC276733		0.56	0.003	<0.005	0.006	0.04	<0.5	6.03	16	450	0.8	<2	3.02	<0.5	18	223
SC276734		0.54	0.002	<0.005	0.003	0.02	<0.5	7.28	15	610	1.1	<2	3.02	<0.5	21	147
SC276735		0.66	0.004	0.007	0.003	0.03	<0.5	6.74	<5	500	1.0	<2	3.45	<0.5	19	156
SC276736		0.54	<0.001	<0.005	0.001	0.01	<0.5	7.71	10	510	1.1	<2	2.72	<0.5	20	137
SC276737		0.48	0.004	<0.005	0.001	0.31	<0.5	7.13	8	530	1.0	<2	2.89	<0.5	20	124
SC276738		0.70	0.003	<0.005	0.001	0.21	<0.5	7.99	13	630	1.3	<2	2.90	<0.5	22	133
SC276740		0.30	0.002	0.028	<0.001	0.51	<0.5	4.35	12	420	0.8	<2	3.29	<0.5	12	55
SC276741		0.40	<0.001	<0.005	<0.001	0.45	<0.5	4.97	7	450	0.8	<2	3.03	<0.5	10	58

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V
	Units	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1
SC276701		71	5.40	1.03	2.61	812	3	2.02	187	480	11	0.01	<5	315	0.52	165
SC276702		127	5.61	0.91	2.31	1310	3	1.61	259	760	10	0.03	5	275	0.48	159
SC276703		84	4.99	0.95	2.50	878	2	1.74	284	840	8	0.03	<5	296	0.53	154
SC276704		56	4.56	0.94	1.42	907	2	1.87	73	770	7	0.03	<5	338	0.56	148
SC276705		74	5.20	1.11	2.27	927	3	1.26	158	650	7	0.10	<5	249	0.45	168
SC276706		63	4.32	1.15	1.94	785	1	2.07	57	680	6	0.02	<5	280	0.48	156
SC276707		44	4.60	0.95	1.82	890	1	1.75	62	730	12	0.04	<5	278	0.52	142
SC276708		60	4.13	1.07	1.23	1155	1	1.28	37	530	12	0.07	<5	247	0.37	110
SC276709		60	4.46	1.05	1.35	941	1	1.90	41	670	10	0.04	<5	322	0.52	137
SC276710		56	3.55	0.90	0.83	800	1	1.53	27	1110	9	0.08	<5	301	0.39	92
SC276711		30	4.37	1.21	1.27	599	1	2.18	37	270	10	0.01	<5	379	0.55	131
SC276712		62	5.23	0.87	1.39	611	2	1.79	51	370	10	0.01	<5	284	0.61	161
SC276713		104	4.59	0.94	1.45	817	1	1.75	61	850	7	0.03	<5	290	0.54	145
SC276714		56	4.97	0.93	1.62	803	1	1.91	60	500	8	0.01	<5	292	0.58	158
SC276715		41	4.94	0.94	1.37	638	1	1.83	44	310	8	0.01	<5	289	0.62	158
SC276716		78	5.28	1.12	2.61	831	<1	1.84	165	590	9	0.01	<5	257	0.53	166
SC276717		73	4.02	0.95	1.27	712	1	1.67	93	710	14	0.04	<5	295	0.51	123
SC276718		73	4.00	0.91	1.73	748	1	1.64	120	1000	10	0.08	<5	310	0.48	125
SC276719		70	3.87	0.82	1.50	1135	<1	1.42	108	1020	9	0.07	<5	278	0.43	115
SC276720		84	4.50	1.02	1.54	957	1	1.83	134	640	11	0.04	<5	322	0.51	132
SC276721		91	4.74	1.03	2.04	847	1	1.88	95	800	12	0.02	<5	292	0.54	149
SC276722		86	2.39	0.63	0.70	1065	1	1.11	27	930	6	0.15	<5	259	0.30	65
SC276723		83	5.75	1.53	2.20	1045	3	1.81	81	370	23	0.04	<5	256	0.54	186
SC276724		45	4.82	1.03	1.26	729	1	1.90	45	610	9	0.02	<5	315	0.61	151
SC276725		66	4.27	0.99	1.32	1210	<1	1.69	52	920	12	0.05	<5	296	0.52	133
SC276726		48	4.10	1.04	1.62	757	1	1.60	55	870	9	0.05	<5	266	0.53	129
SC276727		47	4.66	0.95	1.58	966	1	1.70	52	900	6	0.06	<5	282	0.54	147
SC276728		61	4.32	0.96	1.42	997	<1	1.72	47	1030	31	0.05	<5	293	0.52	129
SC276729		74	4.40	1.06	1.60	926	1	1.86	60	650	7	0.03	<5	291	0.54	149
SC276730		47	5.11	0.95	1.50	688	1	1.87	54	430	8	0.02	<5	295	0.60	154
SC276731		82	5.38	1.05	3.18	953	<1	1.86	295	520	7	0.01	<5	253	0.51	161
SC276732		61	3.98	1.10	1.21	677	1	1.96	79	470	12	0.02	<5	335	0.59	133
SC276733		50	4.03	0.95	2.12	735	<1	1.67	106	850	7	0.09	<5	274	0.45	125
SC276734		63	4.46	1.07	1.63	953	1	1.90	69	810	9	0.04	<5	328	0.52	138
SC276735		76	4.18	0.98	1.94	598	1	1.84	81	770	15	0.07	<5	305	0.47	133
SC276736		55	4.90	0.95	1.72	671	<1	1.98	63	320	10	0.01	<5	314	0.54	154
SC276737		45	4.58	0.96	1.63	960	1	1.86	49	930	12	0.05	<5	317	0.54	142
SC276738		106	5.09	1.02	1.65	828	1	1.93	67	730	10	0.02	<5	322	0.63	155
SC276740		70	2.55	0.58	0.74	909	1	1.10	34	1060	2	0.13	<5	246	0.30	65
SC276741		30	2.44	0.84	0.75	592	<1	1.39	21	930	3	0.12	<5	293	0.34	75

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3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
SC276701		<10	91
SC276702		<10	92
SC276703		<10	105
SC276704		<10	84
SC276705		<10	98
SC276706		<10	79
SC276707		<10	120
SC276708		10	125
SC276709		<10	115
SC276710		<10	54
SC276711		<10	69
SC276712		<10	83
SC276713		<10	97
SC276714		<10	105
SC276715		<10	83
SC276716		<10	104
SC276717		<10	111
SC276718		<10	91
SC276719		<10	83
SC276720		<10	80
SC276721		<10	98
SC276722		<10	58
SC276723		<10	214
SC276724		<10	105
SC276725		<10	91
SC276726		<10	276
SC276727		<10	106
SC276728		<10	126
SC276729		<10	94
SC276730		<10	85
SC276731		<10	90
SC276732		<10	100
SC276733		<10	102
SC276734		<10	98
SC276735		<10	124
SC276736		<10	81
SC276737		<10	179
SC276738		<10	107
SC276740		<10	60
SC276741		<10	53

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CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	S-IR08	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Pt	Pd	S	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr
	Units	kg	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1
SC276742		0.38	0.008	<0.005	<0.001	0.20	<0.5	7.71	11	550	1.3	2	2.21	<0.5	19	84
SC276901		0.50	0.004	<0.005	0.001	0.14	<0.5	7.31	23	540	1.2	<2	2.85	<0.5	26	181
SC276902		0.52	0.007	0.019	0.021	0.34	<0.5	6.50	17	540	1.0	<2	2.42	0.6	27	190
SC276903		0.20	0.001	<0.005	0.002	0.41	<0.5	5.25	6	460	0.8	<2	2.23	<0.5	10	81
SC276904		0.34	0.001	<0.005	0.001	0.18	<0.5	7.04	22	520	0.9	<2	2.19	<0.5	22	131
SC276905		0.44	0.003	<0.005	<0.001	0.14	<0.5	7.21	22	530	1.1	<2	1.88	<0.5	21	139
SC276906		0.32	0.001	<0.005	0.001	0.15	<0.5	7.29	23	580	1.0	<2	2.11	<0.5	21	123
SC276907		0.34	0.002	<0.005	0.002	0.25	<0.5	6.75	20	530	1.0	<2	2.51	<0.5	19	129
SC276908		0.36	0.006	<0.005	0.002	0.20	<0.5	6.93	15	560	1.1	<2	2.65	<0.5	20	128
SC276909		0.40	0.002	<0.005	0.003	0.25	<0.5	7.11	12	550	1.0	<2	2.67	<0.5	16	127
SC276910		0.10	0.006	<0.005	0.001	0.49	<0.5	4.54	13	450	0.8	<2	2.73	<0.5	20	66
SC276911		0.58	0.002	<0.005	0.002	0.23	<0.5	7.16	17	580	1.1	<2	2.36	<0.5	21	132
SC276912		0.54	0.004	<0.005	0.006	0.13	<0.5	7.31	10	550	1.0	<2	2.61	<0.5	24	161
SC276913		0.44	0.003	<0.005	0.002	0.16	<0.5	7.49	18	570	1.1	<2	2.68	<0.5	17	141
SC276914		0.54	0.002	<0.005	0.003	0.26	<0.5	6.97	23	560	1.0	<2	2.71	<0.5	22	142
SC276915		0.48	0.002	<0.005	0.001	0.19	<0.5	7.43	23	540	1.1	<2	2.49	<0.5	22	150
SC276916		0.54	0.002	<0.005	0.001	0.15	0.6	7.82	18	560	1.2	<2	2.27	<0.5	22	139
SC276917		0.34	0.002	<0.005	0.002	0.19	<0.5	7.15	13	580	1.1	<2	2.82	<0.5	20	140
SC276918		0.50	0.001	<0.005	0.003	0.26	<0.5	6.82	14	550	1.0	<2	2.45	<0.5	14	94
SC276919		0.44	0.003	<0.005	<0.001	0.21	<0.5	7.29	22	570	1.2	<2	2.54	<0.5	21	113
SC276920		0.38	0.004	<0.005	0.001	0.13	<0.5	7.22	7	580	1.1	<2	2.56	<0.5	18	115
SC276921		0.22	0.004	<0.005	0.004	0.33	<0.5	6.18	7	490	0.9	<2	3.14	<0.5	12	80
SC276922		0.56	0.004	<0.005	0.003	0.19	<0.5	7.51	18	560	1.0	<2	2.43	<0.5	24	161
SC276923		0.64	0.002	<0.005	0.004	0.31	<0.5	6.98	18	690	1.1	<2	3.06	<0.5	20	120
SC276924		0.22	0.004	<0.005	0.003	0.13	<0.5	8.09	18	610	1.2	<2	2.46	<0.5	23	181
SC276926		0.20	0.002	<0.005	0.002	0.29	<0.5	6.56	13	550	0.9	<2	2.74	0.5	18	113
SC276927		0.54	0.003	<0.005	0.004	0.24	<0.5	7.44	16	630	1.1	<2	2.67	<0.5	21	136
SC276928		0.52	0.003	0.006	0.003	0.27	<0.5	6.68	19	530	1.0	<2	2.71	<0.5	23	145
SC276929		0.36	0.002	<0.005	<0.001	0.25	<0.5	7.06	26	450	1.0	<2	2.41	<0.5	18	120
SC276930		0.22	<0.001	<0.005	0.001	0.17	<0.5	7.06	9	620	1.1	<2	2.64	<0.5	16	94
SC276931		0.24	0.003	<0.005	<0.001	0.16	<0.5	7.60	28	500	1.0	<2	1.67	<0.5	19	123
SC276932		0.38	0.002	<0.005	0.002	0.19	<0.5	7.53	16	640	1.1	<2	2.63	<0.5	18	129
SC276933		0.52	0.011	0.006	0.010	0.04	<0.5	7.27	21	570	1.0	<2	2.57	<0.5	33	408
SC276934		0.24	<0.001	<0.005	<0.001	0.05	<0.5	5.77	14	470	0.8	<2	2.50	<0.5	16	104
SC276935		0.40	0.002	0.005	<0.001	<0.01	<0.5	7.21	12	610	1.1	<2	2.20	<0.5	11	75
SC276936		0.60	0.005	<0.005	0.004	0.03	<0.5	7.52	23	620	1.1	<2	2.93	<0.5	22	126
SC276937		0.64	0.004	<0.005	0.002	0.02	<0.5	7.86	23	610	1.2	<2	2.96	<0.5	21	135
SC276938		0.52	0.004	<0.005	<0.001	0.03	<0.5	6.94	15	590	1.1	<2	2.91	<0.5	17	106
SC276939		0.32	0.001	<0.005	0.001	0.02	<0.5	7.22	13	560	1.0	<2	2.41	<0.5	13	102
SC276940		0.34	0.002	<0.005	<0.001	0.01	<0.5	7.38	16	590	1.0	2	2.62	<0.5	16	110

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V
	Units	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1
SC276742		66	4.77	1.14	1.30	899	2	1.34	38	680	7	0.04	<5	237	0.47	133
SC276901		138	5.49	1.01	2.18	856	1	1.90	98	360	20	0.02	<5	326	0.52	164
SC276902		110	4.26	0.98	2.42	734	1	1.66	206	750	13	0.09	<5	284	0.45	137
SC276903		42	3.06	0.80	0.90	469	2	1.33	34	1070	8	0.10	<5	275	0.37	95
SC276904		44	4.86	0.88	1.44	664	2	1.69	55	400	14	0.03	<5	292	0.52	158
SC276905		46	4.63	0.85	1.50	746	2	1.62	63	250	14	0.01	<5	264	0.48	164
SC276906		40	4.82	0.91	1.41	843	2	1.78	50	410	12	0.02	<5	308	0.54	157
SC276907		62	4.09	0.90	1.64	684	1	1.61	66	860	10	0.04	<5	297	0.45	135
SC276908		51	4.14	1.03	1.68	1075	1	1.85	62	880	8	0.03	<5	339	0.45	135
SC276909		35	4.38	0.94	1.60	508	<1	1.75	44	540	12	0.05	<5	314	0.51	147
SC276910		49	3.36	0.65	0.82	3660	2	1.10	38	1200	7	0.12	<5	263	0.29	83
SC276911		63	4.58	1.00	1.64	741	1	1.77	60	810	10	0.03	<5	308	0.48	147
SC276912		115	4.74	1.08	2.12	859	<1	1.87	91	770	8	0.02	<5	298	0.49	163
SC276913		50	4.17	1.02	1.75	617	<1	1.87	58	650	12	0.03	<5	322	0.54	159
SC276914		71	4.43	0.92	1.63	1025	1	1.73	63	840	8	0.04	<5	316	0.50	152
SC276915		54	4.87	1.01	1.76	767	1	1.90	68	450	12	0.02	<5	320	0.54	165
SC276916		58	5.24	0.86	1.50	706	2	1.90	68	400	11	0.01	<5	327	0.58	168
SC276917		87	4.59	0.90	1.61	916	1	1.68	62	890	17	0.04	<5	314	0.54	147
SC276918		61	3.83	1.04	1.27	596	1	1.82	42	530	12	0.03	<5	354	0.46	123
SC276919		121	4.62	0.94	1.53	891	1	1.71	59	740	13	0.03	<5	326	0.46	137
SC276920		73	4.40	0.96	1.49	949	1	1.80	55	750	13	0.02	<5	340	0.50	139
SC276921		73	3.12	0.87	0.94	488	1	1.61	30	570	9	0.06	<5	358	0.41	97
SC276922		73	4.79	0.99	1.83	828	1	1.75	65	840	11	0.04	<5	300	0.52	162
SC276923		100	4.49	0.89	1.42	810	1	1.60	67	830	12	0.05	<5	310	0.46	140
SC276924		102	4.95	1.09	1.99	845	2	1.89	88	720	12	0.02	<5	310	0.55	171
SC276926		47	3.76	0.88	1.48	689	<1	1.63	54	880	11	0.05	<5	310	0.45	130
SC276927		94	4.55	0.98	1.66	1245	1	1.84	72	800	13	0.03	<5	338	0.50	146
SC276928		79	4.51	0.88	1.70	1130	1	1.73	79	820	13	0.04	<5	300	0.45	140
SC276929		45	4.84	0.77	1.17	562	4	1.55	63	410	56	0.04	<5	274	0.47	139
SC276930		41	3.90	1.08	1.18	1075	2	1.92	34	960	10	0.02	<5	387	0.49	121
SC276931		51	6.07	0.82	1.16	467	3	1.70	49	410	18	0.02	<5	264	0.68	211
SC276932		57	4.25	1.02	1.46	819	1	1.92	65	580	12	0.02	<5	370	0.51	134
SC276933		104	5.58	0.93	3.40	933	<1	1.91	274	660	14	0.01	<5	302	0.53	165
SC276934		48	3.50	0.86	1.39	719	1	1.40	49	910	10	0.07	5	262	0.40	119
SC276935		37	3.64	1.15	1.02	491	1	2.00	30	300	10	0.01	<5	396	0.45	110
SC276936		63	4.79	1.04	1.70	853	1	1.86	57	740	9	0.03	<5	335	0.52	150
SC276937		72	4.65	1.09	1.64	791	2	1.97	55	790	9	0.03	<5	359	0.57	161
SC276938		100	4.34	1.03	1.35	991	1	1.69	53	1020	9	0.07	<5	348	0.45	130
SC276939		43	4.29	1.02	1.07	478	2	1.97	35	360	6	0.02	<5	348	0.54	127
SC276940		41	4.26	1.08	1.23	593	1	2.05	42	400	8	0.02	<5	372	0.52	124

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3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
SC276742		<10	71
SC276901		<10	151
SC276902		<10	109
SC276903		<10	75
SC276904		<10	101
SC276905		<10	121
SC276906		<10	99
SC276907		<10	95
SC276908		<10	94
SC276909		<10	85
SC276910		<10	97
SC276911		<10	88
SC276912		<10	112
SC276913		<10	91
SC276914		<10	99
SC276915		<10	99
SC276916		<10	114
SC276917		<10	104
SC276918		<10	77
SC276919		<10	86
SC276920		<10	94
SC276921		<10	59
SC276922		<10	115
SC276923		<10	78
SC276924		<10	105
SC276926		<10	86
SC276927		<10	95
SC276928		<10	98
SC276929		<10	123
SC276930		<10	106
SC276931		<10	118
SC276932		<10	85
SC276933		<10	107
SC276934		<10	85
SC276935		<10	71
SC276936		<10	100
SC276937		<10	96
SC276938		<10	104
SC276939		<10	85
SC276940		<10	97

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CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	S-IR08 S % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1
SC276941		0.38	0.003	<0.005	<0.001	0.01	<0.5	7.09	11	550	1.0	<2	2.41	<0.5	15	115
SC276942		0.44	0.003	<0.005	<0.001	0.01	<0.5	7.29	13	570	0.9	<2	2.39	<0.5	15	121
SC276943		0.36	0.002	<0.005	<0.001	0.01	<0.5	7.15	19	560	1.0	<2	2.53	<0.5	17	101
SC276944		0.42	0.002	<0.005	0.002	0.01	<0.5	7.45	13	570	1.0	<2	2.73	<0.5	17	131
SC276945		0.58	0.003	<0.005	<0.001	0.01	<0.5	7.46	21	560	1.0	<2	2.34	<0.5	16	129
SC276946		0.32	0.003	<0.005	0.002	0.02	<0.5	7.41	12	690	1.1	<2	3.07	<0.5	11	65
SC276947		0.40	0.004	<0.005	0.001	0.01	<0.5	7.54	13	740	1.2	<2	2.61	<0.5	10	51
SC276948		0.42	0.001	0.009	0.003	0.03	0.8	7.07	19	670	1.1	<2	2.86	<0.5	13	69
SC276949		0.44	0.019	0.017	0.010	0.03	<0.5	6.61	30	500	0.9	<2	2.37	<0.5	50	591
SC276950		0.44	0.006	<0.005	0.007	0.03	<0.5	7.14	26	530	1.0	<2	2.36	<0.5	41	355
SC276951		0.56	0.011	0.013	0.012	0.02	<0.5	6.99	24	550	0.9	<2	2.54	0.5	56	706
SC276952		0.50	0.002	<0.005	0.001	0.02	<0.5	7.76	9	590	1.0	<2	2.56	<0.5	18	127
SC276953		0.54	0.005	<0.005	<0.001	0.01	<0.5	7.94	9	630	1.2	<2	2.47	<0.5	18	122
SC276954		0.44	<0.001	<0.005	<0.001	0.01	<0.5	8.23	16	650	1.3	<2	2.51	<0.5	20	123
SC276955		0.60	0.003	0.006	0.003	0.02	<0.5	8.14	15	640	1.2	<2	2.48	<0.5	18	113
SC276956		0.54	0.001	<0.005	<0.001	0.01	<0.5	8.09	15	640	1.2	<2	2.42	<0.5	15	104
SC276957		0.44	0.001	0.035	<0.001	0.03	<0.5	7.95	11	600	1.2	<2	2.18	<0.5	22	118
SC276958		0.42	<0.001	<0.005	0.001	0.02	<0.5	8.00	20	600	1.2	<2	2.19	<0.5	20	116
SC276959		0.44	0.001	<0.005	<0.001	0.01	<0.5	7.80	17	600	1.2	<2	2.20	<0.5	18	127
SC276960		0.56	0.004	<0.005	0.001	0.02	<0.5	8.12	20	630	1.1	<2	2.65	<0.5	20	149
SC276961		0.42	0.006	<0.005	0.002	0.01	<0.5	7.72	16	720	1.3	<2	2.47	<0.5	12	74
SC276962		0.38	0.007	0.006	0.015	0.04	<0.5	6.99	33	500	0.8	<2	2.44	<0.5	38	597
SC276963		0.56	0.008	0.007	0.017	0.04	<0.5	7.29	27	490	0.8	<2	2.36	<0.5	42	724
SC276964		0.60	0.006	0.011	0.014	0.03	<0.5	7.19	36	490	0.8	<2	2.24	<0.5	40	700
SC276965		0.62	0.021	0.011	0.014	0.04	<0.5	7.31	36	500	0.8	<2	2.38	<0.5	37	546
SC276966		0.50	0.003	<0.005	0.005	0.03	<0.5	7.02	13	540	0.9	<2	3.97	<0.5	20	147
SC276967		0.48	0.006	<0.005	0.007	0.06	<0.5	6.06	14	490	0.8	<2	3.87	<0.5	21	170
SC276968		0.42	0.003	<0.005	0.003	0.04	<0.5	7.32	15	540	0.9	<2	2.99	<0.5	15	214
SC276969		0.46	0.009	<0.005	0.003	0.19	<0.5	7.60	10	640	1.0	<2	2.68	0.6	23	139
SC276970		0.48	0.014	<0.005	0.002	0.28	<0.5	7.44	15	630	1.1	<2	2.66	<0.5	23	135
SC276971		0.48	0.018	<0.005	0.001	0.23	<0.5	7.86	23	620	1.0	<2	2.74	<0.5	27	154
SC276972		0.42	0.006	<0.005	0.003	0.21	<0.5	7.64	22	610	1.0	<2	2.62	<0.5	26	141
SC276973		0.42	0.004	<0.005	0.001	0.16	<0.5	8.34	13	730	1.3	<2	2.78	<0.5	23	137
SC276974		0.54	0.003	<0.005	0.002	0.10	<0.5	8.13	30	1090	1.2	<2	2.95	<0.5	32	201
SC276975		0.56	0.003	<0.005	0.005	0.22	<0.5	8.09	<5	620	1.0	<2	3.27	0.5	20	253
SC276976		0.44	0.004	<0.005	0.002	0.27	<0.5	7.76	11	590	1.0	<2	3.10	<0.5	22	179
SC276977		0.46	<0.001	<0.005	0.004	0.37	<0.5	6.93	<5	550	0.9	<2	3.31	<0.5	18	145
SC276978		0.52	0.003	<0.005	0.004	0.29	<0.5	8.06	<5	620	1.0	<2	3.28	<0.5	21	166
SC276979		0.38	0.002	<0.005	0.002	0.08	<0.5	8.08	<5	670	1.1	<2	3.04	<0.5	19	112
SC276980		0.76	0.003	<0.005	0.012	0.13	<0.5	7.72	13	500	1.0	<2	3.76	0.6	31	913

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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V
	Units	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1
SC276941		43	4.28	1.02	1.21	573	2	1.94	40	370	8	0.02	<5	335	0.56	136
SC276942		45	4.24	1.09	1.37	566	2	2.05	49	360	7	0.01	<5	343	0.51	129
SC276943		41	3.86	1.16	1.22	577	2	2.08	41	370	9	0.02	<5	379	0.49	118
SC276944		46	4.48	1.07	1.46	661	1	2.10	45	460	9	0.02	<5	350	0.58	142
SC276945		39	4.90	0.91	1.31	560	2	1.91	44	290	10	0.01	<5	313	0.60	147
SC276946		58	3.58	1.29	0.95	500	1	2.19	25	460	8	0.04	<5	440	0.42	85
SC276947		32	3.28	1.59	0.92	528	1	2.43	22	290	13	0.02	<5	486	0.40	83
SC276948		111	3.36	1.21	0.96	631	2	2.00	28	560	7	0.04	<5	420	0.41	91
SC276949		133	5.44	1.01	2.99	1375	1	1.46	404	600	13	0.04	<5	270	0.44	152
SC276950		103	5.43	1.09	2.13	1365	1	1.50	229	680	9	0.04	<5	264	0.45	162
SC276951		143	5.84	1.00	3.19	1555	1	1.55	435	670	11	0.04	<5	289	0.45	155
SC276952		54	4.55	1.10	1.71	674	1	2.02	73	410	11	0.02	<5	353	0.51	153
SC276953		58	4.55	1.16	1.62	625	1	2.12	70	350	15	0.02	<5	371	0.53	152
SC276954		67	4.81	1.13	1.46	683	1	2.08	82	370	11	0.01	<5	381	0.56	152
SC276955		58	4.64	1.19	1.57	663	1	2.18	80	350	11	0.01	<5	391	0.53	152
SC276956		47	4.26	1.26	1.48	586	1	2.26	58	330	10	0.01	<5	412	0.51	140
SC276957		63	4.85	0.95	1.48	821	2	1.87	53	400	11	0.02	<5	341	0.55	148
SC276958		51	4.78	1.01	1.49	713	2	1.92	52	350	13	0.01	<5	347	0.58	151
SC276959		51	4.76	0.97	1.52	731	1	1.86	48	380	9	0.01	5	329	0.58	150
SC276960		47	4.98	1.06	1.74	835	1	2.06	59	620	10	0.01	<5	348	0.55	169
SC276961		38	3.37	1.45	1.03	777	1	2.34	25	460	10	0.02	<5	474	0.44	101
SC276962		88	5.24	1.03	2.81	1140	1	1.43	387	710	12	0.06	<5	326	0.46	152
SC276963		88	5.79	1.05	3.55	1285	1	1.43	396	700	10	0.05	<5	313	0.45	166
SC276964		76	5.67	1.06	3.26	1240	2	1.44	349	620	10	0.05	<5	304	0.48	168
SC276965		75	5.50	1.09	3.13	1185	1	1.46	392	680	15	0.06	<5	336	0.47	161
SC276966		89	4.29	1.12	2.01	919	<1	1.95	77	980	12	0.05	<5	334	0.45	147
SC276967		83	4.03	0.96	2.04	893	<1	1.59	84	930	8	0.08	<5	280	0.40	136
SC276968		38	3.95	1.05	2.09	608	<1	2.24	63	630	9	0.04	<5	360	0.47	149
SC276969		51	4.85	1.02	1.62	745	1	1.89	67	540	10	0.04	<5	345	0.51	155
SC276970		56	4.78	1.02	1.58	750	<1	1.86	62	560	14	0.04	<5	342	0.51	152
SC276971		46	5.15	0.98	1.75	850	1	1.89	71	560	15	0.04	<5	342	0.52	162
SC276972		46	4.98	0.97	1.69	808	1	1.85	67	510	10	0.04	<5	330	0.51	158
SC276973		50	5.16	1.03	1.54	1145	1	1.95	58	520	12	0.01	<5	375	0.59	163
SC276974		81	5.60	0.80	2.68	1115	1	1.94	126	500	19	0.01	<5	336	0.56	185
SC276975		46	3.89	1.17	2.27	634	<1	2.32	82	740	9	0.08	8	351	0.58	170
SC276976		60	4.67	1.12	2.21	722	<1	1.94	100	850	10	0.08	<5	316	0.48	149
SC276977		51	4.08	1.02	1.88	748	<1	1.82	88	970	12	0.13	6	315	0.44	128
SC276978		60	4.41	1.19	2.33	764	<1	2.06	99	960	13	0.10	<5	331	0.48	149
SC276979		47	4.03	1.38	1.51	782	<1	2.59	40	640	9	0.02	<5	447	0.50	129
SC276980		102	6.59	1.08	3.33	1575	<1	2.17	261	900	11	0.05	5	371	0.67	201

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3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
SC276941		<10	86
SC276942		<10	77
SC276943		<10	83
SC276944		<10	89
SC276945		<10	84
SC276946		<10	75
SC276947		<10	74
SC276948		<10	76
SC276949		<10	154
SC276950		<10	165
SC276951		<10	160
SC276952		<10	83
SC276953		<10	86
SC276954		<10	87
SC276955		<10	83
SC276956		<10	81
SC276957		<10	91
SC276958		<10	91
SC276959		<10	86
SC276960		<10	90
SC276961		<10	72
SC276962		<10	92
SC276963		<10	101
SC276964		<10	99
SC276965		<10	100
SC276966		<10	99
SC276967		<10	100
SC276968		<10	73
SC276969		<10	105
SC276970		<10	107
SC276971		<10	108
SC276972		<10	104
SC276973		<10	102
SC276974		<10	97
SC276975		<10	97
SC276976		<10	127
SC276977		<10	125
SC276978		<10	134
SC276979		10	72
SC276980		10	105

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Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	S-IR08 S % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1
SC276981		0.52	0.009	<0.005	0.002	0.17	<0.5	7.47	11	560	1.1	<2	3.21	0.5	20	154
SC276982		0.78	0.047	<0.005	0.002	0.24	<0.5	7.65	11	540	0.9	<2	3.74	<0.5	19	220
SC276983		0.48	0.003	<0.005	0.002	0.10	<0.5	8.41	<5	630	1.1	<2	3.06	<0.5	21	153
SC276984		0.44	0.001	<0.005	0.002	0.08	<0.5	7.95	5	580	1.0	<2	3.12	<0.5	22	170
SC276985		0.46	0.001	<0.005	0.002	0.16	<0.5	8.12	8	660	1.1	<2	3.19	<0.5	20	127
SC276986		0.84	0.013	<0.005	0.002	0.21	<0.5	8.17	25	580	1.2	<2	3.65	<0.5	27	152
SC276987		0.54	<0.001	0.013	0.003	0.20	<0.5	6.88	13	480	0.9	<2	3.57	<0.5	20	157
SC276988		0.36	0.003	0.010	0.004	0.20	<0.5	8.33	7	640	1.2	<2	3.89	<0.5	23	107
SC276989		0.36	0.002	<0.005	0.006	0.17	<0.5	7.59	<5	590	1.3	<2	3.20	<0.5	23	114
SC276990		0.34	0.004	<0.005	0.001	0.12	<0.5	8.37	5	660	1.1	<2	2.76	0.5	24	119
SC276991		0.38	<0.001	<0.005	0.001	0.15	<0.5	8.33	13	670	1.2	<2	2.55	<0.5	21	98
SC276992		0.38	0.002	<0.005	0.001	0.11	<0.5	8.28	<5	640	1.2	<2	2.65	<0.5	24	105
SC276993		0.38	0.005	<0.005	0.002	0.16	<0.5	8.00	10	690	1.2	<2	3.05	<0.5	22	113
SC276994		0.54	0.005	<0.005	0.003	0.15	<0.5	8.05	5	700	1.2	<2	2.92	<0.5	26	149
SC276995		0.50	0.002	<0.005	0.001	0.18	<0.5	8.21	18	640	1.1	<2	2.89	<0.5	21	136
SC276996		0.38	0.004	<0.005	0.004	0.24	<0.5	7.94	9	600	1.1	<2	3.17	<0.5	25	170
SC276997		0.28	0.002	<0.005	0.003	0.33	<0.5	7.04	13	540	0.9	<2	3.37	0.5	21	134
SC276998		0.52	0.013	0.009	0.011	0.28	<0.5	7.76	37	430	0.7	<2	2.22	<0.5	45	725
SC276999		0.60	0.007	<0.005	0.011	0.21	<0.5	8.01	10	620	1.1	<2	3.11	<0.5	31	255
SC277000		0.36	0.006	<0.005	0.006	0.31	<0.5	7.14	5	640	1.0	<2	3.15	<0.5	28	173
SC277001		Not Recvd														

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LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V
	Units	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1
SC276981		53	4.34	1.13	1.89	903	<1	2.39	51	940	4	0.01	<5	363	0.51	157
SC276982		42	4.61	1.11	2.05	1195	<1	2.26	49	780	4	0.06	<5	398	0.62	165
SC276983		39	4.89	1.13	1.75	895	<1	2.43	46	660	8	0.02	7	390	0.56	157
SC276984		31	4.63	1.17	1.92	752	<1	2.45	53	700	7	0.01	<5	375	0.55	163
SC276985		47	4.52	1.25	1.68	848	<1	2.37	45	780	10	0.02	<5	401	0.53	144
SC276986		59	6.08	1.10	2.35	1320	1	2.34	56	1380	10	0.04	7	401	0.67	185
SC276987		43	4.85	0.91	1.86	965	<1	1.98	51	1010	7	0.07	<5	355	0.56	150
SC276988		194	4.86	0.98	1.63	909	<1	2.20	56	1010	11	0.04	8	474	0.57	155
SC276989		301	4.61	0.91	1.35	982	<1	1.89	61	730	4	0.04	8	349	0.52	141
SC276990		40	5.13	1.08	1.48	854	<1	2.22	43	460	12	0.01	<5	372	0.62	160
SC276991		42	4.86	1.19	1.38	722	<1	2.26	40	440	9	0.01	<5	397	0.58	141
SC276992		40	4.80	1.13	1.40	668	1	2.24	38	430	10	0.01	<5	391	0.57	142
SC276993		77	4.84	1.06	1.42	899	<1	2.06	50	590	10	0.03	6	375	0.55	142
SC276994		71	4.94	1.08	1.72	903	<1	1.97	60	830	8	0.03	<5	319	0.56	156
SC276995		42	5.38	0.93	1.48	629	<1	2.09	50	390	8	0.02	5	338	0.64	168
SC276996		83	4.88	1.19	2.16	761	<1	2.05	77	810	11	0.05	7	305	0.55	172
SC276997		54	4.08	1.01	1.68	678	<1	1.85	53	890	5	0.07	<5	317	0.49	135
SC276998		67	6.22	1.13	3.64	1090	<1	1.40	291	680	30	0.06	<5	278	0.45	164
SC276999		155	5.22	1.20	2.65	814	<1	2.11	230	850	7	0.05	<5	335	0.51	154
SC277000		106	4.49	1.01	1.85	973	<1	1.83	185	790	9	0.06	<5	331	0.42	127
SC277001																

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LAVAL QC H7L 5A7

Finalized Date: 26-SEP-2006
Account: UZJ

Project: Canalask

CERTIFICATE OF ANALYSIS VA06083054

Sample Description	Method	ME-ICP61	ME-ICP61
	Analyte	W	Zn
	Units	ppm	ppm
	LOR	10	2
SC276981		<10	70
SC276982		10	98
SC276983		<10	77
SC276984		<10	68
SC276985		<10	75
SC276986		<10	114
SC276987		<10	91
SC276988		<10	93
SC276989		<10	66
SC276990		<10	100
SC276991		<10	80
SC276992		<10	76
SC276993		<10	75
SC276994		<10	112
SC276995		<10	89
SC276996		<10	104
SC276997		<10	100
SC276998		<10	102
SC276999		10	117
SC277000		<10	83
SC277001			

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LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

CERTIFICATE VA06092277

Project: #506 (ANT)

P.O. No.: YK002

This report is for 33 Soil samples submitted to our lab in Vancouver, BC, Canada on 25-AUG-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
S-IR08	Total Sulphur (Leco)	LECO
ME-ICP61	27 element four acid ICP-AES	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

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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LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 (ANT)

CERTIFICATE OF ANALYSIS VA06092277

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	S-IR08 S % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1
SC035451		0.26	<0.001	<0.005	0.002	0.10	<0.5	7.09	6	700	1.0	<2	2.83	<0.5	7	49
SC035452		0.22	<0.001	<0.005	<0.001	0.05	<0.5	6.48	9	680	1.0	<2	2.74	<0.5	15	73
SC035453		0.40	0.002	0.011	0.001	0.06	<0.5	7.12	15	670	1.1	<2	2.38	1.0	29	114
SC035454		0.12	<0.001	<0.005	0.003	0.16	<0.5	2.89	22	420	0.5	2	2.92	0.7	38	41
SC035455		0.46	0.002	<0.005	0.001	0.01	<0.5	8.14	18	700	1.2	2	2.69	<0.5	21	137
SC035456		0.16	<0.001	<0.005	<0.001	0.05	<0.5	4.59	<5	380	0.7	<2	3.42	<0.5	7	71
SC035457		0.54	0.001	<0.005	0.001	0.03	<0.5	7.45	5	620	1.0	<2	2.88	<0.5	18	125
SC035458		0.50	0.001	<0.005	<0.001	0.02	<0.5	8.01	20	600	1.0	2	2.26	<0.5	21	150
SC035459		0.06	<0.001	<0.005	0.001	0.05	<0.5	2.38	<5	220	<0.5	<2	2.78	0.7	6	40
SC035460		0.38	<0.001	<0.005	<0.001	0.03	<0.5	7.01	11	620	1.0	<2	3.02	<0.5	14	91
SC035461		0.50	<0.001	<0.005	<0.001	0.01	<0.5	8.08	7	710	1.2	<2	2.57	<0.5	16	74
SC035633		0.66	0.003	<0.005	0.016	0.03	<0.5	9.06	11	360	0.7	3	7.88	<0.5	53	38
SC035634		0.34	0.014	0.008	0.002	1.36	<0.5	8.65	7	950	1.0	5	1.35	<0.5	7	18
SC035635		0.56	0.005	<0.005	0.001	0.69	<0.5	7.52	<5	950	0.9	2	0.91	<0.5	6	38
SC035636		0.58	0.013	<0.005	0.002	0.80	0.8	8.84	5	1500	1.2	5	0.24	<0.5	4	12
SC035637		Not Recvd														
SC035639		0.52	0.029	<0.005	<0.001	0.94	<0.5	9.37	5	1340	1.2	5	0.15	<0.5	8	7
SC035640		Not Recvd														
SC035641		0.38	0.025	<0.005	0.002	0.20	<0.5	8.62	5	710	1.4	3	1.15	<0.5	29	62
SC035642		0.50	0.024	<0.005	0.002	1.63	0.5	8.24	8	590	1.1	<2	0.76	<0.5	4	29
SC035643		Not Recvd														
SC035644		0.64	0.024	0.007	0.007	0.78	<0.5	7.93	11	1090	1.0	6	1.65	<0.5	19	139
SC035645		0.46	NSS	NSS	NSS	1.28	0.8	8.11	11	1270	1.3	4	1.22	<0.5	16	34
SC035646		0.64	0.024	<0.005	0.001	0.98	0.5	8.25	<5	1910	1.1	2	0.50	<0.5	2	17
SC035647		0.60	0.036	<0.005	0.008	0.22	1.1	7.78	44	1780	1.3	3	2.87	1.3	29	228
SC276743		0.52	0.001	<0.005	0.003	0.03	<0.5	7.61	13	630	1.0	<2	2.67	<0.5	17	162
SC276744		0.16	0.001	0.005	<0.001	0.05	<0.5	6.61	14	520	0.9	2	2.62	<0.5	16	195
SC276745		0.48	0.002	<0.005	0.015	0.05	<0.5	6.80	16	590	1.0	2	3.20	<0.5	23	209
SC276746		0.42	0.002	<0.005	0.001	0.01	<0.5	7.77	16	650	1.1	3	2.48	<0.5	22	121
SC276747		0.52	0.008	0.024	0.004	0.06	<0.5	6.65	14	520	0.9	2	2.61	<0.5	36	303
SC276748		0.10	<0.001	<0.005	0.007	0.15	<0.5	3.89	12	510	0.6	2	3.00	0.7	21	67
SC276749		0.40	0.005	<0.005	<0.001	0.02	0.6	7.95	101	590	1.1	<2	2.52	0.6	22	92
SC276750		0.48	0.001	<0.005	0.002	0.04	<0.5	7.38	99	630	1.0	3	3.17	1.0	21	88

Comments: NSS is non-sufficient sample.

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Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 (ANT)

CERTIFICATE OF ANALYSIS VA06092277

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V
	Units	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1
SC035451		63	2.99	1.50	0.95	401	<1	2.30	25	660	10	0.13	<5	508	0.39	79
SC035452		48	3.29	1.08	0.93	719	<1	1.83	32	750	9	0.05	<5	373	0.41	93
SC035453		66	4.64	1.14	1.55	1115	<1	1.72	41	850	21	0.06	<5	274	0.55	143
SC035454		47	4.91	0.36	0.55	6930	3	0.62	32	1660	4	0.26	<5	177	0.17	61
SC035455		61	4.97	1.19	1.73	692	<1	2.32	62	580	12	0.01	<5	364	0.56	155
SC035456		27	2.39	0.65	0.89	417	<1	1.24	24	960	4	0.12	<5	265	0.36	77
SC035457		49	4.26	1.10	1.48	735	<1	2.05	44	890	9	0.04	<5	350	0.53	139
SC035458		37	5.86	0.98	1.63	586	<1	2.02	50	450	11	0.01	<5	291	0.65	180
SC035459		19	1.53	0.38	0.59	490	<1	0.65	15	910	4	0.15	<5	159	0.19	45
SC035460		31	3.64	1.12	1.21	717	<1	2.05	32	790	9	0.04	<5	383	0.48	115
SC035461		31	4.10	1.42	1.19	654	<1	2.46	29	340	11	0.01	<5	459	0.49	112
SC035633		351	9.44	0.45	2.36	2090	<1	1.41	17	850	16	0.05	<5	716	0.46	364
SC035634		146	8.13	2.86	0.87	470	1	1.28	4	1380	14	1.64	<5	333	0.41	132
SC035635		61	5.49	2.11	1.04	305	3	1.33	12	850	16	0.87	<5	268	0.33	93
SC035636		173	8.02	3.16	1.00	257	2	1.00	2	1670	38	0.89	<5	156	0.30	125
SC035637																
SC035639		56	8.59	3.88	0.84	379	4	0.66	1	1180	23	1.11	<5	135	0.26	100
SC035640																
SC035641		68	6.93	2.28	1.22	2190	6	1.09	23	1000	17	0.20	<5	184	0.39	130
SC035642		144	9.08	3.07	1.09	326	15	1.16	6	2150	39	1.80	<5	371	0.38	138
SC035643																
SC035644		160	8.09	2.13	1.62	716	5	1.35	39	1590	51	0.91	<5	349	0.37	138
SC035645		190	11.40	3.17	1.08	793	15	0.97	12	2270	167	1.44	<5	474	0.44	136
SC035646		75	6.32	3.52	0.95	237	22	1.12	4	1670	25	1.12	<5	279	0.42	124
SC035647		102	5.78	2.31	2.00	1575	7	0.78	138	1110	34	0.25	<5	112	0.47	224
SC276743		59	4.60	1.14	1.49	651	<1	1.97	88	480	9	0.03	<5	334	0.59	151
SC276744		41	3.93	0.96	1.85	573	<1	1.82	90	730	9	0.06	<5	295	0.48	128
SC276745		151	4.06	1.00	1.48	842	<1	1.76	256	670	11	0.07	<5	329	0.46	115
SC276746		49	4.83	1.08	1.33	979	<1	2.06	50	430	9	0.01	<5	357	0.57	138
SC276747		46	4.51	1.01	2.55	1210	<1	1.87	207	710	7	0.03	<5	299	0.47	143
SC276748		51	3.79	0.54	0.78	6540	1	1.05	85	1010	4	0.25	<5	238	0.28	65
SC276749		161	5.04	1.04	1.31	834	1	2.14	42	270	10	0.02	<5	368	0.52	124
SC276750		47	5.34	1.17	1.41	1460	<1	2.02	46	510	16	0.05	<5	309	0.45	117

Comments: NSS is non-sufficient sample.

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LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 (ANT)

CERTIFICATE OF ANALYSIS VA06092277

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
SC035451		<10	157
SC035452		<10	62
SC035453		<10	520
SC035454		<10	119
SC035455		<10	81
SC035456		<10	60
SC035457		<10	79
SC035458		<10	80
SC035459		<10	75
SC035460		<10	74
SC035461		<10	72
SC035633		<10	81
SC035634		<10	52
SC035635		<10	45
SC035636		<10	70
SC035637			
SC035639		<10	153
SC035640			
SC035641		<10	106
SC035642		<10	64
SC035643			
SC035644		<10	95
SC035645		<10	138
SC035646		<10	40
SC035647		<10	245
SC276743		<10	86
SC276744		<10	79
SC276745		<10	69
SC276746		<10	84
SC276747		<10	138
SC276748		<10	64
SC276749		<10	172
SC276750		<10	147

Comments: NSS is non-sufficient sample.

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Finalized Date: 3-OCT-2006
Account: UZJ

CERTIFICATE VA06092314

Project: #506 (Pick)

P.O. No.: YK003

This report is for 7 Rock samples submitted to our lab in Vancouver, BC, Canada on 25-AUG-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

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

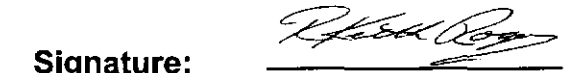
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS81	38 element fusion ICP-MS	ICP-MS
ME-XRF06	Whole Rock Package - XRF	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
S-IR08	Total Sulphur (Leco)	LECO

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

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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Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 (Pick)

CERTIFICATE OF ANALYSIS VA06092314

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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
RC276233		0.78	<1	117.5	6.1	145.5	4100	1.90	390	0.91	0.54	0.31	5.3	0.93	0.8	0.21
RC276234		0.82	<1	675	5.2	54.3	650	1.09	85	2.25	1.56	0.46	14.5	1.65	1.0	0.52
RC276235		0.40	<1	13.2	1.2	130.0	4580	0.13	547	0.27	0.17	0.07	3.9	0.28	0.4	0.06
RC276236		0.80	<1	7.1	1.0	154.5	6060	0.16	433	0.31	0.19	0.07	6.9	0.27	0.4	0.07
RC276237		0.98	<1	12.9	2.4	157.5	4830	0.09	37	0.56	0.33	0.07	3.2	0.49	0.6	0.12
RC276238		0.42	<1	23.9	2.2	117.0	1920	1.70	40	0.68	0.44	0.24	7.5	0.63	0.5	0.15
RC276239		0.56	1	19.5	2.2	97.1	1700	2.04	22	0.72	0.39	0.20	6.8	0.56	0.6	0.15

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Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 (Pick)

CERTIFICATE OF ANALYSIS VA06092314

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	0.01	2	0.2	0.1	5	5	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05
RC276233		2.6	0.07	<2	2.1	3.2	2120	6	0.78	2.3	0.90	1	53.4	0.2	0.17	0.37
RC276234		2.3	0.25	<2	0.8	3.3	225	5	0.73	52.1	1.12	1	36.6	0.1	0.33	0.52
RC276235		0.5	0.03	<2	0.4	0.7	2900	8	0.16	1.6	0.23	<1	2.0	0.2	0.04	0.10
RC276236		<0.5	0.04	<2	0.4	0.6	2330	9	0.12	1.4	0.21	<1	1.6	0.1	0.05	0.11
RC276237		0.9	0.04	<2	0.9	1.5	2040	5	0.33	1.9	0.41	<1	1.5	0.2	0.09	0.14
RC276238		0.9	0.06	<2	0.7	1.4	1010	<5	0.30	4.8	0.45	<1	24.2	0.1	0.11	0.16
RC276239		1.0	0.06	<2	0.5	1.4	865	<5	0.32	2.9	0.45	1	19.1	0.1	0.11	0.16

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Finalized Date: 3-OCT-2006
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Project: #506 (Pick)

CERTIFICATE OF ANALYSIS VA06092314

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	Analyte	Tl	Tm	U	V	W	Y	Yb	Zn	Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
	LOR	0.5	0.01	0.05	5	1	0.5	0.03	5	2	0.01	0.01	0.01	0.01	0.01	0.01
RC276233		<0.5	0.09	0.15	<5	5	5.6	0.47	88	26	35.39	3.52	14.33	1.36	32.02	0.16
RC276234		0.6	0.24	0.23	235	1	14.3	1.56	72	29	46.30	15.26	10.00	5.42	11.81	1.81
RC276235		<0.5	0.03	0.05	<5	12	1.7	0.22	93	14	34.44	1.60	16.43	0.10	34.00	0.20
RC276236		<0.5	0.04	0.06	<5	2	2.0	0.22	106	13	35.86	1.48	12.45	0.07	36.31	0.18
RC276237		<0.5	0.05	0.09	<5	5	3.2	0.27	79	20	34.19	1.67	13.20	0.09	36.39	0.10
RC276238		0.5	0.06	0.08	60	3	3.9	0.38	79	14	38.52	6.82	14.46	5.65	24.99	0.20
RC276239		<0.5	0.06	0.09	76	3	4.0	0.39	67	19	40.51	7.60	12.15	7.84	24.10	0.36

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Finalized Date: 3-OCT-2006
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Project: #506 (Pick)

CERTIFICATE OF ANALYSIS VA06092314

Sample Description	Method	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	PGM-ICP23	PGM-ICP23	PGM-ICP23	S-IR08
	Analyte	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total	Au	Pt	Pd	S
	Units	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.005	0.001	0.01
RC276233		0.05	0.57	0.35	0.18	0.06	0.01	<0.01	11.75	99.75	0.004	0.050	0.083	0.49
RC276234		3.08	0.08	0.44	0.21	0.07	0.01	0.06	4.78	99.34	<0.001	<0.005	0.010	0.02
RC276235		0.05	0.65	0.11	0.12	0.02	<0.01	0.01	11.40	99.15	0.007	0.037	0.043	0.43
RC276236		0.04	0.75	0.16	0.16	0.04	0.01	<0.01	12.15	99.66	0.012	0.037	0.056	1.13
RC276237		0.07	0.66	0.17	0.22	0.03	<0.01	<0.01	12.40	99.18	0.034	0.037	0.067	0.13
RC276238		0.12	0.27	0.22	0.17	0.03	0.01	<0.01	7.82	99.27	0.001	0.017	0.013	0.02
RC276239		0.06	0.24	0.19	0.17	0.04	<0.01	<0.01	6.71	99.99	0.001	0.012	0.014	0.02

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Finalized Date: 3-OCT-2006
Account: UZJ

CERTIFICATE VA06092275

Project: #506 (ANT)

P.O. No.:

This report is for 51 Rock samples submitted to our lab in Vancouver, BC, Canada on 25-AUG-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

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
CRU-QC	Crushing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
S-IR08	Total Sulphur (Leco)	LECO
As-AA61	Trace As - four acid digestion	AAS
V-AA61	Trace V - four-acid digestion	AAS
Cu-AA61	Trace Cu - four-acid digestion	AAS
Cu-AA62	Ore grade Cu - four acid / AAS	AAS
Cr-AA61	Trace Cr - four-acid digestion	AAS
Co-AA61	Trace Co - four-acid digestion	AAS
Ni-AA61	Trace Ni - four-acid digestion	AAS

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

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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Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 (ANT)

CERTIFICATE OF ANALYSIS VA06092275

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	S-IR08 S % 0.01	As-AA61 As ppm 5	V-AA61 V ppm 5	Cu-AA61 Cu ppm 2	Cu-AA62 Cu % 0.01	Cr-AA61 Cr ppm 2	Co-AA61 Co ppm 5	Ni-AA61 Ni ppm 5
RC035651		0.52	<0.001	0.012	0.011	1.04	<5	257	18		293	84	84
RC035652		0.42	0.002	0.008	0.002	0.38	<5	103	41		27	7	24
RC035653		0.82	0.052	0.019	0.004	8.04	5	312	693		182	70	118
RC035654		0.72	<0.001	<0.005	0.002	0.04	<5	112	57		45	11	27
RC035655		1.06	0.003	<0.005	0.002	0.65	<5	315	95		214	38	62
RC035656		1.14	0.005	<0.005	0.001	1.44	<5	92	12		13	12	5
RC035657		0.88	0.012	0.007	0.001	1.78	<5	229	185		24	23	14
RC035658		0.40	0.004	0.006	<0.001	0.56	7	100	34		31	13	12
RC035659		0.88	<0.001	0.011	0.003	0.10	<5	267	158		27	27	11
RC035660		1.06	0.005	0.007	0.018	2.78	<5	294	76		82	35	36
RC035661		0.78	0.014	0.006	0.019	1.38	16	370	317		519	51	164
RC035662		0.70	<0.001	0.014	0.018	1.65	<5	319	30		390	27	108
RC276517		1.26	0.035	<0.005	0.001	0.50	19	119	1335		39	27	<5
RC276518		0.62	0.065	0.007	0.001	2.67	305	106	>10000	2.75	24	133	12
RC276519		1.16	0.017	<0.005	<0.001	1.66	<5	208	2910		54	98	866
RC276520		0.52	<0.001	0.006	<0.001	1.56	<5	121	763		47	35	39
RC276521		0.96	0.023	0.105	0.203	0.35	<5	139	462		2230	113	1850
RC276522		1.04	<0.001	0.026	0.028	0.11	<5	91	55		3520	116	2180
RC276523		0.84	<0.001	0.009	0.003	0.05	<5	30	15		3490	142	2510
RC276524		0.74	<0.001	0.031	0.061	0.06	<5	24	35		3450	138	2440
RC276525		1.22	<0.001	<0.005	0.001	1.14	<5	<5	9		54	<5	38
RC276526		0.74	0.004	<0.005	0.012	0.16	63	309	176		199	37	100
RC276527		1.74	<0.001	0.005	0.003	0.44	<5	295	132		352	39	86
RC276528		0.46	0.001	<0.005	<0.001	0.21	133	36	506		40	9	10
RC276529		0.92	0.002	<0.005	<0.001	0.69	<5	152	290		55	14	17
RC276530		0.88	0.003	<0.005	0.001	0.20	11	271	101		234	33	60
RC276281		1.64	<0.001	<0.005	<0.001	1.40	<5	186	42		70	10	23
RC276282		5.00	<0.001	<0.005	<0.001	2.15	<5	174	38		62	11	26
RC276283		2.18	0.003	<0.005	<0.001	1.62	<5	87	10		7	<5	<5
RC276284		1.48	0.017	0.008	<0.001	2.56	<5	92	230		12	8	<5
RC276285		1.30	0.007	<0.005	<0.001	1.79	<5	88	25		7	5	<5
RC276286		2.00	0.001	<0.005	<0.001	1.26	<5	59	133		6	6	<5
RC276287		2.28	0.014	<0.005	<0.001	1.19	<5	78	64		6	<5	<5
RC276288		1.18	0.003	0.006	<0.001	1.80	<5	58	55		5	<5	<5
RC276289		1.22	0.009	<0.005	0.001	0.41	<5	71	24		10	<5	<5
RC276290		1.16	0.402	0.005	<0.001	0.17	<5	<5	8		9	<5	<5
RC276291		2.12	0.004	<0.005	0.002	0.42	<5	96	64		61	<5	11
RC276292		1.82	<0.001	0.008	<0.001	0.92	<5	133	819		23	18	12
RC276293		2.20	<0.001	0.008	0.002	1.12	168	123	63		52	10	31
RC276232		1.46	0.001	<0.005	0.001	0.04	<5	41	23		8	<5	<5

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To: FALCONBRIDGE LTD - LAVAL EXPLORATION
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506 (ANT)

CERTIFICATE OF ANALYSIS VA06092275

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	S-IR08 S % 0.01	As-AA61 As ppm 5	V-AA61 V ppm 5	Cu-AA61 Cu ppm 2	Cu-AA62 Cu % 0.01	Cr-AA61 Cr ppm 2	Co-AA61 Co ppm 5	Ni-AA61 Ni ppm 5
RC276270		1.56	0.003	<0.005	0.001	0.13	504	<5	1485		18	<5	<5
RC276271		1.32	<0.001	<0.005	0.001	0.03	13	<5	25		5	<5	<5
RC276272		1.08	<0.001	<0.005	0.001	0.19	<5	19	38		4	41	<5
RC276273		1.20	<0.001	<0.005	0.002	0.10	<5	147	73		5	48	<5
RC276274		1.60	<0.001	<0.005	0.002	0.13	<5	83	30		13	50	<5
RC276275		1.36	0.003	<0.005	0.002	2.13	10	77	2330		17	11	5
RC276276		1.04	<0.001	<0.005	0.001	0.15	<5	132	34		17	52	10
RC276277		1.50	<0.001	<0.005	0.001	0.21	13	7	125		7	12	<5
RC276278		1.34	0.001	<0.005	0.003	0.14	12	8	22		3	13	<5
RC276279		1.28	<0.001	<0.005	0.002	0.02	44	6	11		3	<5	<5
RC276280		1.40	<0.001	<0.005	0.001	0.13	<5	381	95		26	56	32

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LAVAL QC H7L 5A7

Finalized Date: 11-OCT-2006
Account: UZJ

CERTIFICATE VA06095047

Project: 505 (ONION)

P.O. No.:

This report is for 6 Rock samples submitted to our lab in Vancouver, BC, Canada on 5-SEP-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

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-AA62	Ore grade Cu - four acid / AAS	AAS
Ni-AA61	Trace Ni - four-acid digestion	AAS
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Co-AA61	Trace Co - four-acid digestion	AAS
Cr-AA61	Trace Cr - four-acid digestion	AAS
Cu-AA61	Trace Cu - four-acid digestion	AAS
V-AA61	Trace V - four-acid digestion	AAS
As-AA61	Trace As - four acid digestion	AAS
S-IR08	Total Sulphur (Leco)	LECO

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
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Signature:
Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 11-OCT-2006
Account: UZJ

Project: 505 (ONION)

CERTIFICATE OF ANALYSIS VA06095047

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	Cu-AA62 Cu % 0.01	Ni-AA61 Ni ppm 5	Co-AA61 Co ppm 5	Cr-AA61 Cr ppm 2	Cu-AA61 Cu ppm 2	V-AA61 V ppm 5	As-AA61 As ppm 5	S-IR08 S % 0.01
276551		0.62	0.002	<0.005	0.001		186	23	440	50	225	<5	1.06
276552		0.78	0.008	<0.005	0.001		13	8	29	49	37	<5	4.62
276785		1.58	0.002	0.009	0.009		80	26	187	47	188	<5	0.09
276794		1.02	0.004	<0.005	0.002		12	8	22	20	65	<5	1.34
276795		0.88	0.034	<0.005	0.002		<5	10	20	499	252	<5	2.18
276801		1.50	0.003	0.006	0.013	2.01	55	32	121	>10000	256	<5	0.10

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Finalized Date: 3-OCT-2006
Account: UZJ

CERTIFICATE VA06092313

Project: #506 (Pick)

P.O. No.: YK003

This report is for 7 Rock samples submitted to our lab in Vancouver, BC, Canada on 25-AUG-2006.

The following have access to data associated with this certificate:

RICHARD NIEMINEN

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
Ni-AA61	Trace Ni - four-acid digestion	AAS
Co-AA61	Trace Co - four-acid digestion	AAS
Cr-AA61	Trace Cr - four-acid digestion	AAS
Cu-AA61	Trace Cu - four-acid digestion	AAS
V-AA61	Trace V - four-acid digestion	AAS
As-AA61	Trace As - four acid digestion	AAS
S-IR08	Total Sulphur (Leco)	LECO
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
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Signature:

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 3-OCT-2006
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Project: #506 (Pick)

CERTIFICATE OF ANALYSIS VA06092313

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	Ni-AA61	Co-AA61	Cr-AA61	Cu-AA61	V-AA61	As-AA61	S-IR08
	Analyte	Recvd Wt.	Au	Pt	Pd	Ni	Co	Cr	Cu	V	As	S
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.005	0.001	5	5	2	2	5	5	0.01
RC276233		1.08	0.008	0.037	0.047	2200	123	4440	246	114	18	0.41
RC276234		0.96	0.006	0.012	0.019	188	57	348	172	294	25	0.19
RC276235		0.70	0.010	0.035	0.046	3750	240	3090	610	57	<5	2.49
RC276236		0.94	0.039	0.047	0.061	2090	121	3100	173	61	11	0.54
RC276237		0.70	0.015	0.071	0.128	2100	140	3560	52	65	5	0.10
RC276238		1.00	0.002	0.018	0.010	823	96	1340	29	120	6	0.02
RC276239		1.30	0.001	0.016	0.014	757	93	1170	22	120	8	0.02

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Finalized Date: 3-OCT-2006
Account: UZJ

CERTIFICATE VA06092311

Project: #506(ANT)

P.O. No.:

This report is for 19 Rock samples submitted to our lab in Vancouver, BC, Canada on 25-AUG-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

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
SPL-21d	Split sample - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-GRA06	LOI for ME-XRF06	WST-SIM
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS81	38 element fusion ICP-MS	ICP-MS
S-IR08	Total Sulphur (Leco)	LECO
ME-XRF06	Whole Rock Package - XRF	XRF

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
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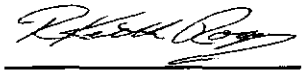
Signature: 
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Finalized Date: 3-OCT-2006
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Project: #506(ANT)

CERTIFICATE OF ANALYSIS VA06092311

Method	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
Analyte	Recvd Wt.	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Sample Description 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
RC276531	0.58	31.76	1.03	11.30	0.24	36.16	0.20	0.05	0.65	0.13	0.15	0.02	0.01	<0.01	17.85
RC276532	0.86	32.00	0.61	14.27	0.09	37.09	0.24	0.02	0.97	0.07	0.19	0.02	<0.01	<0.01	14.10
RC276533	0.70	32.47	0.60	12.53	0.28	38.14	0.21	0.02	0.91	0.06	0.19	0.01	<0.01	<0.01	14.15
RC276534	0.80	33.26	0.84	13.18	0.32	36.78	0.23	0.03	0.95	0.12	0.18	0.03	<0.01	<0.01	13.50
RC276535	0.78	32.98	0.62	12.54	0.08	37.82	0.24	0.02	0.68	0.07	0.16	0.03	<0.01	<0.01	14.25
RC276272	0.66	46.78	12.39	19.88	6.39	3.06	2.92	0.58	<0.01	1.65	0.35	0.87	0.02	0.04	4.00
RC276273	0.48	44.82	12.42	19.46	8.63	4.40	2.19	0.55	<0.01	2.50	0.29	0.58	0.03	0.02	3.13
RC276276	0.44	44.82	13.75	19.75	8.36	3.80	2.42	0.50	<0.01	1.96	0.30	1.27	0.03	0.03	1.85
RC276277	0.44	46.99	10.98	23.51	6.60	1.09	2.22	0.71	<0.01	1.83	0.48	0.61	0.02	0.04	3.95
RC276279	0.52	47.67	10.79	23.01	6.58	1.03	2.32	0.80	<0.01	1.84	0.41	0.62	0.03	0.04	3.50
RC276292	0.70	63.70	14.02	5.76	3.91	2.11	4.25	0.88	<0.01	0.45	0.09	0.26	0.04	0.08	3.55
RC276287	0.74	54.13	17.53	8.36	4.27	4.51	4.24	1.30	<0.01	0.62	0.09	0.09	0.04	0.09	4.54
502714	0.52	55.20	17.30	8.32	4.29	4.48	4.23	1.36	<0.01	0.62	0.08	0.11	0.04	0.09	3.97
6682533	<0.02	67.72	14.10	6.11	0.49	1.65	2.39	2.75	<0.01	0.44	0.04	0.11	0.02	0.10	4.04
507150	0.40	49.76	13.27	10.52	9.69	8.69	3.51	0.58	0.06	0.68	0.13	0.15	0.03	0.02	1.50
6680950	<0.02	49.96	13.38	10.73	9.65	8.77	3.57	0.58	0.06	0.66	0.14	0.16	0.03	0.02	1.54
5076360	0.66	51.22	16.29	14.44	5.27	5.46	4.11	0.53	<0.01	1.21	0.21	0.53	0.06	0.07	0.42
6680981	<0.02	51.19	16.44	14.42	5.22	5.39	4.03	0.52	<0.01	1.17	0.21	0.54	0.05	0.07	0.34
RC276285	0.28	64.64	17.37	3.74	0.62	2.05	4.02	2.64	0.01	0.50	0.03	0.09	0.04	0.08	4.09

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Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506(ANT)

CERTIFICATE OF ANALYSIS VA06092311

Sample Description	Method	ME-XRF06	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Total	Au	Pt	Pd	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.001	0.005	0.001	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1
RC276531		99.55	<0.001	0.024	0.011	<1	13.2	1.6	127.0	4660	0.25	5	0.34	0.19	0.07	2.3
RC276532		99.69	0.001	0.017	0.011	<1	3.7	0.8	148.5	5990	0.02	22	0.11	0.07	0.04	1.8
RC276533		99.57	<0.001	0.024	0.009	<1	3.5	0.9	155.5	6240	0.02	17	0.12	0.08	0.03	1.8
RC276534		99.41	0.001	0.019	0.006	<1	2.5	1.1	138.0	6820	0.03	29	0.13	0.09	0.06	2.2
RC276535		99.49	<0.001	0.107	0.069	<1	2.6	0.7	145.5	4930	0.02	17	0.16	0.08	<0.03	1.6
RC276272		98.93	<0.001	0.007	0.002	<1	232	28.1	41.3	50	0.55	22	6.44	3.99	1.57	16.7
RC276273		99.02	<0.001	0.007	0.003	<1	180.0	18.5	58.8	30	0.15	100	4.80	3.01	1.33	19.8
RC276276		98.84	<0.001	<0.005	<0.001	<1	198.0	25.1	61.8	30	0.28	32	6.14	3.65	1.87	18.9
RC276277		99.04	<0.001	<0.005	<0.001	<1	327	32.0	13.3	10	0.55	18	7.18	4.56	1.94	17.2
RC276279		98.62	<0.001	<0.005	<0.001	<1	284	33.2	13.5	10	0.47	19	7.52	4.67	1.93	17.5
RC276292		99.10	<0.001	<0.005	0.002	<1	678	48.1	24.3	20	0.35	606	2.91	1.73	1.03	13.3
RC276287		99.80	0.006	<0.005	0.003	<1	963	39.5	7.5	10	0.43	190	3.99	2.69	0.93	14.9
502714		100.10	<0.001	<0.005	0.003	<1	794	20.1	19.8	30	1.26	50	3.29	2.23	0.80	16.0
6682533		99.95	<0.001	<0.005	0.002	<1	826	19.7	20.8	20	1.31	54	3.36	2.28	0.79	16.1
507150		98.60	<0.001	0.006	0.007	<1	257	17.9	42.2	490	0.11	<5	2.82	1.92	0.79	16.7
6680950		99.26	<0.001	0.005	0.008	<1	265	17.6	43.1	500	0.14	<5	2.91	1.96	0.79	17.0
5076360		99.84	0.002	<0.005	0.013	<1	783	38.2	39.7	10	0.77	49	4.20	2.51	1.80	19.0
6680981		99.60	0.001	0.011	0.015	<1	807	39.8	41.7	10	0.79	49	4.25	2.51	1.84	19.2
RC276285		99.92	0.005	<0.005	<0.001	<1	780	50.4	6.4	20	0.64	10	2.19	1.29	0.92	17.3

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Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506(ANT)

CERTIFICATE OF ANALYSIS VA06092311

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	Gd	Hf	Ho	La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	0.01	0.5	0.01	2	0.2	0.1	5	5	0.03	0.2	0.03	1	0.1
RC276531		0.35	0.3	0.07	0.5	0.04	<2	0.6	1.0	2390	<5	0.21	1.5	0.27	<1	21.2
RC276532		0.13	0.2	0.03	<0.5	0.02	<2	0.2	0.3	2470	<5	0.08	0.3	0.11	<1	3.3
RC276533		0.12	0.2	0.02	<0.5	0.02	<2	0.3	0.3	2670	<5	0.09	0.2	0.09	<1	3.5
RC276534		0.14	0.2	0.03	<0.5	0.02	<2	0.3	0.5	2420	<5	0.12	0.3	0.16	<1	3.4
RC276535		0.10	0.2	0.03	<0.5	0.02	<2	0.3	0.5	2580	<5	0.11	0.3	0.09	<1	2.7
RC276272		5.98	1.9	1.45	11.9	0.59	<2	6.0	17.4	41	<5	3.89	9.5	4.58	1	168.5
RC276273		4.04	2.1	1.09	8.0	0.47	<2	6.9	11.5	24	6	2.54	9.0	3.20	1	273
RC276276		5.93	1.5	1.37	10.4	0.49	<2	5.2	17.0	34	8	3.66	8.0	4.73	1	308
RC276277		6.67	2.4	1.63	14.1	0.71	<2	9.7	19.7	<5	10	4.41	11.9	5.42	1	234
RC276279		6.70	2.6	1.70	14.6	0.74	<2	9.7	20.2	6	8	4.63	14.5	5.42	1	228
RC276292		3.73	2.8	0.59	25.2	0.28	<2	5.9	20.6	14	5	5.80	21.0	3.79	1	330
RC276287		3.94	4.6	0.93	19.3	0.46	<2	4.2	17.6	6	9	4.64	53.1	3.84	2	119.0
502714		2.91	2.5	0.75	9.3	0.34	<2	2.2	10.3	12	9	2.53	19.8	2.68	1	390
6682533		2.93	2.7	0.79	9.1	0.38	<2	2.3	10.2	14	7	2.49	20.4	2.60	1	398
507150		2.53	1.5	0.67	8.5	0.32	<2	4.8	8.4	185	10	2.08	5.1	1.93	1	263
6680950		2.52	1.4	0.70	8.6	0.32	<2	4.8	8.4	192	16	2.12	5.6	1.98	1	262
5076360		5.15	0.9	0.89	18.3	0.33	<2	2.3	21.0	12	9	4.96	3.9	4.80	1	530
6680981		5.20	0.9	0.90	18.9	0.33	<2	2.3	22.0	15	6	5.16	3.7	5.02	1	539
RC276285		3.54	3.2	0.43	27.1	0.27	<2	6.4	20.9	6	7	5.80	61.8	3.80	1	325

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3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #506(ANT)

CERTIFICATE OF ANALYSIS VA06092311

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	S-IR08
	Analyte	Ta	Tb	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr	S
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	0.01	0.05	0.5	0.01	0.05	5	1	0.5	0.03	5	2	0.01
RC276531		0.1	0.05	0.12	0.5	0.03	<0.05	<5	3	1.7	0.18	71	11	0.02
RC276532		0.1	0.02	0.06	<0.5	0.01	<0.05	<5	4	0.6	0.11	71	5	0.01
RC276533		0.1	0.02	0.06	<0.5	0.02	<0.05	<5	3	0.6	0.10	71	4	0.01
RC276534		0.1	0.03	0.06	<0.5	0.01	<0.05	<5	2	0.7	0.10	65	4	0.01
RC276535		0.1	0.02	0.06	<0.5	0.02	<0.05	<5	2	0.6	0.09	61	4	0.01
RC276272		0.5	1.05	0.96	0.5	0.61	0.38	9	6	39.7	3.75	173	57	0.14
RC276273		0.5	0.74	0.82	0.5	0.47	0.34	322	3	30.0	2.84	164	68	0.20
RC276276		0.4	1.02	0.78	0.5	0.53	0.30	77	2	37.2	3.00	150	44	0.16
RC276277		0.7	1.15	1.09	<0.5	0.69	0.45	<5	2	45.0	4.44	205	73	0.17
RC276279		0.7	1.19	1.38	0.5	0.74	0.48	8	1	46.2	4.65	198	77	0.17
RC276292		0.5	0.54	5.51	0.5	0.28	2.04	104	5	16.6	1.81	56	102	1.63
RC276287		0.4	0.68	4.04	0.7	0.43	1.92	54	3	25.7	2.97	62	147	3.23
502714		0.2	0.52	2.05	0.5	0.35	0.99	198	3	21.4	2.32	83	81	0.02
6682533		0.2	0.53	2.08	0.5	0.36	1.04	206	4	22.0	2.37	82	83	0.02
507150		0.4	0.44	0.75	0.5	0.30	0.37	266	2	18.3	1.91	33	50	0.01
6680950		0.4	0.46	0.75	<0.5	0.29	0.41	270	<1	18.5	1.99	34	46	0.01
5076360		0.2	0.75	0.47	0.5	0.36	0.22	443	2	24.6	2.15	105	27	0.02
6680981		0.2	0.79	0.47	<0.5	0.36	0.21	462	3	25.0	2.15	107	26	0.01
RC276285		0.5	0.46	4.18	0.7	0.21	2.01	105	1	11.8	1.46	34	114	1.83

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To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

CERTIFICATE VA06092312

Project: #505/Canalask

P.O. No.:

This report is for 9 Rock samples submitted to our lab in Vancouver, BC, Canada on 25-AUG-2006.

The following have access to data associated with this certificate:

CHRIS COCKBURN	RICHARD NIEMINEN	

SAMPLE PREPARATION

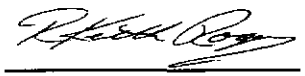
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
PUL-31d	Pulverize Split - duplicate
SPL-21d	Split sample - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS81	38 element fusion ICP-MS	ICP-MS
S-IR08	Total Sulphur (Leco)	LECO
ME-XRF06	Whole Rock Package - XRF	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM

To: **FALCONBRIDGE LTD - LAVAL EXPLORATION**
ATTN: RICHARD NIEMINEN
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

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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Finalized Date: 3-OCT-2006
Account: UZJ

Project: #505/Canalask

CERTIFICATE OF ANALYSIS VA06092312

Sample Description	Method	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	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
525827		0.88	35.83	0.53	15.13	0.49	43.32	0.28	0.03	0.70	0.06	0.20	0.03	<0.01	<0.01	2.64
6867863		<0.02	36.00	0.52	15.12	0.46	43.14	0.20	0.03	0.66	0.06	0.19	0.02	0.01	<0.01	2.65
525897		0.86	65.68	14.30	4.70	1.12	2.99	5.34	1.25	0.03	0.42	0.12	0.11	0.03	0.06	2.39
6868068		<0.02	66.64	14.73	4.66	1.15	2.56	5.44	1.26	0.02	0.38	0.12	0.11	0.02	0.07	2.36
526021		0.74	49.29	14.41	11.42	10.92	6.29	2.08	0.50	0.03	1.23	0.20	0.13	0.04	0.01	2.83
6868079		<0.02	49.45	14.52	11.44	10.94	6.33	2.12	0.48	0.03	1.23	0.20	0.14	0.04	0.02	2.83
526593		0.22	48.44	19.03	10.14	3.80	6.55	3.05	2.79	0.01	1.07	0.18	0.25	0.04	0.10	4.01
6868638		<0.02	48.68	19.32	10.23	3.74	6.47	3.08	2.83	0.01	1.05	0.18	0.23	0.04	0.09	3.91
XLT-SW		0.34	65.57	15.36	4.68	1.36	1.90	6.53	0.54	<0.01	0.38	0.13	0.07	0.02	0.01	2.58

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LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #505/Canalask

CERTIFICATE OF ANALYSIS VA06092312

Sample Description	Method	ME-XRF06	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Total	Au	Pt	Pd	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.001	0.005	0.001	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1
525827		99.21	0.007	0.062	0.080	<1	7.6	0.9	152.0	4920	0.03	203	0.10	0.05	0.04	1.5
6867863		99.04	0.006	0.067	0.089	<1	6.4	0.7	156.5	5040	0.02	183	0.08	0.05	0.03	1.5
525897		98.52	0.006	0.005	0.005	<1	585	17.0	12.2	170	0.30	19	1.82	1.16	0.42	14.0
6868068		99.54	0.003	<0.005	0.004	<1	591	17.6	10.6	120	0.29	16	1.86	1.13	0.43	14.1
526021		99.39	0.002	0.006	0.005	<1	142.0	18.5	41.5	190	0.19	110	4.09	2.37	1.21	19.7
6868079		99.77	<0.001	0.010	0.005	<1	143.0	18.9	41.7	190	0.17	111	4.13	2.44	1.25	20.0
526593		99.45	<0.001	<0.005	0.003	<1	906	31.2	29.9	120	1.03	30	4.09	2.55	1.01	21.5
6868638		99.84	<0.001	<0.005	<0.001	<1	895	31.4	30.2	110	1.06	29	4.06	2.52	1.03	21.5
XLT-SW		99.13	0.002	<0.005	0.002	<1	120.0	9.5	10.2	30	0.23	12	1.52	1.09	0.38	14.5

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LAVAL QC H7L 5A7

Finalized Date: 3-OCT-2006
Account: UZJ

Project: #505/Canalask

CERTIFICATE OF ANALYSIS VA06092312

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	Gd	Hf	Ho	La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	0.01	0.5	0.01	2	0.2	0.1	5	5	0.03	0.2	0.03	1	0.1
525827		0.08	0.2	0.02	<0.5	0.02	<2	0.2	0.3	3040	6	0.08	0.6	0.10	<1	4.5
6867863		0.13	0.2	0.03	<0.5	0.02	<2	0.2	0.3	3150	5	0.07	0.4	0.07	1	3.9
525897		1.90	2.9	0.41	9.2	0.20	<2	2.7	7.7	135	9	2.00	19.7	1.74	1	147.5
6868068		1.94	3.3	0.43	9.4	0.20	<2	2.7	7.9	102	13	2.05	19.3	1.77	1	146.0
526021		3.90	2.6	0.89	8.2	0.34	<2	5.6	10.9	80	16	2.56	10.4	3.13	1	361
6868079		3.84	2.5	0.89	8.6	0.33	<2	5.4	11.4	78	9	2.58	10.5	3.07	1	360
526593		4.11	4.0	0.89	14.7	0.37	<2	7.9	15.9	53	7	4.02	64.1	3.86	1	342
6868638		4.21	4.4	0.89	14.5	0.39	<2	7.9	16.3	50	9	3.98	62.6	3.75	1	347
XLT-SW		1.35	2.0	0.37	4.9	0.25	<2	1.8	4.8	14	5	1.23	11.4	1.16	1	97.9

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Account: UZJ

Project: #505/Canalask

CERTIFICATE OF ANALYSIS VA06092312

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	S-IR08
	Analyte	Ta	Tb	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr	S
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	0.01	0.05	0.5	0.01	0.05	5	1	0.5	0.03	5	2	0.01
525827		0.1	0.02	0.08	<0.5	0.01	<0.05	<5	1	0.5	0.08	76	5	0.06
6867863		0.1	0.02	0.05	<0.5	0.01	<0.05	<5	2	0.5	0.09	80	3	0.05
525897		0.2	0.32	2.61	0.5	0.19	1.47	47	2	10.5	1.17	52	109	0.12
6868068		0.2	0.31	2.61	0.5	0.19	1.44	47	5	10.7	1.17	54	126	0.10
526021		0.4	0.70	1.39	<0.5	0.35	0.60	315	2	23.3	2.14	97	82	0.02
6868079		0.4	0.69	1.43	<0.5	0.36	0.56	321	2	23.7	2.16	96	82	0.02
526593		0.8	0.69	3.98	0.6	0.37	1.83	258	<1	24.2	2.42	113	137	0.01
6868638		0.7	0.70	4.05	0.6	0.37	1.84	259	2	24.0	2.35	112	153	0.01
XLT-SW		0.2	0.22	1.03	<0.5	0.18	0.84	73	2	8.9	1.37	72	73	0.03

Appendix 8a: Expenditures, ANT Claim Block:

ANT 1 - 330, 332, 334, 336 Claims

Xstrata plc (Falconbridge Ltd.), August, 2006

Type of Expenditure	No. of units	Price per unit	Total Expenditure
Rock Assay Samples	33	$ 29.41	$ 970.53
Rock: Whole Rock Analysis	6	$ 60.03	$ 360.18
Soil Sampling	14	$ 26.78	$ 374.92
Silt Sampling	191	$ 26.78	$ 5,114.98
Shipping			$ 382.00
Wages: Geologist 1	11 person-days	$ 600.00	$ 6,600.00
Geologist 2	2 person-days	$ 300.00	$ 600.00
Technician 1	6 person-days	$ 300.00	$ 1,800.00
Technician 2	7 person-days	$ 230.00	$ 1,610.00
Technician 3	10 person-days	$ 200.00	$ 2,000.00
Accommodations	34 person-days	$ 150.00	$ 5,100.00
Helicopter Costs (incl fuel)	23.0 hours	$ 1,150.00	$ 26,450.00
Pre-project preparation:			$ 1,200.00
Data compilation, report writing			$ 4,000.00
		Total:	**$ 56,562.61**

N.B. All field expenditures incurred from July 19 - August 24, 2006

Appendix 8b: Expenditures, HAND et al Claim Block:

(part of POLE grid area)

HAND 1 - 27 Claims, WENG 5 - 10, RIVER 3 - 8, WR 67 - 69, 89 and 91 Claims

Xstrata plc (Falconbridge Ltd), August, 2006

Type of Expenditure	No. of units	Price per unit	Total Expenditure
Rock Assay Samples	9	$ 29.41	$ 264.69
Rock: Whole Rock Analysis	3	$ 60.03	$ 180.09
Soil Sampling	130	$ 26.78	$ 3,481.40
Silt Sampling	6	$ 26.78	$ 160.68
Shipping			$ 213.00
Wages: Geologist	6	$ 600.00	$ 3,600.00
2nd Geologist	1	$ 300.00	$ 300.00
Field Technician 1	7	$ 230.00	$ 1,610.00
Field Technician 2	4	$ 150.00	$ 600.00
Accommodations	18 person-days	$ 150.00	$ 2,700.00
Truck Rental	7	$ 80.00	$ 560.00
Line Cutting*	48	$ 350.00	$16,800
Pre-project preparation:			$1,200
Data compilation, report writing			$3,000
		Total:	**$ 34,669.86**

* Remote but surface-accessible grid; limited daily production, charged at daily rate

N.B. All field expenditures incurred from July 15 - August 8, 2006

Appendix 8c: Expenditures, PIC Claim Block:

PIC 1 - 156 Claims, KLUX 13 - 16 Claims

Xstrata plc (Falconbridge Ltd), August, 2006

Type of Expenditure	No. of units	Price per unit	Total Expenditure
Rock Assay Samples	7	$ 29.41	$ 205.87
Rock: Whole Rock Analysis	15	$ 60.03	$ 900.45
Silt Sampling	14	$ 26.78	$ 374.92
Shipping			$ 57.50
Wages:	1 manday	$ 600.00	$ 600.00
	1 manday	$ 300.00	$ 300.00
	10 mandays	$ 250.00	$ 2,500.00
Accommodations	12 mandays	$ 150.00	$ 1,800.00
Helicopter Costs (incl fuel)	8.1 hours	$ 1,150.00	$ 9,315.00
Pre-project preparation:			$ 990.00
Data compilation, report writing			$ 2,400.00
		Total:	**$ 19,443.74**

N.B. All field expenditures incurred from August 18 - 22, 2006

525000 mE
550000 mE
575000 mE
600000 mE
625000 mE
650000 mE
-140.5 °
-140 °
-139.5 °
-139 °
-138.5 °
-138 °
62 °
61.5 °
61 °
6875000 mN
6850000 mN
6825000 mN
6800000 mN
6775000 mN

Yellow (115K105)
Onion (115K077)
Epic (115F047)
Koidern
Picknandle (115F043)
Cats+& Dogs (115F041)
Doniek (115G062)
Swede Johnson (115G027)
Airways (115G025)
Linda (115G094)
Wash (115G100)
Glen (115G016)
Burwash Land
Destruction
Destruction (115G006)
Dickson (115G005)
Tony (115G098)
Silver City

Canalask *(115F045)*
- 450,000 t of 1.5% Ni, with low Cu, Co & trace Au & PGE's

AR/Musketeer (115G026)
- Auterra Ventures Inc. carried out exploration 99-00

***Wellgreen** (115G024)*
- 49,9 m.t. @ 0.36% Ni 0.35% Cu; 0.85 g/t Pt + Pd
- Historical workings

***Klu** (115G003)*
- Santoy Resources Ltd (optioned from Inco)
- Active explor 99-00
- Inco samples returned up to 3.1% Ni; 2.8% Cu; 0.2% Co; 5.5 g/t Pt + Pd + Au

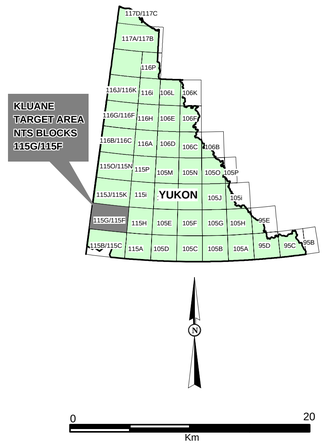
Kluane Wildlife Sanctuary
Kluane National Park
Kluane River
Kluane Lake
Denali Fault
Canada - Alaska Highway
Ice & Glacier Cover

Kluane Target Area - Geology Legend

- *Q: QUATERNARY, uncon glac dep*
- *NW: WRANGELL LAVAS, m - felsic vol rocks Miocene - Pliocene*
- *MW: WRANGELL SUITE, m vol intru/extru Mid-Late Miocene*
- *OT: TKOPE SUITE, f - inter intru Oligocene*
- *OA: AMPHITHEATRE, fluv - lacu sed Paleocene-Oligocene*
- *ES: SEWARD SUITE, f - intermed intru Eocene*
- *EKK: KLUANE RANGES SUITE, f - intermed intru Late Early Cretaceous*
- *EKP: PYROXENITE CREEK ULTRAMAFIC Late Early Cretaceous*
- *JKD: DEZADEASH, clastic seds Jurassic-Cretaceous*
- *JKS: SAINT ELIAS SUITE, felsic intrusives Jurassic-Cretaceous*
- *KY: YAKUTAT, grwke to arg seds Cretaceous*
- *KV: VALDEZ, arg, grwke seds Cretaceous*
- *uTrC: CHITISTONE, calc seds Upper Triassic*
- *uTrN: NICOLAI, bslt to and volcs Upper Triassic*
- *CPS: SKOLAI, volcs Pennsylvanian - Permian*
- *PTrK: KLUANE ULTRAMAFIC SUITE, (mineral) Triassic*
- *CPI: ICEFIELD RANGES SUITE (270-290 MA), f - inter intru Pennsylvanian - Permian*
- *PSC: STEEL CREEK SUITE, mafic intru Paleozoic - Devonian*
- *DTrI1: ICEFIELD ASSEMBLAGE., siltst, sst, calc seds Devonian - Triassic*
- *DTrI2: ICEFIELD ASSEMBLAGE, arg, f/stones & marb Devonian - Triassic*
- *SDB: BULLION, carb and clastic seds Silurian - Devonian*
- *ODG: GOATHERD, carb and clastic seds Ordovician - Devonian*
- *COD1: DONJEK ASSEMBLAGE, gwke gstone Cambrian - Ordovician*
- *COD2: DONJEK ASSEMBLAGE, gwke gstone, f/stones & ma*
- *TQS: SELKIRK, m volc Tertiary - Quaternary*
- *PW: WALSH, f volc Pliocene*
- *MPMC: MILES CANYON, m-u/m volc Miocene - Pliocene*
- *IES: SKUKUM, f volc Eocene*
- *ETN: NISLING RANGE SUITE, f intru Tertiary*
- *uKC: CARMACKS, basic - f volc Cretaceous*
- *uKW: WINDY-TABLE, m volc*
- *LKP: PROSPECTOR MOUNTAIN SUITE, f - inter volcs Cretaceous - Tertiary*
- *mKN: MOUNT NANSEN, inter volcs Cretaceous*
- *mKW: WHITEHORSE SUITE, f intru*
- *EKgT: TESLIN SUITE, f intru Cretaceous*
- *uJKT: TANTALUS, sst and arg seds Jurassic - Cretaceous*
- *MJB: BRYDE SUITE, f intru Jurassic*
- *EJgA: AISHIHIK SUITE, f intru Jurassic*
- *EJL: LONG LAKE SUITE, f intru*
- *JL: LABERGE, mainly sandstone, some shale interbedded Jurassic*
- *IJN: NORDENSKIOLD, inter volc tuffs & seds Jurassic*
- *Mg: MESOZOIC GRANITIC ROCKS UNDIVIDED Mesozoic*
- *LTrgS: STIKINE SUITE, f intru Triassic*
- *uTrAK: AKSALA, clastic carbon Triassic*
- *uTrAK2: AKSALA, arg calc seds*
- *uTrP: POVOAS, mafic volcs Triassic*
- *mTrJ: JOE MOUNTAIN, m volc Triassic*
- *uPT: TAKHINI, volc m/seds Paleozoic*
- *PMm: UNDIVIDED METAMORPHICS Protorozoic - Mesozoic*
- *PMW: WINDY, oceanic u/m Devonian - Cretaceous*
- *PMW4: WINDY,oceanic f/stone & marb*
- *PqS: SULPHUR CREEK SUITE,f intru Permian*
- *CPK: KLONDITE SCHIST, meta pel/volcs Carboniferous - Permian*
- *CPK2: KLONDIKE SUITE,meta pel/volcs*
- *PPa: AMPHIBOLITE, meta m Protorozoic - Paleozoic*
- *DMPE: PELLY GNEISS SUITE - NORTHEAST, f intru Devonian - Mississippian*
- *DMPW: PELLY GNEISS SUITE - SOUTHWEST, f intru*
- *DMN: NASINA, ggtic, qtz & schts Devonian - Mississippian*
- *DMN2: NASINA, marb, calc seds*
- *PPN: NISLING, mica qtz-fspar schists Proterozoic - Paleozoic*
- *PPN2: NISLING, calc seds*

General Legend

- Ni-Cu-PGE Showing (Minfile)
- Active Mining Operation
- Cities/Towns/Built-Up Areas
- Roads & Tracks
- Airfields
- Stream/Small River
- Large Water Body (Large River/Lake/Dam)
- Territorial Park (No staking allowed)
- Fault Traces
- Thrust Faults



Falconbridge Limited

YUKON TERRITORY
KLUANE TARGET AREA
(NTS 115F/G)

GEOLOGY

Scale: 1: 250,000
Compiled by: NF
Date: 24-Feb-2007
Projection: UTM (NAD83) - Zone 7

MAP 1

502000 mE | 504000 mE | 506000 mE | 508000 mE | 510000 mE | 512000 mE | 514000 mE | 516000 mE

6886000 mN | 6884000 mN | 6882000 mN | 6880000 mN | 6878000 mN | 6876000 mN

SANPETE CK

"Ant Block"

MARILYN CK

"MARILYN CREEK" STOCK

MARILYN CREEK

WARNER CREEK

BEAVER CREEK

MANSON BROOK

White River First Nation Class A parcel

Poss. subvolcanic dior-gabbro

Diorite

Bas, w/s mod magnetic

Por basalt (phenocrysts) strongly magnetic

Dior, wk. mag. 2-3% Po/Py

Gab Pyx, talc

Gabbro, Pyx dykes

Gab, Pyx-gab dykes

Dominant jt fabric

Gab-Dior Pyx dykes

Gab Pyx dykes

bas-Gab +Pyx dykes

Gab, serp

Gab, cgr, serp

Gab-bar ep.chl, loc serp

Gab (Pyx?)

Bas, carb, minor Qvns

Bas, epidote amygdules

Dior, Carb alt

Gab, serp

Amyg bas ep, tr, Cpy

Amyg bar ep, tr, Cpy

Gab, serp, mag-br, carb alt

Gabbro (Pyx?) serp

gr; carb, ilm, Q, V

Gr, Sil, ilm

Gr, sil, tr Pyrite

Bas Minor Shale frags

Basalt

Olivine Gabbro

"MANSON BROOK" occurrence

Basalt, minor Mal Black chert

Bas, strong lim sil alt, wk arg, phy, 6-7% Py

Alt-Fels: sil-qz-carb-fels

Bas, qtz-carb-alt

Fcl, 1-3% Py

Bas, str magnetic

Amyg, Bas hem carb alt

Ves. Basalt

Boulder, Gossan 1-2% Py

Gab

very large Dior blds?

Sliderock Gab +/- Bas

Fairly abnt float: Po +/- Cry in basalt

Arg

Arg?

And-bas tuff

chl, wk ep alt

And, loc red gossans

xtalline Lst

Bas-and

And, QVns

And-bas calc vns

Dac-And

And-Dac

Dac-And

And-bas?

Med bedded seds

Bas, cb vns

Qz-carb cpy vn

Bas, tuff

Bas wk Shear

Bas

Bas, carb, sil

F, P, Bas, sil

Bas, Qz-carb, marg?

F.P.Bas

Clast beds

Bas beds (clastics)

Arg, lam gouge

Arg, thick bedded incl fossil 1st

Bas, carb

F, P, Bas

Silt-shale

shale

Sh-fine clastics

graph blk shale

silt-sh, cren

Sh, wk cren

arg-sh

basalt, wk carb

gab-bas

Bas, wk carb alt

Explosive Brescia

F.P. And Ch brecc

And-Bas

Qvn brecc chert

F.P.Bas

And

Gossan arg, Py sil

Lst

Bas, serp

Dior, serp

F.P.Bas Gossan

F.P.Bas, wk gossan

And tuff

F.P.Bas flow, hem

Gab dyke

Arg-slt intercalated w. basalt Gab

Dior, Sheared Mal

Fine clastics

sh-slt

Sheared Dior Argillite

Bas, intercal w. fine clastic seds

Arg

Thin bedded Fine clastics calt-mst

Fine clastics intercal w. bars

Fine clastics

Fine clastics /gab

Fine clastics

No o/c

Gab, serp

Sh-mst, cale

T-Hble por Bas

Seds

Seds, rusty hor., tr Py

Arg/Sil

Arg/Slt

R/C Dior, k-alt?

R/C-F.P. Bas lap tuff

Bas

sh-mst, sst

Carb vn, Sph-Cpy, Po

Interbed, ch, sst, sh, slst

Fairly abnt Gab, fr

C.P.

C, P

No o/c

No o/c

LEGEND

KLUANE INTRUSIVES (?) (mid-Cretaceous)
Granite, commonly carbonate-altered

Thin-medium bedded, locally thick-bedded fine clastic sediments, largely siltstone to shale; minor sandstone-conglomerate and fossiliferous limestone

NIKOLAI FORMATION (early mid-Triassic)
Basalt, feldspar porphyritic basalt, locally amygdaloidal basalt, commonly magnetic

NIKOLAI FORMATION
Gabbro, commonly melanocratic and serpentinized, producing green black colouration

WHITE RIVER INTRUSIVE COMPLEX (early Triassic)
Pyroxenite dykes, 0.5-3m wide, extending through gabbro along Marilyn Creek - age relationship indicates dykes postdate gabbro emplacement

SYMBOLS

- Strike and Dip of Secondary Feature (foliation)
- Strike and Deip of Bedding (Primary Feature)
- Strike and Dip of Jointing
- Strike and Dip of Shear Zone
- Strike and Dip of Vein
- Strike and Dip of Dyke
- Younging Direction
- Outcrop
- Boulder Field/Rubblecrop
- Boulder location
- Cut grid lines; mapped & surveyed; estimated segment
- Fault
- Geological contact
- Trail
- Stream; Intermittent stream
- Cliff
- Claim Post
- UTEM Loop

ABBREVIATIONS

Alt: Altered
Amyg: Amygdaloidal
And: Andesite
Arg: Argillite
arg: Argillic alteration
Bas: Basalt
Bio: Biotite
Bed: Bedded
Brecc: Brecciated
Cal: Calcite

Carb: Carbonate
Ch: Chert
Chl: Chlorite
Cong: Conglomerate
Cpy: Chalcopyrite
Cren: Crenulated
Dac: Dacite
Dior: Diorite
Ep: Epidote
F.P.: Feldspar Porphyritic
Fol: Foliated
Frac: Fractured
Gab: Gabbro

Gr: Granite
Hem: Hematite
Hble: Hornblende

Hfels: Hornfelsed
K-alt: Potassic Alteration
Lim: Limonite
Lst: Limestone
Lsst: Limy sandstone
Mag: Magnetite
Mal: Malachite
Mo: Molybdenite
Monz: Monzonite
Mst: Mudstone
o/c: Outcrop
Phy: Phyllic Alteration

Po: Pyrrhotite
Py: Pyrite
Pyx: Pyroxenite
QPor: Quartz Porphyry
QVns: Quartz Veins

Qtz: Quartz
R/C: Rubblecrop
S/C: Subcrop
Serp: Serpentinite (alteration)
Sh: Shale
Sil: Silicified
Slt: Siltstone
Sst: Sandstone
Volc: Volcanic
Vn: Vein
Wk: Weak
Xlt: Crystal Tuff

ZONE 14

Date: 12/16/2006
Author:
Office:
Drawing: WR_Ant_20k.wor
Scale: 1:20000

WHITE RIVER NICKEL PROJECT
Falconbridge Ltd.
"ANT BLOCK"
2006 Program

Projection: UTM Zone 7 (NAD 83)

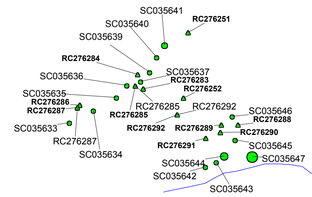
0 250 500 1000
metres

502000 mE 504000 mE 506000 mE 508000 mE 510000 mE 512000 mE 514000 mE 516000 mE

6886000 mN 6884000 mN 6882000 mN 6880000 mN 6878000 mN 6876000 mN

N

Inset Map:
Soil, Silt, Rock & Wholerock



See inset map for detail

Cr Geochem (Ant) in Silt
- 600 to 800
- 450 to 600
- 300 to 450
- 150 to 300
- 0 to 150

Cr Geochem (Ant) in Wholerock
- 400 to 500
- 300 to 400
- 200 to 300
- 100 to 200
- 0 to 100

Cr Geochem (Ant) in Soil
- 200 to 250
- 150 to 200
- 100 to 150
- 50 to 100
- 0 to 50

Cr Geochem (Ant) in Rock
- 600 to 700
- 500 to 600
- 400 to 500
- 300 to 400
- 200 to 300
- 100 to 200
- 0 to 100

Map 2c

ZONE14

Date: 12/16/2006
Author:
Office:
Drawing: WR_Ant_20k.wor
Scale: 1:20000
Projection: UTM Zone 7 (NAD 83)

WHITE RIVER NICKEL PROJECT
Falconbridge Ltd.
"ANT BLOCK"
Cr Geochemical Map (2006)

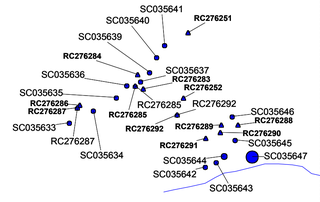
0 250 500 1000
metres

502000 mE 504000 mE 506000 mE 508000 mE 510000 mE 512000 mE 514000 mE 516000 mE

6886000 mN 6884000 mN 6882000 mN 6880000 mN 6878000 mN 6876000 mN

N

Inset Map:
Soil, Silt, Rock & Wholerock



See inset map for detail

Ni Geochem (Ant) in Silt
- 200 to 250
- 150 to 200
- 100 to 150
- 50 to 100
- 0 to 50

Ni Geochem (Ant) in Wholerock
- 150 to 200
- 100 to 150
- 75 to 100
- 50 to 75
- 25 to 50
- 0 to 25

Ni Geochem (Ant) in Soil
- 125 to 150
- 100 to 125
- 75 to 100
- 50 to 75
- 25 to 50
- 0 to 25

Ni Geochem (Ant) in Rock
- 300 to 350
- 250 to 300
- 200 to 250
- 150 to 200
- 100 to 150
- 50 to 100

Map 2b

ZONE14

Date: 12/16/2006
Author:
Office:
Drawing: WR_Ant_20k.wor
Scale: 1:20000
Projection: UTM Zone 7 (NAD 83)

WHITE RIVER NICKEL PROJECT
Falconbridge Ltd.
"ANT BLOCK"
Ni Geochemical Map (2006)

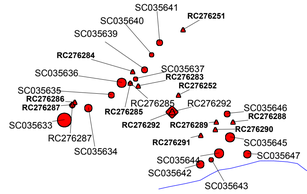
0 250 500 1000
metres

502000 mE | 504000 mE | 506000 mE | 508000 mE | 510000 mE | 512000 mE | 514000 mE | 516000 mE

6886000 mN | 6884000 mN | 6882000 mN | 6880000 mN | 6878000 mN | 6876000 mN

N

Inset Map:
Soil, Silt, Rock & Wholerock



See inset map for detail

Cu Geochem (Ant) in Silt
- 200 to 250
- 150 to 200
- 100 to 150
- 50 to 100
- 0 to 50

Cu Geochem (Ant) in Wholerock
- 500 to 606
- 400 to 500
- 300 to 400
- 200 to 300
- 100 to 200
- 0 to 100

Cu Geochem (Ant) in Soil
- 300 to 351
- 250 to 300
- 200 to 250
- 150 to 200
- 100 to 150
- 50 to 100
- 0 to 50

Cu Geochem (Ant) in Rock
- 2,000 to 2,500
- 1,500 to 2,000
- 1,000 to 1,500
- 500 to 1,000
- 0 to 500

Map 2d

ZONE14

Date: 12/16/2006
Author:
Office:
Drawing: WR_Ant_20k.wor

WHITE RIVER NICKEL PROJECT
Falconbridge Ltd.
"ANT BLOCK"
Cu Geochemical Map (2006)

Scale: 1:20000
Projection: UTM Zone 7 (NAD 83)

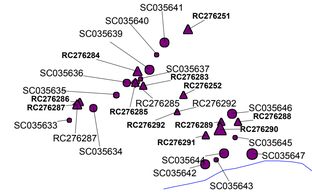
0 250 500 1000
metres

502000 mE 504000 mE 506000 mE 508000 mE 510000 mE 512000 mE 514000 mE 516000 mE

6886000 mN 6884000 mN 6882000 mN 6880000 mN 6878000 mN 6876000 mN

N

Inset Map:
Soil, Silt, Rock & Wholerock



Au Geochem (Ant) in Silt
- 0.7 to 0.8
- 0.6 to 0.7
- 0.5 to 0.6
- 0.4 to 0.5
- 0.3 to 0.4
- 0.2 to 0.3
- 0.1 to 0.2
- 0 to 0.1

Au Geochem (Ant) in Wholerock
- 0.005 to 0.006
- 0.004 to 0.005
- 0.003 to 0.004
- 0.002 to 0.003
- 0.001 to 0.002
- 0.0005 to 0.001
- 0 to 0.0005

Au Geochem (Ant) in Soil
- 0.03 to 0.04
- 0.02 to 0.03
- 0.01 to 0.02
- 0.005 to 0.01
- 0 to 0.005

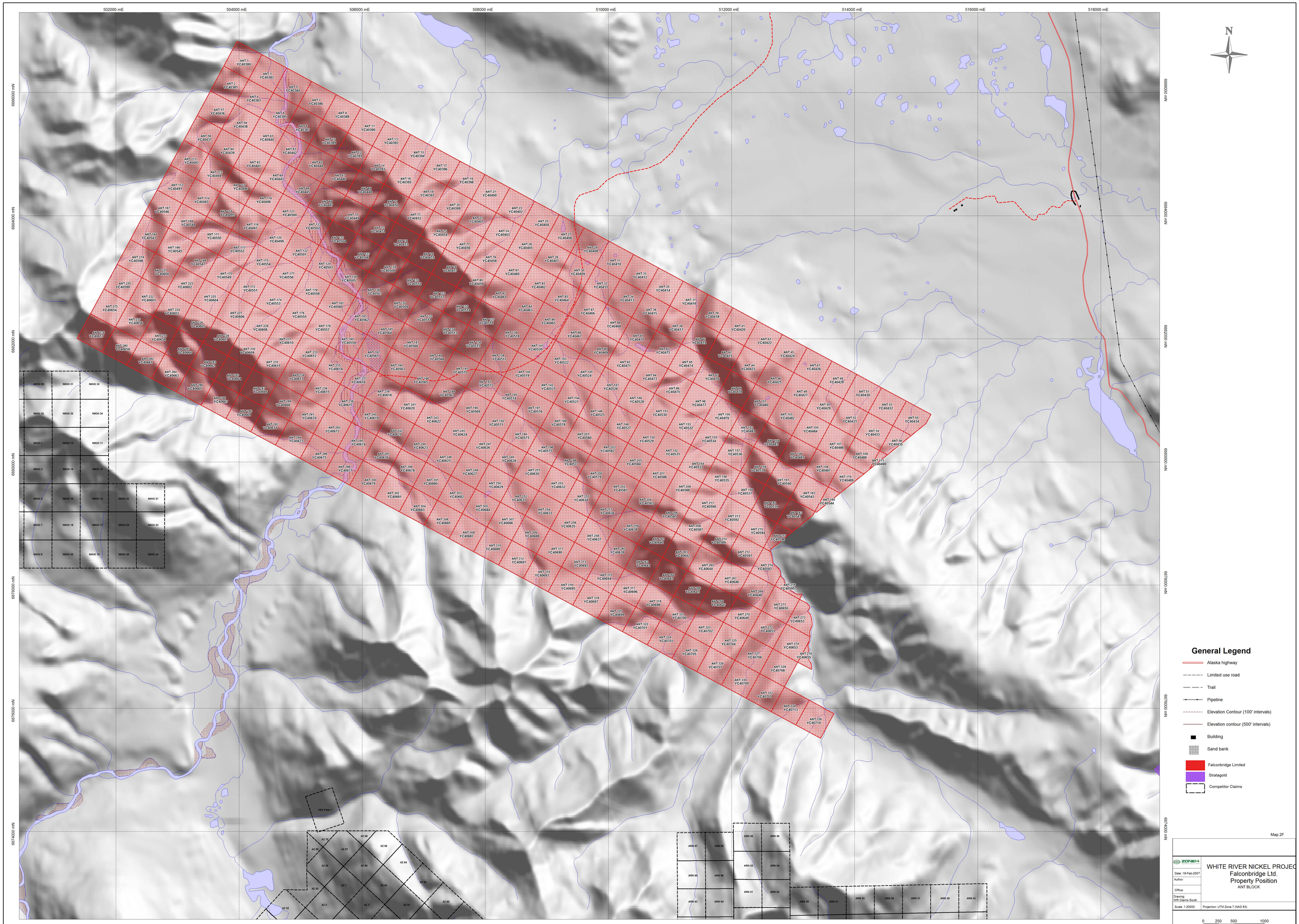
Au Geochem (Ant) in Rock
- 0.2 to 0.402
- 0.1 to 0.2
- 0.01 to 0.1
- 0.001 to 0.01
- 0.0005 to 0.001
- 0 to 0.0005

Map 2e

ZONE14

Date: 12/16/2006	WHITE RIVER NICKEL PROJECT Falconbridge Ltd. "ANT BLOCK" Au Geochemical Map (2006)
Author:	
Office:	
Drawing: WR_Ant_20k.wor	
Scale: 1:20000	Projection: UTM Zone 7 (NAD 83)

0 250 500 1000
metres


502000 mE
504000 mE
506000 mE
508000 mE
510000 mE
512000 mE
514000 mE
516000 mE
518000 mE
6886000 mN
6884000 mN
6882000 mN
6880000 mN
6878000 mN
6876000 mN
6874000 mN
N
NKOG 29
NKOG 31
NKOG 33
NKOG 30
NKOG 32
NKOG 34
NKOG 1
NKOG 12
NKOG 11
NKOG 3
NKOG 14
NKOG 13
NKOG 5
NKOG 16
NKOG 15
NKOG 22
NKOG 21
NKOG 7
NKOG 18
NKOG 17
NKOG 24
NKOG 23
NKOG 9
NKOG 20
NKOG 19
NKOG 26
NKOG 25
FRY PAN 1
AZ 70
AZ 68
AZ 69
AZ 67
AZ 66
AZ 56
AZ 55
AZ 64
AZ 54
AZ 1
AZ 63
AZ 62
AZ 53
AZ 2
AZ 3
AZ 61
AZ 60
AZ 52
ARN 66
ARN 68
ARN 67
ARN 65
ARN 63
ARN 64
ARN 61
ARN 62
ARN 29
ARN 31
ARN 33
ARN 35
ARN 37
ARN 39
ARN 41
General Legend
Alaska highway
Limited use road
Trail
Pipeline
Elevation Contour (100' intervals)
Elevation contour (500' intervals)
Building
Sand bank
Falconbridge Limited
Stratagold
Competitor Claims
Map 2F
ZONE14
WHITE RIVER NICKEL PROJEC
Falconbridge Ltd.
Property Position
ANT BLOCK
Date: 19-Feb-2007
Author:
Office:
Drawing:
WR Claims South
Scale: 1:20000
Projection: UTM Zone 7 (NAD 83)
0
250
500
1000
metres

GEOLOGY LEGEND

QUATERNARY

- Q — Unconsolidated glacial, glaciofluvial and galciolacustrine deposits

KLUANE RANGES SUITE (Late Early Cretaceous)

- EKK — Biotite granodiorite, quartz diorite, quartz monzonite, hornblende diorite

NIKOLAI GROUP (Triassic)

- NG-LMST — Thin bedded bioclastic limestone, interpreted / observed
- VOLC — Lapilli tuff, volcanic breccia, interpreted / observed
- BSLT — Amygdaloidal basalt (subaerial), interpreted / observed

WHITE RIVER MAFIC-ULTRAMAFIC COMPLEX (Triassic)

- QZCB — Quartz-carbonate alteration halo along the margin of the White River Mafic-Ultramafic Complex
- GAB — Gabbro, interpreted / observed
- PYRX — Pyroxenite, clinopyroxenite, interpreted / observed
- WRIC — Mafic/Ultramafic rock unspecified
- PERD — Peridotite, interpreted / observed
- DUN — Dunite, interpreted / observed

SKOLAI GROUP (Pennsylvanian to Permian)

- CPS — Skolai Group rocks, unsubdivided
- ARGIL — Argillite, interpreted / observed
- CHRT — Chert, interpreted / observed
- QTZT — Quartzite, interpreted / observed
- LMST — Limestone, interpreted / observed
- GRWK — Greywacke, conglomerate, interpreted / observed
- DIOR — Diorite, interpreted / observed
- ANDS — Andesitic volcanics & volcaniclastics, interpreted / observed
- BSLT — Basalt, interpreted / observed

WINDY GROUP (Devonian to Cretaceous)

- PMW — Oceanic assemblage; chert, greenstone and ultramafic rocks.

Rock Sample Legend

- Grab sample with > 1.00% Ni (actual values plotted on map).
- Grab sample with 0.50 to 1.00% Ni
- Grab sample with 0.20 to 0.50% Ni
- Grab sample with < 0.20% Ni

General Legend

- Alaska highway
- Limited use road
- Trail
- Pipeline
- Elevation Contour (100' intervals)
- Elevation contour (500' intervals)
- Building
- Sand bank
- Mineralized zone
- Mineralized zone / showing
- Diamond drill hole projected to surface
- Trench / chip sample
- Max-Min Conductor
- VLF Conductor
- IP Anomaly

N.B. See Geophysics Map for Airborne EM symbols legend

N (UTM)

0 200 400 600 800 1000
Meters

Scale: 1:10,000

Map 3A

FALCONBRIDGE LIMITED

CANALASK PROJECT, YUKON TERRITORY

GEOLOGY COMPILATION NORTHWEST SHEET New Mapping 2006

Compiled by: Zone14
Date: 10-Mar-2006
Projection: UTM Zone 7, NAD83

N

(UTM)

0 200 400 600 800 1000

Meters

Scale: 1:10,000

Geochemical Legend

Ni Geochem (Onion) in Rock

- 2,500 to 3,000
- 2,000 to 2,500
- 1,500 to 2,000
- 1,000 to 1,500
- 500 to 1,000
- 0 to 500

Ni Geochem (Onion) in Wholerock

- 2,500 to 3,150
- 2,000 to 2,500
- 1,500 to 2,000
- 1,000 to 1,500
- 500 to 1,000
- 0 to 500

Ni Geochem (Onion) in Silt

- 2,000 to 2,500
- 1,500 to 2,000
- 1,000 to 1,500
- 500 to 1,000
- 0 to 500

General Legend

- Alaska highway
- Limited use road
- Trail
- Pipeline
- Elevation Contour (100' intervals)
- Elevation contour (500' intervals)
- Building
- Sand bank
- Property Outline
- UTEM Geophysical Grid
- UTEM Loop

Map 3b

FALCONBRIDGE LIMITED

CANALASK PROJECT, YUKON TERRITORY

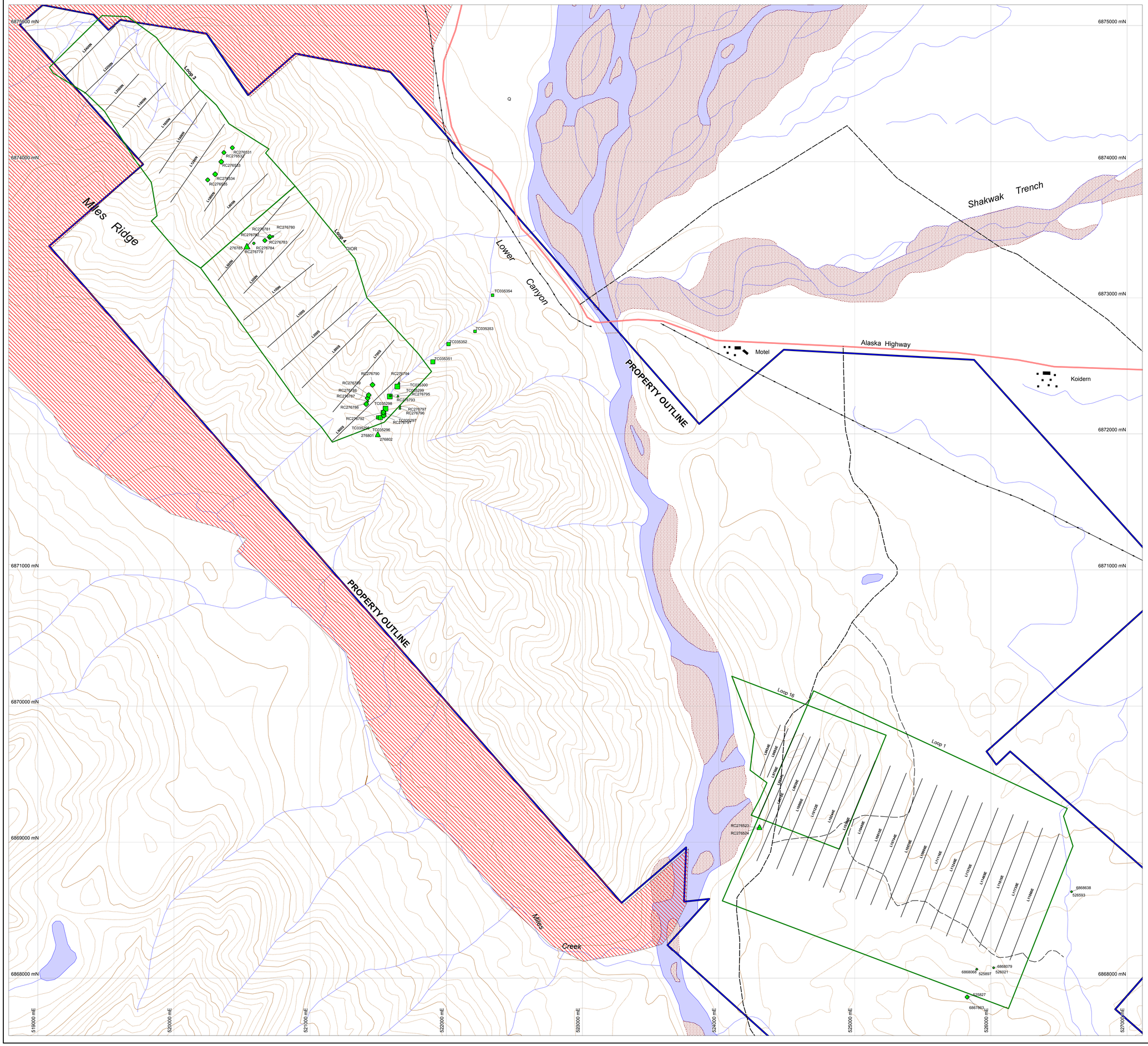
GEOCHEMICAL COMPILATION NORTHWEST SHEET

Ni (Silt, Rock, Wholerock) 2006

Compiled by: Zone 14

Date: 16-Feb-2006

Projection: UTM Zone 7, NAD83



N

(UTM)

0 200 400 600 800 1000

Meters

Scale: 1:10,000

Geochemical Legend

Cr Geochem (Onion) in Rock

- 150 to 200
- 100 to 150
- 75 to 100
- 50 to 75
- 25 to 50
- 0 to 25

Cr Geochem (Onion) in Wholerock

- 6,000 to 7,500
- 4,500 to 6,000
- 3,000 to 4,500
- 1,500 to 3,000
- 0 to 1,500

Cr Geochem (Onion) in Silt

- 4,000 to 5,000
- 3,000 to 4,000
- 2,000 to 3,000
- 1,000 to 2,000
- 0 to 1,000

General Legend

- Alaska highway
- Limited use road
- Trail
- Pipeline
- Elevation Contour (100' intervals)
- Elevation contour (500' intervals)
- Building
- Sand bank
- Property Outline
- UTEM Geophysical Grid
- UTEM Loop

Map 3c

FALCONBRIDGE LIMITED

CANALASK PROJECT, YUKON TERRITORY

GEOCHEMICAL COMPILATION NORTHWEST SHEET

Cr (Silt, Rock, Wholerock) 2006

Compiled by: Zone 14

Date: 16-Feb-2006

Projection: UTM Zone 7, NAD83

N

(UTM)

0 200 400 600 800 1000

Meters

Scale: 1:10,000

Miles Ridge

Loop 3

Loop 4

DIOR

Lower Canyon

Shakwak Trench

Alaska Highway

Motel

Koidern

PROPERTY OUTLINE

Loop 16

Loop 1

Miles Creek

Q

Geochemical Legend

Cu Geochem (Onion) in Rock

- 8,000 to 10,000
- 6,000 to 8,000
- 4,000 to 6,000
- 2,000 to 4,000
- 0 to 2,000

Cu Geochem (Onion) in Wholerock

- 8,000 to 10,000
- 6,000 to 8,000
- 4,000 to 6,000
- 2,000 to 4,000
- 0 to 2,000

Cu Geochem (Onion) in Silt

- 600 to 750
- 450 to 600
- 300 to 450
- 150 to 300
- 0 to 150

General Legend

- Alaska highway
- Limited use road
- Trail
- Pipeline
- Elevation Contour (100' intervals)
- Elevation contour (500' intervals)
- Building
- Sand bank
- Property Outline
- UTEM Geophysical Grid
- UTEM Loop

Map 3d

FALCONBRIDGE LIMITED

CANALASK PROJECT, YUKON TERRITORY

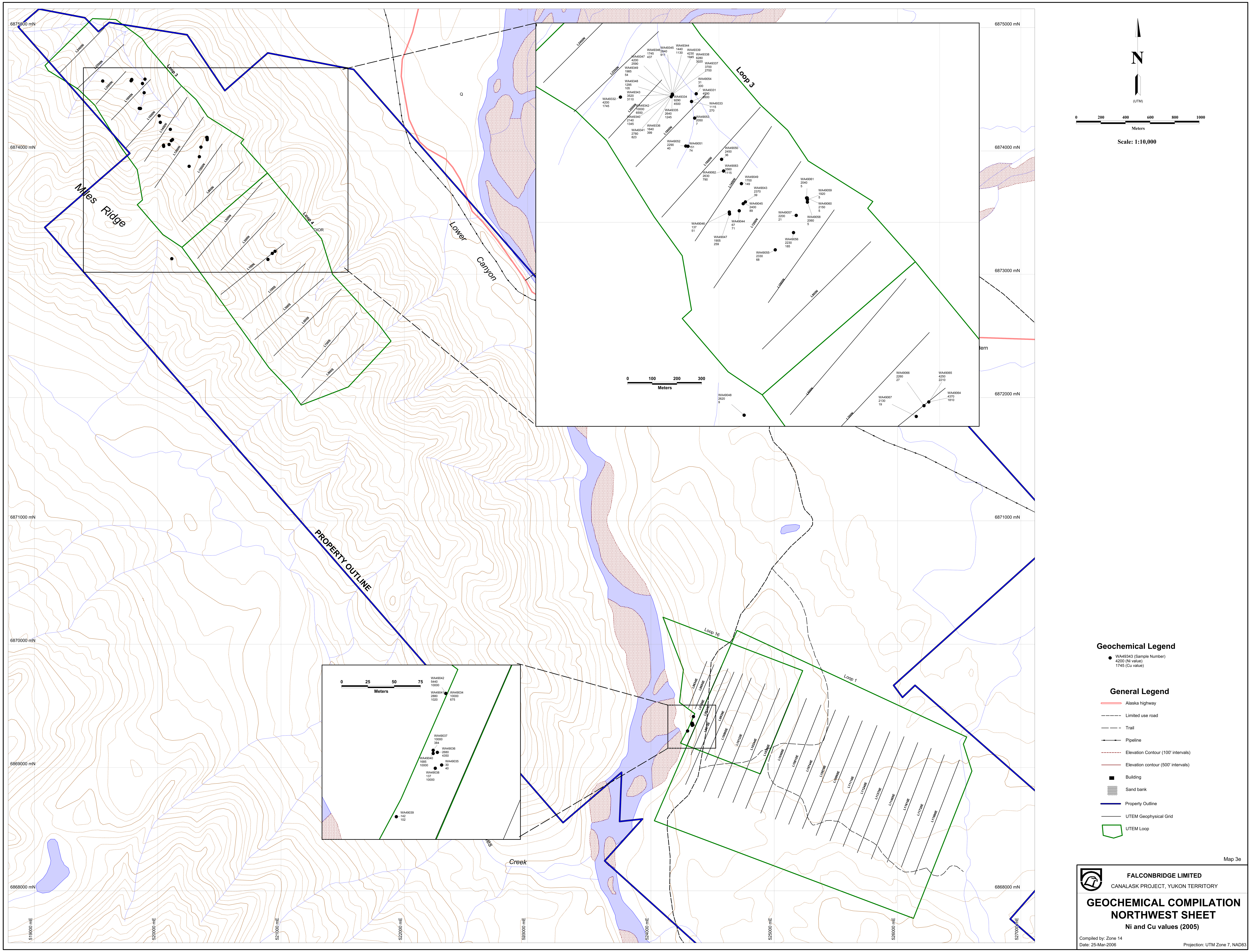
GEOCHEMICAL COMPILATION NORTHWEST SHEET

Cu (Silt, Rock, Wholerock) 2006

Compiled by: Zone 14

Date: 16-Feb-2006

Projection: UTM Zone 7, NAD83



Geochemical Legend

- WA49343 (Sample Number)
  4200 (Ni value)
  1745 (Cu value)

General Legend

- Alaska highway
- Limited use road
- Trail
- Pipeline
- Elevation Contour (100' intervals)
- Elevation contour (500' intervals)
- Building
- Sand bank
- Property Outline
- UTEM Geophysical Grid
- UTEM Loop

Map 3e

FALCONBRIDGE LIMITED

CANALASK PROJECT, YUKON TERRITORY

GEOCHEMICAL COMPILATION NORTHWEST SHEET

Ni and Cu values (2005)

Compiled by: Zone 14
Date: 25-Mar-2006
Projection: UTM Zone 7, NAD83

512000 mE 514000 mE 516000 mE 518000 mE 520000 mE 522000 mE 524000 mE 526000 mE 528000 mE 530000 mE

6880000 mN 6878000 mN 6876000 mN 6874000 mN 6872000 mN 6870000 mN 6868000 mN 6866000 mN 6864000 mN

N

Horsecamp Hill

White River

Miles Ridge

Sanpete Creek

Nutzotin Mountains

Miles Creek

Lower Canyon

Alaska Highway

Koidern

Mount Taylor

Kuskulana River

Nutzotin Mountains

General Legend

- Alaska highway
- Limited use road
- Trail
- Pipeline
- Elevation Contour (100' intervals)
- Elevation contour (500' intervals)
- Building
- Sand bank
- Falconbridge Limited
- Stratagold
- Competitor Claims

Map 3F

ZONE14

Date: 19-Feb-2007

Author:

Office:

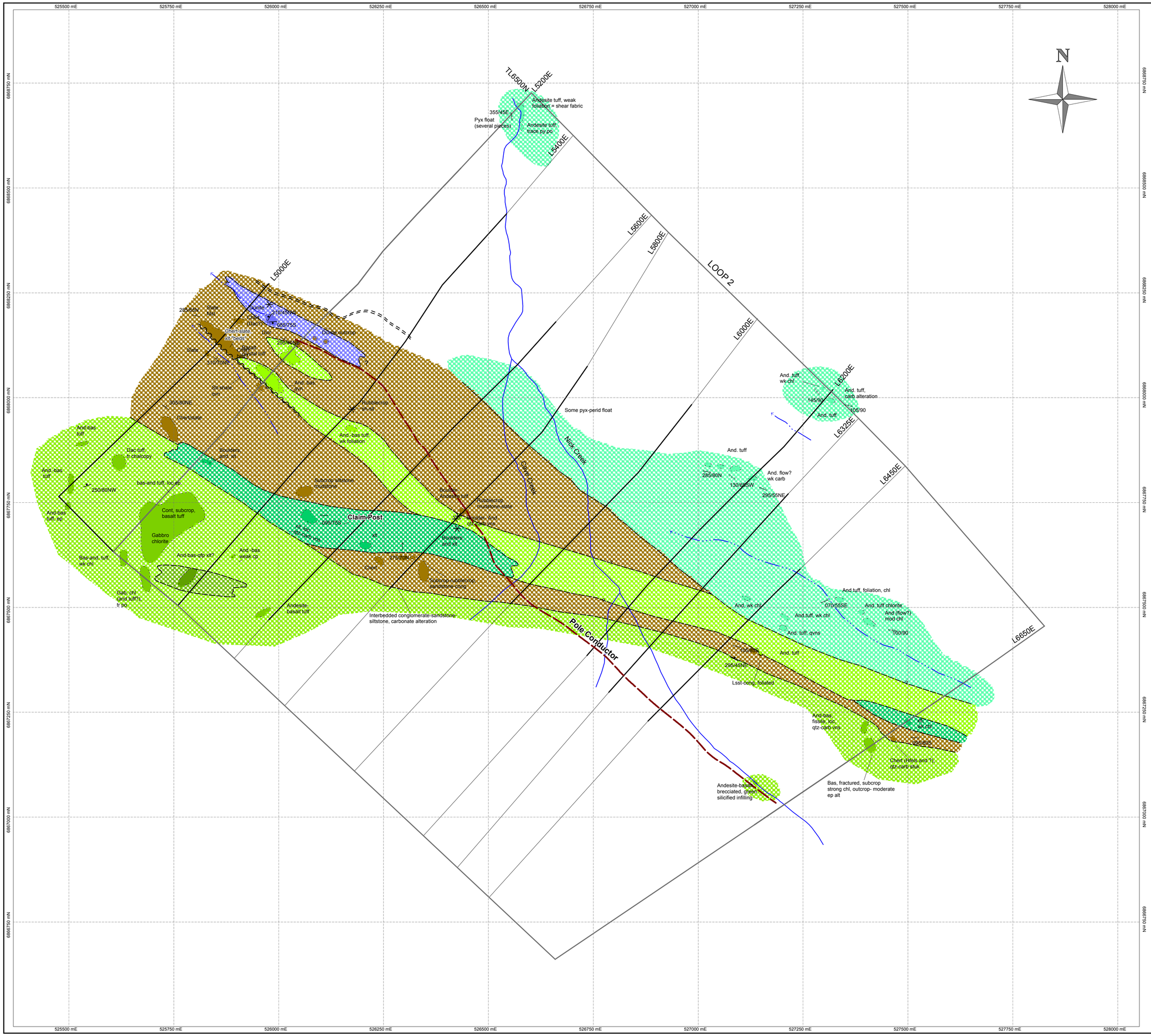
Drawing: WR Claims South

WHITE RIVER NICKEL PROJEC
Falconbridge Ltd.
Property Position
ONION/CANALASK BLOCK

Scale: 1:20000

Projection: UTM Zone 7 (NAD 83)

0 250 500 1000
metres



LEGEND

MIDDLE-UPPER TRIASSIC

6 Nikolai Volcanics: Andesite-basalt tuffs and amygdaloidal flows; includes limited crystal tuff, minor gabbro (subvolcanic?)

6a - crystal tuff?

MIDDLE TRIASSIC

5 White River Mafic-Ultramafic Complex Dunite, med-fine grained, unaltered, equigranular

LOWER-MIDDLE PERMIAN

4 Hasen Creek Formation: Basaltic-andesitic crystal tuff, fairly equigranular, interbedded with Hasen Creek chert and fine clastics

3 Hasen Creek Formation: Slate-mudstone lesser sandstone-conglomrate. Includes chert horizons with indistinct bedding (possibly hornfelsed andsite-dacite?)

UPPER PENNSYLVANIAN-LOWER PERMIAN

2 Station Creek Volcanics: Fine-medium grained andesite tuff, may include minor flow units. Composition more felsic than Nikolai Volcanics

UNCLASSIFIED VOLCANICS (PRE-TRIASSIC?)

1 Andsite-basalt, primarily tuffs; "intermediate" composition between Nikolai and Station Creek Volcanics

SYMBOLS

- Strike and Dip of Secondary Feature (foliation)
- Strike and Dip of Bedding (Primary Feature)
- Strike and Dip of Jointing
- Strike and Dip of Shear Zone
- Strike and Dip of Vein
- Strike and Dip of Dyke
- Younging Direction
- Outcrop
- Boulder Field/Rubblecrop
- Boulder location
- Cut grid lines; mapped & surveyed; estimated segment
- Fault
- Geological contact
- Trail
- Stream; Intermittent stream
- Cliff
- Claim Post
- UTEM Loop

ABBREVIATIONS

Alt: Altered
And: Andesite
Arg: Argillite
arg: Argillitic alteration
Bas: Basalt
Bio: Biotite
Bed: Bedded
Brecc: Brecciated
Cal: Calcite

Carb: Carbonate
Ch: Chert
Chl: Chlorite
Cong: Conglomerate
Cpy: Chalcopyrite
Cren: Crenulated
Dac: Dacite
Dior: Diorite
Ep: Epidote
F.P.: Feldspar Porphyritic
Fol: Foliated
Frac: Fractured
Gab: Gabbro

Gr: Granite
Hem: Hematite
Hble: Hornblende

Hfels: Hornfelsed
K-alt: Potassic Alteration
Lim: Limonite
Lst: Limestone
Lsst: Limy sandstone
Mag: Magnetite
Mal: Malachite
Mo: Molybdenite
Monz: Monzonite
Mst: Mudstone
o/c: Outcrop
Phy: Phyllic Alteration

Po: Pyrrhotite
Py: Pyrite
Pyx: Pyroxenite
QPor: Quartz Porphyry
QVns: Quartz Veins

Qtz: Quartz
R/C: Rubblecrop
S/C: Subcrop
Serp: Serpentinite (alteration)
Sh: Shale
Sil: Silicified
Slt: Siltstone
Sst: Sandstone
Volc: Volcanic
Vn: Vein
Wk: Weak
Xlt: Crystal Tuff

Map 4a

ZONE14 MINERAL EXPLORATION

CAN-ALASK BLOCK
White River Nickel Project
FALCONBRIDGE LTD.
"POLE GRID"

Date:3/12/2006
Author:
Office:

Scale: 1:5000
Projection: UTM Zone 7 (NAD 83)

0 75 150 300
metres

525500 mE 525750 mE 526000 mE 526250 mE 526500 mE 526750 mE 527000 mE 527250 mE 527500 mE 527750 mE 528000 mE

6888750 mN 6888500 mN 6888250 mN 6888000 mN 6887750 mN 6887500 mN 6887250 mN 6887000 mN 6886750 mN

TL6500N L5200E L5400E L5600E L5800E LOOP 2 L6000E L6200E L6325E L6450E L6650E

RC276265 RC276263 RC276264 RC276266

SC276901 SC276902 RC276267 SC276903 SC276904 SC276905 RC276259 SC276906 SC276907 SC276908 SC276909 SC276910 SC276911 SC276912 SC276913 SC276914 SC276915 SC276916 SC276917 SC276918 SC276919 SC276920 SC276921 SC276513 SC276922 SC276923 SC276924 SC276926 SC276927 SC276928 RC276260 RC276268 SC276929 SC276930 SC276931 SC276932 SC276933 RC276262 RC276261 SC276934 SC276935 SC276936 SC276937 SC276938 SC276939 SC276940 SC276941 SC276942 SC276943 SC276944 SC276945 SC276946 SC276947 SC276948 SC276949 SC276950 SC276951 SC276952 SC276953 SC276954 SC276955 TC276300 SC276956 SC276957 SC276958 SC276959 SC276960 SC276961 TC276299 SC276962 SC276963 SC276964 SC276965 SC276966 SC276967 SC276968 SC276969 SC276970 SC276971 SC276972 SC276973 SC276974 SC276975 SC276976 SC276977 SC276978 SC276979 SC276980 SC276981 TC276298 SC276982 SC276983 SC276984 SC276985 SC276986 SC276987 SC276988 TC276295 SC276989 SC276990 SC276991 SC276992 SC276993 SC276994 SC276995 SC276996 SC276997 SC276998 TC276296 SC276999 SC277000 SC276701 SC276703 SC276702 SC276704 TC276297 SC276705 SC276706 SC276707 SC276708 SC276709 SC276710 RC276269 SC276711 SC276712 SC276713 SC276714 SC276715 SC276716 SC276717 SC276718 TC276294 SC276719 SC276720 SC276721 SC276722 SC276723 SC276724 SC276725 SC276726 SC276727 SC276728 SC276729 SC276730 SC276731 SC276732 SC276733 SC276734 SC276735 SC276736 SC276737 SC276738 SC276740 SC276741 SC276742 SC276743 SC276744 SC276745 SC276746 SC276747 SC276748 SC276749 SC276750 SC035451 SC035452 SC035453 SC035454 SC035455 SC035456 SC035457 SC035458 SC035459 SC035460 SC035461

Pole Conductor

N

Ni Geochem (Pole) in Soil
- 400 to 450
- 300 to 400
- 250 to 300
- 200 to 250
- 150 to 200
- 100 to 150
- 50 to 100
- 0 to 50

Ni Geochem (Pole) in Rock
- 4 to 5
- 3 to 4
- 2 to 3
- 1 to 2
- 0 to 1

Ni Geochem (Pole) in Silt
- 250 to 360
- 200 to 250
- 150 to 200
- 100 to 150
- 50 to 100
- 0 to 50

Trail
Stream; Intermittent stream
Cliff
Claim Post
UTEM Loop

Map 4b

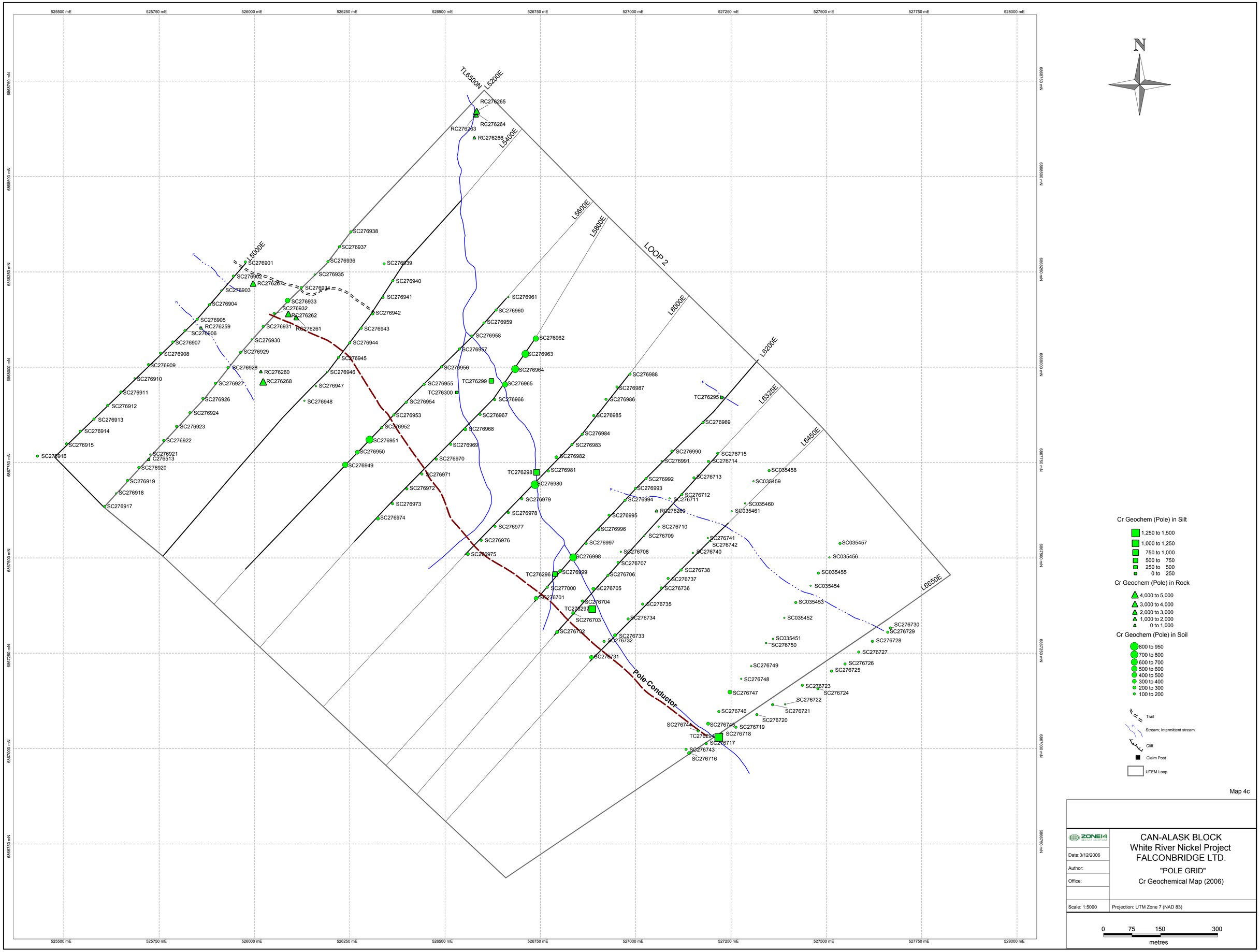
ZONE14 EXPLORATION SERVICES

CAN-ALASK BLOCK
White River Nickel Project
FALCONBRIDGE LTD.
"POLE GRID"
Ni Geochemical Map (2006)

Date:3/12/2006
Author:
Office:

Scale: 1:5000
Projection: UTM Zone 7 (NAD 83)

0 75 150 300
metres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525750 mE
526000 mE
526250 mE
526500 mE
526750 mE
527000 mE
527250 mE
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6888750 mN
6888500 mN
6888250 mN
6888000 mN
6887750 mN
6887500 mN
6887250 mN
6887000 mN
6886750 mN
N
L6500N L5200E
L5400E
L5600E
L5800E
LOOP 2
L6000E
L6200E
L6325E
L6450E
L6650E
L5000E
Pole Conductor
RC276265
RC276264
RC276263
RC276266
RC276267
RC276262
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RC276268
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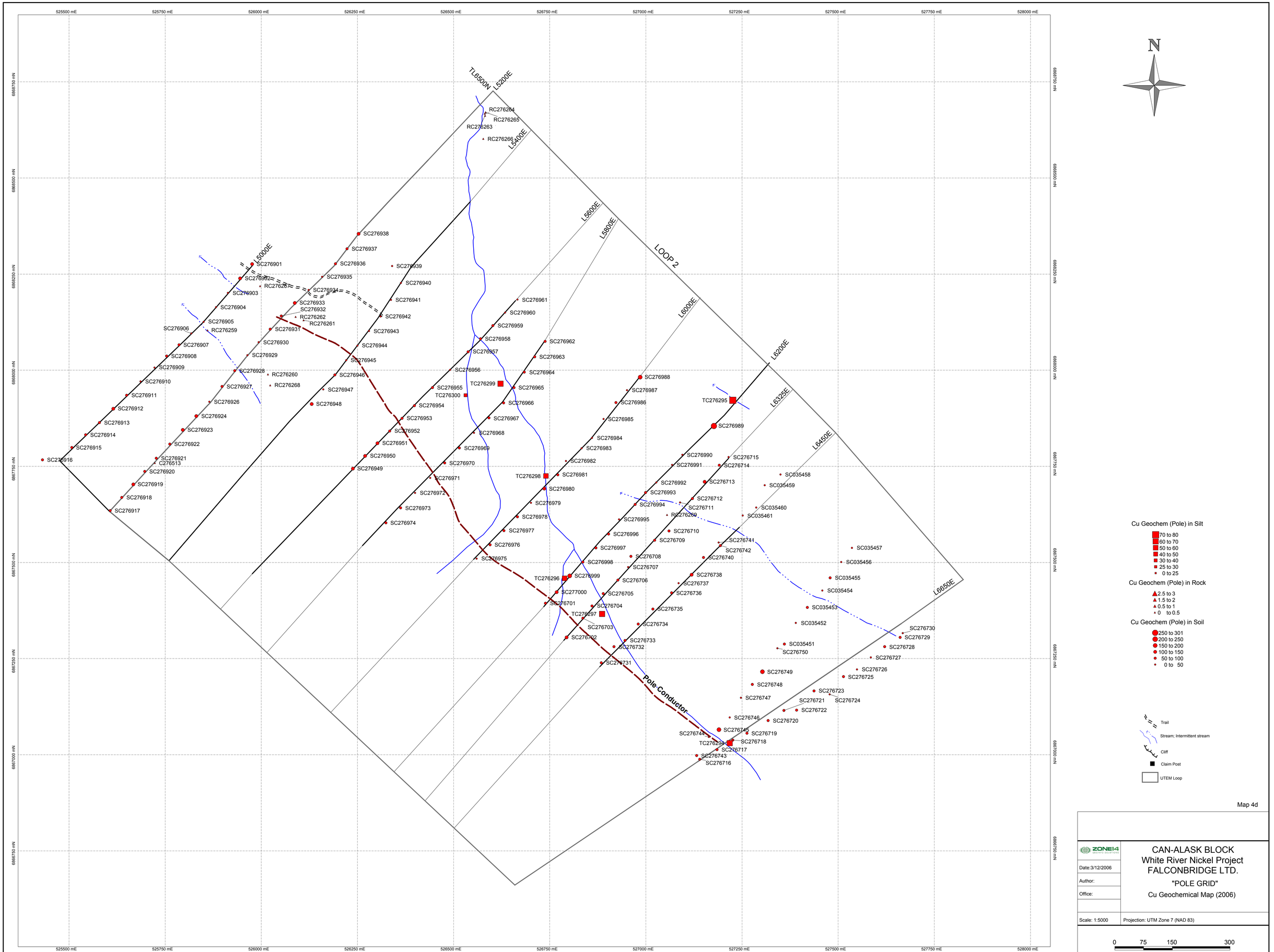
SC035451
SC035452
SC035453
SC035454
SC035455
SC035456
SC035457
SC035458
SC035459
SC035460
SC035461
Cr Geochem (Pole) in Silt
1,250 to 1,500
1,000 to 1,250
750 to 1,000
500 to 750
250 to 500
0 to 250
Cr Geochem (Pole) in Rock
4,000 to 5,000
3,000 to 4,000
2,000 to 3,000
1,000 to 2,000
0 to 1,000
Cr Geochem (Pole) in Soil
800 to 950
700 to 800
600 to 700
500 to 600
400 to 500
300 to 400
200 to 300
100 to 200
Trail
Stream; Intermittent stream
Cliff
Claim Post
UTEM Loop
Map 4c
ZONE14 GEOINFO SOLUTIONS
CAN-ALASK BLOCK
White River Nickel Project
FALCONBRIDGE LTD.
"POLE GRID"
Cr Geochemical Map (2006)
Date:3/12/2006
Author:
Office:
Scale: 1:5000
Projection: UTM Zone 7 (NAD 83)
0 75 150 300
metres



Map 4d

ZONE14

CAN-ALASK BLOCK
White River Nickel Project
FALCONBRIDGE LTD.

"POLE GRID"
Cu Geochemical Map (2006)

Date:3/12/2006
Author:
Office:

Scale: 1:5000
Projection: UTM Zone 7 (NAD 83)

0 75 150 300
metres

Geology modified from map #3 in Assessment Report 090146 (Western Mining, 1976). Sulphide showings are from same report. Note that one Silverquest grab sample (R5817) assayed 1.20% Cu but its location is not documented in the assessement report (091994).

CATS SHOWING AREA

2006 MAPPING (predominantly along Lunchbox Creek)

Pyx
Per/Pyx
Bas
Gab, chl
Lmst
Pyx, per
Bas
Lunchbox Creek

GEOLOGY LEGEND

Q — Unconsolidated glacial, glaciofluvial and galciolacustrine deposits

KLUANE RANGES SUITE (Late Early Cretaceous)

EKKG — Biotite granodiorite, quartz diorite, quartz monzonite, hornblende diorite

NIKOLAI GROUP (Triassic)

NG LIMST — Thin bedded bioclastic limestone, interpreted / observed

VOLC — Lapilli tuff, volcanic breccia, interpreted / observed

BSLT — Amygdaloidal basalt (subaerial), interpreted / observed

WHITE RIVER MAFIC-ULTRAMAFIC COMPLEX (Triassic)

QZCB — Quartz-carbonate alteration halo along the margin of the White River Mafic-Ultramafic Complex

GAB — Gabbro, interpreted / observed

PYRX — Pyroxenite, clinopyroxenite, interpreted / observed

WRIC — Mafic/Ultramafic rock unspecified

PERD — Peridotite, interpreted / observed

DUNT — Dunite, interpreted / observed

SKOLAI GROUP (Pennsylvanian to Permian)

CPS — Skolai Group rocks, unsubdivided

ARGL — Argillite, interpreted / observed

CHRT — Chert, interpreted / observed

QTZT — Quartzite, interpreted / observed

LMST — Limestone, interpreted / observed

GRWK — Greywacke, conglomerate, interpreted / observed

DIOR — Diorite, interpreted / observed

ANDS — Andesitic volcanics & volcaniclastics, interpreted / observed

BSLT — Basalt, interpreted / observed

WINDY GROUP (Devonian to Cretaceous)

PMW — Oceanic assemblage; chert, greenstone and ultramafic rocks.

General Legend

- Alaska highway
- Limited use road
- Trail
- Wildlife Preserve
- Elevation Contour (100' intervals)
- Elevation contour (500' intervals)
- Old (sloughed in) bulldozer trench (locations from Assessment Report 091994)
- Fault, relative movement unknown
- Synclinal fold axis (modified from assessment report 091994)
- Anticlinal fold axis (modified from assessment report 091994)
- 45 — Bedding and dip, bedding vertical
- 45 — Foliation and dip, foliation vertical
- Sulphide showing (from Assessment Report 091994) Az=azurite, Cpy=Chalcopyrite, Mal=malachite, Po=Pyrrhotite, Py=Pyrite

Geochemical Legend

Ni in Grab Samples - Silverquest, 1987

- >1.00%
- 0.50 to 1.00%
- 0.20% to 0.50%
- <0.20%

N (UTM)

0 200 400 600 800 1000
Meters

Scale: 1:10,000

Map 5A

FALCONBRIDGE LIMITED
CANALASK PROJECT, YUKON TERRITORY

GEOLOGY COMPILATION SOUTHEAST SHEET New Mapping 2006

Compiled by: Zone14
Date: 15-Mar-2006
Projection: UTM Zone 7, NAD83

533000 mE
534000 mE
535000 mE
536000 mE
537000 mE
538000 mE
539000 mE
540000 mE

6863000 mN
6862000 mN
6861000 mN
6860000 mN
6859000 mN
6858000 mN
6857000 mN
6856000 mN

TC035753
TC035754
TC035755
TC035701
TC035756
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RC276239
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C035357
C035356
TC035706
C035355
TC035703
TC035760
C035801
C035802
TC035704

KLUANE
WILDLIFE
PRESERVE

Property Outline

N
(UTM)

Ni Geochem (Silt) in Silt
- 200 to 206
- 150 to 200
- 100 to 150
- 50 to 100
- 0 to 50

Ni Geochem (Pic) in Wholerock
- 2,500 to 3,000
- 2,000 to 2,500
- 1,500 to 2,000
- 1,000 to 1,500
- 500 to 1,000
- 0 to 500

Ni Geochem (Pic) in Rock
- 3,000 to 3,750
- 2,500 to 3,000
- 2,000 to 2,500
- 1,500 to 2,000
- 1,000 to 1,500
- 500 to 1,000
- 0 to 500

0 200 400 600 800 1000
Meters

Scale: 1:10,000

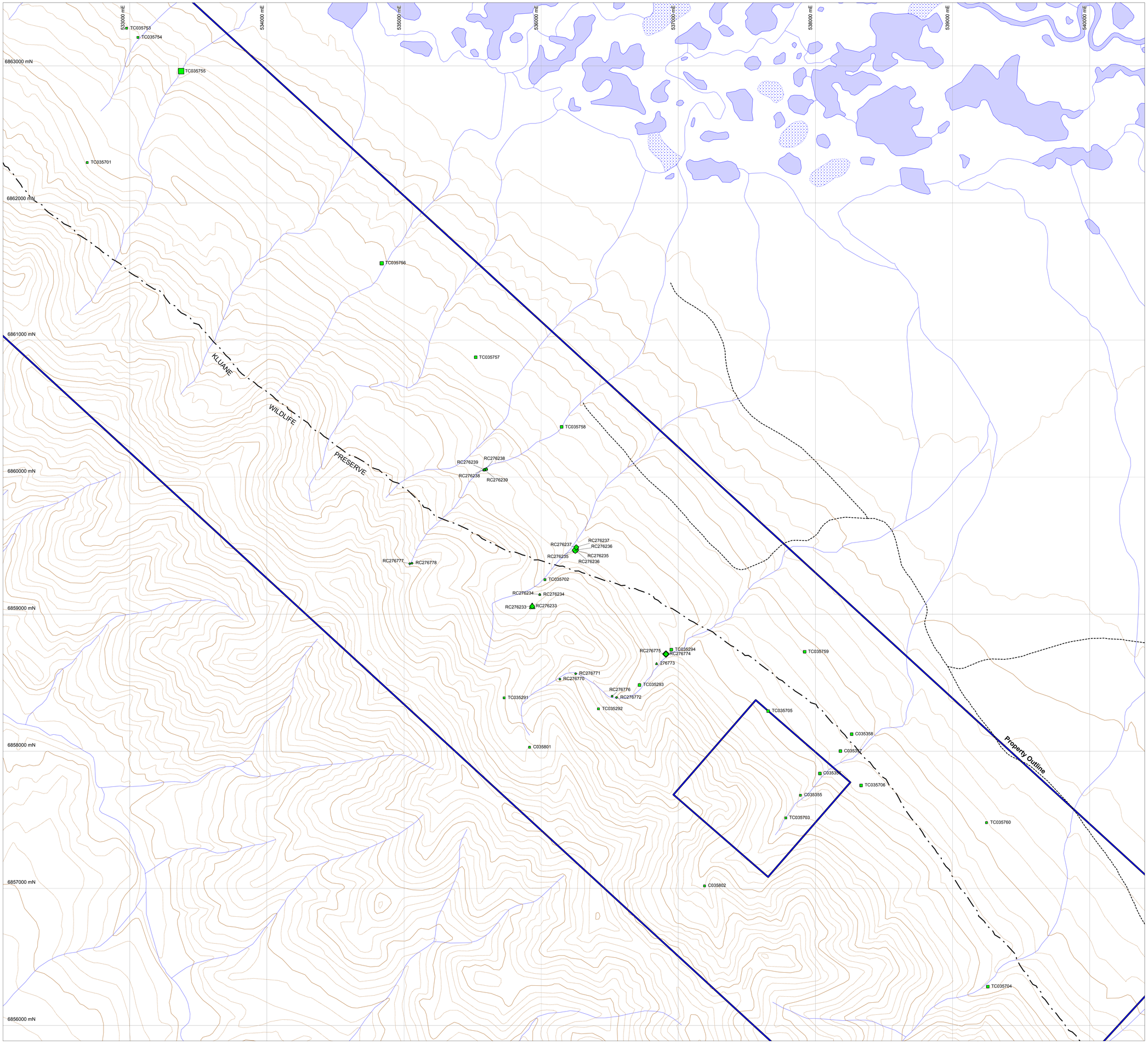
Map 5b

FALCONBRIDGE LIMITED
CANALASK PROJECT, YUKON TERRITORY

GEOCHEMICAL COMPILATION SOUTHEAST SHEET

Ni (Silt, Rock & Wholerock) 2006

Compiled by: Zone 14 GeoInfo
Date: 14-Feb-2007
Projection: UTM Zone 7, NAD83



N

(UTM)

Cr Geochem (Pic) in Silt

- 400 to 500
- 300 to 400
- 200 to 300
- 100 to 200
- 0 to 100

Cr Geochem (Pic) in Wholerock

- 6,000 to 7,000
- 5,000 to 6,000
- 4,000 to 5,000
- 3,000 to 4,000
- 2,000 to 3,000
- 1,000 to 2,000
- 0 to 1,000

Cr Geochem (Pic) in Rock

- 4,000 to 5,000
- 3,000 to 4,000
- 2,000 to 3,000
- 1,000 to 2,000
- 0 to 1,000

0 200 400 600 800 1000

Meters

Scale: 1:10,000

Map 5c

FALCONBRIDGE LIMITED

CANALASK PROJECT, YUKON TERRITORY

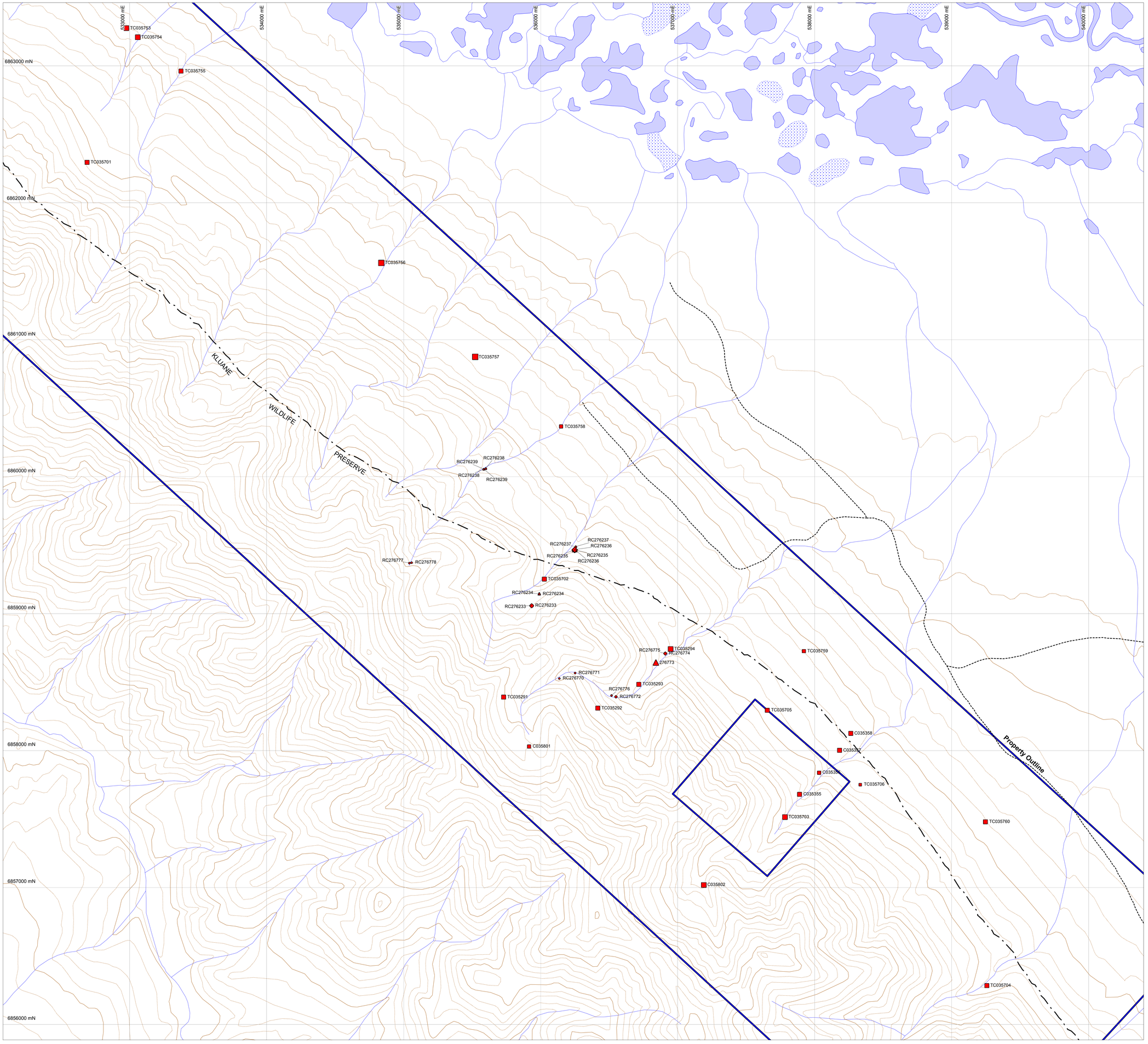
GEOCHEMICAL COMPILATION SOUTHEAST SHEET

Cr (Soil, Rock & Wholerock) 2006

Compiled by: Zone 14 GeoInfo

Date: 14-Feb-2007

Projection: UTM Zone 7, NAD83



Map 5d

FALCONBRIDGE LIMITED

CANALASK PROJECT, YUKON TERRITORY

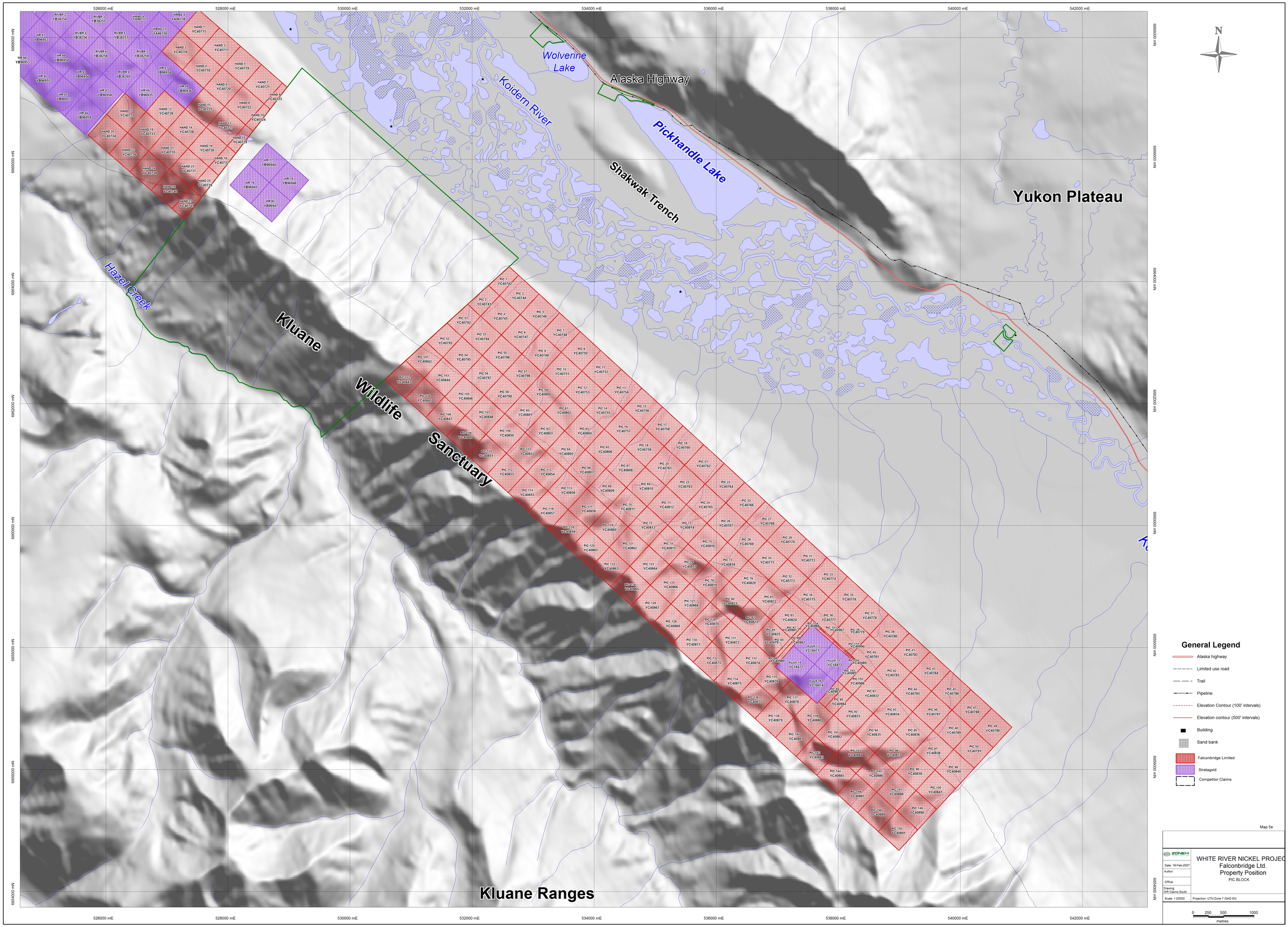
GEOCHEMICAL COMPILATION SOUTHEAST SHEET

Cu (Soil, Rock & Wholerock) 2006

Compiled by: Zone 14 GeoInfo

Date: 14-Feb-2007

Projection: UTM Zone 7, NAD83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6684000 mN
6682000 mN
6680000 mN
6678000 mN
6676000 mN
6674000 mN
Wolverine Lake
Alaska Highway
Koidern River
Pickhandle Lake
Shakwak Trench
Yukon Plateau
Hazel Creek
Kluane
Wildlife
Sanctuary
Kluane Ranges
N
General Legend
Alaska highway
Limited use road
Trail
Pipeline
Elevation Contour (100' intervals)
Elevation contour (500' intervals)
Building
Sand bank
Falconbridge Limited
Stratagold
Competitor Claims
Map 5e
ZONE14
Date: 19-Feb-2007
Author:
Office:
Drawing: WR Claims South
WHITE RIVER NICKEL PROJEC
Falconbridge Ltd.
Property Position
PIC BLOCK
Scale: 1:120000
Projection: UTM Zone 7 (NAD 83)
0 250 500 1000
metres