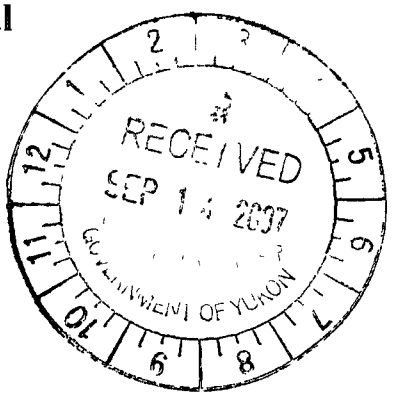
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Assessment Report on Year-2006 Geological, Geochemical and Geophysical on the "Canalask – Onion" Portion of the White River Nickel Project Xstrata plc (Falconbridge Ltd)

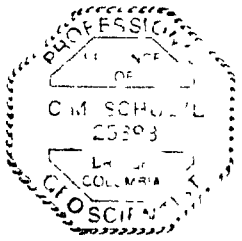


Owner: StrataGold Corporation

Beaver Creek area, Yukon Territory
Whitehorse Mining District

July 9 – August 25, 2006

ONION 1-13 Claims· YA96595 – YA96607
ONION 14 – 25: YA97913 - YA97924
WR 1 – 69· YA96868 – YA96936
WR 83 – 94: YB96948 – YB96959
WR 102 – 121. YB97335 – YB97354
WHITE 1 – 19: YB38234 – YB38252
CANA 1 – 6: YA97083 - YA97088
MICRO 1 - 2, 3 - 4, 6: 86108 – 86109, 86111-86112, 86115
MICRO 10 – 11, 12. 86367 – 86368, 86360
RIVER 1 - 8: YB38253 – YB38260
WENG 1F, 2F: YA96585 – YA96586
WENG 3 - 10: YA96732 – YA96739
WENG 11: YB06099



For: Xstrata plc (formerly Falconbridge Ltd.)
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Sept 1, 2007

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

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 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.

This assessment report focuses on exploration activities and results done in 2006 on the CanAlask – Onion block, consisting of the ONION 1 – 25, WENG 1 – 69, 83 – 94 and 101 – 121 claims, WHITE 1 - 16, CANA 1 - 6, MICRO 1 - 4, 6, 10 - 12, RIVER 1 - 8, WENG 1F, 2F, and WENG 3 - 8 claims.

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 (Figure 3), 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.

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 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 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 area has a typically sub-arctic montane climate, with short fairly warm summers. Summer temperatures along valley floors are typically in the 15° to 25°C range. Winters are long and very cold, with average temperatures in the -20° to -30° 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 is 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

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.

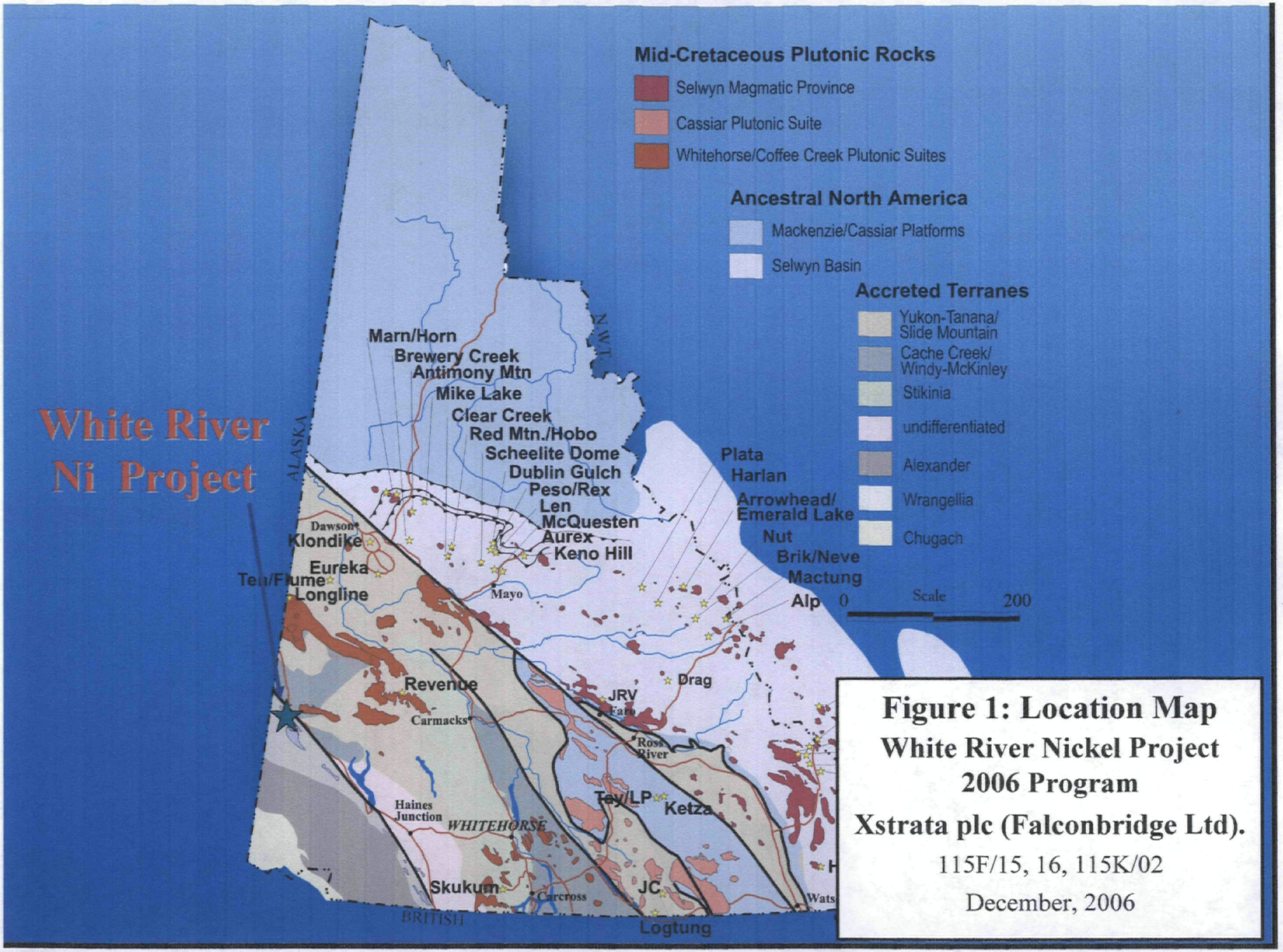


Figure 1: Location Map

White River Nickel Project

2006 Program

Xstrata plc (Falconbridge Ltd).

115F/15, 16, 115K/02

December, 2006

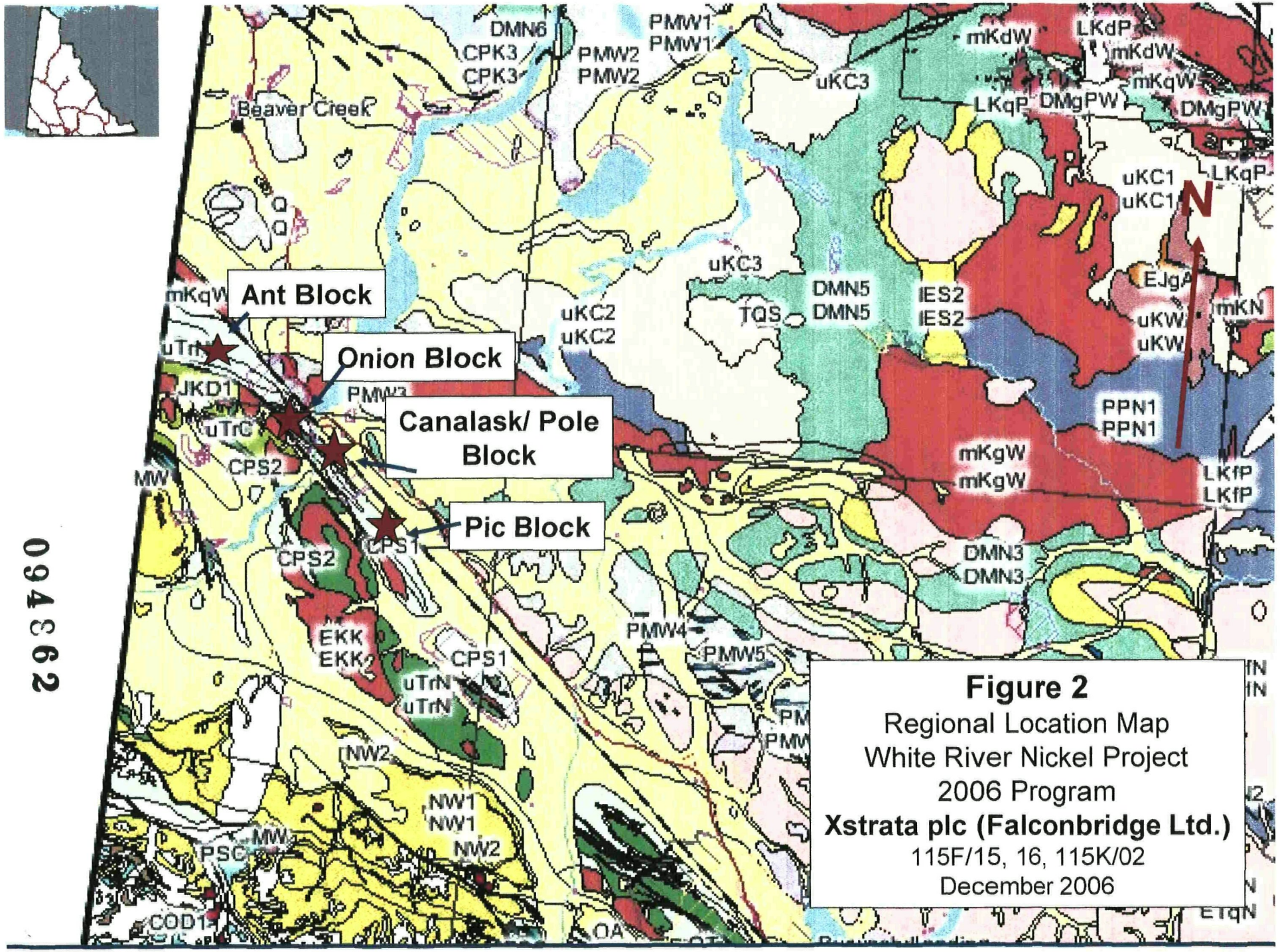


Figure 2
Regional Location Map
White River Nickel Project
2006 Program
Xstrata plc (Falconbridge Ltd.)
115F/15, 16, 115K/02
December 2006

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Table 1

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%)	7-Mar-97	10-Apr-14
YB97347 - 97348	WR 114 - 115	StrataGold Corp (100%)	7-Mar-97	10-Apr-08
YB97349 - 97354	WR 116 - 121	StrataGold Corp (100%)	7-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

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.

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.

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.

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. 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
Totals	**16.65**	**37.85**	**46.325**	**70**	**159**	**17**

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 (Appendix 3). 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 (Appendix 5, Miles Ridge Interpretation Summary). 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° 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 (Appendix 5, Miles Ridge Interpretation Summary, Lamontagne Geophysics Ltd, 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.

8.2 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.

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.

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.

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 3b). 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 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 1a. 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 Assessment Report on Year-2006 Geological, Geochemical and Geophysical on the "Canalask – Onion" Portion of 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; however this report is an Assessment Report for the Government of Yukon and is not in compliance with that instrument and form.

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

Dated this 1th Day of September, 2007

"Carl Schulze"

Carl Schulze, BSc, PGeo
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Whitehorse, Yukon Y1A 5T6
Telephone 867-633-4807
Fax· 867-633-4883
E-mail allterrane@northwestel net

Appendix 2: Statement of Expenditures

Canalask-Onion Block, Xstrata plc (Falconbridge Ltd.)

July 9 - August 25, 2006

Type of Work		Cost/unit	No. of units	Cost/ block	Total cost
Surface "UTEM" geophysical surveying		$2,500/ln km	23 7		$ 59,250 00
	Onion Block	$ 2,500.00	11 15	$ 27,875 00	
	CanAlask Block	$ 2,500 00	12 55	$ 31,375 00	
Rock Sampling		$ 35 00	26		$ 910 00
	Onion Block	$ 35 00	24	$ 840 00	
	CanAlask Block	$ 35 00	2	$ 70 00	
Silt Sampling	Onion Block	$ 30 00	8	$ 240 00	$ 240 00
Helicopter costs	Onion Block	$ 1,200 00	35	$ 42,000 00	$ 42,000 00
Accommodations (pro-rated)				$ 60,000 00	$ 30,000 00
	Onion Block			$ 15,000 00	
	CanAlask Block			$ 15,000 00	
Wages: Geologists		Variable		$ 5,362 00	$ 5,362 00
				$ 3,181 00	
				$ 2,181 00	
Line Cutting	Onion Block	$480 /ln km	11 15	$ 5,352 00	$ 5,352 00
Report Writing				$ 8,500 00	$ 8,500 00
	Onion Block			$ 3,500 00	
	CanAlask Block			$ 5,000 00	
Total:					**$ 151,614.00**

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

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

All-Terrane Mineral Exploration Services

ROCK SAMPLE DESCRIPTION SHEET

Abridged ICP Analysis

"ONION" 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	(%)			
276551			7																					
276552			7																					
276785	520537	6873377	7	Assay		O/C		Diorite?	Dyke													23/8/06	BR	Altered felsic dike coarse grained, altered diorite dike?
RC276794	521653	6872375	7	Assay		Float		Chert							L2	Py	4	Mal				24/8/06	RN	
RC276795	521648	6872279	7	Assay		O/C		Andesite	amygdal						L2	Py	7					24/8/06	RN	Andesite amygd/flams Py (5-10%) stockwork and diss Gossan
RC276796	521660	6872188	7																					
RC276797	521660	6872205	7																					
276801	521498	6871995	7	Assay		O/c		Andesite															RN	Andesite hem taken st/near the ultramafic upper contact (521500 / 6871998)
RC276523	524301	6869108	7			O/c		Pendotite								Mag	strong					11/8/2006	CC	black fine grained pendotte with 0 1cm wide relict olivines
RC276524	524301	6869108	7			O/c		Pendotte					talc3			Mag	strong					11/8/2006	CC	highly sheared pendotte Az 282/80NE

ROCK SAMPLE RESULTS SHEET

Abridged ICP Analysis

"ONION" Block, Xstrata plc (formerly Falconbridge Ltd)

July - August, 2006

	PGM-ICP23	PGM-ICP23	PGM-ICP23	Cu-AA62	Ni-AA61	Co-AA61	Cr-AA61	Cu-AA61	V AA61	As AA61	S-IR08
SAMPLE	Au	Pt	Pd	Cu	Ni	Co	Cr	Cu	V	As	S
DESCRIPTION	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
276551	0 002	<0 005	0 001		186	23	440	50	225	<5	1 06
276552	0 008	<0 005	0 001		13	6	29	49	37	<5	4 62
276785	0 002	0 009	0 009		80	26	187	47	188	<5	0 06
276794	0 004	<0 005	0 002		12	8	22	20	85	<5	1 34
276795	0 034	<0 005	0 002		<5	10	20	499	252	<5	2 16
276801	0 003	0 008	0 013	2 01	55	32	121	>10000	256	<5	0 1
RC276523	<0 001	0 009	0 003		2510	142	142	15	30	<5	0 05
RC276524	<0 001	0 031	0 061		2440	138	138	35	24	<5	0 06

All-Terrane Mineral Exploration Services

WHOLE ROCK SAMPLE DESCRIPTION SHEET

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

Sample No	Easting	Northing	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	(%)			
525827	525827	6867863	7																					
6867863	525827	6867863	7																					
525897	525897	6868068	7																					
6868068	525897	6868068	7																					
526021	526021	6868079	7																					
6868079	526021	6868079	7																					
526593	526593	6868638	7																					
6868638	526593	6868638	7																					
RC276779	520539	6873387	7	W/R		O/C																23/8/06	BR	
RC276780	520727	6873453	7	W/R		O/C		Carbonate														23/8/06	BR	Carbonate
RC276781	520705	6873449	7	W/R		O/C		Umafic														23/8/06	BR	Ultramafic
RC276782	520700	6873440	7	W/R		O/C		Felsic	Dyke													23/8/06	BR	Felsic dike
RC276783	520669	6873422	7	W/R		O/C		Umafic														23/8/06	BR	Ultramafic
RC276784	520587	6873402	7	W/R		O/C		Umafic	Dunite?				Serp									23/8/06	BR	Serpentine matrix, olvine, non-magnetic, ultramafic
RC276786	521413	6872220	7	W/R		O/C		Umafic					Serp									23/8/06	BR	Ultramafic, serpentine
RC276787	521425	6872241	7	W/R		O/C		Felsic	Dyke													23/8/06	BR	Felsic dike
RC276788	521424	6872264	7	W/R		O/C		Umafic														23/8/06	BR	Ultramafic
RC276789	521431	6872286	7	W/R		O/C		Umafic														23/8/06	BR	Ultramafic
RC276790	521459	6872362	7	W/R		O/C		Umafic					Serp									23/8/06	BR	Ultramafic, serpentine
RC276791	521542	6872135	7	W/R		O/C																24/8/06	RN	Ultramafic
RC276792	521540	6872159	7	W/R		O/C																24/8/06	RN	Andesite, hem, strong
RC276793	521590	6872261	7	W/R		O/C		Andesite								Hem	strong					24/8/06	RN	Cherty float, rusted, 3-5% Py, Malachyte around
276802	521498	6871995	7	W/R		O/C		Andesite								Hem						24/8/06	RN	Andesite, hem (Same as 276801)
276803			7																					
276804			7																					
RC276531	520430	6874104	7	W/R		O/c		sedi					serp			Mag	yes					14/8/06	CC	weatherd a dun colored brown on surface and black to dar
RC276532	520368	6874068	7	W/R		O/c		dunite					serp vnlets 1%			Mag	very strong					14/8/06	CC	brown to black weathering surface, black fresh surface St
RC276533	520349	6874001	7	W/R		O/c		dunite					bt vnlets 1%			Mag	very strong					14/8/06	CC	similar to ccc 088
RC276534	520304	6873908	7	W/R		O/c		dunite								Mag	strong					14/8/06	CC	similar to ccc 088
RC276535	520249	6873868	7	W/R		O/c		dunite								Mag	strong					14/8/06	CC	similar to ccc 088

WHOLE ROCK SAMPLE RESULTS SHEET

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

	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	ME-MS81	ME-MS81	ME-MS81	ME MS81	ME MS81	ME MS81	ME-MS81	ME-MS81
SAMPLE	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total	Au	Pt	Pd	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er
DESCRIPTION	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
525827	35 83	0 53	15 13	0 49	43 32	0 28	0 03	0 7	0 06	0 2	0 03	<0 01	<0 01	2 64	99 21	0 007	0 062	0 08	<1	7 6	0 9	152	4920	0 03	203	0 1	0 05
8867863	36	0 52	15 12	0 48	43 14	0 2	0 03	0 66	0 06	0 19	0 02	0 01	<0 01	2 65	99 04	0 006	0 067	0 089	<1	8 4	0 7	156 5	5040	0 02	183	0 08	0 05
525987	65 68	14 3	4 7	1 12	2 99	5 34	1 25	0 03	0 42	0 12	0 11	0 03	0 06	2 39	98 52	0 006	0 005	0 005	<1	585	17	12 2	170	0 3	19	1 82	1 16
8868068	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	99 54	0 003	<0 005	0 004	<1	591	17 6	10 6	120	0 29	18	1 86	1 13
526021	49 29	14 41	11 42	10 92	6 29	2 08	0 5	0 03	1 23	0 2	0 13	0 04	0 01	2 83	99 39	0 002	0 006	0 005	<1	142	18 5	41 5	190	0 19	110	4 09	2 37
8868079	49 45	14 52	11 44	10 94	6 33	2 12	0 48	0 03	1 23	0 2	0 14	0 04	0 02	2 83	99 77	<0 001	0 01	0 005	<1	143	18 8	41 7	190	0 17	111	4 13	2 44
526593	48 44	19 03	10 14	3 8	6 55	3 05	2 79	0 01	1 07	0 18	0 25	0 04	0 1	4 01	99 45	<0 001	<0 005	0 003	<1	906	31 2	29 9	120	1 03	30	4 09	2 55
8868638	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	99 84	<0 001	<0 005	<0 001	<1	895	31 4	30 2	110	1 06	29	4 06	2 52
276779	48 9	13 99	8 54	17 89	8 13	0 99	0 73	0 04	0 62	0 14	0 07	0 03	0 02	3 05	99 14	0 002	0 009	0 011	<1	197 5	5 4	24 1	300	0 07	22	2 21	1 46
276780	65 02	13 34	4 81	3 38	2 18	4 46	1 16	<0 01	0 41	0 08	0 09	0 03	0 09	4 62	99 69	0 003	<0 005	<0 001	<1	779	17 5	11 6	20	0 26	139	4 77	3 38
276781	33 3	1 08	12 78	0 33	36 8	0 31	0 02	0 75	0 15	0 19	0 04	0 01	<0 01	13 55	99 29	<0 001	0 02	0 01	<1	0 8	1 4	137	6090	0 03	10	0 26	0 13
276782	39 89	10 62	7 66	22 92	13 33	0 2	0 05	0 14	0 48	0 22	0 13	0 02	0 01	3 7	99 36	<0 001	0 005	0 008	<1	7 7	9 1	44 9	900	<0 01	48	1 83	1 08
276783	32 45	0 77	12 75	0 21	37 84	0 2	0 03	0 75	0 11	0 18	0 03	<0 01	<0 01	14	99 31	0 001	0 028	0 015	<1	<0 5	1	140 5	5860	<0 01	8	0 13	0 1
276784	28 25	5 71	9 34	22 04	10 18	0 04	0 03	0 42	0 21	0 26	0 03	<0 01	<0 01	23 1	99 62	<0 001	0 006	0 006	<1	1 4	2 5	100 5	2580	0 12	26	0 57	0 34
276786	33 45	0 9	11 59	0 45	38 38	0 18	0 02	0 84	0 1	0 18	0 02	<0 01	<0 01	13 65	99 76	0 003	0 023	0 035	<1	<0 5	1 3	137 5	6120	<0 01	132	0 15	0 13
276787	37 74	13 96	9 48	25 69	8 01	0 07	0 03	0 05	0 84	0 26	0 23	0 01	0 01	2 75	99 13	<0 001	<0 005	0 002	<1	<0 5	22 9	33 3	360	0 01	<5	3 55	2 07
276788	32 76	0 72	14 09	0 31	36 98	0 21	0 03	0 84	0 09	0 19	0 03	<0 01	<0 01	13 65	99 92	0 001	0 02	0 013	<1	<0 5	1	153	6440	<0 01	38	0 11	0 08
276789	32 47	0 63	14 03	0 19	37 41	0 14	0 02	0 94	0 07	0 19	0 02	<0 01	<0 01	13 75	99 85	0 008	0 056	0 039	<1	<0 5	0 8	140	7500	<0 01	89	0 08	0 07
276790	32 43	0 62	13 15	0 17	38 06	0 18	0 02	0 8	0 06	0 2	0 03	<0 01	<0 01	14 2	99 91	<0 001	0 067	0 096	<1	<0 5	0 6	124	6530	0 03	<5	0 09	0 08
276791	32 31	1 17	13 96	0 57	36 37	0 31	0 06	0 81	0 12	0 19	0 01	0 01	<0 01	13 6	99 49	0 001	0 032	0 031	<1	7 9	1 2	139 5	6340	<0 01	98	0 19	0 16
276792	32 35	0 58	14 72	0 56	35 33	0 21	0 02	0 84	0 07	0 2	0 02	<0 01	<0 01	14 4	99 3	0 001	0 023	0 023	<1	1 6	0 7	135 5	6120	0 01	94	0 07	0 07
276793	39 78	16 85	11 58	5 86	5 95	2 1	3 44	0 12	0 86	0 22	0 21	0 02	0 06	12 65	99 67	0 001	0 008	0 002	<1	556	9 6	90 7	1000	1 26	<5	3 29	1 98
276802	50 48	14 64	9 92	8 71	5 3	3 65	0 31	0 02	0 62	0 14	0 16	0 03	0 01	3 94	98 12	0 002	0 005	0 009	<1	57 3	11 1	31 7	170	0 03	>10000	2 96	1 94
276803	32 12	0 66	13 23	0 22	38 05	0 29	0 03	0 9	0 07	0 18	0 02	<0 01	<0 01	14 2	99 96	0 001	0 023	0 015	<1	<0 5	0 9	137 5	7050	<0 01	93	0 11	0 09
276804	32 81	0 74	12 59	0 3	38 05	0 24	0 02	0 82	0 07	0 18	0 03	<0 01	<0 01	13 9	99 75	0 002	0 056	0 091	<1	<0 5	0 8	141 5	6490	0 04	137	0 1	0 11
RC276531	31 76	1 03	11 3	0 24	36 16	0 2	0 05	0 65	0 13	0 15	0 02	0 01	<0 01	17 85	99 55	<0 001	0 024	0 011	<1	13 2	1 6	127	4660	0 25	5	0 34	0 19
RC276532	32	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 1	99 69	0 001	0 017	0 011	<1	3 7	0 8	148 5	5990	0 02	22	0 11	0 07
RC276533	32 47	0 6	12 53	0 28	38 14	0 21	0 02	0 91	0 06	0 19	0 01	<0 01	<0 01	14 15	99 57	<0 001	0 024	0 009	<1	3 5	0 9	155 5	6240	0 02	17	0 12	0 08
RC276534	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 5	99 41	0 001	0 019	0 006	<1	2 5	1 1	138	6820	0 03	29	0 13	0 09
RC276535	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	99 49	<0 001	0 107	0 069	<1	2 6	0 7	145 5	4930	0 02	17	0 16	0 08

WHOLE ROCK SAMPLE RESULTS SHEET

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

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	S-IR08
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	Zr	S	
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	%	
0 04	1 5	0 08	0 2	0 02	<0 5	0 02	<2	0 2	0 3	3040	6	0 08	0 6	0 1	<1	4 5	0 1	0 02	0 08	<0 5	0 01	<0 05	<5	1	0 5	0 08	76	5	0 06	
0 03	1 5	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	0 1	0 02	0 06	<0 5	0 01	<0 05	<5	2	0 5	0 09	80	3	0 05	
0 42	14	1 9	2 9	0 41	9 2	0 2	<2	2 7	7 7	135	9	2	19 7	1 74	1	147 5	0 2	0 32	2 61	0 5	0 19	1 47	47	2	10 5	1 17	52	109	0 12	
0 43	14 1	1 94	3 3	0 43	9 4	0 2	<2	2 7	7 9	102	13	2 05	19 3	1 77	1	146	0 2	0 31	2 61	0 5	0 19	1 44	47	5	10 7	1 17	54	126	0 1	
1 21	19 7	3 9	2 6	0 89	8 2	0 34	<2	5 6	10 9	80	16	2 56	10 4	3 13	1	361	0 4	0 7	1 39	<0 5	0 35	0 6	315	2	23 3	2 14	97	82	0 02	
1 25	20	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	0 4	0 69	1 43	<0 5	0 36	0 56	321	2	23 7	2 16	96	82	0 02	
1 01	21 5	4 11	4	0 89	14 7	0 37	<2	7 9	15 9	53	7	4 02	64 1	3 86	1	342	0 8	0 69	3 98	0 6	0 37	1 83	256	<1	24 2	2 42	113	137	0 01	
1 03	21 5	4 21	4 4	0 89	14 5	0 38	<2	7 9	16 3	50	9	3 98	62 6	3 75	1	347	0 7	0 7	4 05	0 6	0 37	1 84	259	2	24	2 35	112	153	0 01	
0 38	9 9	1 7	0 8	0 44	1 6	0 18	<2	1	4 4	88	<5	0 81	12 3	1 4	1	67 6	0 1	0 32	0 46	<0 5	0 2	0 46	185	5	12 2	1 53	27	25	0 02	
0 48	13 4	3 64	4 3	0 97	7 2	0 51	<2	4 6	12 1	110	<5	2 41	22 4	3 47	1	200	0 4	0 7	2 95	<0 5	0 49	1 7	48	5	26 6	3 71	99	132	0 15	
0 07	2	0 19	0 3	0 05	0 5	0 02	<2	0 6	0 9	2550	<5	0 17	0 4	0 21	1	3 9	0 1	0 04	0 12	<0 5	0 02	<0 05	125	5	1 9	0 11	66	11	0 01	
0 61	10 2	1 94	1 2	0 34	3 5	0 13	<2	1 9	7 3	361	<5	1 32	1 7	1 91	1	137	0 2	0 33	0 36	<0 5	0 14	0 19	172	5	9 5	1	43	39	0 01	
<0 03	1 9	0 11	0 2	0 02	<0 5	0 01	<2	0 4	0 5	2430	<5	0 1	0 3	0 15	<1	2 5	0 1	0 02	0 05	<0 5	0 01	<0 05	109	3	1 5	0 1	56	9	0 01	
0 19	5 5	0 53	0 4	0 11	0 8	0 04	<2	0 7	1 7	900	<5	0 31	0 8	0 47	1	57 1	0 1	0 09	0 14	<0 5	0 04	0 05	72	3	3 6	0 33	71	14	0 02	
0 04	1 6	0 12	0 2	0 04	<0 5	0 02	<2	0 4	0 6	2280	<5	0 13	0 3	0 21	1	2 8	0 1	0 03	0 06	<0 5	0 02	<0 05	84	6	1 7	0 13	56	10	0 03	
1 02	15 3	4 33	2 1	0 83	8 9	0 26	<2	2 2	18 8	159	<5	3 47	1 3	4 72	1	28 1	0 2	0 68	1 25	<0 5	0 24	0 6	324	4	17 1	1 81	89	69	<0 01	
<0 03	1 7	0 06	0 2	0 03	<0 5	0 01	<2	0 3	0 5	2390	<5	0 09	0 4	0 13	1	3 4	0 1	0 02	0 05	<0 5	0 01	<0 05	114	4	1 3	0 09	61	7	0 02	
<0 03	1 6	<0 05	0 2	0 02	<0 5	0 01	<2	0 2	0 3	2420	<5	0 05	0 5	0 05	<1	2 2	0 1	0 01	<0 05	<0 5	<0 01	<0 05	138	4	1 2	0 06	55	9	0 04	
<0 03	1 5	0 05	<0 2	0 02	<0 5	0 02	<2	0 2	0 4	2620	<5	0 05	0 5	0 08	<1	2	0 1	0 01	<0 05	<0 5	0 01	<0 05	116	4	1 3	0 08	72	6	0 01	
0 04	2 2	0 16	0 2	0 04	<0 5	0 02	<2	0 3	0 6	2340	<5	0 13	0 8	0 15	<1	11 6	0 1	0 03	0 05	<0 5	0 02	<0 05	109	4	1 7	0 14	60	7	0 03	
<0 03	1 4	<0 05	0 3	0 02	<0 5	0 01	<2	0 2	0 3	2390	<5	0 05	0 2	0 08	<1	8 3	0 1	0 01	<0 05	<0 5	0 01	<0 05	115	6	1 2	0 06	63	13	<0 01	
0 92	14	2 96	1 1	0 62	5 2	0 24	<2	2 4	9	234	<5	1 6	73 4	2 52	1	195 5	0 2	0 55	0 36	<0 5	0 25	0 15	172	4	18 2	1 79	182	36	0 01	
0 78	15 2	2 58	1 2	0 6	4 9	0 26	<2	1 5	7 6	81	<5	1 5	2 8	2 14	1	287	0 2	0 48	0 59	<0 5	0 28	0 27	274	7	16 4	1 94	50	39	0 12	
<0 03	1 6	0 09	<0 2	0 03	<0 5	0 01	<2	0 3	0 4	2520	<5	0 08	0 5	0 07	1	2 3	0 1	0 02	<0 05	<0 5	0 01	<0 05	69	3	1 3	0 08	67	6	0 02	
<0 03	1 8	0 11	<0 2	0 03	<0 5	0 01	<2	0 2	0 4	2550	<5	0 08	0 2	0 08	<1	2 4	0 1	0 02	<0 05	<0 5	0 02	<0 05	124	3	1 4	0 09	88	7	0 01	
0 07	2 3	0 35	0 3	0 07	0 5	0 04	<2	0 6	1	2390	<5	0 21	1 5	0 27	<1	21 2	0 1	0 05	0 12	0 5	0 03	<0 05	<5	3	1 7	0 18	71	11	0 02	
0 04	1 8	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	0 1	0 02	0 06	<0 5	0 01	<0 05	<5	4	0 6	0 11	71	5	0 01	
0 03	1 8	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	0 1	0 02	0 06	<0 5	0 02	<0 05	<5	3	0 6	0 1	71	4	0 01	
0 06	2 2	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	0 1	0 03	0 06	<0 5	0 01	<0 05	<5	2	0 7	0 1	65	4	0 01	
<0 03	1 6	0 1	0 2	0 03	<0 5	0 02	<2	0 3	0 5	2580	<5	0 11	0 3	0 09	<1	2 7	0 1	0 02	0 06	<0 5	0 02	<0 05	<5	2	0 6	0 09	61	4	0 01	

All-Terrane Mineral Exploration Services

SILT SAMPLE DESCRIPTION SHEET

"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

SILT SAMPLE RESULTS SHEET

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

	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

SILT SAMPLE RESULTS SHEET

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

ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	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	

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
Appendix 4d: Whole Rock sample descriptions, results

All-Terrane Mineral Exploration Services

ROCK SAMPLE DESCRIPTION SHEET

"POLE" Grid/ CANALASK, 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	(%)			
RC276259	525860	6868104	7	CGr	uPh	Ocrop		XI Tuff	Veined	gr-red	C1		Ph1	I 2	Py_2	2					None	28/7/06	CS	Qz-carb veins +/ red brown limonite
RC276260	526017	6867989	7	CGr	Tm	Ocrop		Andesite	Veined	wh grn	C3	S1		I 2	Py_2	tr					None	28/7/06	CS	Along lineamet (fault?)
RC276261	526110	6868130	7	CGr	mTwr	Ocrop		Dunite	Massive	bl grn											Mod	29/7/06	CS	Fine grained, equigranular
RC276262	526089	6868139	7	CGr	mTwr	Rcrop		Dunite	Massive	bl-grn											Mod	29/7/06	CS	Massive and unaltered
RC276263	526582	6868662	7	Grab	mTwr	Float		Pyroxenite	Massive	blk grn				L1	Po	<1	Cp_2	tr			Strong	29/7/06	CS	Disseminated sulphides
RC276264	526581	6868667	7	CGr	mTwr	Float		Pyroxenite	Massive	blk grn					Po	tr					Mod-str	29/7/06	CS	Very fine grained
RC276265	526583	6868671	7	Grab	mTwr	Float		Pyroxenite	Massive	blk grn					Po	<1					Strong	29/7/06	CS	Slighty darker than above
RC276266	526577	6868602	7	CGr		Rcrop		Qz vein	Banded	wh-buff				L2	Py_2	5	Cp_2	tr			None	29/7/06	CS	Vein and vein stockwork in andesite
RC276267	525997	6868219	7	CGr		Rcrop		Dunite	Massive	bl grn				I 1							Mod str	30/7/06	CS	Localized slickensides
RC276268	526023	6867961	7	Grab		Float		Pyroxenite?	Massive	grn blk					Po	2	Cp_2	tr			Strong	30/7/06	CS	Large boulder in creek
RC276269	527055	6867624	7	CGr		Ocrop		Andesite	Veined	Yellow		S2	A2	L1	Py_2	3					None	1/8/2006	CS	Largely quartz vein
C276501	524341	6869419	7																					
C276502	524353	6869408	7																					
C276503	524607	6869109	7																					
C276504	524619	6869061	7																					
C276505	524685	6869055	7																					
C276506	524304	6869195	7																					
C276507	524342	6869189	7																					
C276508	524310	6869189	7																					
C276509	524309	6869146	7																					
C276510	524338	6869351	7																					
C276511	524338	6869351	7																					
C276512	524329	6869363	7																					
C276513	525723	6867750	7																					
C276517	524405	6869436	7																					
C276518	524451	6869348	7																					
C276519	524697	6869371	7																					
C276520	524749	6869299	7																					
C276521	524683	6869128	7																					
C276522	524612	6869118	7																					

ROCK SAMPLE RESULTS SHEET

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

	PGM ICP23	PGM-ICP23	PGM ICP23	S-IR08	As AA61	V AA61	Cu-AA61	Cu AA62	Cr-AA61	Co-AA61	Ni AA61	Ni AA62
SAMPLE	Au	Pt	Pd	S	As	V	Cu	Cu	Cr	Co	Ni	Ni
DESCRIPTION	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%
RC276259	0 051	<0 005	<0 001	0 1	30	20			17	5	7	
RC276260	<0 001	<0 005	0 001	0 04	17	14			10	<5	15	
RC276261	0 005	0 065	0 082	0 05	32	10			2890	132	2610	
RC276262	0 003	0 098	0 148	0 02	35	21			3730	150	2880	
RC276263	0 005	0 028	0 033	0 07	41	102			2320	116	1315	
RC276264	<0 001	0 017	0 013	0 02	34	122			1830	93	889	
RC276265	0 001	0 039	0 056	0 2	31	102			3760	124	1695	
RC276266	0 726	<0 005	<0 001	0 91	8	<5			58	7	29	
RC276267	0 006	0 018	0 021	0 01	29	14			3240	141	2280	
RC276268	0 002	0 031	0 053	0 2	31	99			4120	143	2400	
RC276269	0 002	<0 005	<0 001	0 24	18	46			28	<5	23	
C276501	0 024	0 005	<0 001	15 95	36	154			58	941	>10000	1 56
C276502	0 024	<0 005	<0 001	5 66	28	165			61	388	9750	
C276503	0 023	0 162	0 331	0 44	16	121			2580	108	1960	
C276504	0 018	0 078	0 129	0 2	24	87			3970	121	2590	
C276505	0 002	0 034	0 039	0 05	20	65			3550	111	1925	
C276506	0 002	0 027	0 035	0 08	16	34			3100	125	2130	
C276507	0 003	0 069	0 158	0 31	21	73			4050	125	2300	
C276508	0 003	0 094	0 208	0 1	26	39			3740	174	2800	
C276509	<0 001	0 016	0 011	0 02	27	22			3560	114	2330	
C276510	0 072	<0 005	0 001	10 35	30	174			68	481	4250	
C276511	0 012	<0 005	<0 001	15 15	28	141			54	791	139	
C276512	0 283	<0 005	<0 001	5 32	90	262			40	423	>10000	4 08
C276513	0 004	<0 005	0 002	0 09	22	218			16	29	151	
RC 276517	0 035	<0 005	0 001	0 5	19	119	1335		39	27	<5	
RC276518	0 065	0 007	0 001	2 67	305	106	>10000	2 75	24	133	12	
RC276519	0 017	<0 005	<0 001	1 66	<5	208	2910		54	98	866	
RC276520	<0 001	0 006	<0 001	1 56	<5	121	763		47	35	39	
RC 276521	0 023	0 105	0 203	0 35	<5	139	462		2230	113	1850	
RC 276522	<0 001	0 026	0 028	0 11	<5	91	55		3520	116	2180	

All-Terrane Mineral Exploration Services

SOIL SAMPLE DESCRIPTION SHEET

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

Sample No.	Easting NAD 83	Northing NAD 83	Station Easting	Station Northing	Zone	Horizon	Depth (cm)	Slope Angle	Colour	Permafrost (yes/no?)	% Coarse Fragments	Vegetation	Surficial Geology	Frag Lithology	% Organics	Date	Sampler	Comments
SC035451	527360	6867288			7													
SC035452	527390	6867343			7													
SC035453	527420	6867383			7													
SC035454	527459	6867427			7													
SC035455	527479	6867460			7													
SC035456	527508	6867501			7													
SC035457	527536	6867538			7													
SC035458	527350	6867729			7													
SC035459	527309	6867701			7													
SC035460	527287	6867643			7													
SC035461	527252	6867622			7													
SC276701	526739	6867394	6200E	5600N	7	B	20	Gentle	lt-brn	No	10	Mixed	till		10	2/8/2006	MP	Volcanics
SC276702	526794	6867305	6325E	5600N	7	B	25	Gentle	drk brn	Yes	5	Std conifer	till		25	4/8/2006	MP	Sample taken 15m southwest of line
SC276703	526836	6867355	6325E	5650N	7	B	25	Gentle	drk brn	Yes	5	Mixed	till		25	4/8/2006	MP	
SC276704	526860	6867387	6325E	5700N	7	B	20	Mod	drk brn	Yes	5	Mixed	till		15	4/8/2006	MP	
SC276705	526889	6867419	6325E	5750N	7	B	30	Mod	drk brn	Yes	5	Std conifer	till		40	4/8/2006	MP	
SC276706	526927	6867454	6325E	5800N	7	B	30	Mod	lt-brn	Yes	15	Mixed	till		16	4/8/2006	MP	
SC276707	526954	6867488	6325E	5850N	7	B	20	Gentle	drk brn	Yes	15	Std conifer	till		20	4/8/2006	MP	
SC276708	526961	6867516	6325E	5900N	7	B	60	Mod	lt-brn	No	20	Mixed	till		30	4/8/2006	MP	
SC276709	527023	6867558	6325E	5950N	7	B	25	Mod	drk brn	No	10	Mixed	till		20	4/8/2006	MP	
SC276710	527060	6867582	6325E	6000N	7	A/B	15	Mod	drk brn	Yes	5	Mixed	till		45	4/8/2006	MP	
SC276711	527089	6867656	6325E	6050N	7	B	25	Steep	lt-brn	No	0	Mixed	till		5	4/8/2006	MP	
SC276712	527121	6867666	6325E	6100N	7	B	20	Mod	lt-brn	No	5	Mixed	till		10	4/8/2006	MP	
SC276713	527153	6867710	6325E	6150N	7	B	45	Gentle	lt-brn	No	10	Mixed	till		20	4/8/2006	MP	
SC276714	527191	6867753	6325E	6200N	7	B	15	Steep	lt-brn	No	10	Mixed	till		20	4/8/2006	MP	
SC276715	527215	6867774	6325E	6250N	7	B	15	Mod	lt-brn	No	5	Mixed	till		15	4/8/2006	MP	
SC276716	527140	6866988	6650E	5600N	7	B	25	Gentle	lt-brn	No	5	Std conifer	till		10	4/8/2006	MP	
SC276717	527185	6867013	6650E	5650N	7	B	35	Mod	brown	No	35	Std conifer	till		15	4/8/2006	MP	
SC276718	527226	6867038	6650E	5700N	7	A/B	15	Mod	drk brn	Yes	10	Mixed	till		45	4/8/2006	MP	
SC276719	527263	6867056	6650E	5750N	7	B	25	Steep	drk brn	No	20	Mixed	till		40	4/8/2006	MP	
SC276720	527318	6867089	6650E	5800N	7	B	25	Mod	brown	No	10	Mixed	till		15	4/8/2006	MP	
SC276721	527359	6867115	6650E	5850N	7	B	25	Mod	lt-brn	No	10	Mixed	till		15	4/8/2006	MP	
SC276722	527392	6867116	6650E	5900N	7	B	20	Mod	red-brn	Yes	0	Std conifer	till		55	4/8/2006	MP	
SC276723	527437	6867166	6650E	5950N	7	B	35	Steep	lt-brn	No	15	Mixed	till		5	4/8/2006	MP	
SC276724	527478	6867157	6650E	6000N	7	B	25	Mod	lt-brn	No	5	Mixed	till		10	4/8/2006	MP	
SC276725	527514	6867203	6650E	6050N	7	B	25	Steep	lt-brn	Yes	5	Std conifer	till		35	4/8/2006	MP	
SC276726	527549	6867222	6650E	6100N	7	B	60	Steep	drk brn	Yes	0	Std conifer	till		55	4/8/2006	MP	
SC276727	527585	6867253	6650E	6150N	7	B	15	Steep	drk brn	Yes	5	Std conifer	till		40	4/8/2006	MP	
SC276728	527621	6867281	6650E	6200N	7	B	15	Steep	brown	Yes	15	Std conifer	till		35	4/8/2006	MP	
SC276729	527661	6867305	6650E	6250N	7	B	30	Steep	lt-brn	Yes	10	Std conifer	till		15	4/8/2006	MP	
SC276730	527668	6867316	6650E	6300N	7	B	20	Gentle	lt-brn	No	10	Mixed	till		15	4/8/2006	MP	
SC276731	526884	6867239	6450E	5600N	7	B	20	Gentle	lt-gry	No	15	Mixed	till		10	5/8/2006	MP	
SC276732	526917	6867281	6450E	5650N	7	B	20	Mod	drk brn	No	10	Mixed	till		20	5/8/2006	MP	
SC276733	526946	6867297	6450E	5700N	7	B	25	Mod	drk brn	No	25	Mixed	till		20	5/8/2006	MP	Some sand

SC276734	526980	6867340	6450E	5750N	7	B	25	Mod	brown	No	15	Mixed	till		20	5/8/2006	MP	
SC276735	527018	6867379	6450E	5800N	7	B	25	Gentle	drk brn	Yes	10	Mixed	till		15	5/8/2006	MP	
SC276736	527067	6867421	6450E	5850N	7	B	30	Steep	lt-brn	No	10	Mixed	till		10	5/8/2006	MP	
SC276737	527085	6867446	6450E	5900N	7	B	30	Steep	lt-brn	No	15	Mixed	till		20	5/8/2006	MP	
SC276738	527119	6867468	6450E	5950N	7	B	35	Gentle	lt-brn	No	10	Mixed	till		15	5/8/2006	MP	
SC276740	527150	6867513	6450E	6000N	7	B	35	Steep	drk brn	Yes	5	Mixed	till		60	5/8/2006	MP	
SC276741	527189	6867552	6450E	6050N	7	B	20	Steep	drk brn	Yes	5	Mixed	till		60	5/8/2006	MP	
SC276742	527194	6867544	6450E	6100N	7	B	15	Steep	lt-brn	No	25	Mixed	till		15	5/8/2006	MP	
SC276743	527132	6866998			7													
SC276744	527164	6867046			7													
SC276745	527190	6867065			7													
SC276746	527218	6867097			7													
SC276747	527247	6867148			7													
SC276748	527277	6867183			7													
SC276749	527303	6867216			7													
SC276750	527342	6867277			7													
SC276901	525976	6868276	5000E	5750N	7	B	30	Flat	Gry-brn	No	15	Mixed	till		5	28/7/06	MP/NVW	Near top of small knoll
SC276902	525945	6868239	5000E	5700N	7	B	60	Gentle	blue-gry	No	0	Mixed	bog		30	28/7/06	MP/NVW	Possibly leached zone
SC276903	525913	6868201	5000E	5650N	7	A/B	20	Mod	brn/blk	Yes	10	Mixed	till		70	28/7/06	MP/NVW	
SC276904	525882	6868164	5000E	5600N	7	B	40	Steep	brown	Yes	15	Mixed	till		50	28/7/06	MP/NVW	
SC276905	525850	6868126	5000E	5550N	7	B	30	Gentle	brown	No	25	Mixed	till		15	28/7/06	MP/NVW	Dry soil
SC276906	525818	6868096	5000E	5500N	7	B	25	Steep	brown	No	10	Mixed	till		10	28/7/06	MP/NVW	
SC276907	525786	6868066	5000E	5450N	7	B	30	Mod	drk brn	Yes	15	Mixed	till		50	28/7/06	MP/NVW	B horizon mixed with "A"
SC276908	525754	6868037	5000E	5400N	7	B	30	Mod	drk brn	No	15	Mixed	till		25	28/7/06	MP/NVW	
SC276909	525722	6868007	5000E	5350N	7	B	40	Gentle	drk brn	Yes	10	Mixed	till		35	28/7/06	MP/NVW	
SC276910	525686	6867971	5000E	5300N	7	A/B	50	Flat	drk brn	Yes	5	Mixed	till		80	28/7/06	MP/NVW	
SC276911	525650	6867935	5000E	5250N	7	B	30	Gentle	brown	Yes	10	Mixed	till		15	28/7/06	MP/NVW	
SC276912	525615	6867900	5000E	5200N	7	B	45	Mod	brown	Yes	15	Mixed	till		10	28/7/06	MP/NVW	
SC276913	525579	6867864	5000E	5150N	7	B	35	Gentle	brown	Yes	10	Mixed	till		10	28/7/06	MP/NVW	
SC276914	525543	6867832	5000E	5100N	7	B	30	Mod	drk brn	No	15	Mixed	till		35	28/7/06	MP/NVW	
SC276915	525507	6867799	5000E	5050N	7	B	25	Mod	brown	No	10	Mixed	till		10	28/7/06	MP/NVW	Dry, fine soil
SC276916	525431	6867767	5000E	5000N	7	B	30	Mod	brown	No	15	Mixed	till		35	28/7/06	MP/NVW	
SC276917	525607	6867635	5200E	5000N	7	B	50	Gentle	blk-brn	Yes	20	Mixed	till		35	28/7/06	MP/NVW	
SC276918	525637	6867669	5200E	5050N	7	B	40	Mod	lt-brn	Yes	30	Mixed	till		30	28/7/06	MP/NVW	Two locations comprise sample
SC276919	525667	6867703	5200E	5100N	7	B	40	Steep	brown	No	30	Mixed	till		40	28/7/06	MP/NVW	
SC276920	525697	6867737	5200E	5150N	7	B	30	Steep	drk brn	No	15	Mixed	till		35	28/7/06	MP/NVW	
SC276921	525727	6867771	5200E	5200N	7	B	30	Steep	lt-brn	No	10	Mixed	till		25	28/7/06	MP/NVW	Dry, fine soil
SC276922	525762	6867808	5200E	5250N	7	B	30	Mod	brown	Yes	20	Mixed	till		20	28/7/06	MP/NVW	
SC276923	525796	6867845	5200E	5300N	7	B	20	Mod	brown	No	15	Mixed	till		25	28/7/06	MP/NVW	
SC276924	525831	6867881	5200E	5350N	7	B	50	Mod	drk brn	No	25	Mixed	till		30	28/7/06	MP/NVW	Two locations, mixed A and B horizons
SC276926	525865	6867918	5200E	5400N	7	B	35	Mod	drk brn	No	5	Mixed	till		55	29/7/06	MP	
SC276927	525898	6867958	5200E	5450N	7	B	40	Mod	drk brn	No	5	Mixed	till		45	29/7/06	MP	
SC276928	525931	6867999	5200E	5500N	7	B	35	Mod	drk brn	No	5	Mixed	till		40	29/7/06	MP	
SC276929	525964	6868039	5200E	5550N	7	B	40	Mod	drk brn	No	20	Mixed	till		30	29/7/06	MP	
SC276930	525993	6868073	5200E	5600N	7	B	15	Mod	brown	No	10	Mixed	till		20	29/7/06	MP	
SC276931	526023	6868107	5200E	5650N	7	B	20	Mod	Red	No	20	Mixed	till		35	29/7/06	MP	
SC276932	526052	6868141	5200E	5700N	7	B	25	Mod	lt-brn	No	15	Mixed	till		25	29/7/06	MP	
SC276933	526087	6868175	5200E	5750N	7	B	25	Mod	lt-brn	No	15	Mixed	till		25	29/7/06	MP	
SC276934	526123	6868209	5200E	5800N	7	B	25	Gentle	lt-brn	No	5	Mixed	till		20	29/7/06	MP	
SC276935	526158	6868243	5200E	5850N	7	B	20	Gentle	lt-brn	No	10	Mixed	till		20	29/7/06	MP	
SC276936	526193	6868277	5200E	5900N	7	B	35	Gentle	lt-brn	No	10	Mixed	till		20	29/7/06	MP	
SC276937	526223	6868316	5200E	5950N	7	B	40	Gentle	lt-brn	No	5	Mixed	till		15	29/7/06	MP	
SC276938	526253	6868355	5200E	6000N	7	B	50	Gentle	brown	Yes	5	Std conifer	till		45	29/7/06	MP	
SC276939	526340	6868271	5400E	6000N	7	B	20	Gentle	brown	Yes	5	Std conifer	till		40	29/7/06	MP	
SC276940	526363	6868227	5400E	5950N	7	B	15	Gentle	brown	Yes	10	Std conifer	till		35	29/7/06	MP	
SC276941	526337	6868183	5400E	5900N	7	B	20	Gentle	brown	Yes	10	Std conifer	till		40	29/7/06	MP	
SC276942	526310	6868140	5400E	5850N	7	B	20	Gentle	brown	Yes	5	Std conifer	till		40	29/7/06	MP	
SC276943	526280	6868102	5400E	5800N	7	B	15	Gentle	brown	Yes	5	Std conifer	till		40	29/7/06	MP	

SC276944	526250	6868064	5400E	5750N	7	B	20	Gentle	brown	Yes	10	Std conifer	till		35	29/7/06	MP	
SC276945	526221	6868026	5400E	5700N	7	B	25	Gentle	lt-brn	No	15	Mixed	till		30	29/7/06	MP	
SC276946	526191	6867988	5400E	5650N	7	B	15	Mod	brown	Yes	15	Std conifer	till		40	29/7/06	MP	
SC276947	526161	6867950	5400E	5600N	7	B	20	Steep	brown	Yes	15	Mixed	till		35	29/7/06	MP	
SC276948	526131	6867912	5400E	5550N	7	B	20	Steep	brown	Yes	15	Mixed	till		45	29/7/06	MP	
SC276949	526238	6867744	5600E	5500N	7	B	15	Mod	brown	Yes	40	Std conifer	till		30	29/7/06	MP	
SC276950	526270	6867777	5600E	5550N	7	B	15	Mod	brown	Yes	40	Std conifer	till		30	30/7/06	MP	
SC276951	526302	6867810	5600E	5600E	7	B	25	Steep	brown	No	45	Willows	till		25	30/7/06	MP	
SC276952	526334	6867842	5600E	5650E	7	B	20	Steep	brown	Yes	30	Std conifer	till		20	30/7/06	MP	
SC276953	526366	6867875	5600E	5700E	7	B	20	Mod	lt-brn	Yes	20	Std conifer	till		25	30/7/06	MP	
SC276954	526398	6867908	5600E	5750E	7	B	25	Gentle	lt-brn	No	15	Mixed	till		20	30/7/06	MP	
SC276955	526445	6867955	5600E	5800E	7	B	15	Gentle	lt-brn	Yes	20	Std conifer	till		15	30/7/06	MP	
SC276956	526491	6868001	5600E	5850E	7	B	15	Gentle	brown	Yes	15	Std conifer	till		20	30/7/06	MP	
SC276957	526538	6868048	5600E	5900E	7	B	25	Gentle	lt-brn	No	10	Mixed	till		15	30/7/06	MP	
SC276958	526570	6868082	5600E	5950E	7	B	30	Gentle	lt-brn	No	10	Mixed	till		15	30/7/06	MP	
SC276959	526602	6868116	5600E	6000E	7	B	30	Gentle	lt-brn	No	15	Mixed	till		15	30/7/06	MP	
SC276960	526634	6868150	5600E	6050E	7	B	30	Gentle	brown	No	10	Mixed	till		20	30/7/06	MP	
SC276961	526666	6868184	5600E	6100E	7	B	35	Gentle	brown	No	10	Mixed	till		15	30/7/06	MP	
SC276962	526738	6868075	5800E	6100N	7	B	20	Flat	drk brn	Yes	10	Std conifer	till		40	1/8/2006	MP	
SC276963	526711	6868035	5800E	6050N	7	B	15	Flat	drk brn	Yes	5	Std conifer	till		35	1/8/2006	MP	
SC276964	526684	6867995	5800E	6000N	7	B	15	Flat	drk brn	Yes	5	Std conifer	till		40	1/8/2006	MP	
SC276965	526657	6867955	5800E	5950N	7	B	20	Flat	drk brn	No	10	Std conifer	till		35	1/8/2006	MP	
SC276966	526630	6867915	5800E	5900N	7	B	30	Flat	grey	No	10	Mixed			35	1/8/2006	MP	
SC276967	526592	6867876	5800E	5850N	7	B	35	Flat	grey	No	5	Mixed			35	1/8/2006	MP	
SC276968	526553	6867837	5800E	5800N	7	B	30	Gentle	brown	No	5	Mixed	Sandy		45	1/8/2006	MP	
SC276969	526515	6867798	5800E	5750N	7	B	25	Mod	brown	Yes	10	Std conifer	till		30	1/8/2006	MP	
SC276970	526477	6867759	5800E	5700N	7	B	20	Mod	brown	Yes	15	Willows	till		25	1/8/2006	MP	
SC276971	526439	6867720	5800E	5650N	7	B	20	Steep	brown	Yes	25	Willows	till		25	1/8/2006	MP	
SC276972	526400	6867681	5800E	5600N	7	B	25	Steep	brown	Yes	25	Willows	till		25	1/8/2006	MP	
SC276973	526362	6867642	5800E	5550N	7	B	25	Steep	black?	Yes	15	Mixed	till		15	1/8/2006	MP	
SC276974	526324	6867603	5800E	5550N	7	B	30	Mod	lt-brn	No	10	Mixed	till		5	1/8/2006	MP	Mineralized
SC276975	526560	6867510	6000E	5550N	7	B	25	Mod	grey	Yes	0	Std conifer	till		15	2/8/2006	MP	
SC276976	526595	6867546	6000E	5600N	7	B	25	Mod	drk brn	Yes	5	Std conifer	till		45	2/8/2006	MP	
SC276977	526631	6867583	6000E	5650N	7	B	30	Gentle	drk brn	Yes	5	Std conifer	till		55	2/8/2006	MP	
SC276978	526666	6867619	6000E	5700N	7	B	25	Gentle	drk brn	Yes	10	Std conifer	till		55	2/8/2006	MP	
SC276979	526701	6867655	6000E	5750N	7				lt-brn	Yes	15	Mixed	till		20	2/8/2006	MP	
SC276980	526736	6867692	6000E	5800N	7	B	15	Mod	grey	No	90	Mixed	Sandy		0	2/8/2006	MP	Near creek
SC276981	526771	6867728	6000E	5850N	7	B	15	Gentle	lt-brn	No	10	Mixed	till		25	2/8/2006	MP	
SC276982	526792	6867764	6000E	5900N	7	B	20	Gentle	grey	Yes	95	Mixed	Sandy		10	2/8/2006	MP	
SC276983	526833	6867797	6000E	5950N	7	B	25	Gentle	lt-brn	No	5	Mixed	till		10	2/8/2006	MP	
SC276984	526860	6867824	6000E	6000N	7	B	15	Gentle	lt-brn	Yes	10	Mixed	till		15	2/8/2006	MP	
SC276985	526890	6867873	6000E	6050N	7	B	15	Gentle	lt-brn	Yes	5	Mixed	till		20	2/8/2006	MP	
SC276986	526922	6867916	6000E	6100N	7	B	25	Gentle	grey	No	85	Mixed	Sandy		15	2/8/2006	MP	
SC276987	526951	6867948	6000E	6150N	7	B	30	Gentle	grey	No	85	Mixed	Sandy		15	2/8/2006	MP	
SC276988	526985	6867982	6000E	6200N	7	B	20	Gentle	lt-brn	No	10	Mixed	till		40	2/8/2006	MP	
SC276989	527177	6867855	6200E	6200N	7	B	20	Gentle	brown	No	5	Mixed	till		40	2/8/2006	MP	
SC276990	527095	6867780	6200E	6150N	7	B	15	Gentle	brown	Yes	10	Std conifer	till		35	2/8/2006	MP	
SC276991	527068	6867754	6200E	6100N	7	B	10	Mod	lt-brn	Yes	5	Std conifer	till		35	2/8/2006	MP	
SC276992	527027	6867708	6200E	6050N	7	B	20	Mod	lt-brn	No	10	Mixed	till		30	2/8/2006	MP	
SC276993	526999	6867682	6200E	6000N	7	B	25	Mod	lt-brn	No	5	Mixed	till		30	2/8/2006	MP	
SC276994	526972	6867651	6200E	5950N	7	B	20	Gentle	grey	No	40	Mixed	Sandy		15	2/8/2006	MP	
SC276995	526930	6867612	6200E	5900N	7	B	20	Gentle	lt-brn	Yes	10	Mixed	till		25	2/8/2006	MP	
SC276996	526903	6867574	6200E	5850N	7	B	25	Gentle	grey	Yes	25	Std conifer	boggy		5	2/8/2006	MP	
SC276997	526870	6867538	6200E	5800N	7	B	35	Gentle	drk brn	Yes	15	Std conifer	till		25	2/8/2006	MP	
SC276998	526836	6867501	6200E	5750N	7	B	40	Mod	brown	Yes	30	Std conifer	till		10	2/8/2006	MP	Volcanics
SC276999	526802	6867465	6200E	5700N	7	B	15	Gentle	brown	Yes	10	Std conifer	till		10	2/8/2006	MP	Volcanics
SC277000	526768	6867423	6200E	5650N	7	B	48	Mod	brown	Yes	10	Mixed	till		15	2/8/2006	MP	Volcanics

SOIL SAMPLE RESULTS SHEET

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

	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	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	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	
DESCRIPTION	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	
SC035451	<0 001	<0 005	0 002	0 1	<0 5	7 09	6	700	1	<2	2 83	<0 5	7	49	63	2 99	1 5	0 95	401	<1	2 3	
SC035452	<0 001	<0 005	<0 001	0 05	<0 5	6 48	9	680	1	<2	2 74	<0 5	15	73	48	3 29	1 08	0 93	719	<1	1 83	
SC035453	0 002	0 011	0 001	0 06	<0 5	7 12	15	670	1 1	<2	2 38	1	29	114	66	4 64	1 14	1 55	1115	<1	1 72	
SC035454	<0 001	<0 005	0 003	0 16	<0 5	2 89	22	420	0 5	2	2 92	0 7	38	41	47	4 91	0 36	0 55	6930	3	0 62	
SC035455	0 002	<0 005	0 001	0 01	<0 5	8 14	18	700	1 2	2	2 69	<0 5	21	137	61	4 97	1 19	1 73	692	<1	2 32	
SC035456	<0 001	<0 005	<0 001	0 05	<0 5	4 59	<5	380	0 7	<2	3 42	<0 5	7	71	27	2 39	0 65	0 89	417	<1	1 24	
SC035457	0 001	<0 005	0 001	0 03	<0 5	7 45	5	620	1	<2	2 88	<0 5	18	125	49	4 26	1 1	1 48	735	<1	2 05	
SC035458	0 001	<0 005	<0 001	0 02	<0 5	8 01	20	600	1	2	2 26	<0 5	21	150	37	5 86	0 98	1 63	586	<1	2 02	
SC035459	<0 001	<0 005	0 001	0 05	<0 5	2 38	<5	220	<0 5	<2	2 78	0 7	6	40	19	1 53	0 38	0 59	490	<1	0 65	
SC035460	<0 001	<0 005	<0 001	0 03	<0 5	7 01	11	620	1	<2	3 02	<0 5	14	91	31	3 64	1 12	1 21	717	<1	2 05	
SC035461	<0 001	<0 005	<0 001	0 01	<0 5	8 08	7	710	1 2	<2	2 57	<0 5	16	74	31	4 1	1 42	1 19	654	<1	2 46	
SC276701	0 005	<0 005	0 004	0 02	<0 5	7 8	17	550	1	<2	2 61	<0 5	27	300	71	5 4	1 03	2 61	812	3	2 02	
SC276702	0 003	<0 005	0 007	0 02	<0 5	7 46	17	560	1	<2	2 61	<0 5	33	251	127	5 61	0 91	2 31	1310	3	1 61	
SC276703	0 003	<0 005	0 01	0 03	<0 5	7 56	14	600	1	<2	2 74	<0 5	36	296	84	4 99	0 95	2 5	878	2	1 74	
SC276704	0 005	0 009	0 002	0 02	<0 5	7 54	13	600	1 1	<2	2 88	<0 5	22	132	56	4 56	0 94	1 42	907	2	1 87	
SC276705	0 02	0 006	0 006	0 05	<0 5	7 3	39	410	0 7	<2	2 84	<0 5	27	292	74	5 2	1 11	2 27	927	3	1 26	
SC276706	0 012	<0 005	0 003	0 01	<0 5	6 9	13	520	0 9	<2	2 69	<0 5	16	170	63	4 32	1 15	1 94	785	1	2 07	
SC276707	0 002	<0 005	0 002	0 03	<0 5	6 69	11	490	0 9	<2	3 21	<0 5	22	158	44	4 6	0 95	1 82	890	1	1 75	
SC276708	0 002	<0 005	0 001	0 03	<0 5	6 22	18	520	0 9	<2	7 09	<0 5	16	73	60	4 13	1 07	1 23	1155	1	1 28	
SC276709	0 005	<0 005	0 001	0 02	<0 5	7 57	<5	640	1 1	<2	2 72	<0 5	17	97	60	4 46	1 05	1 35	941	1	1 9	
SC276710	0 002	<0 005	0 002	0 05	<0 5	5 97	10	620	0 9	<2	2 43	<0 5	17	69	56	3 55	0 9	0 83	800	1	1 53	
SC276711	<0 001	<0 005	<0 001	<0 01	<0 5	7 91	7	590	1 2	<2	2 34	<0 5	17	89	30	4 37	1 21	1 27	599	1	2 18	
SC276712	0 002	<0 005	0 001	0 01	<0 5	7 77	18	570	1 2	<2	2 23	<0 5	20	121	62	5 23	0 87	1 39	611	2	1 79	
SC276713	0 006	<0 005	0 004	0 02	<0 5	7 3	14	660	1 2	<2	2 76	<0 5	20	123	104	4 59	0 94	1 45	817	1	1 75	
SC276714	0 003	<0 005	0 002	0 01	<0 5	7 81	19	650	1 1	<2	2 43	<0 5	23	129	56	4 97	0 93	1 62	803	1	1 91	
SC276715	0 001	<0 005	0 001	0 01	<0 5	7 77	15	600	1 1	<2	2 22	<0 5	17	116	41	4 94	0 94	1 37	638	1	1 83	
SC276716	<0 001	<0 005	0 005	0 01	<0 5	7 58	5	570	1 1	<2	2 3	<0 5	25	277	78	5 28	1 12	2 61	831	<1	1 84	
SC276717	0 001	<0 005	0 003	0 02	<0 5	6 54	18	510	1	<2	2 55	<0 5	21	125	73	4 02	0 95	1 27	712	1	1 67	
SC276718	0 003	0 008	0 005	0 02	<0 5	6 59	16	500	0 9	<2	3 13	<0 5	20	177	73	4	0 91	1 73	748	1	1 64	
SC276719	0 001	<0 005	0 006	0 04	<0 5	5 92	6	480	0 9	<2	3 02	<0 5	21	154	70	3 87	0 82	1 5	1135	<1	1 42	
SC276720	0 006	<0 005	0 009	0 02	<0 5	7 19	11	630	1 1	<2	2 71	<0 5	23	168	84	4 5	1 02	1 54	957	1	1 83	
SC276721	0 004	<0 005	0 003	0 01	13 5	7 33	9	580	1 1	<2	2 7	<0 5	21	173	91	4 74	1 03	2 04	847	1	1 88	
SC276722	0 003	<0 005	0 003	0 03	<0 5	4 13	7	490	0 7	<2	3 53	<0 5	8	56	86	2 39	0 63	0 7	1065	1	1 11	
SC276723	0 037	<0 005	0 002	0 03	<0 5	7 64	56	740	1	<2	2 4	<0 5	28	195	83	5 75	1 53	2 2	1045	3	1 81	
SC276724	0 001	<0 005	0 002	0 01	<0 5	7 61	14	610	1 2	<2	2 36	<0 5	20	119	45	4 82	1 03	1 26	729	1	1 9	
SC276725	0 004	<0 005	0 001	0 02	<0 5	6 87	16	650	1 1	<2	2 62	<0 5	20	112	66	4 27	0 99	1 32	1210	<1	1 69	
SC276726	0 003	<0 005	0 003	0 03	<0 5	6 83	9	620	1	<2	2 53	<0 5	20	123	48	4 1	1 04	1 62	757	1	1 6	
SC276727	0 003	<0 005	0 001	0 04	<0 5	6 91	8	540	1	<2	2 58	<0 5	21	128	47	4 66	0 95	1 58	966	1	1 7	
SC276728	0 004	<0 005	0 003	0 03	<0 5	6 93	14	570	1	<2	2 52	<0 5	18	110	61	4 32	0 96	1 42	997	<1	1 72	
SC276729	0 003	<0 005	0 002	0 01	2	7 24	13	560	1 1	<2	2 45	<0 5	18	138	74	4 4	1 06	1 6	926	1	1 86	
SC276730	0 002	<0 005	0 002	<0 01	<0 5	7 81	15	600	1 2	<2	2 46	<0 5	20	126	47	5 11	0 95	1 5	688	1	1 87	
SC276731	0 005	<0 005	0 006	0 02	<0 5	7	8	560	1	<2	2 43	<0 5	29	375	82	5 38	1 05	3 18	953	<1	1 86	
SC276732	0 002	<0 005	0 004	0 01	<0 5	7 17	7	590	1 1	<2	2 52	<0 5	15	152	61	3 98	1 1	1 21	677	1	1 96	
SC276733	0 003	<0 005	0 006	0 04	<0 5	6 03	16	450	0 8	<2	3 02	<0 5	18	223	50	4 03	0 95	2 12	735	<1	1 67	

SOIL SAMPLE RESULTS SHEET

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

ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
25	660	10	0 13	<5	508	0 39	79	<10	157
32	750	9	0 05	<5	373	0 41	93	<10	62
41	850	21	0 06	<5	274	0 55	143	<10	520
32	1660	4	0 26	<5	177	0 17	61	<10	119
62	580	12	0 01	<5	364	0 56	155	<10	81
24	960	4	0 12	<5	265	0 36	77	<10	60
44	890	9	0 04	<5	350	0 53	139	<10	79
50	450	11	0 01	<5	291	0 65	180	<10	80
15	910	4	0 15	<5	159	0 19	45	<10	75
32	790	9	0 04	<5	383	0 48	115	<10	74
29	340	11	0 01	<5	459	0 49	112	<10	72
187	480	11	0 01	<5	315	0 52	165	<10	91
259	760	10	0 03	5	275	0 48	159	<10	92
284	840	8	0 03	<5	296	0 53	154	<10	105
73	770	7	0 03	<5	338	0 56	148	<10	84
158	650	7	0 1	<5	249	0 45	168	<10	98
57	680	6	0 02	<5	280	0 48	156	<10	79
62	730	12	0 04	<5	278	0 52	142	<10	120
37	530	12	0 07	<5	247	0 37	110	10	125
41	670	10	0 04	<5	322	0 52	137	<10	115
27	1110	9	0 08	<5	301	0 39	92	<10	54
37	270	10	0 01	<5	379	0 55	131	<10	69
51	370	10	0 01	<5	284	0 61	161	<10	83
61	850	7	0 03	<5	290	0 54	145	<10	97
60	500	8	0 01	<5	292	0 58	158	<10	105
44	310	8	0 01	<5	289	0 62	158	<10	83
165	590	9	0 01	<5	257	0 53	166	<10	104
93	710	14	0 04	<5	295	0 51	123	<10	111
120	1000	10	0 08	<5	310	0 48	125	<10	91
108	1020	9	0 07	<5	278	0 43	115	<10	83
134	640	11	0 04	<5	322	0 51	132	<10	80
95	800	12	0 02	<5	292	0 54	149	<10	98
27	930	6	0 15	<5	259	0 3	65	<10	58
81	370	23	0 04	<5	256	0 54	186	<10	214
45	610	9	0 02	<5	315	0 61	151	<10	105
52	920	12	0 05	<5	296	0 52	133	<10	91
55	870	9	0 05	<5	266	0 53	129	<10	276
52	900	6	0 06	<5	282	0 54	147	<10	106
47	1030	31	0 05	<5	293	0 52	129	<10	126
60	650	7	0 03	<5	291	0 54	149	<10	94
54	430	8	0 02	<5	295	0 6	154	<10	85
295	520	7	0 01	<5	253	0 51	161	<10	90
79	470	12	0 02	<5	335	0 59	133	<10	100
106	850	7	0 09	<5	274	0 45	125	<10	102

SC276734	0 002	<0 005	0 003	0 02	<0 5	7 28	15	610	1 1	<2	3 02	<0 5	21	147	63	4 46	1 07	1 63	953	1	1 9
SC276735	0 004	0 007	0 003	0 03	<0 5	6 74	<5	500	1	<2	3 45	<0 5	19	156	76	4 18	0 98	1 94	598	1	1 84
SC276736	<0 001	<0 005	0 001	0 01	<0 5	7 71	10	510	1 1	<2	2 72	<0 5	20	137	55	4 9	0 95	1 72	671	<1	1 98
SC276737	0 004	<0 005	0 001	0 31	<0 5	7 13	8	530	1	<2	2 89	<0 5	20	124	45	4 58	0 96	1 63	960	1	1 86
SC276738	0 003	<0 005	0 001	0 21	<0 5	7 99	13	630	1 3	<2	2 9	<0 5	22	133	106	5 09	1 02	1 65	828	1	1 93
SC276740	0 002	0 028	<0 001	0 51	<0 5	4 35	12	420	0 8	<2	3 29	<0 5	12	55	70	2 55	0 58	0 74	909	1	1 1
SC276741	<0 001	<0 005	<0 001	0 45	<0 5	4 97	7	450	0 8	<2	3 03	<0 5	10	58	30	2 44	0 84	0 75	592	<1	1 39
SC276742	0 008	<0 005	<0 001	0 2	<0 5	7 71	11	550	1 3	2	2 21	<0 5	19	84	66	4 77	1 14	1 3	899	2	1 34
SC276743	0 001	<0 005	0 003	0 03	<0 5	7 61	13	630	1	<2	2 67	<0 5	17	162	59	4 6	1 14	1 49	651	<1	1 97
SC276744	0 001	0 005	<0 001	0 05	<0 5	6 61	14	520	0 9	2	2 62	<0 5	16	195	41	3 93	0 96	1 85	573	<1	1 82
SC276745	0 002	<0 005	0 015	0 05	<0 5	6 8	16	590	1	2	3 2	<0 5	23	209	151	4 06	1	1 48	842	<1	1 76
SC276746	0 002	<0 005	0 001	0 01	<0 5	7 77	16	650	1 1	3	2 48	<0 5	22	121	49	4 83	1 08	1 33	979	<1	2 06
SC276747	0 008	0 024	0 004	0 06	<0 5	6 65	14	520	0 9	2	2 61	<0 5	36	303	46	4 51	1 01	2 55	1210	<1	1 87
SC276748	<0 001	<0 005	0 007	0 15	<0 5	3 89	12	510	0 6	2	3	0 7	21	67	51	3 79	0 54	0 78	6540	1	1 05
SC276749	0 005	<0 005	<0 001	0 02	0 6	7 95	101	590	1 1	<2	2 52	0 6	22	92	161	5 04	1 04	1 31	834	1	2 14
SC276750	0 001	<0 005	0 002	0 04	<0 5	7 38	99	630	1	3	3 17	1	21	88	47	5 34	1 17	1 41	1460	<1	2 02
SC276901	0 004	<0 005	0 001	0 14	<0 5	7 31	23	540	1 2	<2	2 85	<0 5	26	181	138	5 49	1 01	2 18	856	1	1 9
SC276902	0 007	0 019	0 021	0 34	<0 5	6 5	17	540	1	<2	2 42	0 6	27	190	110	4 26	0 98	2 42	734	1	1 66
SC276903	0 001	<0 005	0 002	0 41	<0 5	5 25	6	460	0 8	<2	2 23	<0 5	10	81	42	3 06	0 8	0 9	469	2	1 33
SC276904	0 001	<0 005	0 001	0 18	<0 5	7 04	22	520	0 9	<2	2 19	<0 5	22	131	44	4 86	0 88	1 44	664	2	1 69
SC276905	0 003	<0 005	<0 001	0 14	<0 5	7 21	22	530	1 1	<2	1 88	<0 5	21	139	46	4 63	0 85	1 5	746	2	1 62
SC276906	0 001	<0 005	0 001	0 15	<0 5	7 29	23	580	1	<2	2 11	<0 5	21	123	40	4 82	0 91	1 41	843	2	1 78
SC276907	0 002	<0 005	0 002	0 25	<0 5	6 75	20	530	1	<2	2 51	<0 5	19	129	62	4 09	0 9	1 64	684	1	1 61
SC276908	0 006	<0 005	0 002	0 2	<0 5	6 93	15	560	1 1	<2	2 65	<0 5	20	128	51	4 14	1 03	1 68	1075	1	1 85
SC276909	0 002	<0 005	0 003	0 25	<0 5	7 11	12	550	1	<2	2 67	<0 5	16	127	35	4 38	0 94	1 6	508	<1	1 75
SC276910	0 006	<0 005	0 001	0 49	<0 5	4 54	13	450	0 8	<2	2 73	<0 5	20	66	49	3 36	0 65	0 82	3660	2	1 1
SC276911	0 002	<0 005	0 002	0 23	<0 5	7 16	17	580	1 1	<2	2 36	<0 5	21	132	63	4 58	1	1 64	741	1	1 77
SC276912	0 004	<0 005	0 006	0 13	<0 5	7 31	10	550	1	<2	2 61	<0 5	24	161	115	4 74	1 08	2 12	859	<1	1 87
SC276913	0 003	<0 005	0 002	0 16	<0 5	7 49	18	570	1 1	<2	2 68	<0 5	17	141	50	4 17	1 02	1 75	617	<1	1 87
SC276914	0 002	<0 005	0 003	0 26	<0 5	6 97	23	560	1	<2	2 71	<0 5	22	142	71	4 43	0 92	1 63	1025	1	1 73
SC276915	0 002	<0 005	0 001	0 19	<0 5	7 43	23	540	1 1	<2	2 49	<0 5	22	150	54	4 87	1 01	1 76	767	1	1 9
SC276916	0 002	<0 005	0 001	0 15	0 6	7 82	18	560	1 2	<2	2 27	<0 5	22	139	58	5 24	0 86	1 5	706	2	1 9
SC276917	0 002	<0 005	0 002	0 19	<0 5	7 15	13	580	1 1	<2	2 82	<0 5	20	140	87	4 59	0 9	1 61	916	1	1 68
SC276918	0 001	<0 005	0 003	0 26	<0 5	6 82	14	550	1	<2	2 45	<0 5	14	94	61	3 83	1 04	1 27	596	1	1 82
SC276919	0 003	<0 005	<0 001	0 21	<0 5	7 29	22	570	1 2	<2	2 54	<0 5	21	113	121	4 62	0 94	1 53	891	1	1 71
SC276920	0 004	<0 005	0 001	0 13	<0 5	7 22	7	580	1 1	<2	2 56	<0 5	18	115	73	4 4	0 96	1 49	949	1	1 8
SC276921	0 004	<0 005	0 004	0 33	<0 5	6 18	7	490	0 9	<2	3 14	<0 5	12	80	73	3 12	0 87	0 94	488	1	1 61
SC276922	0 004	<0 005	0 003	0 19	<0 5	7 51	18	560	1	<2	2 43	<0 5	24	161	73	4 79	0 99	1 83	828	1	1 75
SC276923	0 002	<0 005	0 004	0 31	<0 5	6 98	18	690	1 1	<2	3 06	<0 5	20	120	100	4 49	0 89	1 42	810	1	1 6
SC276924	0 004	<0 005	0 003	0 13	<0 5	8 09	18	610	1 2	<2	2 46	<0 5	23	181	102	4 95	1 09	1 99	845	2	1 89
SC276926	0 002	<0 005	0 002	0 29	<0 5	6 56	13	550	0 9	<2	2 74	0 5	18	113	47	3 76	0 88	1 48	689	<1	1 63
SC276927	0 003	<0 005	0 004	0 24	<0 5	7 44	16	630	1 1	<2	2 67	<0 5	21	136	94	4 55	0 98	1 66	1245	1	1 84
SC276928	0 003	0 006	0 003	0 27	<0 5	6 68	19	530	1	<2	2 71	<0 5	23	145	79	4 51	0 88	1 7	1130	1	1 73
SC276929	0 002	<0 005	<0 001	0 25	<0 5	7 06	26	450	1	<2	2 41	<0 5	18	120	45	4 84	0 77	1 17	562	4	1 55
SC276930	<0 001	<0 005	0 001	0 17	<0 5	7 06	9	620	1 1	<2	2 64	<0 5	16	94	41	3 9	1 08	1 18	1075	2	1 92
SC276931	0 003	<0 005	<0 001	0 16	<0 5	7 6	28	500	1	<2	1 67	<0 5	19	123	51	6 07	0 82	1 16	467	3	1 7
SC276932	0 002	<0 005	0 002	0 19	<0 5	7 53	16	640	1 1	<2	2 63	<0 5	18	129	57	4 25	1 02	1 46	819	1	1 92
SC276933	0 011	0 006	0 01	0 04	<0 5	7 27	21	570	1	<2	2 57	<0 5	33	408	104	5 58	0 93	3 4	933	<1	1 91
SC276934	<0 001	<0 005	<0 001	0 05	<0 5	5 77	14	470	0 8	<2	2 5	<0 5	16	104	48	3 5	0 86	1 39	719	1	1 4
SC276935	0 002	0 005	<0 001	<0 01	<0 5	7 21	12	610	1 1	<2	2 2	<0 5	11	75	37	3 64	1 15	1 02	491	1	2
SC276936	0 005	<0 005	0 004	0 03	<0 5	7 52	23	620	1 1	<2	2 93	<0 5	22	126	63	4 79	1 04	1 7	853	1	1 86
SC276937	0 004	<0 005	0 002	0 02	<0 5	7 86	23	610	1 2	<2	2 96	<0 5	21	135	72	4 65	1 09	1 64	791	2	1 97
SC276938	0 004	<0 005	<0 001	0 03	<0 5	6 94	15	590	1 1	<2	2 91	<0 5	17	106	100	4 34	1 03	1 35	991	1	1 69
SC276939	0 001	<0 005	0 001	0 02	<0 5	7 22	13	560	1	<2	2 41	<0 5	13	102	43	4 29	1 02	1 07	478	2	1 97
SC276940	0 002	<0 005	<0 001	0 01	<0 5	7 38	16	590	1	2	2 62	<0 5	16	110	41	4 26	1 08	1 23	593	1	2 05
SC276941	0 003	<0 005	<0 001	0 01	<0 5	7 09	11	550	1	<2	2 41	<0 5	15	115	43	4 28	1 02	1 21	573	2	1 94
SC276942	0 003	<0 005	<0 001	0 01	<0 5	7 29	13	570	0 9	<2	2 39	<0 5	15	121	45	4 24	1 09	1 37	566	2	2 05
SC276943	0 002	<0 005	<0 001	0 01	<0 5	7 15	19	560	1	<2	2 53	<0 5	17	101	41	3 86	1 16	1 22	577	2	2 08

69	810	9	0 04	<5	328	0 52	138	<10	98
81	770	15	0 07	<5	305	0 47	133	<10	124
63	320	10	0 01	<5	314	0 54	154	<10	81
49	930	12	0 05	<5	317	0 54	142	<10	179
67	730	10	0 02	<5	322	0 63	155	<10	107
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21	930	3	0 12	<5	293	0 34	75	<10	53
38	680	7	0 04	<5	237	0 47	133	<10	71
88	480	9	0 03	<5	334	0 59	151	<10	86
90	730	9	0 06	<5	295	0 48	128	<10	79
256	670	11	0 07	<5	329	0 46	115	<10	69
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207	710	7	0 03	<5	299	0 47	143	<10	138
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42	270	10	0 02	<5	368	0 52	124	<10	172
46	510	16	0 05	<5	309	0 45	117	<10	147
98	360	20	0 02	<5	326	0 52	164	<10	151
206	750	13	0 09	<5	284	0 45	137	<10	109
34	1070	8	0 1	<5	275	0 37	95	<10	75
55	400	14	0 03	<5	292	0 52	158	<10	101
63	250	14	0 01	<5	264	0 48	164	<10	121
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66	860	10	0 04	<5	297	0 45	135	<10	95
62	880	8	0 03	<5	339	0 45	135	<10	94
44	540	12	0 05	<5	314	0 51	147	<10	85
38	1200	7	0 12	<5	263	0 29	83	<10	97
60	810	10	0 03	<5	308	0 48	147	<10	88
91	770	8	0 02	<5	298	0 49	163	<10	112
58	650	12	0 03	<5	322	0 54	159	<10	91
63	840	8	0 04	<5	316	0 5	152	<10	99
68	450	12	0 02	<5	320	0 54	165	<10	99
68	400	11	0 01	<5	327	0 58	168	<10	114
62	890	17	0 04	<5	314	0 54	147	<10	104
42	530	12	0 03	<5	354	0 46	123	<10	77
59	740	13	0 03	<5	326	0 46	137	<10	86
55	750	13	0 02	<5	340	0 5	139	<10	94
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65	840	11	0 04	<5	300	0 52	162	<10	115
67	830	12	0 05	<5	310	0 46	140	<10	78
88	720	12	0 02	<5	310	0 55	171	<10	105
54	880	11	0 05	<5	310	0 45	130	<10	86
72	800	13	0 03	<5	338	0 5	146	<10	95
79	820	13	0 04	<5	300	0 45	140	<10	98
63	410	56	0 04	<5	274	0 47	139	<10	123
34	960	10	0 02	<5	387	0 49	121	<10	106
49	410	18	0 02	<5	264	0 68	211	<10	118
65	580	12	0 02	<5	370	0 51	134	<10	85
274	660	14	0 01	<5	302	0 53	165	<10	107
49	910	10	0 07	5	262	0 4	119	<10	85
30	300	10	0 01	<5	396	0 45	110	<10	71
57	740	9	0 03	<5	335	0 52	150	<10	100
55	790	9	0 03	<5	359	0 57	161	<10	96
53	1020	9	0 07	<5	348	0 45	130	<10	104
35	360	6	0 02	<5	348	0 54	127	<10	85
42	400	8	0 02	<5	372	0 52	124	<10	97
40	370	8	0 02	<5	335	0 56	136	<10	86
49	360	7	0 01	<5	343	0 51	129	<10	77
41	370	9	0 02	<5	379	0 49	118	<10	83

SC276944	0 002	<0 005	0 002	0 01	<0 5	7 45	13	570	1	<2	2 73	<0 5	17	131	46	4 48	1 07	1 46	661	1	2 1
SC276945	0 003	<0 005	<0 001	0 01	<0 5	7 46	21	560	1	<2	2 34	<0 5	16	129	39	4 9	0 91	1 31	560	2	1 91
SC276946	0 003	<0 005	0 002	0 02	<0 5	7 41	12	690	1 1	<2	3 07	<0 5	11	65	58	3 58	1 29	0 95	500	1	2 19
SC276947	0 004	<0 005	0 001	0 01	<0 5	7 54	13	740	1 2	<2	2 61	<0 5	10	51	32	3 28	1 59	0 92	528	1	2 43
SC276948	0 001	0 009	0 003	0 03	0 8	7 07	19	670	1 1	<2	2 86	<0 5	13	69	111	3 36	1 21	0 96	631	2	2
SC276949	0 019	0 017	0 01	0 03	<0 5	6 61	30	500	0 9	<2	2 37	<0 5	50	591	133	5 44	1 01	2 99	1375	1	1 46
SC276950	0 006	<0 005	0 007	0 03	<0 5	7 14	26	530	1	<2	2 36	<0 5	41	355	103	5 43	1 09	2 13	1365	1	1 5
SC276951	0 011	0 013	0 012	0 02	<0 5	6 99	24	550	0 9	<2	2 54	0 5	56	706	143	5 84	1	3 19	1555	1	1 55
SC276952	0 002	<0 005	0 001	0 02	<0 5	7 76	9	590	1	<2	2 56	<0 5	18	127	54	4 55	1 1	1 71	674	1	2 02
SC276953	0 005	<0 005	<0 001	0 01	<0 5	7 94	9	630	1 2	<2	2 47	<0 5	18	122	58	4 55	1 16	1 62	625	1	2 12
SC276954	<0 001	<0 005	<0 001	0 01	<0 5	8 23	16	650	1 3	<2	2 51	<0 5	20	123	67	4 81	1 13	1 46	683	1	2 08
SC276955	0 003	0 006	0 003	0 02	<0 5	8 14	15	640	1 2	<2	2 48	<0 5	18	113	58	4 64	1 19	1 57	663	1	2 18
SC276956	0 001	<0 005	<0 001	0 01	<0 5	8 09	15	640	1 2	<2	2 42	<0 5	15	104	47	4 26	1 26	1 48	586	1	2 26
SC276957	0 001	0 035	<0 001	0 03	<0 5	7 95	11	600	1 2	<2	2 18	<0 5	22	118	63	4 85	0 95	1 48	821	2	1 87
SC276958	<0 001	<0 005	0 001	0 02	<0 5	8	20	600	1 2	<2	2 19	<0 5	20	116	51	4 78	1 01	1 49	713	2	1 92
SC276959	0 001	<0 005	<0 001	0 01	<0 5	7 8	17	600	1 2	<2	2 2	<0 5	18	127	51	4 76	0 97	1 52	731	1	1 86
SC276960	0 004	<0 005	0 001	0 02	<0 5	8 12	20	630	1 1	<2	2 65	<0 5	20	149	47	4 98	1 06	1 74	835	1	2 06
SC276961	0 006	<0 005	0 002	0 01	<0 5	7 72	16	720	1 3	<2	2 47	<0 5	12	74	38	3 37	1 45	1 03	777	1	2 34
SC276962	0 007	0 006	0 015	0 04	<0 5	6 99	33	500	0 8	<2	2 44	<0 5	38	597	88	5 24	1 03	2 81	1140	1	1 43
SC276963	0 008	0 007	0 017	0 04	<0 5	7 29	27	490	0 8	<2	2 36	<0 5	42	724	88	5 79	1 05	3 55	1285	1	1 43
SC276964	0 006	0 011	0 014	0 03	<0 5	7 19	36	490	0 8	<2	2 24	<0 5	40	700	76	5 67	1 06	3 26	1240	2	1 44
SC276965	0 021	0 011	0 014	0 04	<0 5	7 31	36	500	0 8	<2	2 38	<0 5	37	546	75	5 5	1 09	3 13	1185	1	1 46
SC276966	0 003	<0 005	0 005	0 03	<0 5	7 02	13	540	0 9	<2	3 97	<0 5	20	147	89	4 29	1 12	2 01	919	<1	1 95
SC276967	0 006	<0 005	0 007	0 06	<0 5	6 06	14	490	0 8	<2	3 87	<0 5	21	170	83	4 03	0 96	2 04	893	<1	1 59
SC276968	0 003	<0 005	0 003	0 04	<0 5	7 32	15	540	0 9	<2	2 99	<0 5	15	214	38	3 95	1 05	2 09	608	<1	2 24
SC276969	0 009	<0 005	0 003	0 19	<0 5	7 6	10	640	1	<2	2 68	0 6	23	139	51	4 85	1 02	1 62	745	1	1 89
SC276970	0 014	<0 005	0 002	0 28	<0 5	7 44	15	630	1 1	<2	2 66	<0 5	23	135	56	4 78	1 02	1 58	750	<1	1 86
SC276971	0 018	<0 005	0 001	0 23	<0 5	7 86	23	620	1	<2	2 74	<0 5	27	154	46	5 15	0 98	1 75	850	1	1 89
SC276972	0 006	<0 005	0 003	0 21	<0 5	7 64	22	610	1	<2	2 62	<0 5	26	141	46	4 98	0 97	1 69	808	1	1 85
SC276973	0 004	<0 005	0 001	0 16	<0 5	8 34	13	730	1 3	<2	2 78	<0 5	23	137	50	5 16	1 03	1 54	1145	1	1 95
SC276974	0 003	<0 005	0 002	0 1	<0 5	8 13	30	1090	1 2	<2	2 95	<0 5	32	201	81	5 6	0 8	2 68	1115	1	1 94
SC276975	0 003	<0 005	0 005	0 22	<0 5	8 09	<5	620	1	<2	3 27	0 5	20	253	46	3 89	1 17	2 27	634	<1	2 32
SC276976	0 004	<0 005	0 002	0 27	<0 5	7 76	11	590	1	<2	3 1	<0 5	22	179	60	4 67	1 12	2 21	722	<1	1 94
SC276977	<0 001	<0 005	0 004	0 37	<0 5	6 93	<5	550	0 9	<2	3 31	<0 5	18	145	51	4 08	1 02	1 88	748	<1	1 82
SC276978	0 003	<0 005	0 004	0 29	<0 5	8 06	<5	620	1	<2	3 28	<0 5	21	166	60	4 41	1 19	2 33	764	<1	2 06
SC276979	0 002	<0 005	0 002	0 08	<0 5	8 08	<5	670	1 1	<2	3 04	<0 5	19	112	47	4 03	1 38	1 51	782	<1	2 59
SC276980	0 003	<0 005	0 012	0 13	<0 5	7 72	13	500	1	<2	3 76	0 6	31	913	102	6 59	1 08	3 33	1575	<1	2 17
SC276981	0 009	<0 005	0 002	0 17	<0 5	7 47	11	560	1 1	<2	3 21	0 5	20	154	53	4 34	1 13	1 89	903	<1	2 39
SC276982	0 047	<0 005	0 002	0 24	<0 5	7 65	11	540	0 9	<2	3 74	<0 5	19	220	42	4 61	1 11	2 05	1195	<1	2 26
SC276983	0 003	<0 005	0 002	0 1	<0 5	8 41	<5	630	1 1	<2	3 06	<0 5	21	153	39	4 89	1 13	1 75	895	<1	2 43
SC276984	0 001	<0 005	0 002	0 08	<0 5	7 95	5	580	1	<2	3 12	<0 5	22	170	31	4 63	1 17	1 92	752	<1	2 45
SC276985	0 001	<0 005	0 002	0 16	<0 5	8 12	8	660	1 1	<2	3 19	<0 5	20	127	47	4 52	1 25	1 68	848	<1	2 37
SC276986	0 013	<0 005	0 002	0 21	<0 5	8 17	25	580	1 2	<2	3 65	<0 5	27	152	59	6 08	1 1	2 35	1320	1	2 34
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SC276988	0 003	0 01	0 004	0 2	<0 5	8 33	7	640	1 2	<2	3 89	<0 5	23	107	194	4 86	0 98	1 63	909	<1	2 2
SC276989	0 002	<0 005	0 006	0 17	<0 5	7 59	<5	590	1 3	<2	3 2	<0 5	23	114	301	4 61	0 91	1 35	982	<1	1 89
SC276990	0 004	<0 005	0 001	0 12	<0 5	8 37	5	660	1 1	<2	2 76	0 5	24	119	40	5 13	1 08	1 48	854	<1	2 22
SC276991	<0 001	<0 005	0 001	0 15	<0 5	8 33	13	670	1 2	<2	2 55	<0 5	21	98	42	4 86	1 19	1 38	722	<1	2 26
SC276992	0 002	<0 005	0 001	0 11	<0 5	8 28	<5	640	1 2	<2	2 65	<0 5	24	105	40	4 8	1 13	1 4	668	1	2 24
SC276993	0 005	<0 005	0 002	0 16	<0 5	8	10	690	1 2	<2	3 05	<0 5	22	113	77	4 84	1 06	1 42	899	<1	2 06
SC276994	0 005	<0 005	0 003	0 15	<0 5	8 05	5	700	1 2	<2	2 92	<0 5	26	149	71	4 94	1 08	1 72	903	<1	1 97
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SC276996	0 004	<0 005	0 004	0 24	<0 5	7 94	9	600	1 1	<2	3 17	<0 5	25	170	83	4 88	1 19	2 16	761	<1	2 05
SC276997	0 002	<0 005	0 003	0 33	<0 5	7 04	13	540	0 9	<2	3 37	0 5	21	134	54	4 08	1 01	1 68	678	<1	1 85
SC276998	0 013	0 009	0 011	0 28	<0 5	7 76	37	430	0 7	<2	2 22	<0 5	45	725	67	6 22	1 13	3 64	1090	<1	1 4
SC276999	0 007	<0 005	0 011	0 21	<0 5	8 01	10	620	1 1	<2	3 11	<0 5	31	255	155	5 22	1 2	2 65	814	<1	2 11
SC277000	0 006	<0 005	0 006	0 31	<0 5	7 14	5	640	1	<2	3 15	<0 5	28	173	106	4 49	1 01	1 85	973	<1	1 83

45	460	9	0 02	<5	350	0 58	142	<10	89
44	290	10	0 01	<5	313	0 6	147	<10	84
25	460	8	0 04	<5	440	0 42	85	<10	75
22	290	13	0 02	<5	486	0 4	83	<10	74
28	560	7	0 04	<5	420	0 41	91	<10	76
404	600	13	0 04	<5	270	0 44	152	<10	154
229	680	9	0 04	<5	264	0 45	162	<10	165
435	670	11	0 04	<5	289	0 45	155	<10	160
73	410	11	0 02	<5	353	0 51	153	<10	83
70	350	15	0 02	<5	371	0 53	152	<10	86
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80	350	11	0 01	<5	391	0 53	152	<10	83
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53	400	11	0 02	<5	341	0 55	148	<10	91
52	350	13	0 01	<5	347	0 58	151	<10	91
48	380	9	0 01	5	329	0 58	150	<10	86
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25	460	10	0 02	<5	474	0 44	101	<10	72
387	710	12	0 06	<5	326	0 46	152	<10	92
396	700	10	0 05	<5	313	0 45	166	<10	101
349	620	10	0 05	<5	304	0 48	168	<10	99
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77	980	12	0 05	<5	334	0 45	147	<10	99
84	930	8	0 08	<5	280	0 4	136	<10	100
63	630	9	0 04	<5	360	0 47	149	<10	73
67	540	10	0 04	<5	345	0 51	155	<10	105
62	560	14	0 04	<5	342	0 51	152	<10	107
71	560	15	0 04	<5	342	0 52	162	<10	108
67	510	10	0 04	<5	330	0 51	158	<10	104
58	520	12	0 01	<5	375	0 59	163	<10	102
126	500	19	0 01	<5	336	0 56	185	<10	97
82	740	9	0 08	8	351	0 58	170	<10	97
100	850	10	0 08	<5	316	0 48	149	<10	127
88	970	12	0 13	6	315	0 44	128	<10	125
99	960	13	0 1	<5	331	0 48	149	<10	134
40	640	9	0 02	<5	447	0 5	129	10	72
261	900	11	0 05	5	371	0 67	201	10	105
51	940	4	0 01	<5	363	0 51	157	<10	70
49	780	4	0 06	<5	398	0 62	165	10	98
46	660	8	0 02	7	390	0 56	157	<10	77
53	700	7	0 01	<5	375	0 55	163	<10	68
45	780	10	0 02	<5	401	0 53	144	<10	75
56	1380	10	0 04	7	401	0 67	185	<10	114
51	1010	7	0 07	<5	355	0 56	150	<10	91
56	1010	11	0 04	8	474	0 57	155	<10	93
61	730	4	0 04	8	349	0 52	141	<10	66
43	460	12	0 01	<5	372	0 62	160	<10	100
40	440	9	0 01	<5	397	0 58	141	<10	80
38	430	10	0 01	<5	391	0 57	142	<10	76
50	590	10	0 03	6	375	0 55	142	<10	75
60	830	8	0 03	<5	319	0 56	156	<10	112
50	390	8	0 02	5	338	0 64	168	<10	89
77	810	11	0 05	7	305	0 55	172	<10	104
53	890	5	0 07	<5	317	0 49	135	<10	100
291	680	30	0 06	<5	278	0 45	164	<10	102
230	850	7	0 05	<5	335	0 51	154	10	117
185	790	9	0 06	<5	331	0 42	127	<10	83

All-Terrane Mineral Exploration Services

SILT SAMPLE DESCRIPTION SHEET

"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

SILT SAMPLE RESULTS SHEET

"POLE" Grid/ CANALASK, Xstrata plc (formerly Falconbridge Ltd.)

July - August, 2006

	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
SAMPLE	Au	Pt	Pd	S	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr
DESCRIPTION	ppm	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	1480
TC276295	0 008	<0 005	0 002	0 4	<0 5	6 36	10	450	0 9	<2	3 07	<0 5	18	105
TC276296	0 005	<0 005	0 013	0 27	<0 5	7 64	6	500	0 9	<2	3 59	<0 5	27	608
TC276297	0 003	0 006	0 023	0 25	<0 5	6 62	20	380	0 7	<2	2 61	<0 5	38	1200
TC276298	0 005	0 007	0 011	0 21	<0 5	6 91	17	400	0 7	<2	2 71	<0 5	33	833
TC276299	0 011	<0 005	0 01	0 24	<0 5	6 88	11	420	0 8	<2	3 29	<0 5	30	586
TC276300	0 002	<0 005	0 003	0 11	<0 5	7 79	<5	570	0 9	<2	3 37	<0 5	17	240

SILT SAMPLE RESULTS SHEET

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

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
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
67	7 05	1 07	4 05	871	1	1 39	360	590	11	0 07	<5	259	0 49	167	<10	102
78	3 98	1 02	1 32	1100	1	1 57	38	860	10	0 15	<5	523	0 42	117	<10	103
56	5 54	1 08	2 7	1065	1	2 16	135	720	8	0 07	<5	355	0 63	177	<10	105
64	6 07	0 97	3 98	920	1	1 49	352	580	11	0 06	<5	269	0 47	151	<10	98
57	5 57	1 04	3 64	958	1	1 67	272	610	11	0 05	<5	296	0 5	154	<10	95
63	5 17	1 09	3 37	911	1	1 81	231	660	8	0 08	<5	318	0 51	157	<10	91
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: Miles Ridge Interpretation Summary, (Results of UTEM Geophysical Survey) Lamontagne Geophysics Ltd.

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.

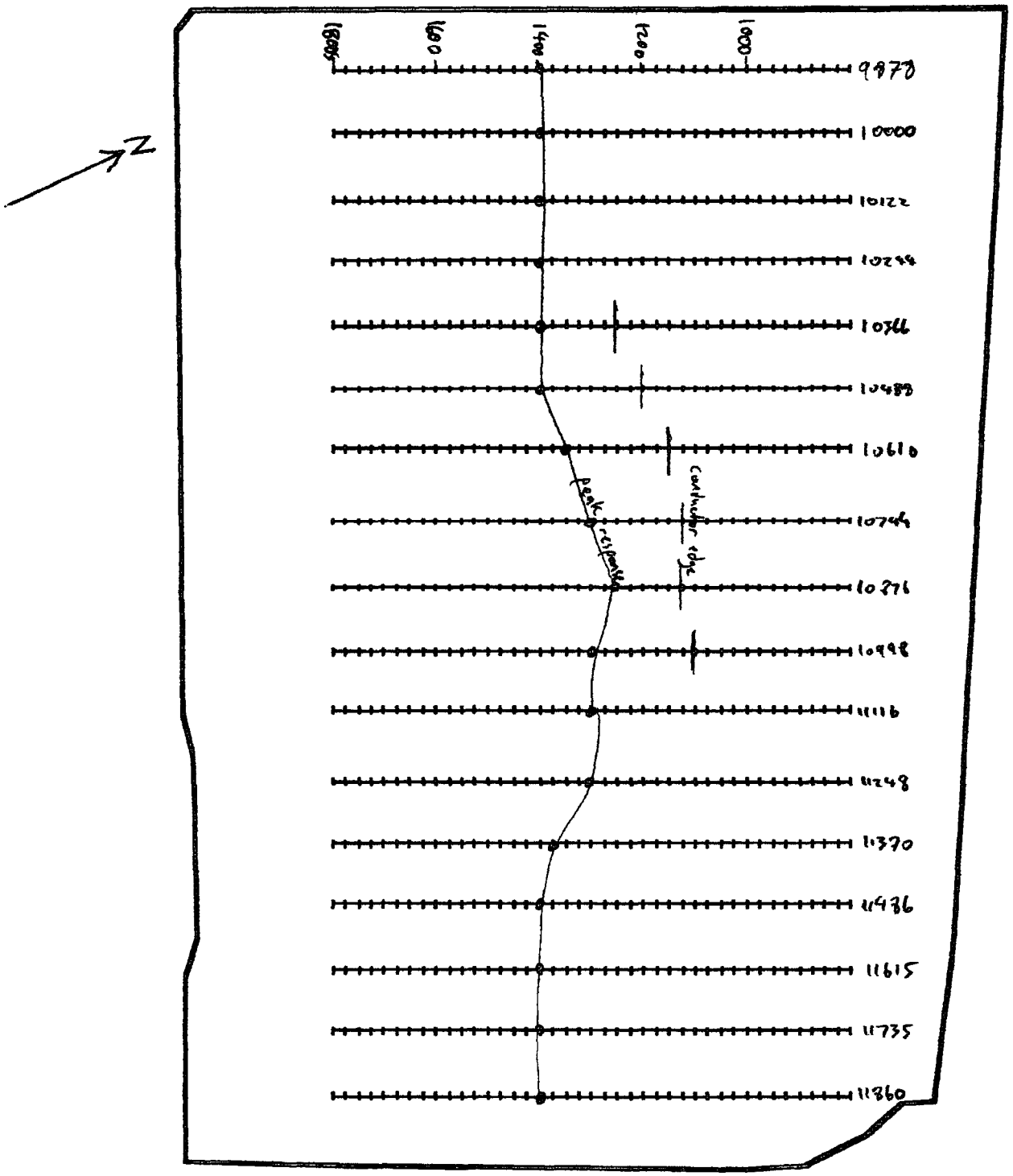


Figure 1
Canalask Grid: Loop CSK-06-01
Scale 1:13750

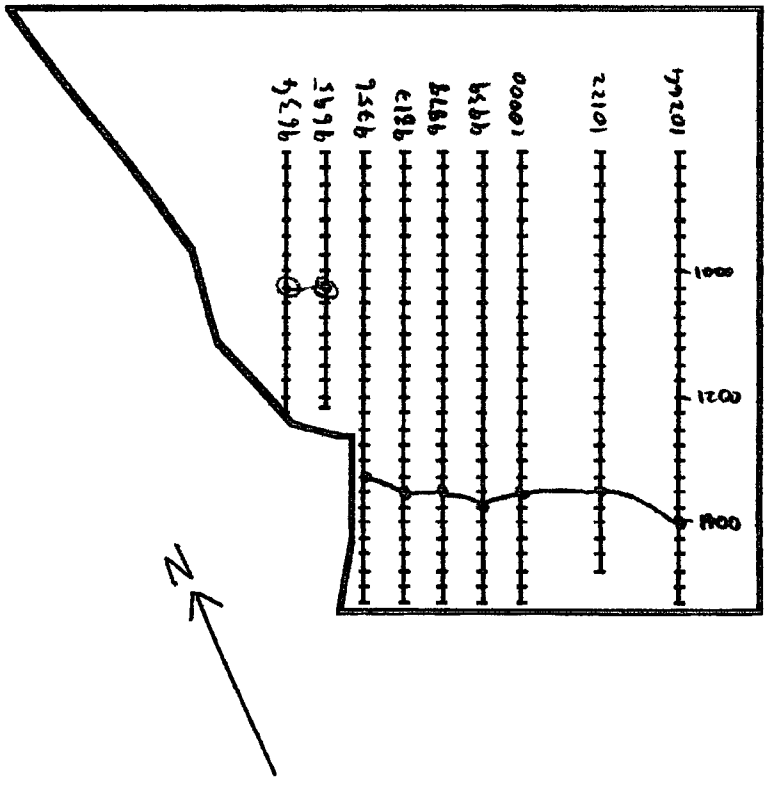


Figure 2
Canalask Grid: Loop CSK-06-01b
Scale 1:13750

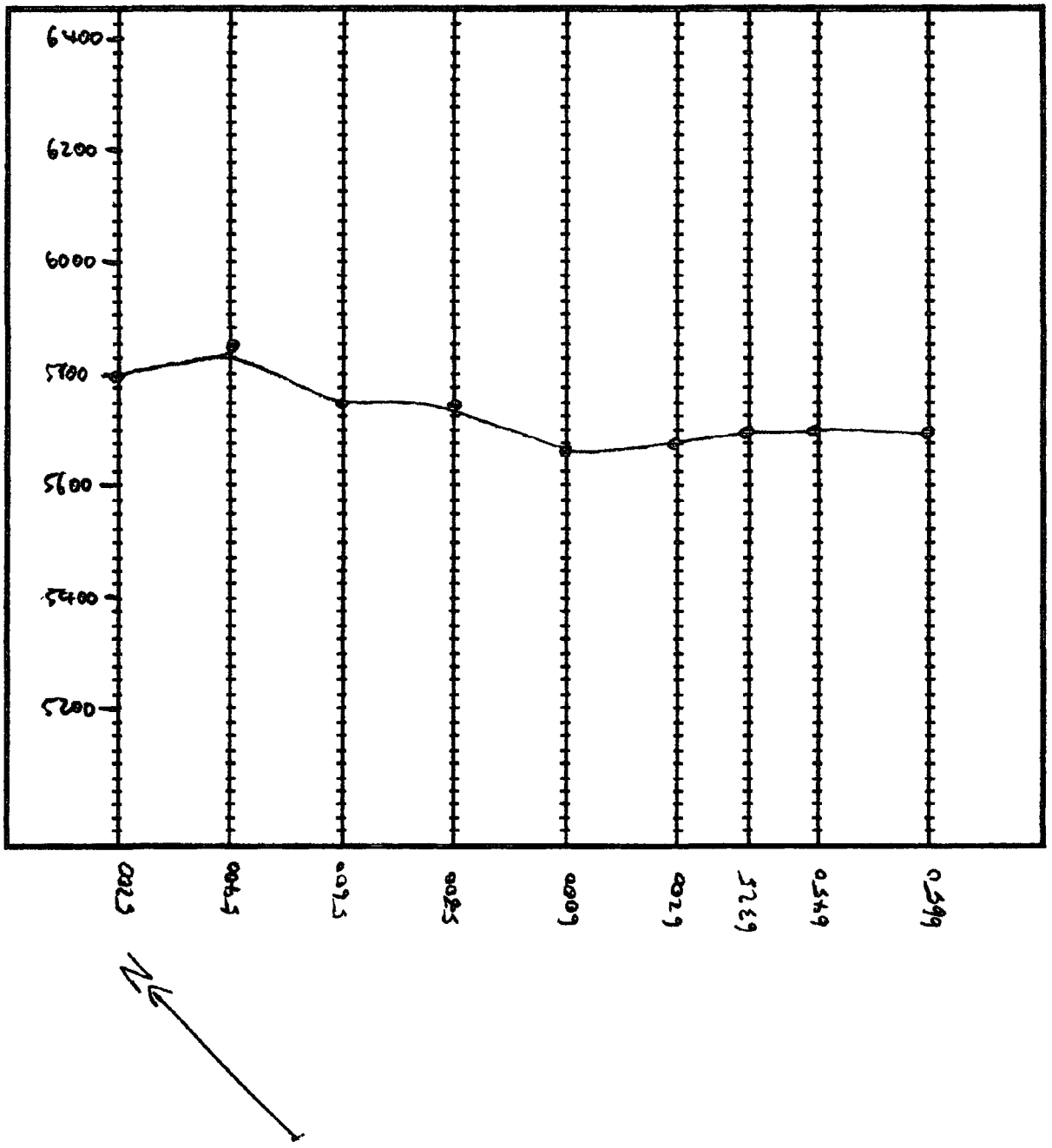


Figure 3
Pole Grid: Loop CSK-06-02
Scale 1:13750

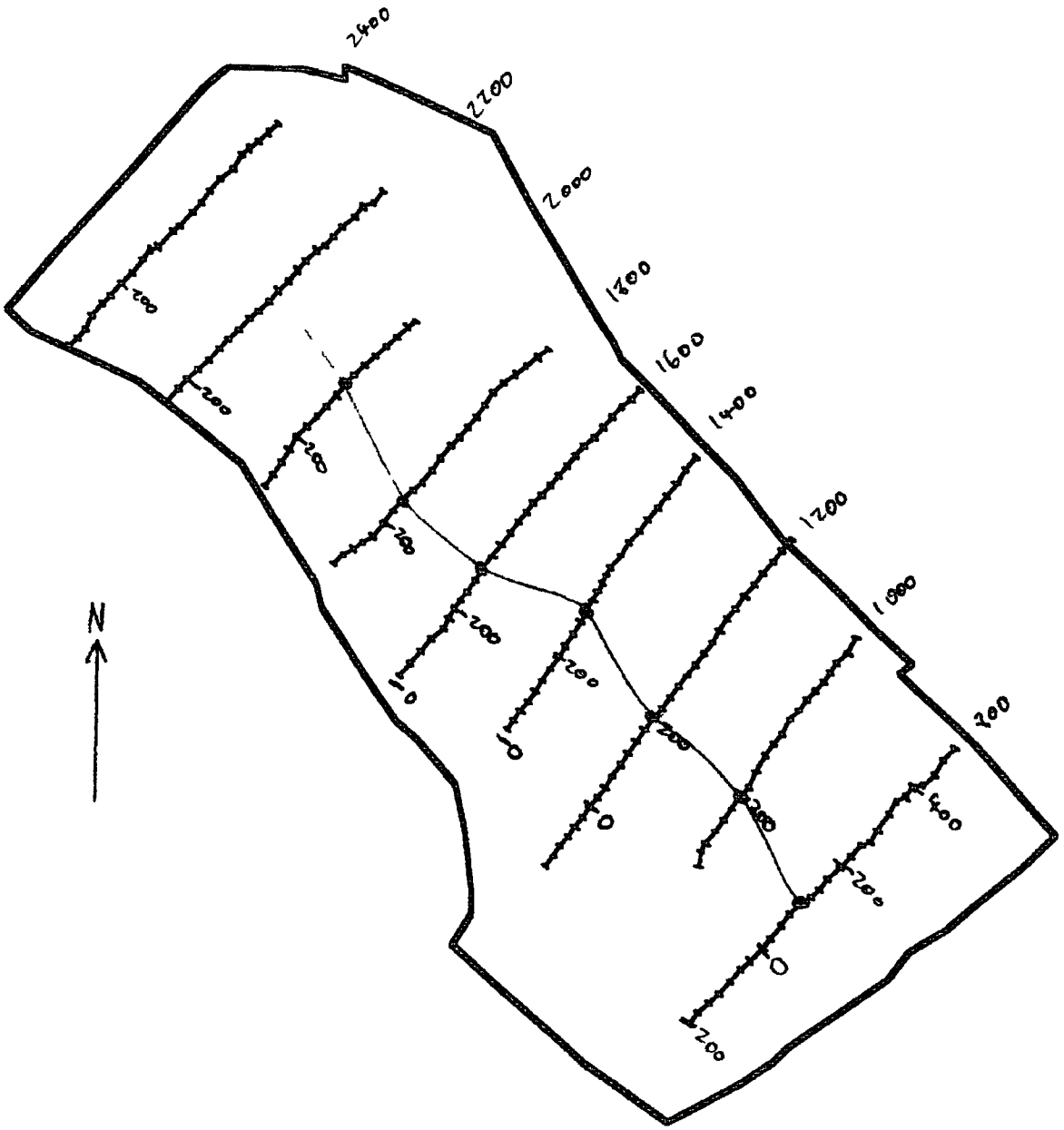


Figure 4
Onion Grid: Loop CSK-06-03
Scale 1:13750

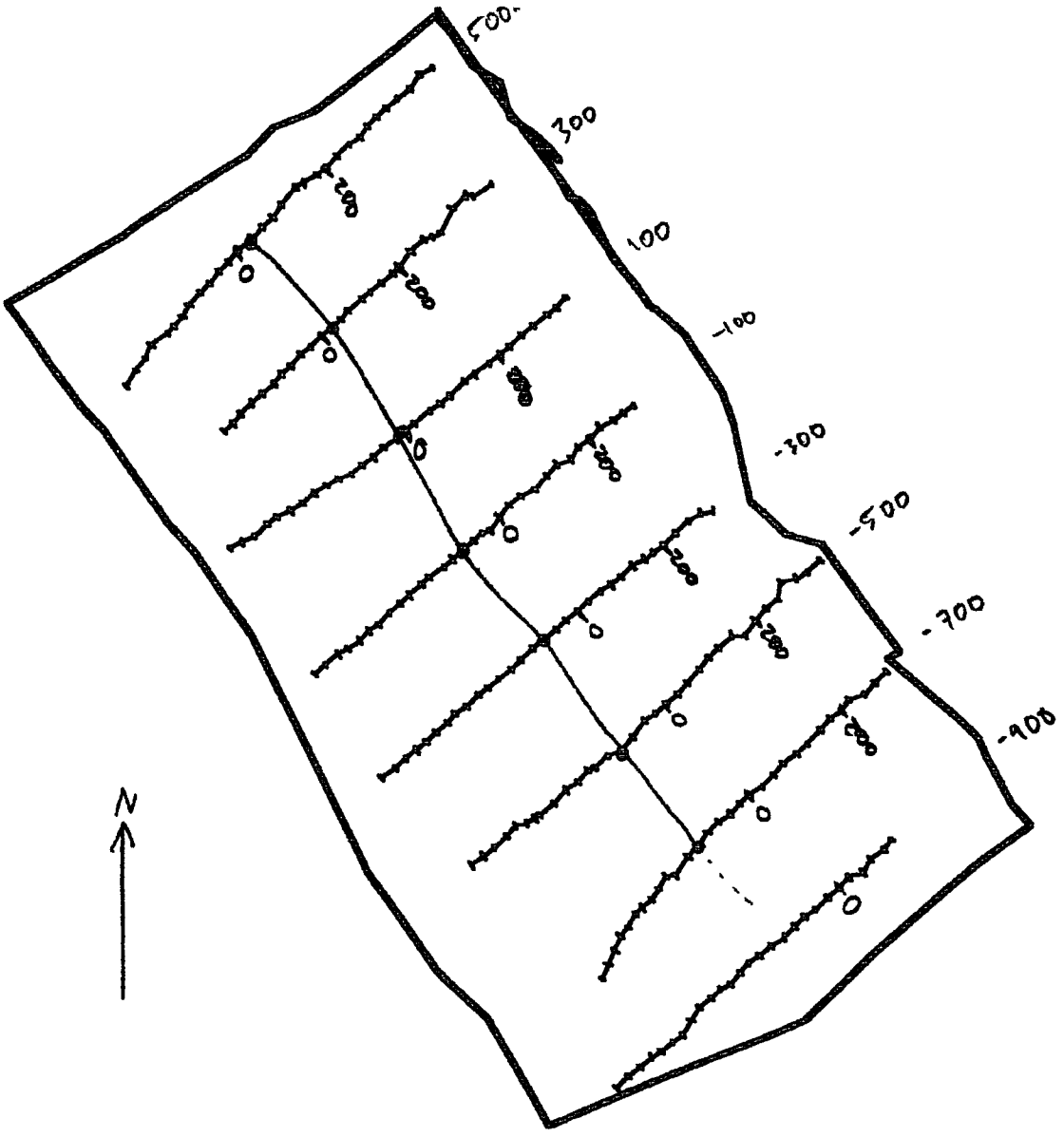
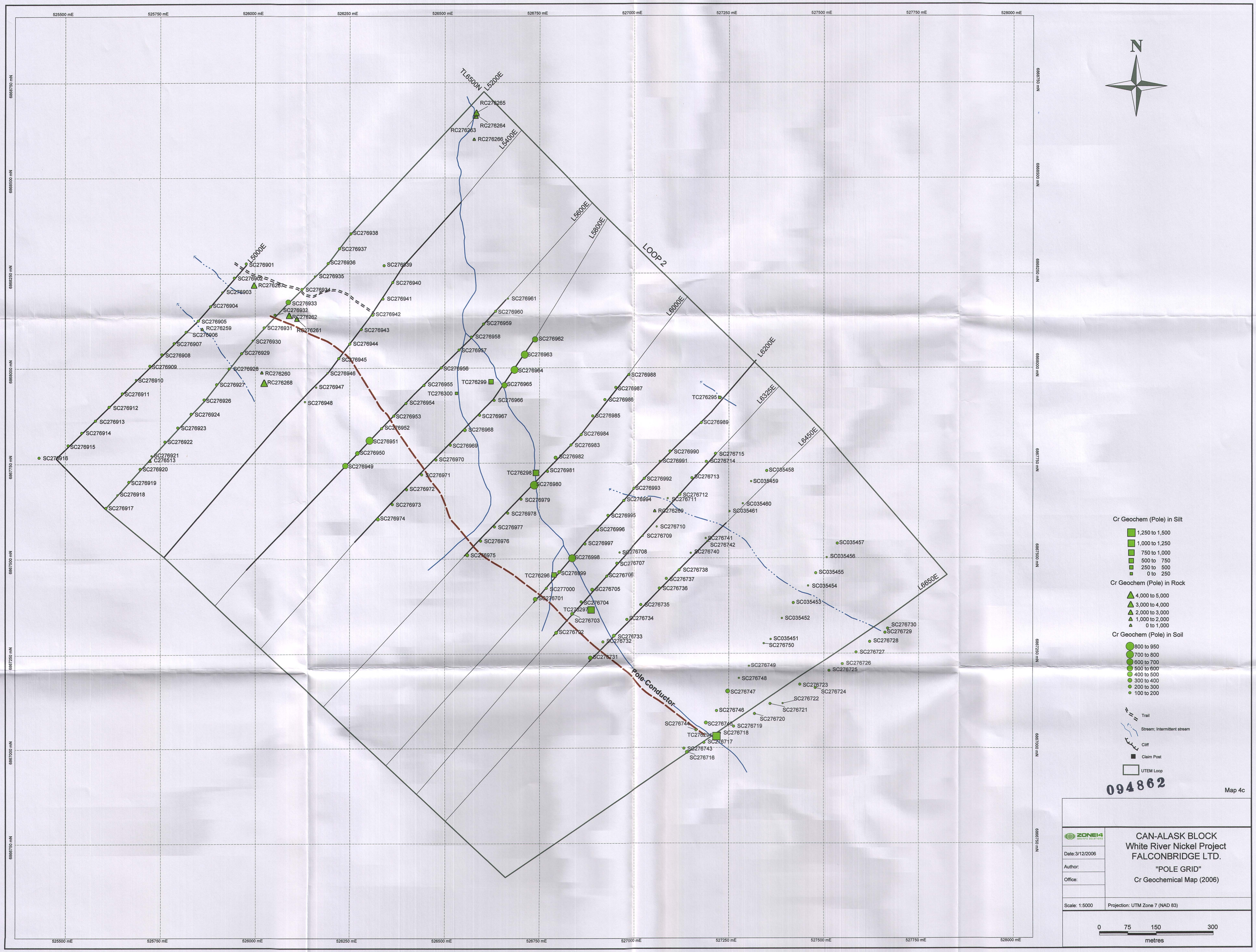


Figure 5
Onion Grid: Loop CSK-06-04
Scale 1:13750



094862

Map 4c

ZONE14 EXPLORATION SERVICES

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

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

N

TL6550N L5200E L5400E L5600E L5800E LOOP 2 L6000E L6200E L6325E L6450E L6650E L5000E

RC276265 RC276263 RC276264 RC276266

SC276901 SC276902 RC276258 SC276903 SC276904 SC276905 RC276259 SC276906 SC276907 SC276908 SC276909 SC276910 SC276911 SC276912 SC276913 SC276914 SC276915 SC276916 SC276917 SC276918 SC276919 SC276920 SC276921 C276513 SC276922 SC276923 SC276924 SC276926 SC276927 SC276928 RC276260 RC276268 SC276929 SC276930 SC276931 SC276932 SC276933 SC276934 RC276262 RC276261 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 TC276298 SC276981 SC276982 SC276983 SC276984 SC276985 SC276986 SC276987 SC276988 TC276295 SC276989 SC276990 SC276991 SC276992 SC276993 SC276994 SC276995 SC276996 SC276997 SC276998 SC276707 SC276708 TC276296 SC276999 SC276709 SC277000 SC276705 SC276701 SC276704 TC276297 SC276703 SC276702 SC276733 SC276732 SC276731 SC276734 SC276735 SC276736 SC276737 SC276738 SC276740 SC276741 SC276742 SC276710 SC276709 SC276711 SC276712 SC276713 SC276714 SC276715 SC035458 SC035459 SC035460 SC035461 RC276269 SC035457 SC035456 SC035455 SC035454 SC035453 SC035452 SC035451 SC276750 SC276730 SC276729 SC276728 SC276727 SC276726 SC276725 SC276749 SC276748 SC276747 SC276723 SC276724 SC276721 SC276722 SC276746 SC276720 SC276745 SC276744 SC276719 TC276294 SC276718 SC276743 SC276717 SC276716

Pole Conductor

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

094862

Map 4b

ZONE14 ARTISTS SUPPLIES

Date:3/12/2006	CAN-ALASK BLOCK White River Nickel Project FALCONBRIDGE LTD. "POLE GRID" Ni Geochemical Map (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

6869750 mN | 6868500 mN | 6868250 mN | 6868000 mN | 6867750 mN | 6867500 mN | 6867250 mN | 6867000 mN | 6866750 mN

N

TL6500N L5200E L5400E L5600E L5800E LOOP 2 L6000E L6200E L6325E L6450E L6650E L5000E

Andesite tuff, weak foliation = shear fabric
355/45E
Pyx float (several places)
Andesite tuff, trace py,po
Some pyx-perid float
Nick Creek
Pole Conductor
Claim Post
Interbedded conglomerate-sandstone-siltstone, carbonate alteration
Andesite-basalt tuff
Gabbro chlorite
Cont. subcrop, basalt tuff
Gab, chl (and tuff?), tr po
And-bas tuff, po
And-bas tuff
Dac tuff, fr chalcopy
bas-and tuff, loc ep
250/60NW
Bas-and. tuff, wk chl
And-bas-dip xlt?
And -bas weak cb
Boulders and xlt
Subcrop-chlorite boulders
Boulders and xlt
Rubblecrop and subcrop
Boulders, and xlt
Subcrop-rubblecrop, sandstone-siltst
Rubblecrop, conglomerate-siltst
Boulders, and xlt
Chert
Subcrop-rubblecrop, sandstone-siltst
095/70S
wk foi, qtz-carb vns
xlt
And. tuff
285/60N
And. flow? wk carb
130/65SW
295/55NE
And. tuff, wk chl
And. tuff, carb alteration
145/80
105/90
And. tuff
And.tuff, foliation, chl
070/55SE
And. tuff chlorite
And (flow?) mod chl
100/90
And.tuff, wk chl
And. tuff, qvns
And. tuff
095/70S
295/45NE
Lsst-cong, foliated
And-bas fissile, loc qtz-carb vns
xlt, wk chl
Chert (hfels and ?) qtz-carb stuk
Andesite-basalt, brecciated, gtzed & silicified infilling
Bas, fractured, subcrop strong chl, outcrop- moderate ep alt
And-bas tuff, wk foliation
And-bas tuff, loc ep
Bas-and tuff, loc ep
Chlorite
Green slate, xlt beds
Slate
Slate
Green slate
Slate
Quartzite
Quartzite
Quartzite

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

N

Horsecamp Hill

White River

Miles Ridge

Sampete Creek

Nutzotin Mountains

Miles Creek

Lower Canyon

Alaska Highway

Koidern

Mount Taylor

Kuskulana River

General Legend

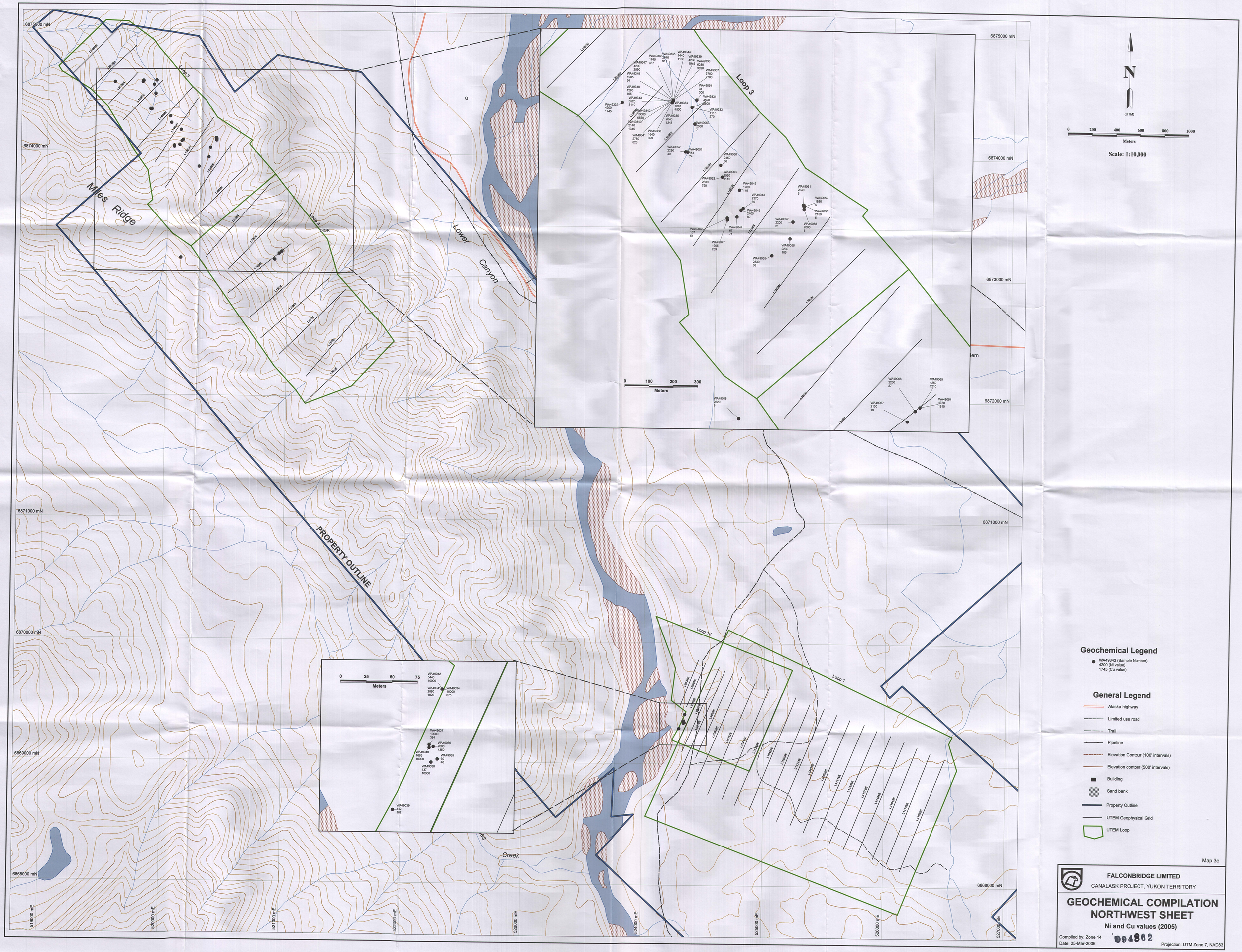
- Alaska highway
- Limited use road
- Trail
- Pipeline
- Elevation Contour (100' intervals)
- Elevation contour (500' intervals)
- Building
- Sand bank
- Falconbridge Limited
- Stratagold
- Competitor Claims

094862

Map 3F

ZONE14	WHITE RIVER NICKEL PROJEC
Falconbridge Ltd.	
Property Position	
ONION/CANALASK 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


6875000 mN
6874000 mN
6873000 mN
6872000 mN
6871000 mN
6870000 mN
6869000 mN
6868000 mN
519000 mE
520000 mE
521000 mE
522000 mE
523000 mE
524000 mE
525000 mE
526000 mE
527000 mE
Miles Ridge
Lower Canyon
Creek
PROPERTY OUTLINE
Loop 3
Loop 4
Loop 16
Loop 1
Q
Meters
0 100 200 300
0 25 50 75
N
(UTM)
0 200 400 600 800 1000
Meters
Scale: 1:10,000
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
094862
Projection: UTM Zone 7, NAD83

N
(UTM)

0 200 400 600 800 1000
Meters

Scale: 1:10,000

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

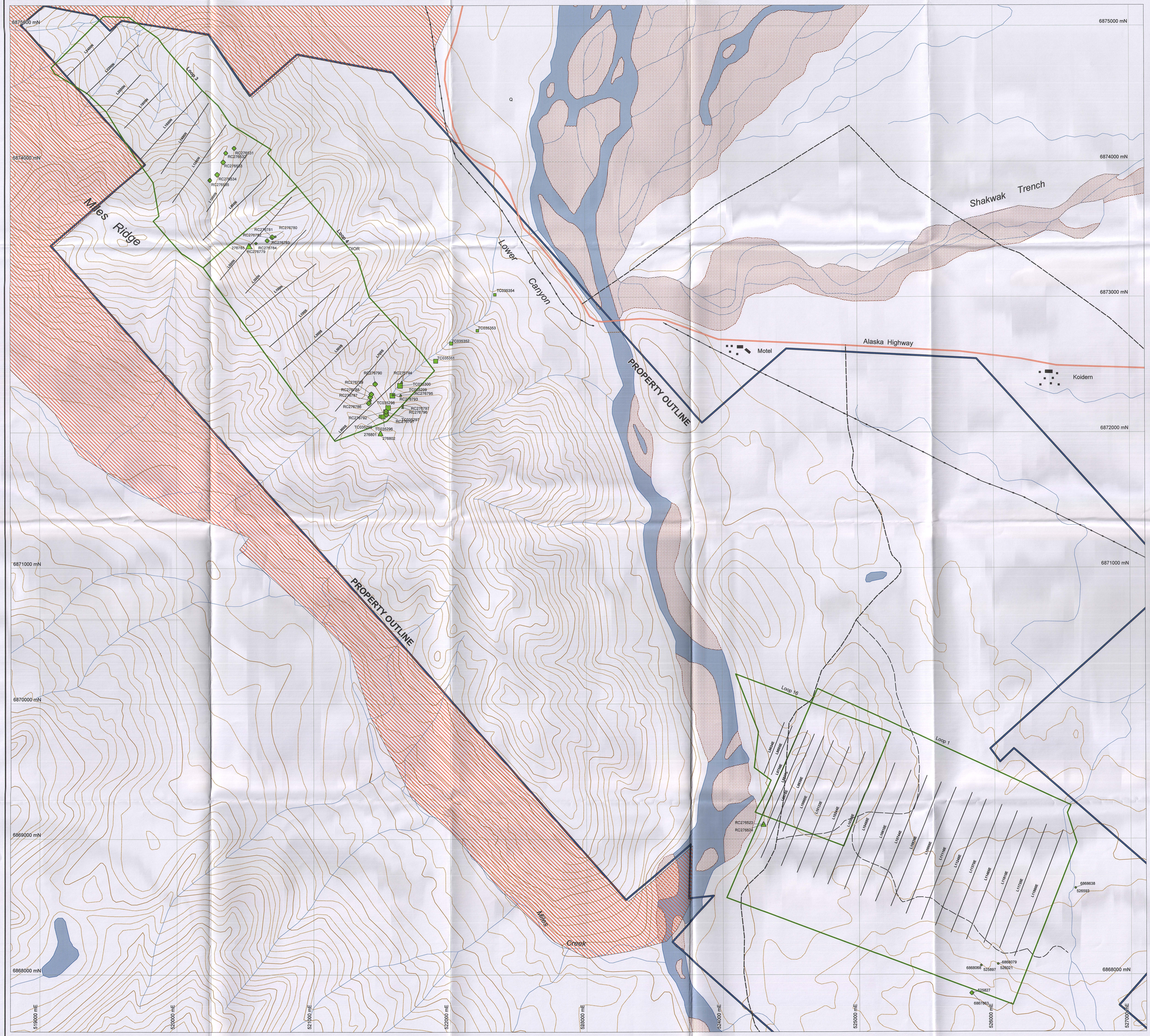
FALCONBRIDGE LIMITED
CANALASK PROJECT, YUKON TERRITORY

GEOCHEMICAL COMPILATION NORTHWEST SHEET
Cu (Silt, Rock, Wholerock) 2006

Compiled by: Zone 14
Date: 16-Feb-2006

094862

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

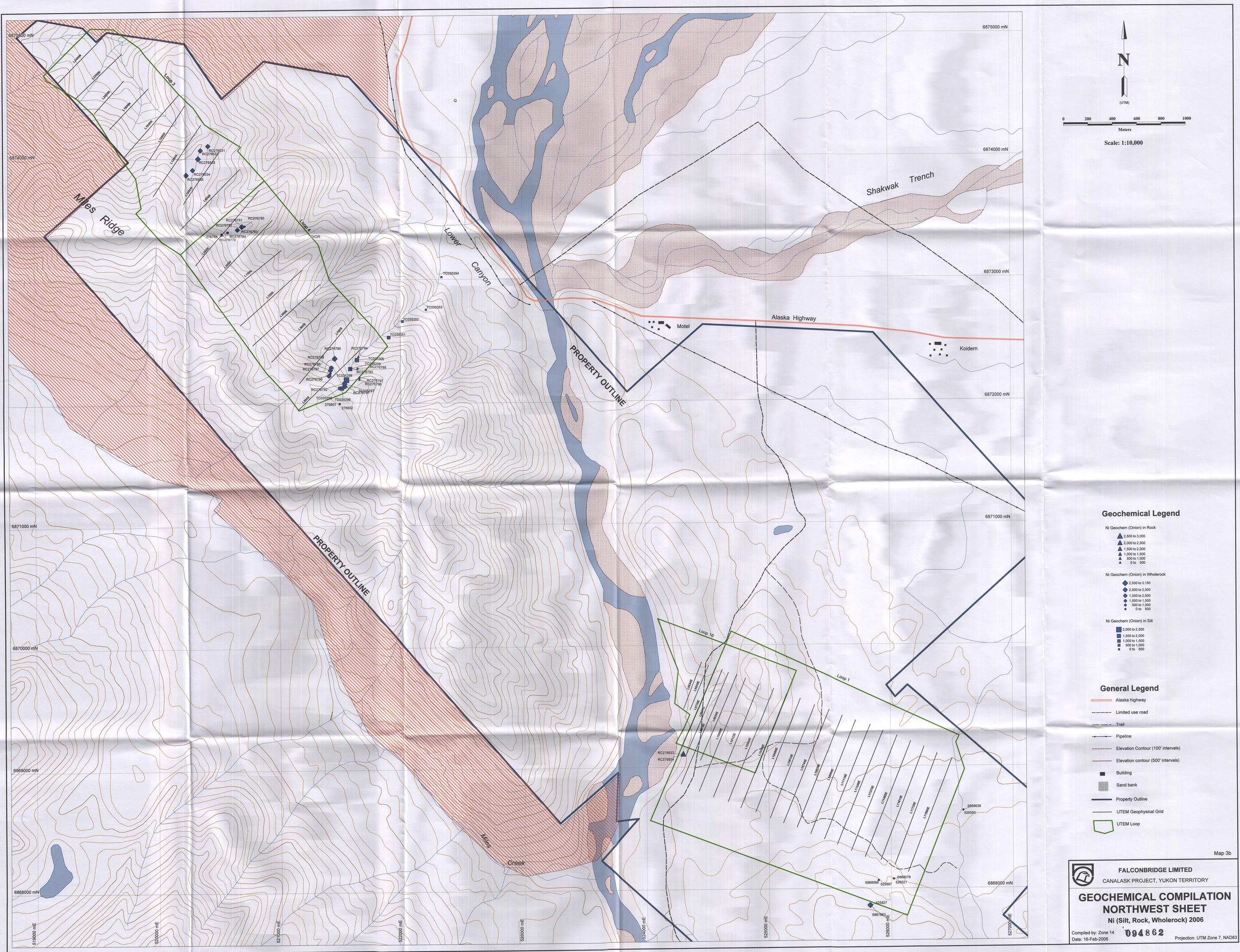
GEOCHEMICAL COMPILATION NORTHWEST SHEET

Cr (Silt, Rock, Wholerock) 2006

Compiled by: Zone 14
Date: 16-Feb-2006

094862

Projection: UTM Zone 7, NAD83



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

094862

Projection: UTM Zone 7, NAD83

GEOLOGY LEGEND

QUATERNARY

- Q — Unconsolidated glacial, glaciofluvial and galciolacustrine deposits

KLUANE RANGES SUITE (Late Early Cretaceous)

- KRX — 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
- PERID — Peridotite, interpreted / observed
- DUNI — 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.

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

094862

Projection: UTM Zone 7, NAD83

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

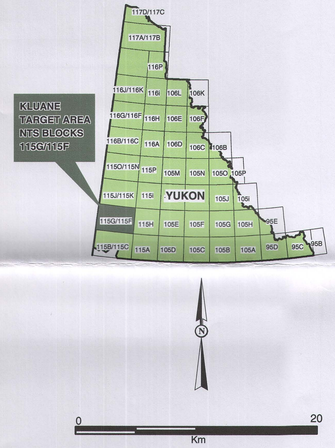
Yellow (115K105)
Onion (115K077)
Epic (115F047)
Koidern
Pickhandle (115F043)
Canalask(115F045)
- 450,000 t of 1.5% Ni, with low Cu, Co & trace Au & PGE's
Cats & Dogs (115F041)
Kluane Wildlife Sanctuary
Canada - Alaska Highway
Donjek (115G062)
Kluane River
Denali Fault
Ice & Glacier Cover
AR/Musketeer (115G026)
- Auterra Ventures Inc. carried out exploration 99-00
Swede Johnson (115G027)
Airways (115G025)
Linda (115G094)
Wash (115G100)
Wellgreen (115G024)
- 49.9 m.t. @ 0.36% Ni 0.35% Cu; 0.85 g/t Pt + Pd
- Historical workings
Glen (115G016)
Burwash Land
Kluane National Park
Nick (115G080)
Destruction
Destruction (115G006)
Kluane Lake
Dickson (115G005)
Tony (115G098)
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
Silver City
Kluane National Park
Ice & Glacier Cover
Kluane National Park

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
- TOS: SELKIRK, m volc, Tertiary - Quartermary
- 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
- UN: 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, Proterozoic - 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, Proterozoic - Paleozoic
- DMPE: PELLY GNEISS SUITE - NORTHEAST, f intru, Devonian - Mississippian
- DMPW: PELLY GNEISS SUITE - SOUTHWEST, f intru
- DMN: NASINA, gptc, qtz & schts, Devonian - Mississippian
- DMN2: NASINA, marb, calc seds
- PPN: NISLING, mica qtz-f'spar 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

094862

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

MAP 1

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

N

TL6500N L5200E L5400E L5600E L5800E LOOP 2 L6000E L6200E L6325E L6450E L6650E L5000E

RC276264 RC276265 RC276263 RC276266

SC276938 SC276937 SC276936 SC276939 SC276935 SC276940 SC276934 SC276941 SC276933 SC276942 SC276932 SC276943 SC276931 SC276944 SC276930 SC276945 SC276929 SC276946 SC276928 SC276947 SC276927 SC276948 SC276926 SC276924 SC276923 SC276922 SC276921 SC276920 SC276919 SC276918 SC276917

SC276901 SC276902 SC276903 SC276904 SC276905 SC276906 SC276907 SC276908 SC276909 SC276910 SC276911 SC276912 SC276913 SC276914 SC276915 SC276916

RC276267 RC276262 RC276261 RC276259 RC276260 RC276268 C276513

SC276961 SC276960 SC276959 SC276958 SC276957 SC276962 SC276963 SC276956 SC276964 SC276955 SC276965 SC276954 SC276966 SC276953 SC276967 SC276952 SC276968 SC276951 SC276969 SC276950 SC276970 SC276949 SC276971 SC276972 SC276973 SC276974 SC276975 SC276976 SC276977 SC276978 SC276979 SC276980 SC276981 SC276982 SC276983 SC276984 SC276985 SC276988 SC276987 SC276988

TC276299 TC276300 TC276298 TC276296 TC276297 TC276295

SC276989 SC276990 SC276991 SC276992 SC276993 SC276994 SC276995 SC276996 SC276997 SC276998 SC276999 SC277000 SC276701 SC276703 SC276702 SC276731 SC276732 SC276733 SC276734 SC276735 SC276736 SC276737 SC276738 SC276707 SC276708 SC276709 SC276710 SC276711 SC276712 SC276713 SC276714 SC276715 SC276740 SC276741 SC276742 SC276704 SC276705 SC276706

RC276269

SC035457 SC035456 SC035455 SC035454 SC035453 SC035452 SC035451 SC035458 SC035459 SC035460 SC035461 SC276750 SC276730 SC276729 SC276728 SC276727 SC276726 SC276725 SC276723 SC276724 SC276721 SC276722 SC276720 SC276719 SC276718 SC276717 SC276716 SC276743 SC276744 SC276745 SC276746 SC276747 SC276748 SC276749

Pole-Conductor

TC276294

Cu Geochem (Pole) in Silt
- 70 to 80
- 60 to 70
- 50 to 60
- 40 to 50
- 30 to 40
- 25 to 30
- 0 to 25

Cu Geochem (Pole) in Rock
- 2.5 to 3
- 1.5 to 2
- 0.5 to 1
- 0 to 0.5

Cu Geochem (Pole) in Soil
- 250 to 301
- 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 4d

ZONE14 GEOINTO SOLUTIONS

Date:3/12/2006
Author:
Office:

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

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

0 75 150 300
metres

094862