

Assessment Report

Summarizing the

Geological, Geochemical and Geophysical Surveys

on the

White River Nickel-PGE Project 'Block A'

Owners: White River Resources Inc

Beaver Creek area, Yukon Territory
Whitehorse Mining District

June 16 – August 11, 2008

ANT 23-26, 57-58, 60, 76-80, 97, 115, 135, 206, 208, 210, 263, 265, Claims (115K/02)
YC40402 – 40405, YC40436 – 40437, YC40439, YC40455 – 40459, YC40476, YC40494,
YC40514, YC40585, YC40587, YC40589, YC40642, YC40644

Block A: 62° 3' 25" N, 140° 50' 10" W (NTS Sheet 115K/02)

Prepared By:

Ian McCutcheon
White River Resources Inc
8 King Street East
Suite 400
Toronto
Ontario
M5C 1B5
Tel: +1 416 534 3911
Fax: +1 416 531 4715
imccutcheon@umbono.co.za

March 26, 2009

Assessment Report

095070

Summarizing the Geological, Geochemical and Geophysical Surveys

on the

White River Nickel-PGE Project 'Block A'

Owners: White River Resources Inc

Beaver Creek area, Yukon Territory
Whitehorse Mining District

June 16 – August 11, 2008

ANT 1 – 217, 219 – 330, 332, 334, 336 Claims (115K/02)
YC40380 – 40596, YC40598 – 40709, YC40711, YC40713 – 40714

Block A: 62° 3' 25" N, 140° 50' 10" W (NTS Sheet 115K/02)

Prepared By:

Umbono Group of Companies
3rd Floor, Old Trafford 4
Isle of Houghton
Corner of Carse O'Gowrie and Boundary Road
Houghton
Johannesburg
South Africa
2198
Tel: +27 (0)11 484 5005
Fax: +27 (0)11 484 5004
imccutcheon@umbono.co.za

March 26, 2009

Executive Summary

White River Resources Inc. ("WRR") conducted a surface and helicopter-borne exploration program on the White River Nickel-PGE Project located south of Beaver Creek, Yukon Territory, Canada in the summer of 2008. The exploration program was focused on conducting a helicopter-borne VTEM survey over Block A in conjunction with exploration activities on Blocks B and C.

The focus of the exploration program was to determine if extensions to the White River Igneous Complex ("WRIC") occur within Block A. The WRIC and similar intrusive bodies within the Kluane Mafic-Ultramafic Belt have been favourably compared to the world class Noril'sk Ni-Cu-PGE deposits in Russia. The Wellgreen deposit some 90 km to the southeast of the WRIC is the only known past producer of Ni-Cu-PGE within the Kluane Belt and produced some 171 652 tonnes of ore with an average grade of 2.23% Ni, 1.39% Cu, 0.073% Co and 2.15 g/t Pt and Pd (Carne, 1987).

Sporadic exploration on Block B since the 1950's has revealed numerous high-grade showings along the footwall contact within marginal gabbro of the WRIC. Previous sampling campaigns along these showings have returned values of 4-6% Ni. Exceptionally high values of 27% Ni, and 30g/t Au highlight the prospectivity of the property.

The epigenetic Main and Footwall Zones of the CanAlask deposit occur within Block B in the footwall to the WRIC and these have been the focus of much of the previous exploration efforts in the area. Between 1954 and 1958 CanAlask Nickel Mines completed 518.2 m of drifting on two levels (2400' and 2700') to exploit this resource. Access was via an adit along the east bank of the White River. A resource of 390,235 tons grading 1.35% Ni was established in 1968 for the CanAlask deposit. This estimate is not NI43-101 compliant.

The exploration program was not restricted to targeting ultramafic Ni-Cu-PGE mineralization. Cognisance of the fact that skarn, porphyry and vein mineral showings exist on or adjacent to the property was taken into account when sampling and mapping the area.

Due to unforeseen circumstances the VTEM survey could not be completed. Only 80% of the planned 1630 flight km were flown over the project area. Due to further delays the data for the survey was not delivered and thus could not be interpreted at the time this document was written.

Some 48 rock and stream sediment samples were collected and assayed as part of a secondary geological reconnaissance program ahead of the VTEM survey. The stream sediment program was also suspended as a result of unforeseen circumstances. Mineral occurrences on the property that had not been visited in 2007 were also investigated. No new mineral occurrences were identified by the reconnaissance program in 2008.

It is recommended that the VTEM data together with the entire geochemical and geological database should be reviewed ahead of any further exploration activities on the property.

A minimum of CAD\$244,773.86 was filed as assessment work in October 2008.

Table of Contents

1.	Introduction.....	4
1.1	Underlying Agreements.....	5
2.	Property Description and Location.....	6
3.	Access, Physiography and Climate	9
4.	Exploration History	10
5.	Geological Setting.....	11
5.1	Regional Geology.....	11
5.2	Property Geology of Block A.....	12
6.	2008 Exploration Summary.....	14
6.1	VTEM Survey	14
6.1.1	VTEM Survey Summary.....	14
6.1.2	Geochemical Sampling	16
6.1.3	Geological Mapping	17
6.1.4	Sampling Method and Approach.....	18
6.1.5	Sample Preparation, and Analysis.....	18
7.	2008 Results	19
7.1	VTEM Survey Results	19
7.2	Geochemical Sampling Results	19
8.	Discussion and Conclusions	20
9.	Recommendations	20
10.	References and Selected Bibliography:.....	21

List of Figures

Figure 1: Locality Map.....	5
Figure 2: Block A claims.....	6
Figure 3: Extent of the Wrangellia Terrane (Hulbert, 1995).....	11
Figure 4: Planned 2008 VTEM flight lines over Block A	15
Figure 5: Achieved 2008 VTEM Flight lines over Block A	15
Figure 6: Distribution of historic and 2008 planned stream sample locations in Block A	16
Figure 7: 2008 distribution of historic sample sites, assayed sample sites, stream and rock sample localities as well as geological field stations in Block A	17
Figure 8: 2008 Rock and stream sample results for Ni in Block A.....	19

List of Tables

Table 1: Block A claim status	7
Table 2: 2008 geochemical sampling summary.....	16

Appendices

Appendix A:	Statement of Qualifications
Appendix B:	List of Personnel Involved in Project
Appendix C:	2008 Filed Assessment Work Expenses
Appendix D:	Geotech Ltd VTEM Report
Appendix E:	Geotech Ltd VTEM Data
Appendix F:	ACME Laboratories Original Analytical Results
Appendix G:	2008 Field Sample Descriptions
Appendix H:	Field Mapping Reports

1. Introduction

White River Resources Inc. ("WRR") conducted a surface and helicopter-borne exploration program on the White River Nickel-PGE Project located south of Beaver Creek, Yukon Territory, Canada (Figure 1). The entire field season took place from 16th June to 3rd September 2008. The project area consists of three blocks of claims, from northwest to southeast these are Blocks A, B and C, totaling 694 claims over an area of approximately 33 800 acres. The exploration program was focused on conducting a helicopter-borne VTEM survey over Block A in conjunction with exploration activities on Blocks B and C.

The focus of the exploration program was to determine if extensions to the White River Igneous Complex ("WRIC") occur within Block A. The WRIC and similar intrusive bodies within the Kluane Mafic-Ultramafic Belt have been favourably compared to the world class Noril'sk Ni-Cu-PGE deposits in Russia. The Wellgreen deposit some 90 km to the southeast of the WRIC is the only known past producer of Ni-Cu-PGE within the Kluane Belt and produced some 171 652 tonnes of ore with an average grade of 2.23% Ni, 1.39% Cu, 0.073% Co and 2.15 g/t Pt and Pd (Carne, 1987). The Wellgreen deposit provides a useful analogy and reference for exploration strategies at the White River project.

Sporadic exploration on Block B since the 1950's has revealed numerous high-grade showings along the footwall contact within marginal gabbro of the WRIC. Previous sampling campaigns along these showings have returned values of 4-6% Ni. Exceptionally high values of 27% Ni, and 30g/t Au highlight the prospectivity of the property.

The epigenetic Main and Footwall Zones of the CanAlask deposit occur within Block B in the footwall to the WRIC and these have been the focus of much of the previous exploration efforts in the area. Between 1954 and 1958 CanAlask Nickel Mines completed 518.2 m of drifting on two levels (2400' and 2700') to exploit this resource. Access was via an adit along the east bank of the White River. A resource of 390,235 tons grading 1.35% Ni was established in 1968 for the CanAlask deposit. This estimate is not NI43-101 compliant.

The exploration program was not restricted to targeting ultramafic Ni-Cu-PGE mineralization. Cognizance of the fact that skarn, porphyry and vein mineral showings exist on or adjacent to the property was taken into account when sampling and mapping the area.

A 25 man camp was established at the White River RV camp to accommodate and stage the helicopter-supported VTEM survey and sampling and mapping programs in conjunction with field activities on Blocks B and C.

A minimum of CAD\$244,773.86 was filed as assessment work in October 2008.

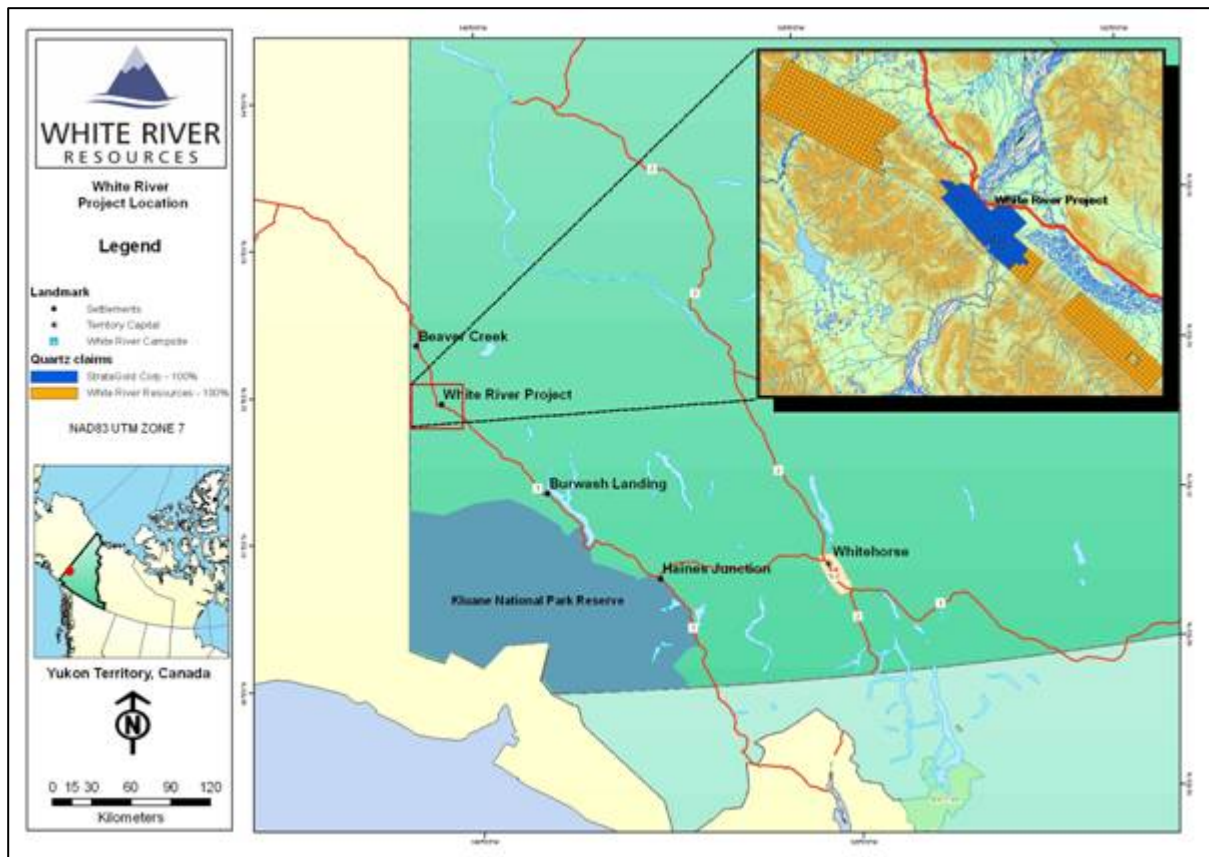


Figure 1: Locality Map.

1.1 Underlying Agreements

In September 2006 Xstrata plc, finalized its acquisition of Falconbridge Ltd. The terms of agreement of StrataGold claims, and claim ownership of non-StrataGold claims were transferred to Xstrata plc.

WRR can earn a 100% interest on the WRR claims in Blocks A, B and C (517 claims, 25,486 acres) from Xstrata by spending \$2 million by June 26, 2012. This agreement includes a 2% NSR and off-take provisions.

On March 6, 2008 Umbono Capital Partners and Umbono Nominees (the "Sellers") entered into a "Share Purchase Agreement" to transfer a 100% interest of the share capital of White River Resources Ltd to African Minerals Ltd, based in the United Kingdom. Consideration of this agreement will be met by issuance of \$1,500,000 fully paid common shares of African Minerals to the Sellers at a price of 1.575 pounds/share for a total of 2,362,500 pounds. Umbono, through White River Resources Ltd., will continue to provide corporate, project management and geological services for the project, in exchange for a fixed monthly management fee of CDN\$55,000 and a further 500,000 new fully paid common shares of African Minerals, valued at 787,500 pounds using the same share price (News Release African Minerals, March 6, 2008).

All obligations to the vendors held by Umbono through White River Resources, including disbursement of CDN\$4,000,000 in exploration expenditures by 2012, have been transferred to African Minerals. Finalization of this agreement was announced on April 14, 2008 (News Release, African Minerals, April 14, 2008).

2. Property Description and Location

Block A consists of 332 contiguous Yukon quartz mining claims, the ANT 1 – 330, 332, 334, comprising about 6,806 hectares (16,819 acres). This block is centered at 62° 3' 25" N, 140° 50' 10" W (NTS Sheet 115K/02), roughly 20 kilometres northwest of the CanAlask deposits and covering the potential northwestern extension of the WRIC (Figure 2).

Blocks A and B are separated by a parcel of Class A First Nations land; the WRFN IR-16A tract; Blocks B and C 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 (Schulze, 2007).

All claims are contiguous and unpatented (Table 1, Figure 2) 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

The area is covered by a YGS 1:50 000 scale bedrock geology map sheets: Miles Ridge Area (Open File 2007-7, covering parts of NTS 115F/15,16 and 15K1/2) (Israel *et al*, 2007a and b).

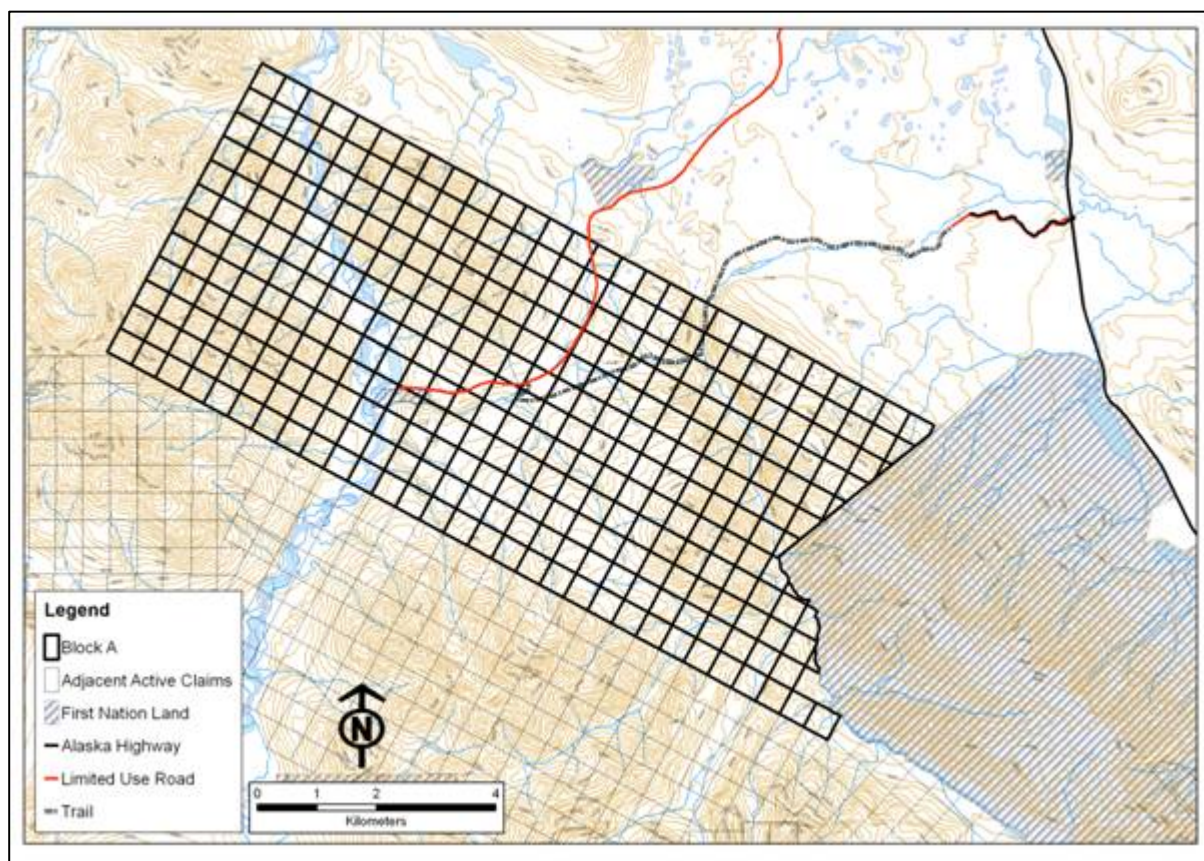


Figure 2: Block A claims

Table 1: Block A claim status

Grant Number	Claim Name	Claim Owner	Recording Date	Expiry Date
YC40380-40530	ANT 1-151	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40531	ANT 152	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40532	ANT 153	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40533	ANT 154	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40534	ANT 155	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40535	ANT 156	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40536	ANT 157	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40537	ANT 158	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40538-40570	ANT 159 - 191	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40571	ANT 192	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40572	ANT 193	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40573	ANT 194	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40574-4-575	ANT 195 - 196	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40576	ANT 197	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40577-40578	ANT 198 - 199	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40579	ANT 200	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40580	ANT 201	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40581	ANT 202	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40582	ANT 203	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40583-40584	ANT 204 - 205	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40585	ANT 206	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-10
YC40586	ANT 207	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40587	ANT 208	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-10
YC40588	ANT 209	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40589	ANT 210	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-10
YC40590-40591	ANT 211 - 213	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40593	ANT 214	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-11
YC40594	ANT 215	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40595	ANT 216	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-11
YC40596	ANT 217	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40598-40625	ANT 219 - 246	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40626	ANT 247	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40627	ANT 248	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40628	ANT 249	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40629-40633	ANT 250 - 254	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40634-40637	ANT 255 - 258	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40638	ANT 259	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-10
YC40639	ANT 260	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40640-40645	ANT 261 - 266	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-10
YC40646-40648	ANT 267 - 269	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-11
YC40649	ANT 270	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-10
YC40650	ANT 271	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-11
YC40651	ANT 272	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-10
YC40652	ANT 273	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-11
YC40653	ANT 274	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-10
YC40654	ANT 275	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40655	ANT 276	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-10
YC40656-40689	ANT 277 - 310	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-08
YC40690-40699	ANT 311 - 320	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09

YC40700	ANT 321	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-10
YC40701	ANT 322	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-09
YC40702-40709	ANT 323 - 330	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-10
YC40711	ANT 332	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-10
YC40713	ANT 334	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-10
YC40714	ANT 336	White River Resources Inc. - 100%.	3-Oct-05	3-Oct-10

3. Access, Physiography and Climate

This section is taken from C. Schulze's NI43-101 report (2007).

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

The area has a typically sub-arctic montane climate, with short fairly warm summers. Summer temperatures along valley floors are typically in the 15° 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.

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

Some facilities, including good lodging and restaurant facilities and a limited work force, are available in the village of Beaver Creek, with a population of 90, located along the Alaska Highway about 55 km north of the White River bridge. Full service facilities, including an available skilled work force, are available at Whitehorse, located along the Alaska Highway about 400 kilometres to the southeast. The deepwater port at Haines, Alaska, is accessible by paved highway 490 km to the south. 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.

4. Exploration History

This section is taken largely from the summary provided by J. Pattison (2005), The Yukon Minfile and C. Schulze's NI43-101 report (2007).

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

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

On October 3, 2005 Falconbridge staked the ANT 1-330, 332, 334, 336 claims. In 2006 Falconbridge conducted reconnaissance-style silt sampling and geological mapping program along most major streams. A total of 210 silt samples were collected at 250 metre intervals along the main streams, and larger tributaries. Some detailed mapping and sampling were done at the "Marilyn Creek" stock and "Manson Brook" (Chair Mountain) occurrence. A total of 68 rock samples and 14 soil samples were collected in Block A. The Yellow Showing was not located.

White River Resources conducted minor geological reconnaissance work in June 2007 collecting a total of 6 grab samples and investigating the "Manson Brook" occurrence. The Yellow Showing could not be located.

5. Geological Setting

5.1 Regional Geology

The project area is underlain by rocks of the Late Paleozoic to Middle Mesozoic Wrangellia Terrane. This major accretional terrane has been identified along the Pacific Margin of the Canadian Cordillera from as far south as northwestern Idaho, through British Columbia and southeastern Alaska (Figure 3). The Wrangellia Terrane, and the Alexander Terrane are believed to be part of the second major accretional event that make up the Canadian Cordillera and together they form the Insular Superterrane (Schulze, 2007). Late Mesozoic and Cenozoic dextral strike-slip faulting along the Denali may have reactivated the Wrangellia/Alexander suture defined by the Duke River Fault to the west (Israel and Van Zeyl, 2004).

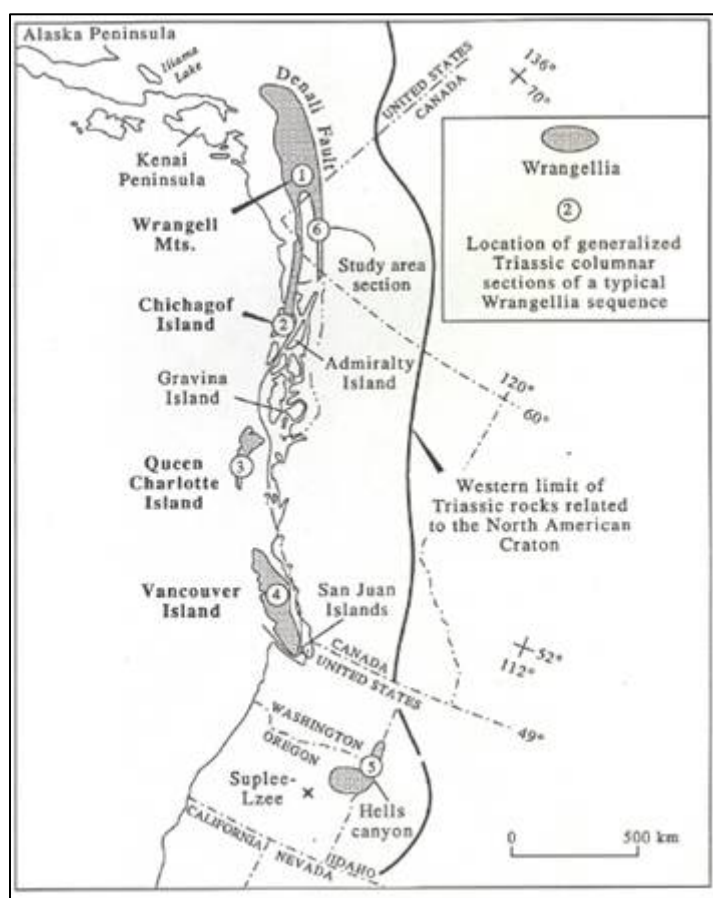


Figure 3: Extent of the Wrangellia Terrane (Hulbert, 1995)

Stratigraphically the Pennsylvanian (?) to Permian Skolai Group comprises the oldest rocks in the project area and form the base of the Wrangellia Terrane. The Skolai Group can be divided into the older Station Creek Formation and the younger Hasen Creek Formation. The Station Creek Formation represents a volcanic island arc and consists predominantly of volcanic rocks that includes andesitic and basaltic volcanics that grade upward to medium grained tuffs with local volcanic breccias. The upper 400 m of the Station Creek Formation consists of sedimentary units including shales, siltstones and limestones that form a gradational contact with the overlying Hasen Creek Formation and mark the start of subsidence of the volcanic arc. This gradational contact or “Transition Zone” is understood to be the point of intrusion of many of the Ni-Cu-PGE bearing ultramafic bodies in the Kluane Mafic-Ultramafic Belt. The Station Creek Formation has been estimated to be approximately 1000 m thick however the base of the formation has not been exposed (Hulbert, 1995; Israel *et al*, 2006). Following arc subsidence the marine sediments of the Hasen Creek Formation were deposited largely consisting of chert, black shales, sandstones and limestones with minor conglomerates. The Hasen Creek Formation is approximately 800 m thick (Hulbert, 1995). Sill-like

gabbroic units (possibly Maple Creek Gabbros) that occur throughout the Hasen Creek Formation are interpreted to be of Lower Permian age (Schulze, 2007).

The Kluane Mafic-Ultramafic Belt is made up of a number of intrusive ultramafic bodies that intrude into the Skolai Group at or near the Station Creek-Hasen Creek contact (Hulbert, 1995). These Triassic ultramafic bodies are believed to be feeders into the widespread subaerial flood basalt volcanism of the Nikolai Group that unconformably overlies the Hasen Creek Formation. The Nikolai is some 1000 m thick and consists of a sequence of basalt flows with minor interbedded limestones. Contrary to previous research the Skolai and Nikolai Groups have been extensively folded in the project area during a number of phases of folding and related low-angle thrust faulting. Field mapping by the YGS in the Quill Creek and Duke River areas to the southeast support these observations (Israel and Van Zeyl, 2004; Israel *et al*, 2005).

Late Triassic to early Jurassic strata of the Nizina and Chitistone Limestones and McCarthy Formation comprise the upper sequence of the Wrangellia Terrane (Hulbert, 1995). These strata were not observed in the project area during the field season. The Kluane Range Intrusions are the youngest rocks evident in the project area and are Lower Cretaceous in age. Age dating of the various sedimentary units is largely based on fossil records and controls.

More details relating to the regional geology and tectonic and structural history of the area can be found in Hulbert's exhaustive research (1995) as well as Israel and Van Zeyl (2005); Israel *et al* (2006); Israel and Cobbett (2008) and references therein.

5.2 Property Geology of Block A

Parts of this section have been taken directly from C. Schulze's NI43-101 report (2007).

2007 1:50,000 scale mapping by the YGS indicates that the Block A area is underlain by a successive sequence of broadly folded Station Creek, Hasen Creek Formation sediments and volcanics, and Nikolai Volcanics. The majority of the Block A is underlain by Station Creek Formation. Intrusive granitic rocks of the early Cretaceous aged Kluane Ranges Suite intrude these older sequences on Ed Mountain and in the extreme northwestern corner and southeastern corner of the claim block (Israel *et al*, 2007a; Israel and Cobbett, 2008). Major ESE-WNW trending strike-slip faults appear to occur at the Station Creek – Hasen Creek contact. These were observed in the field in the extreme west of the property in 2008.

2006 Falconbridge mapping as reported by Schulze (2007) identified at least two gabbro units, designated as subvolcanic equivalents of Nikolai Formation volcanics. One, occurring along Sanpete Creek in the extreme southeastern portion of the property, consists of melanogabbro bounded by amygdaloidal basalt with hematite and carbonate alteration. The other, occurring in the south-central property area, extends roughly three kilometers ESE – WNW, and is at least one kilometer wide. Gabbroic rocks are commonly serpentinized, particularly along fault zones, resulting in a deep greenish-black colouration. Although melanocratic, the colour differs from the jet black colour of true ultramafic rocks. Minor but locally abundant north-south trending ultramafic dykes occur along "Marilyn Creek" (unofficial name) (Schulze, 2007).

A single granite stock, called the "Marilyn Creek stock" (unofficial name), occurs at the eastern end of the south-central gabbroic unit. This has been classed as a member of the mid-Cretaceous Kluane Intrusive Suite. Felsic dykes were previously mapped at the "Manson Brook" occurrence (also called the Chair prospect); however year-2006 mapping suggests the prospect is hosted by strongly silicified and argillically altered basalt, as diminishing silicification and alteration intensity indicates the host rock is recognizably basaltic (Schulze, 2007).

A single exposure of olivine gabbro was noted about 0.5 km northwest of the Manson Brook occurrence. Atomic absorption analysis revealed weakly elevated nickel and strongly elevated chrome content, suggesting an ultramafic mineralogy (Schulze, 2007). Both the "Marilyn Creek Stock" and "Manson Brook Occurrence" have the potential to host gold mineralization (Schulze, 2007).

2007 reconnaissance mapping by WRR on Ed Mountain as well as a ridge to the immediate west of Ed Mountain revealed basalts and limestones of the Station Creek formation, and dioritic and porphyritic units possibly related to the Kluane Ranges Suite. Site visits to Cottonwood Mountain adjacent to and northwest of Block A revealed intensely folded Hasen Creek Formation limestone units that show stages of significant deformation on a regional scale. The limestones form impressive cliffs from Miles Ridge to Cottonwood Mountain.

The reader is referred to Israel and Cobbett (2008) for a more detailed description of the underlying geology of the area.

6. 2008 Exploration Summary

6.1 VTEM Survey

6.1.1 VTEM Survey Summary

A total of 1630 flight km was planned over Block A (Figure 4). Geotech Ltd, who had flown a similar survey over Blocks B and C in 2007, had again been contracted to do the survey. The survey was flown at nominal traverse line spacing of 50 m running perpendicular to the projected strike of the WRIC. This tight line spacing was chosen because of the rugged topography as well as the limited understanding of any potential conductors at depth. Tie lines running perpendicular to the traverse lines were spaced 500 m apart.

The survey was planned to start in early July 2008. Discussions with the White River First Nations and the Kluane First Nations had established that no affected parties would be active in the area until the middle of August. The survey began flying on the 3rd August 2008. On the 11th August the VTEM loop was damaged when it hit a tree. The same day, Dave Dickson, of Dickson Outfitters, who was leading a hunt in the Block A area, arrived in camp to voice his concern that the helicopter-borne VTEM survey was disturbing his hunt and he would go ahead and charge WRR for the cost of the hunt.

Following a week of deliberation, with the damaged VTEM loop, and the outfitters complaint it was decided to postpone the VTEM survey until further notice.

A total of 1305 km was flown (80%) with all tie lines completed (Figure 5).

Data compilation and processing was carried out by the application of Geosoft OASIS Montaj and programs proprietary to Geotech Ltd. Final data presentation and data archiving was completed in Geotech Ltd's Aurora office, Ontario, Canada.

A crew of a pilot, helicopter engineer with a crew chief/systems engineer and geophysicist/operator was present for the duration of the survey. The survey was flown using an A-star B3 helicopter, operated by Great Slave Helicopters Ltd.

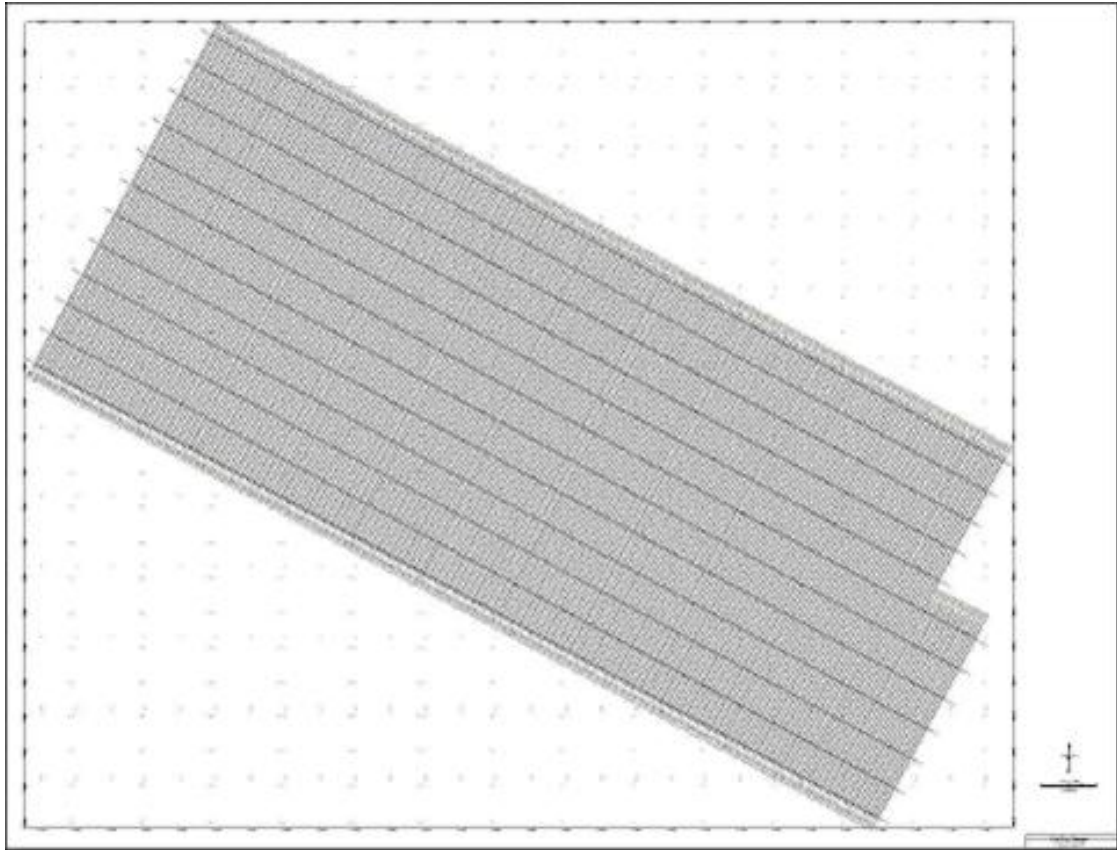


Figure 4: Planned 2008 VTEM flight lines over Block A

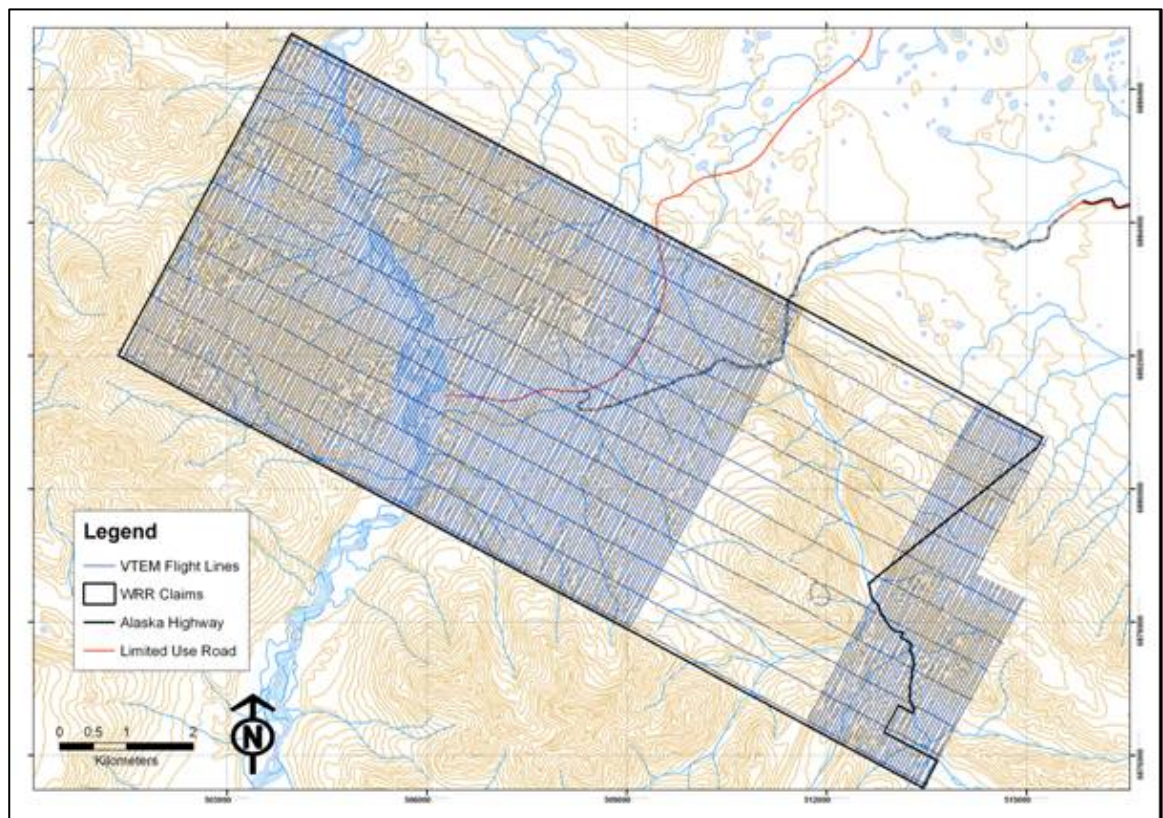


Figure 5: Achieved 2008 VTEM Flight lines over Block A

Geochemical Sampling and Geological Mapping

6.1.2 Geochemical Sampling

A stream sediment geochemical survey across Block A was planned. This survey was effectively a follow up of the geochemical survey conducted in Block A by Falconbridge in 2006. A total of 133 samples were planned and these sampled streams that had not previously been sampled (Figures 6).

Unfortunately due to the complaints lodged by the Outfitter described in section 6.1 above, all activities on Block A were suspended on August 8th 2008.

A total of 34 stream sediment samples were collected and a further 14 rock grab samples were collected in Block A. A summary of samples collected in the field is presented in Table 3. ACME Laboratories certified analysis results are presented in Appendix F.

Table 2: 2008 geochemical sampling summary

Block	Sample Type	Samples
Block A	Rock	14
Block A	Stream	34
Total		48

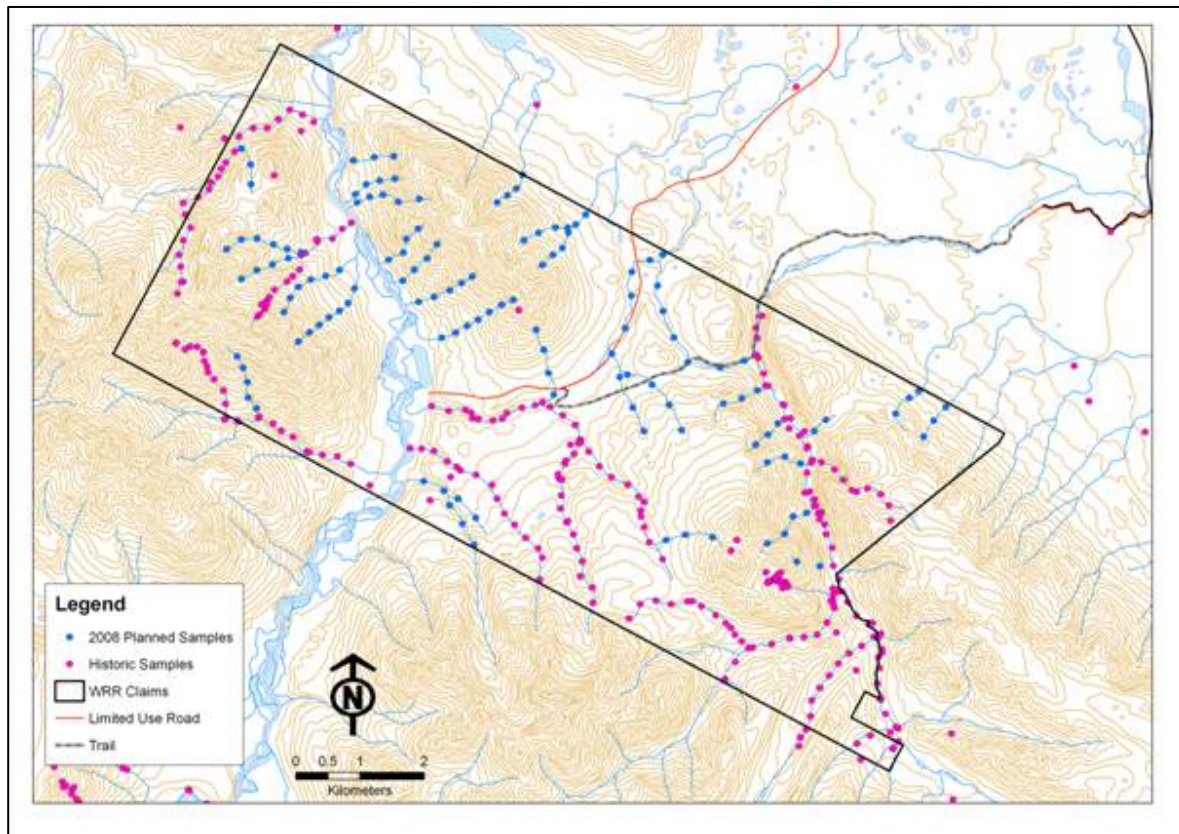


Figure 6: Distribution of historic and 2008 planned stream sample locations in Block A

6.1.3 Geological Mapping

There was an understanding that reconnaissance field mapping was required ahead of the VTEM survey in Block A to identify any potential conductors such as carbonaceous shale horizons and major faults. Limited ground truthing of the YGS's 1:50,000 map covering the project area was conducted.

It was also deemed necessary to investigate any showings that had not been fully investigated in 2007. Two mineral occurrences listed in the Yukon Geological Survey MinFile were investigated and sampled. These are detailed below.

NAME	MINFILNO	UTM_EAST	UTM_NORTH	TYPE	STATUS	COMMODITY
NUTZ	115K 095	504078.7913	6882135.45	VEIN	SHOWING	Cu - vein
GRUBER	115K 096	506628.7514	6884522.269	UNKNOWN	UNKNOWN	unknown

Figure 7 provides a summary of the areas investigated geologically as well as the sites where rock samples were described and stream and rock samples collected for assay.

Field mapping reports that give brief overviews of the traverses conducted in Block A are presented in Appendix G.

A detailed list of sample collected in the field for assay and geological investigation with descriptions and assay results is presented in Appendix H.

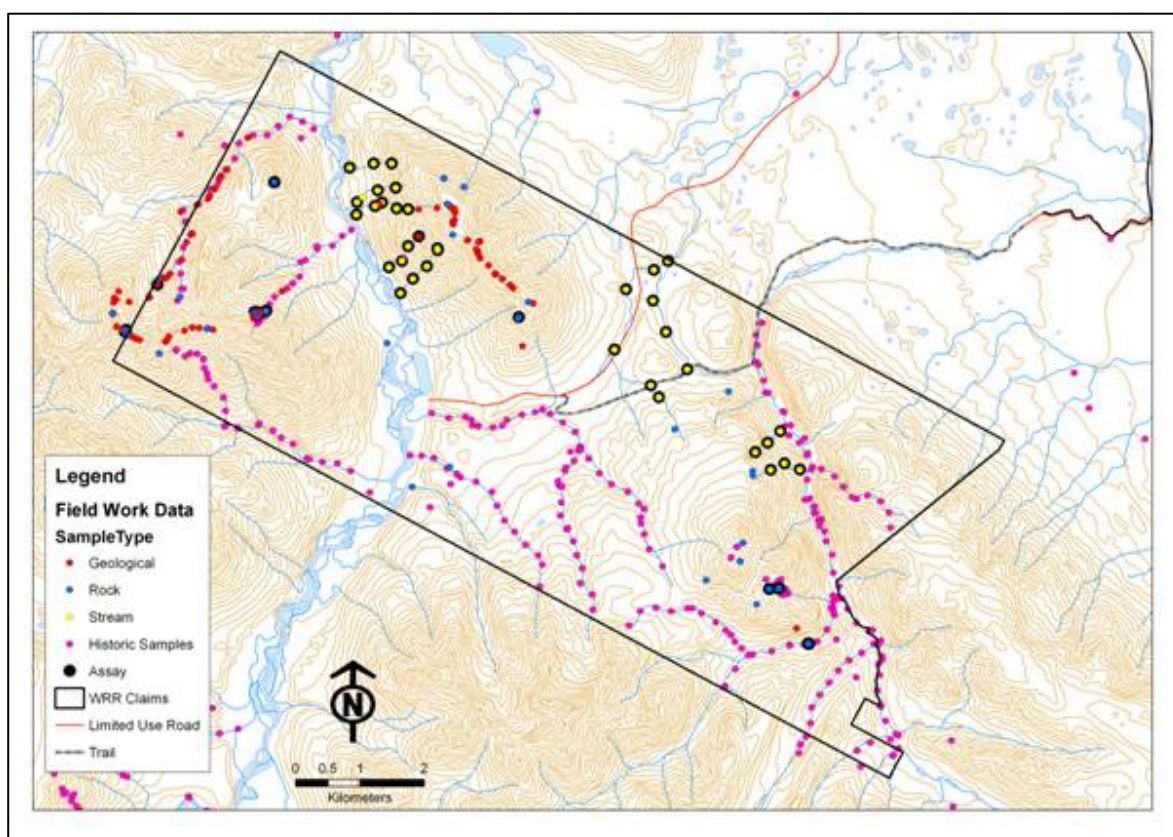


Figure 7: 2008 distribution of historic sample sites, assayed sample sites, stream and rock sample localities as well as geological field stations in Block A

6.1.4 Sampling Method and Approach

Rock grab samples for assay 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 a sample number was placed in the bag. The tag provided a reference to the date of sample, the sampler, and the number of samples collected by that sampler that day. 80727IM005 refers to a sample collected on the 27 July 2008 by Ian McCutcheon and it was the 5th sample collected that day. A number of samples were also collected for geological description and discussion only. Descriptions of these in addition with the assayed samples are detailed in Appendix H.

Rock samples were recorded as to location (UTM-NAD 83), sample type, rock type, formation, grain size, alteration, field structure and mineralization as well as a comments field. Although the descriptions were not rigorous they did provide reasonable descriptions of the samples. A photographic record of the sample sites has also been logged

Stream samples were collected at intervals ranging between 200 – 250 m. Stream sediment samples were also described as to location (UTM-NAD 83), stream grade, stream width, nature of stream (dry/wet), distance to outcrop, trap site quality (good, medium, poor), and presence of organics.

Field data was collected and entered into a hand-held ArcPad unit, and later matched with analytical results.

6.1.5 Sample Preparation, and Analysis

All rock samples were placed in thick plastic standard sample bags, sealed with thick plastic serrated "Zap Straps" and sent in a similarly sealed rice bag to ACME Analytical Laboratories Ltd of Vancouver, B.C. a certified analytical laboratory. Sealed rice bags were delivered to John Small's Expediting in Whitehorse and couriered to ACME by Air North or Greyhound Bus lines.

All rock samples were crushed to 70% passing 10 mesh, then split to 250 g and pulverize to 85% passing 200 mesh (ACME R150).

All rock samples underwent fire assay fusion for Au, Pt, and Pd by ICP-MS (ACME 3BMS) and Whole Rock Analysis for major and trace elements (ACME 4A and 4B).

All stream sediment samples were dried at 60°C and sieved (up to) 100 g to –80 mesh, up to ½ kg (ACME SS80). These samples then underwent fire assay fusion for Au, Pt, and Pd by ICP-MS (ACME 3BMS) and Whole Rock Analysis for major and trace elements (ACME 4A and 4B).

7. 2008 Results

7.1 VTEM Survey Results

The Geotech Ltd report and VTEM data are detailed in Appendix C and D respectively.

7.2 Geochemical Sampling Results

Rock grab sample assay results returned values in the following ranges:

Ni: 10 – 303 ppm
Cu: 5.8 – 3199.7 ppm
Co: 2.1 – 63.2 ppm
Pt: 0.05 – 11 ppb
Pd: 0.25 – 16 ppb
Au: 0.5 – 98 ppb

Stream sediment assay results returned values in the following ranges:

Ni: 10 – 90 ppm
Cu: 23.3 – 150.4 ppm
Co: 11.6 – 29.3 ppm
Pt: 0.05 – 18.3 ppb
Pd: 0.25 – 5.1 ppb
Au: 0.5 – 16 ppb

The Nutz showing was investigated in 2008 and proved to be an extremely gossanous occurrence with visible pyrite and minor chalcopyrite mineralization. 2008 rock sampling of this showing did return one sample with 0.32% Cu. The Gruber showing investigated in 2008 was identified in the field to be an outcropping quartz vein. This showing did not display any significant visible mineralization and was not sampled. Assay results for Ni ppm are plotted in Figure 8 below.

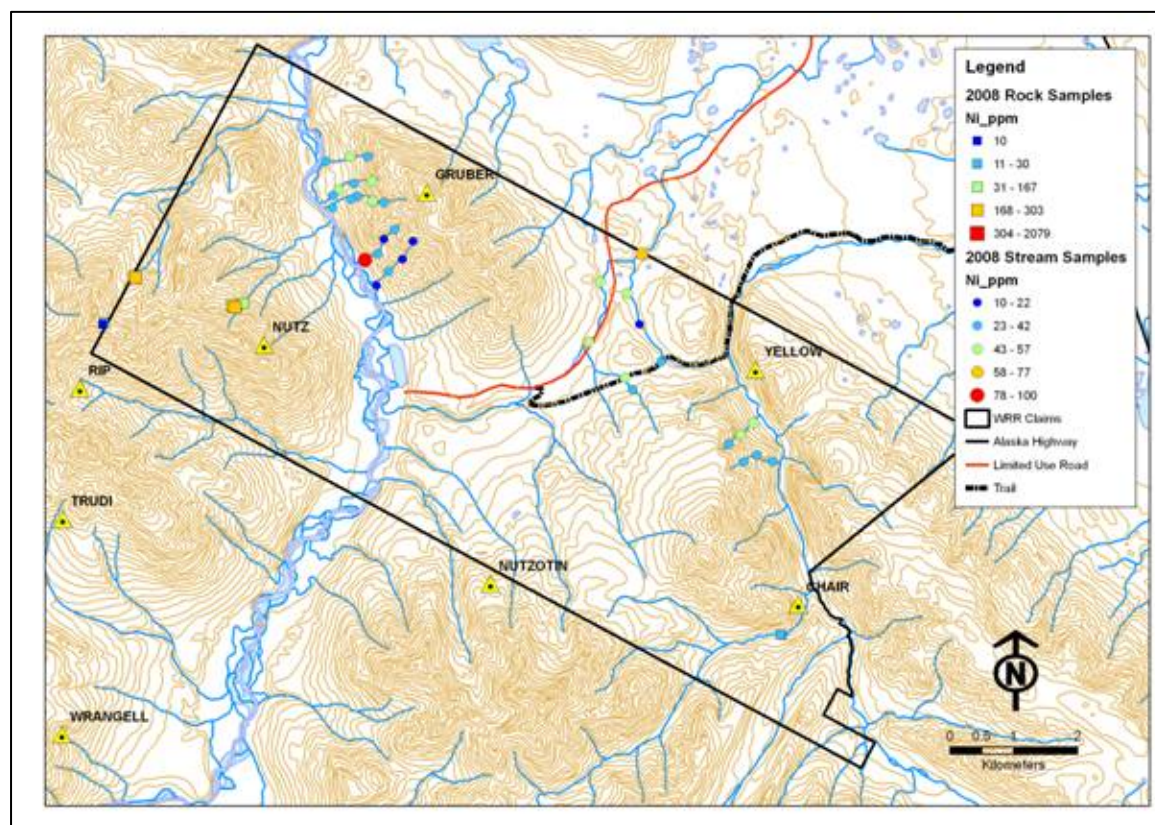


Figure 8: 2008 Rock and stream sample results for Ni in Block A

8. Discussion and Conclusions

The 2006, 2007 and 2008 sampling and mapping programs did not identify any obvious ultramafic-hosted mineralization or sizable ultramafic boulders. Minor vein-hosted and disseminated chalcopyrite occurs throughout the property (Schulze, 2007).

In 2006, two occurrences with the potential to host gold showings were discovered: the "Marilyn Creek Stock" (local name), and the "Manson Brook occurrence". However, rock sampling of the occurrences and silt sampling downstream of the occurrences suggested that these were not viable exploration targets (Schulze, 2007).

The Nutz showing investigated in 2008 proved to be an extremely gossanous occurrence with visible pyrite and minor chalcopyrite mineralization. 2006 silt sampling identified the showing as having coincident but not economic Ni, Cu, Co and Cr values (see FieldMappingReport20080727 in Appendix F). 2008 rock sampling of this showing did return one sample with 0.3% Cu. The Gruber showing investigated in 2008 identified in the field to be an outcropping quartz vein did not display any significant visible mineralization. It is extremely unlikely that either showing hosts significant economic mineralization.

Reconnaissance mapping in 2008 confirmed areas identified by the 2007 YGS mapping that may affect the interpretation of the VTEM survey results. There is a major ESE-WNW strike slip fault that occurs at the contact between the Station Creek and Hasen Creek Formations in the west of the property (see Israel *et al*, 2007a). Carbonaceous shales were also identified near this contact zone to the west of Beaver Creek on the extreme west of the property. A regional scale fault, possibly strike-slip, has also been interpreted between the Station Creek formation and Nikolai Group volcanics on Chair Mountain. This could be the projected extension of a fault that continues along the contacts of the WRIC in Block B. These major structural features will have to be taken into consideration when interpreting the results of the VTEM survey.

9. Recommendations

Interpretation of the VTEM survey results is critical in developing a better understanding of the property. The VTEM data together with the entire geochemical and geological database should be reviewed ahead of any further exploration activities on the property. The VTEM data should also undergo Conductivity Depth Imaging (CDI) interpretation under the direction of Scott Hogg and Associates, of Toronto, Ontario. Following this ground truthing the 2008 VTEM survey data over Block A would be a priority. Further detailed mapping and interpretation with possible follow up of the geochemical results is also recommended.

10. References and Selected Bibliography:

- Antoniuk, T., 1968. Discovery Mines Limited. Micro Nickel Project. White River Area - Whitehorse Mining District, Y.T. Report on the 1968 program of Surface and underground diamond drilling. Report R-11664 in Falconbridge Exploration File System
- Cathro, R.J., 1987. Report on 1987 Exploration CanAlask Joint Venture. Performed for Rockridge Mining Corporation and Kluane Joint Venture. Report R-11675 in Falconbridge Exploration File System
- Carne, R.C. 1994. Report on 1994 Diamond Drilling on the CanAlask Property, Assessment Rep 093256, Expatriate Resources Ltd. and Cachet Enterprises Corp.
- Carne, R.C. 1996. Report on 1995 Diamond Drilling on the CanAlask Property, Assessment Rep 093448, Expatriate Resources Ltd. and Cachet Enterprises Corp.
- Carne, R.C. 1997. Report on 1997 Diamond Drilling on the CanAlask Property, Assessment Report 093698, Expatriate Resources.
- Carne, R.C. 1999. Assessment Report describing Geological, Geochemical and Prospecting Surveys in the Miles Ridge Area, CanAlask Property., Assessment Report 093957, Expatriate Resources.
- Carne, R.C., 2003. Metallogeny of the Kluane Ranges, Southwest Yukon Territory, Prepared by: Archer, Cathro & Associates (1981) Limited for: YUKON REGIONAL MINERAL DEVELOPMENT PROGRAM (<http://www.geology.gov.yk.ca>)
- Greene, A.R., Scoates, J.S., Weis, D. and Israel, S., 2005. Flood basalts of the Wrangellia Terrane, southwest Yukon: Implications for the formation of oceanic plateaus, continental crust and Ni-Cu-PGE mineralization. *In: Yukon Exploration and Geology 2004*, D.S. Emond, L.L. Lewis and G.D. Bradshaw (eds.), Yukon Geological Survey, p. 109-120.
- Israel, S., and Van Zeyl, D.P., 2005. Preliminary geology of the Quill Creek map area, southwest Yukon parts of NTS 115G/5, 6 and 12. *In: Yukon Exploration and Geology 2004*, D.S. Emond, L.L. Lewis and G.D. Bradshaw (eds.), Yukon Geological Survey, p. 129-146.
- Israel, S., Tizzard, A. and Major, J., 2006. Bedrock geology of the Duke River area, parts of NT S 115G/2, 3, 4, 6 and 7, southwestern Yukon. *Yukon Exploration and Geology 2005*, D.S. Emond, G.D. Bradshaw, L.L. Lewis and L.H. Weston (eds.), Yukon Geological Survey, p. 139-154.
- Israel, S., and Cobbett, R., 2006. Update on bedrock mapping in the Kluane Ranges, southwest Yukon (Poster). Yukon Geological Survey. Yukon Ministry of Energy, Mines and Resources.
- Israel, S., Cobbett, R. and Fozard, C., 2007a. Bedrock geology of the Miles Ridge area, Yukon (parts of NTS 115F/15, 16 and 115K/1, 2)(1:50 000 scale). Yukon Geological Survey, Open File 2007-7.
- Israel, S., Cobbett, R. and Fozard, C., 2007b. Bedrock geology of the Koidern River area, Yukon (parts of NTS 115F/9, 15, 16 and 115G/12)(1:50 000 scale). Yukon Geological Survey, Open File 2007-8.
- Israel, S. and Cobbett, R., 2008. Kluane Ranges bedrock geology, White River area (Parts of NTS 115F/9, 15 and 16; 115G/12 and 115K/1, 2). *In: Yukon Exploration and Geology 2007*, D.S. Emond, L.R. Blackburn, R.P. Hill and L.H. Weston (eds.), Yukon Geological Survey, p. 16.
- Hulbert, L.J. 1995. 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, Open File 3057, p 180.
- Hulbert, L.J. and Stone, W., 2006. Eastern Wrangellia – A New Ni-Cu-PGE Metallogenic Terrane in North America. AESC2006, Melbourne, Australia.
- Lahusen, L., 2002. Summary Report, 2002 Diamond Drill Program CanAlask-Onion Ni-Cu-PGE Property. Assessment Report 094421, Uravan Minerals Inc.
- McCutcheon, I. 2008, Assessment Report Summarizing the Geological, Geochemical and Geophysical Surveys on the White River Nickel-PGE Project, White River Resources Inc.

- Pattison, J. 2005. Notes to Accompany MapInfo Compilation of the CanAlask area, Yukon Territory, Internal report for Falconbridge Ltd p 10
- Schulze, C., 2007. Assessment Report. NI 43-101 Compliant Report on the 2006 Exploration Program on the White River Nickel Project Xstrata plc (Falconbridge Ltd). Internal Xstrata plc (Falconbridge Ltd) report. p. 70
- Schulze, C., 2008. NI 43-101 Report on the 2007 Geological, Geochemical and Geophysical Surveys on the White River Nickel-PGE Project. p 90
- Yukon Minfile, 2005: Yukon Geological Survey, Yukon Ministry of Energy, Mines and Resources.

Appendix A

Author's statement of Qualifications

I, Ian McCutcheon, hereby certify that:

- 1) I am an employee of the Umbono Group of Companies working under the Management Agreement between Umbono, White River Resources Inc and African Minerals Ltd
- 2) I graduated with a Bachelor of Science Honours Degree in geology from the University of the Witwatersrand, Johannesburg, South Africa in 2002.
- 3) I am a member in good standing of the Geological Society of South Africa and registered with the South African Council for Natural Scientific Professions (SACNASP) Pri. Sci. Nat. reg no. 400182/08
- 4) I have worked as a geologist in Southern Africa for a total of 5 years since my graduation from the University of the Witwatersrand.
- 5) I am responsible for preparation of all sections of the assessment report entitled "Assessment report Summarizing the Geological, Geochemical and Geophysical Surveys on the White River Nickel-PGE Project 'Block A' ". I was active on-site during the entire length of the program of roughly 56 days from June 16 to August 11, 2008.

Dated this 26th Day of March, 2009

Ian McCutcheon
White River Resources Inc.
8 King Street East
Suite 400
Toronto
Ontario
M5C 1B5
Tel: +1 416 534 3911
Fax: +1 416 531 4715
imccutcheon@umbono.co.za

Appendix B

The following personnel were involved with the White River project:

White River Resources:

- Ian McCutcheon, Project Geologist
- Dylan Morgan, Project Manager
- Richard Montjoie, Assistant Geologist
- Chris Solic, Assistant Geologist
- Paul Nex, Senior Consulting Geologist
- Christopher Doley, Field Geology Assistant
- Sam Usherti, Field Geology Assistant
- Louis Ranigler, Field Assistant

The VTEM survey was managed by by Geotech Ltd

Helicopter services for the VTEM survey were provided by Great Slave Helicopters

Helicopter services for the geological and geochemical sampling were provided by Trans North Helicopters

Camp Build and Cooks were ably supplied and provided by Aurora Geoservices

Expediting was provided by Small's Expediting

The camp was kindly and ably hosted by Amanda Harris and Bob Beattie at the White River RV Park

I, Dylan Morgan, on behalf of White River Resource

of Suite 436, 108 Elliott Street, Whitehorse, YT, Y1A 6C4

Phone (867) 445-7401 (email: dmorgan@umbono.com)

make oath and say that:

Office Date Stamp

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
2. I have done, or caused to be done, work, on the following mineral claim(s): (Here list claims on which work was actually done by number and name)

Please refer to the attached schedule

situated at near Mile 1202, Alaska Highway, Yukon Claim sheet No. 115K02

in the Whitehorse Mining District, to the value of at least 244,773.86 dollars,

since the 1st day of May 2008

to represent the following mineral claims under the authority of Grouping Certificate No. _____
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

Please refer to the attached schedule

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 56).

Prospecting, mapping, taking and analysing of geochemical samples, miscellaneous research, and time spent assessing the same.

Work began on or about June 1, 2008, with some preparatory work prior to that date; work included in this report continued up to

September 31, 2008. A detailed statement of expenditures is included with this application, and a detailed technical report will follow.

Sworn before me at Whitehorse this 12th day of October 2008

Notary Public

Owner or Authorized Agent

Access to Information and Protection of Privacy Act

The personal information requested on this form is collected under the authority of and used for the purpose of administering the *Quartz Mining Act*. Questions about the collection and use of this information can be directed to the Mining Records Office, Mineral Resources, Department of Energy, Mines and Resources, Yukon Government, Box 2703, Whitehorse, Yukon Territory, Y1A 2C6 (867) 667-3190

YQ(5049Q) #2 04/2005

Clear Form

Print Form

Calculation of assessment work for Canalask Project (White River Resources), Yukon

GrantNumber	ClaimName	ClaimNbr	Claim Owner	Block	Assessment work TOTAL	Years Renewed	2008 exploration VTEM	Field Work Existing Claims	Field Work New Claims	Drilling - holes drilled	Drilling - holes planned	Camp	Unattributable
YC40380	ANT	1	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40381	ANT	2	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40382	ANT	3	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40383	ANT	4	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40384	ANT	5	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40385	ANT	6	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40386	ANT	7	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40387	ANT	8	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40388	ANT	9	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40389	ANT	10	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40390	ANT	11	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40391	ANT	12	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40392	ANT	13	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40393	ANT	14	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40394	ANT	15	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40395	ANT	16	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40396	ANT	17	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40397	ANT	18	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40398	ANT	19	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40399	ANT	20	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40400	ANT	21	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40401	ANT	22	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40402	ANT	23	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40403	ANT	24	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40404	ANT	25	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40405	ANT	26	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40406	ANT	27	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40407	ANT	28	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40408	ANT	29	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40409	ANT	30	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40410	ANT	31	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40411	ANT	32	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40412	ANT	33	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40413	ANT	34	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40414	ANT	35	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40415	ANT	36	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40416	ANT	37	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40417	ANT	38	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40418	ANT	39	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40419	ANT	40	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40420	ANT	41	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40421	ANT	42	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40422	ANT	43	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40423	ANT	44	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40424	ANT	45	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40425	ANT	46	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40426	ANT	47	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40427	ANT	48	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40428	ANT	49	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40429	ANT	50	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40430	ANT	51	White River Resources Inc. - 100%	A	352.756	1	250.54	-	-	-	-	102.21	-
YC40431	ANT	52	White River Resources Inc. - 100%	A	352.756	1	250.54	-	-	-	-	102.21	-
YC40432	ANT	53	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40433	ANT	54	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40434	ANT	55	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40435	ANT	56	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40436	ANT	57	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40437	ANT	58	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40438	ANT	59	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40439	ANT	60	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40440	ANT	61	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40441	ANT	62	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40442	ANT	63	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40443	ANT	64	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40444	ANT	65	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40445	ANT	66	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40446	ANT	67	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40447	ANT	68	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40448	ANT	69	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40449	ANT	70	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40450	ANT	71	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40451	ANT	72	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-

GrantNumber	ClaimName	ClaimNbr	Claim Owner	Block	Assessment work	Years Renewed	2008 exploration VTEM	Field Work Existing Claims	Field Work New Claims	Drilling - holes drilled	Drilling - holes planned	Camp	Unattributable
YC40452	ANT	73	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40453	ANT	74	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40454	ANT	75	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40455	ANT	76	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40456	ANT	77	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40457	ANT	78	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40458	ANT	79	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40459	ANT	80	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40460	ANT	81	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40461	ANT	82	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40462	ANT	83	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40463	ANT	84	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40464	ANT	85	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40465	ANT	86	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40466	ANT	87	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40467	ANT	88	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40468	ANT	89	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40469	ANT	90	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40470	ANT	91	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40471	ANT	92	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40472	ANT	93	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40473	ANT	94	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40474	ANT	95	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-
YC40475	ANT	96	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-
YC40476	ANT	97	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-
YC40477	ANT	98	White River Resources Inc. - 100%. A		983.980	1	-	801.55	-	-	-	182.43	-
YC40478	ANT	99	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-
YC40479	ANT	100	White River Resources Inc. - 100%. A		983.980	1	-	801.55	-	-	-	182.43	-
YC40480	ANT	101	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-
YC40481	ANT	102	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-
YC40482	ANT	103	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-
YC40483	ANT	104	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-
YC40484	ANT	105	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-
YC40485	ANT	106	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-
YC40486	ANT	107	White River Resources Inc. - 100%. A		352.756	1	250.54	-	-	-	-	102.21	-
YC40487	ANT	108	White River Resources Inc. - 100%. A		1,336.736	1	250.54	801.55	-	-	-	284.65	-
YC40488	ANT	109	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40489	ANT	110	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40490	ANT	111	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40491	ANT	112	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40492	ANT	113	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40493	ANT	114	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40494	ANT	115	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40495	ANT	116	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40496	ANT	117	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40497	ANT	118	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40498	ANT	119	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40499	ANT	120	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40500	ANT	121	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40501	ANT	122	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40502	ANT	123	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40503	ANT	124	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40504	ANT	125	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40505	ANT	126	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40506	ANT	127	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40507	ANT	128	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40508	ANT	129	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40509	ANT	130	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40510	ANT	131	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40511	ANT	132	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40512	ANT	133	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40513	ANT	134	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40514	ANT	135	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40515	ANT	136	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40516	ANT	137	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40517	ANT	138	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40518	ANT	139	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40519	ANT	140	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40520	ANT	141	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40521	ANT	142	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40522	ANT	143	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40523	ANT	144	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-
YC40524	ANT	145	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40525	ANT	146	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-

GrantNumber	ClaimName	ClaimNbr	Claim Owner	Block	Assessment work	Years Renewed	2008 exploration							Unattributable
							VTEM	Field Work Existing Claims	Field Work New Claims	Drilling - holes drilled	Drilling - holes planned	Camp		
YC40526	ANT	147	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-	
YC40527	ANT	148	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40528	ANT	149	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40529	ANT	150	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40530	ANT	151	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40531	ANT	152	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40532	ANT	153	White River Resources Inc. - 100%. A		983.980	1	-	801.55	-	-	-	182.43	-	
YC40533	ANT	154	White River Resources Inc. - 100%. A		983.980	1	-	801.55	-	-	-	182.43	-	
YC40534	ANT	155	White River Resources Inc. - 100%. A		983.980	1	-	801.55	-	-	-	182.43	-	
YC40535	ANT	156	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40536	ANT	157	White River Resources Inc. - 100%. A		983.980	1	-	801.55	-	-	-	182.43	-	
YC40537	ANT	158	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40538	ANT	159	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40539	ANT	160	White River Resources Inc. - 100%. A		983.980	1	-	801.55	-	-	-	182.43	-	
YC40540	ANT	161	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40541	ANT	162	White River Resources Inc. - 100%. A		352.756	1	250.54	-	-	-	-	102.21	-	
YC40542	ANT	163	White River Resources Inc. - 100%. A		352.756	1	250.54	-	-	-	-	102.21	-	
YC40543	ANT	164	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-	
YC40544	ANT	165	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40545	ANT	166	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40546	ANT	167	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-	
YC40547	ANT	168	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40548	ANT	169	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40549	ANT	170	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-	
YC40550	ANT	171	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40551	ANT	172	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40552	ANT	173	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40553	ANT	174	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40554	ANT	175	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40555	ANT	176	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40556	ANT	177	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40557	ANT	178	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-	
YC40558	ANT	179	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40559	ANT	180	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-	
YC40560	ANT	181	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40561	ANT	182	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40562	ANT	183	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40563	ANT	184	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40564	ANT	185	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40565	ANT	186	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40566	ANT	187	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40567	ANT	188	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40568	ANT	189	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40569	ANT	190	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40570	ANT	191	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40571	ANT	192	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40572	ANT	193	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40573	ANT	194	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40574	ANT	195	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40575	ANT	196	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40576	ANT	197	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40577	ANT	198	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40578	ANT	199	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40579	ANT	200	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40580	ANT	201	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40581	ANT	202	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40582	ANT	203	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40583	ANT	204	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40584	ANT	205	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40585	ANT	206	White River Resources Inc. - 100%. A		983.980	1	-	801.55	-	-	-	182.43	-	
YC40586	ANT	207	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40587	ANT	208	White River Resources Inc. - 100%. A		983.980	1	-	801.55	-	-	-	182.43	-	
YC40588	ANT	209	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40589	ANT	210	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40590	ANT	211	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40591	ANT	212	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40592	ANT	213	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40593	ANT	214	White River Resources Inc. - 100%. A		352.756	1	250.54	-	-	-	-	102.21	-	
YC40594	ANT	215	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40595	ANT	216	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	
YC40596	ANT	217	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40598	ANT	219	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-	
YC40599	ANT	220	White River Resources Inc. - 100%. A		1,689.492	1	501.08	801.55	-	-	-	386.86	-	
YC40600	ANT	221	White River Resources Inc. - 100%. A		705.512	1	501.08	-	-	-	-	204.43	-	

GrantNumber	ClaimName	ClaimNbr	Claim Owner	Block	Assessment work	Years Renewed	2008 exploration							Unattributable
							VTEM	Field Work Existing Claims	Field Work New Claims	Drilling - holes drilled	Drilling - holes planned	Camp		
YC40601	ANT	222	White River Resources Inc. - 100%. A		1,689,492	1	501.08	801.55	-	-	-	386.86	-	
YC40602	ANT	223	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40603	ANT	224	White River Resources Inc. - 100%. A		1,689,492	1	501.08	801.55	-	-	-	386.86	-	
YC40604	ANT	225	White River Resources Inc. - 100%. A		1,689,492	1	501.08	801.55	-	-	-	386.86	-	
YC40605	ANT	226	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40606	ANT	227	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40607	ANT	228	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40608	ANT	229	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40609	ANT	230	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40610	ANT	231	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40611	ANT	232	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40612	ANT	233	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40613	ANT	234	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40614	ANT	235	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40615	ANT	236	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40616	ANT	237	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40617	ANT	238	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40618	ANT	239	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40619	ANT	240	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40620	ANT	241	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40621	ANT	242	White River Resources Inc. - 100%. A		1,689,492	1	501.08	801.55	-	-	-	386.86	-	
YC40622	ANT	243	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40623	ANT	244	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40624	ANT	245	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40625	ANT	246	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40626	ANT	247	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40627	ANT	248	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40628	ANT	249	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40629	ANT	250	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40630	ANT	251	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40631	ANT	252	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40632	ANT	253	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40633	ANT	254	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40634	ANT	255	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40635	ANT	256	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40636	ANT	257	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40637	ANT	258	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40638	ANT	259	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40639	ANT	260	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40640	ANT	261	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40641	ANT	262	White River Resources Inc. - 100%. A		983,980	1	-	801.55	-	-	-	182.43	-	
YC40642	ANT	263	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40643	ANT	264	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40644	ANT	265	White River Resources Inc. - 100%. A		983,980	1	-	801.55	-	-	-	182.43	-	
YC40645	ANT	266	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40646	ANT	267	White River Resources Inc. - 100%. A		983,980	1	-	801.55	-	-	-	182.43	-	
YC40647	ANT	268	White River Resources Inc. - 100%. A		-	0	-	-	-	-	-	-	-	
YC40648	ANT	269	White River Resources Inc. - 100%. A		352,756	1	250.54	-	-	-	-	102.21	-	
YC40649	ANT	270	White River Resources Inc. - 100%. A		1,336,736	1	250.54	801.55	-	-	-	284.65	-	
YC40650	ANT	271	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40651	ANT	272	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40652	ANT	273	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40653	ANT	274	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40654	ANT	275	White River Resources Inc. - 100%. A		1,689,492	1	501.08	801.55	-	-	-	386.86	-	
YC40655	ANT	276	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40656	ANT	277	White River Resources Inc. - 100%. A		1,689,492	1	501.08	801.55	-	-	-	386.86	-	
YC40657	ANT	278	White River Resources Inc. - 100%. A		1,689,492	1	501.08	801.55	-	-	-	386.86	-	
YC40658	ANT	279	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40659	ANT	280	White River Resources Inc. - 100%. A		1,689,492	1	501.08	801.55	-	-	-	386.86	-	
YC40660	ANT	281	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40661	ANT	282	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40662	ANT	283	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40663	ANT	284	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40664	ANT	285	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40665	ANT	286	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40666	ANT	287	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40667	ANT	288	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40668	ANT	289	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40669	ANT	290	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40670	ANT	291	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40671	ANT	292	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40672	ANT	293	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40673	ANT	294	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	
YC40674	ANT	295	White River Resources Inc. - 100%. A		705,512	1	501.08	-	-	-	-	204.43	-	

GrantNumber	ClaimName	ClaimNbr	Claim Owner	Block	Assessment work	Years Renewed	2008 exploration VTEM	Field Work Existing Claims	Field Work New Claims	Drilling - holes drilled	Drilling - holes planned	Camp	Unattributable
YC40675	ANT	296	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40676	ANT	297	White River Resources Inc. - 100%	A	1,689.492	1	501.08	801.55	-	-	-	386.86	-
YC40677	ANT	298	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40678	ANT	299	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40679	ANT	300	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40680	ANT	301	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40681	ANT	302	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40682	ANT	303	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40683	ANT	304	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40684	ANT	305	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40685	ANT	306	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40686	ANT	307	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40687	ANT	308	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40688	ANT	309	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40689	ANT	310	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40690	ANT	311	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40691	ANT	312	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40692	ANT	313	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40693	ANT	314	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40694	ANT	315	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40695	ANT	316	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40696	ANT	317	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40697	ANT	318	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40698	ANT	319	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40699	ANT	320	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40700	ANT	321	White River Resources Inc. - 100%	A	983.980	1	-	801.55	-	-	-	182.43	-
YC40701	ANT	322	White River Resources Inc. - 100%	A	983.980	1	-	801.55	-	-	-	182.43	-
YC40702	ANT	323	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40703	ANT	324	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40704	ANT	325	White River Resources Inc. - 100%	A	352.756	1	250.54	-	-	-	-	102.21	-
YC40705	ANT	326	White River Resources Inc. - 100%	A	-	0	-	-	-	-	-	-	-
YC40706	ANT	327	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40707	ANT	328	White River Resources Inc. - 100%	A	352.756	1	250.54	-	-	-	-	102.21	-
YC40708	ANT	329	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40709	ANT	330	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40711	ANT	332	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40713	ANT	334	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-
YC40714	ANT	336	White River Resources Inc. - 100%	A	705.512	1	501.08	-	-	-	-	204.43	-

**REPORT ON A HELICOPTER-BORNE
VERSATILE TIME DOMAIN ELECTROMAGNETIC (VTEM)
GEOPHYSICAL SURVEY**

**White River Project – Block A
Yukon, Canada**

**For:
WHITE RIVER RESOURCES**

By

Geotech Ltd.

**245 Industrial Parkway North
Aurora, Ont., CANADA, L4G 4C4**

Tel: 1.905.841.5004

Fax: 1.905.841.0611

www.geotech.ca

Email: info@geotech.ca

Survey flown during August, 2008

Project 8096B

February 2009

TABLE OF CONTENTS

Executive Summary	3
1. INTRODUCTION.....	4
1.1 General Considerations.....	4
1.2 Survey Location and Specifications.....	5
1.3 Topographic Relief and Cultural Features	5
2. DATA ACQUISITION.....	7
2.1 Survey Area	7
2.2 Survey Operations	7
2.3 Flight Specifications.....	8
2.4 Aircraft and Equipment.....	8
2.4.1 Survey Aircraft	8
2.4.2 Electromagnetic System.....	8
2.4.3 Airborne magnetometer.....	12
2.4.4 Radar Altimeter.....	12
2.4.5 GPS Navigation System.....	12
2.4.6 Digital Acquisition System.....	12
2.4.7 Base Station.....	13
3. PERSONNEL.....	14
4. DATA PROCESSING AND PRESENTATION	15
4.1 Flight Path	15
4.2 Electromagnetic Data	15
4.3 Magnetic Data.....	16
5. DELIVERABLES	17
5.1 Survey Report.....	17
5.2 Maps	17
5.3 Digital Data.....	17
6. CONCLUSIONS AND RECOMMENDATIONS	21
6.1 Conclusions.....	21
6.2 Recommendations	21

LIST OF FIGURES

Figure 1 - Property Location.....	4
Figure 2 - Google Earth Image with Flight Paths	6
Figure 3 - VTEM Configuration.....	9
Figure 4 - VTEM Waveform & Sample Times	9
Figure 5 - VTEM system configuration	11

LIST OF TABLES

Table 1 - Survey blocks.....	7
Table 2 - Survey schedule.....	7
Table 3 – Decay Sampling Scheme	10
Table 4 – Acquisition Sampling Rates.....	12
Table 5 – Geosoft GDB Data Format	18

APPENDICES

A. Survey location maps.....	22
B. Survey Block Coordinates.....	26
C. VTEM Waveform	27
D. Geophysical Maps	28
E. Modelling VTEM Data	33

REPORT ON A HELICOPTER-BORNE VERSATILE TIME DOMAIN ELECTROMAGNETIC SURVEY

White River Project – Block A
Yukon, Canada

Executive Summary

During August 2nd to August 19th, 2008 Geotech Ltd. carried out a helicopter-borne geophysical survey for White River Resources over one (1) block of the White River Project situated near Koidern, Yukon, Canada.

Principal geophysical sensors included a versatile time domain electromagnetic (VTEM) system, and a caesium magnetometer. Ancillary equipment included a GPS navigation system and a radar altimeter. A total of 1306 line-kilometres were flown.

The survey operations were based out of the White River Camp, Yukon. In-field data quality assurance and preliminary processing were carried out on a daily basis during the acquisition phase. Preliminary and final data processing, including generation of final digital data and map products were undertaken from the office of Geotech Ltd. in Aurora, Ontario.

The processed survey results are presented as electromagnetic stacked profiles, and as a colour grid of the B-field EM late time channel and total magnetic intensity.

Digital data includes all electromagnetic and magnetic products, plus ancillary data including the waveform.

The survey report describes the procedures for data acquisition, processing, final image presentation and the specifications for the digital data set. No formal interpretation is included.

1. INTRODUCTION

1.1 General Considerations

These services are the result of the Agreement made between Geotech Ltd. and White River Resources to perform a helicopter-borne geophysical survey one (1) block (Block A) on the White River Project property located near Koidern, Yukon, Canada (Figure 1).

Dylan Morgan, Vice President, and Ian McCutcheon acted on behalf of White River Resources during the data acquisition and data processing phases of this project.

The geophysical surveys consisted of helicopter borne EM using the versatile time-domain electromagnetic (VTEM) system and aeromagnetics using a caesium magnetometer. A total of 1306 line-km of geophysical data were acquired during the survey. The survey area is shown in Figure 2.

The crew was based out of the White River Camp, Yukon for the acquisition phases of the survey. Survey flying started on August 2nd and was completed on August 19th, 2008.

Data quality control and quality assurance, and preliminary data processing were carried out on a daily basis during the acquisition phase of the project. Final data processing followed immediately after the end of the survey. Final reporting, data presentation and archiving were completed from the Aurora office of Geotech Ltd. in February, 2009.

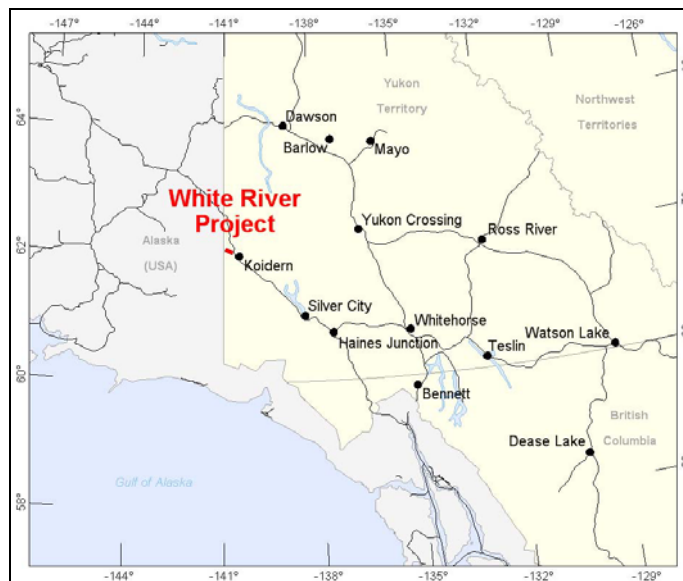


Figure 1 - Property Location

1.2 Survey Location and Specifications

Block A (62° 2'36.58"N, 140°49'35.38"W) is located approximately 15 kilometres west of the White River Camp, Yukon, the base of operations for the survey.

The survey block was flown in a N 28° E direction with a traverse line spacing of 50 metres, as depicted in Figure 2. Tie lines were flown perpendicular to the traverse lines at a spacing of 485 metres in the direction of N 118° E. For more detailed information on the flight spacing and direction see Table 1.

1.3 Topographic Relief and Cultural Features

Topographically, the property exhibits high relief, with elevations ranging from 840 to 1886 metres above sea level (see Figure 2). There are a number of small rivers and streams located throughout the block as well as a small area of wetland. The survey block is accessible via the Alaska Highway, running north-west from Whitehorse, Yukon. The survey block is covered by NTS (National Topographic Survey) of Canada sheet 115K02.

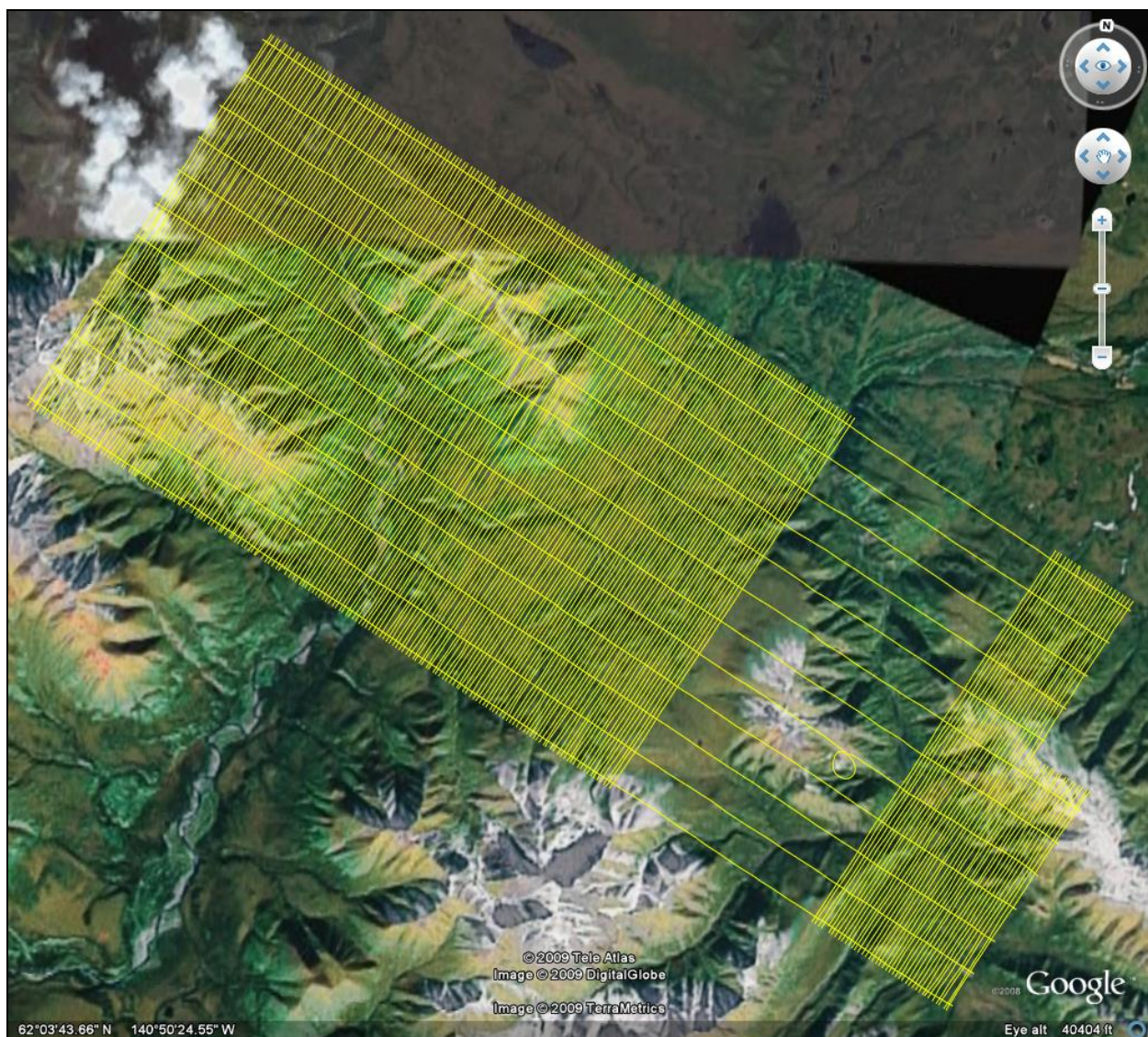


Figure 2 - Google Earth Image with Flight Paths

2. DATA ACQUISITION

2.1 Survey Area

The survey block (see Location map, Figure 2) and general flight specifications are as follows:

Table 1 - Survey blocks

Survey block	Line spacing (m)	Area (km ²)	Planned Line-km	Actual Line-km ¹	Flight direction	Line number
Block A	Traverse: 50	57.7	1146	1155	N 28 °E	L1000 – L3740
	Tie: 485		160	161	N 118 °E	T4000 – T4110
TOTAL		57.7	1306	1316		

Survey block boundaries co-ordinates are provided in Appendix B.

2.2 Survey Operations

Survey operations were based out of the White River Camp, Yukon from August 2nd to August 19th, 2008. The following table shows the timing of the flying.

Table 2 - Survey schedule

Date	Flight #	Flown km	Block	Crew location	Comments
02-Aug-08				White River Camp	Crew and equipment arrive at camp.
03-Aug-08	1 - 5	234	BLKA	White River Camp	Production
04-Aug-08	6 - 10	309	BLKA	White River Camp	Production
05-Aug-08	11 - 13	123	BLKA	White River Camp	Production
06-Aug-08				White River Camp	No production – low ceiling and rain
07-Aug-08				White River Camp	No production – low ceiling
08-Aug-08				White River Camp	No production – low ceiling
09-Aug-08	14 - 15	121	BLKA	White River Camp	Production aborted – low ceiling and rain
10-Aug-08	16 - 20	326	BLKA	White River Camp	Production
11-Aug-08	21 - 23	192	BLKA	White River Camp	Production
12-Aug-08				White River Camp	Production aborted – damaged bird, ordered spare
13-Aug-08				White River Camp	Maintenance to bird
18-Aug-08				White River Camp	Spare arrives and

¹Note: Actual line-km represents the total line-km contained in the final databases. These line-km normally exceed the Planned line-km, as outlined in the contract-proposal and defined in the survey NAV files.

Date	Flight #	Flown km	Block	Crew location	Comments
					maintenance is complete to the bird
19-Aug-08				White River Camp	Survey postponed due to clients request.

2.3 Flight Specifications

The helicopter was maintained at a mean height of 75 metres above the ground where possible (due to rugged terrain) with a nominal survey speed of 80 km/hour. This allowed for a nominal EM sensor terrain clearance of 40 metres and a magnetic sensor clearance of 62 metres. The data recording rates of the data acquisition was 0.1 second for electromagnetics, magnetometer and 0.2 second for altimeter and GPS. This translates to a geophysical reading about every 2 metres along flight track. Navigation was assisted by a CDGPS receiver and data acquisition system, which reports GPS co-ordinates as latitude/longitude and directs the pilot over a pre-programmed survey grid.

The operator was responsible for monitoring of the system integrity. He also maintained a detailed flight log during the survey, tracking the times of the flight as well as any unusual geophysical or topographic feature.

On return of the aircrew to the base camp the survey data was transferred from a compact flash card (PCMCIA) to the data processing computer. The data were then uploaded via ftp to the Geotech office in Aurora for daily quality assurance and quality control by qualified personnel, operating remotely.

2.4 Aircraft and Equipment

2.4.1 Survey Aircraft

The survey was flown using a Eurocopter Aerospatiale (Astar) 350 B3 helicopter. The helicopter was operated by Great Slave Helicopters, registration C-FYDA. Installation of the geophysical and ancillary equipment was carried out by Geotech Ltd.

2.4.2 Electromagnetic System

The electromagnetic system was a Geotech Time Domain EM (VTEM) system. The configuration is as indicated in Figure 3 below.

Receiver and transmitter coils are concentric and Z-direction oriented. The coils were towed at a mean distance of 35 metres below the aircraft as shown in Figures 3 and 5. The receiver decay recording scheme is shown diagrammatically in Figure 4.

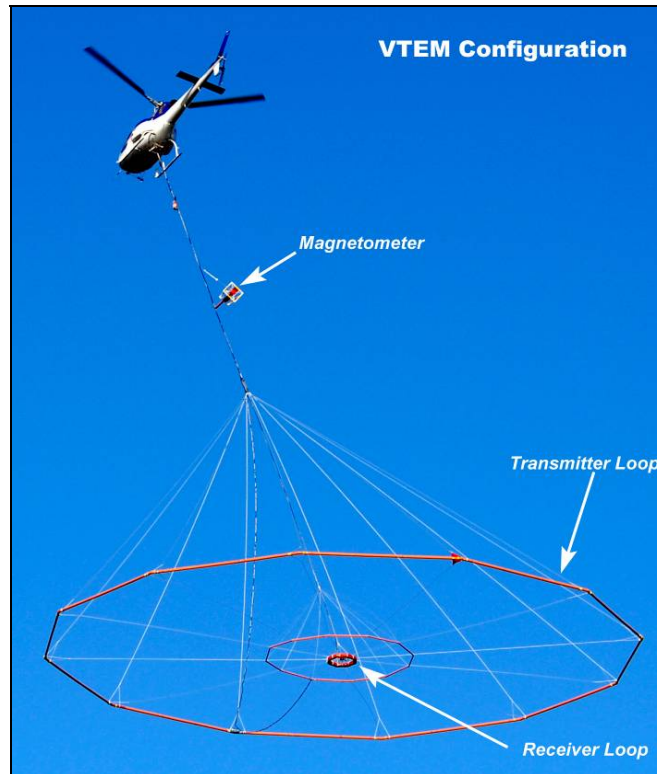


Figure 3 - VTEM Configuration

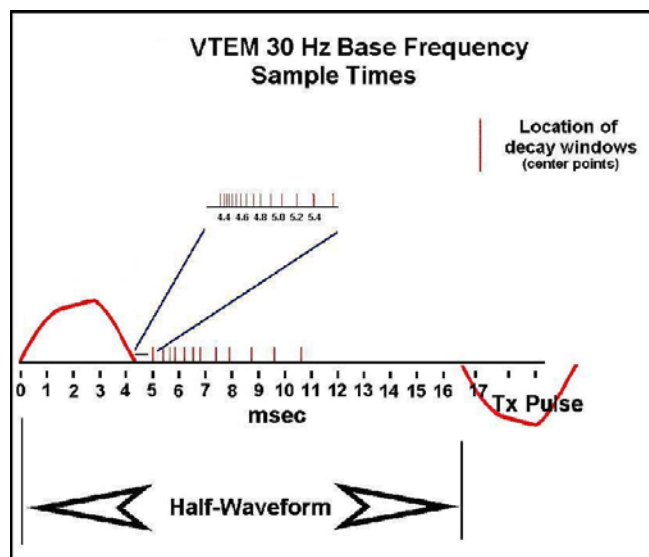


Figure 4 – VTEM Short Pulse Waveform & Sample Times

The VTEM decay sampling scheme is shown in Table 3 below. Twenty six measurement gates (ch 10-35) were used for the final data processing in the range from 120 to 9245 μ sec, as shown in Table 5.

Table 3 – Decay Sampling Scheme

VTEM Decay Sampling scheme²				
Array Index	(Microseconds)			
	Time Gate	Start	End	Width
0	0			
1	10	10	21	11
2	21	16	26	11
3	31	26	37	11
4	42	37	47	11
5	52	47	57	10
6	62	57	68	11
7	73	68	78	11
8	83	78	91	13
9	99	91	110	19
10	120	110	131	21
11	141	131	154	24
12	167	154	183	29
13	198	183	216	34
14	234	216	258	42
15	281	258	310	53
16	339	310	373	63
17	406	373	445	73
18	484	445	529	84
19	573	529	628	99
20	682	628	750	123
21	818	750	896	146
22	974	896	1063	167
23	1151	1063	1261	198
24	1370	1261	1506	245
25	1641	1506	1797	292
26	1953	1797	2130	333
27	2307	2130	2526	396
28	2745	2526	3016	490
29	3286	3016	3599	583
30	3911	3599	4266	667
31	4620	4266	5058	792
32	5495	5058	6037	979
33	6578	6037	7203	1167
34	7828	7203	8537	1334
35	9245	8537	10120	1584

² Note: Measurement time-delays are referenced to time-zero marking the end of the transmitter current turn-off, as illustrated in Figure 6 and Appendix C.

VTEM system parameters:

Transmitter Section

- Transmitter coil diameter: 26 m
- Number of turns: 4
- Transmitter base frequency: 30 Hz
- Peak current: 256 A
- Pulse width: 4.5 ms
- Pulse width: Duty cycle: 27%
- Peak dipole moment: 543,396 nIA
- Nominal terrain clearance: 40 m

Receiver Section

- Receiver coil diameter: 1.2 m
- Number of turns: 100.
- Effective coil area: 113.04 m²
- Wave form shape: trapezoid
- Power Line Monitor: 60 Hz

Magnetometer

- Nominal terrain clearance: 62 m

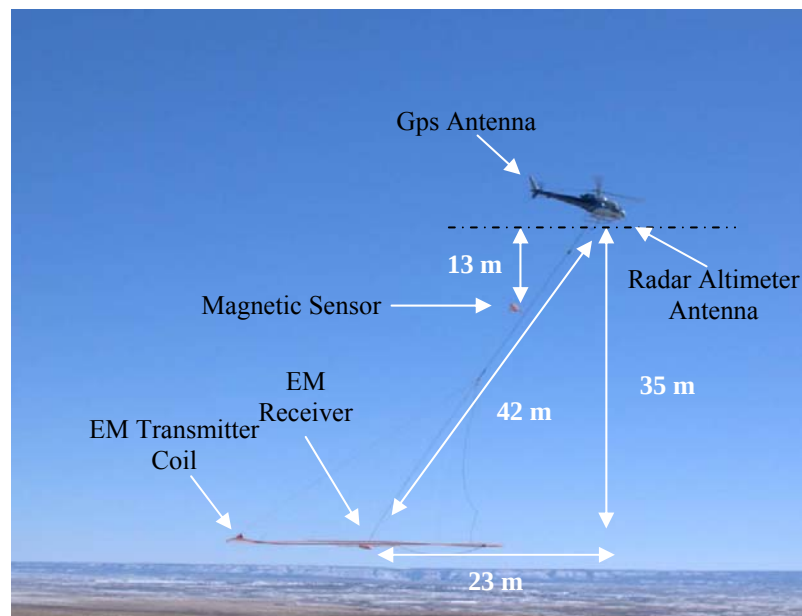


Figure 5 - VTEM system configuration

2.4.3 Airborne magnetometer

The magnetic sensor utilized for the survey was a Geometrics optically pumped caesium vapour magnetic field sensor, mounted in a separate bird, 13 metres below the helicopter, as shown in Figure 5. The sensitivity of the magnetic sensor is 0.02 nanoTesla (nT) at a sampling interval of 0.1 seconds. The magnetometer sends the measured magnetic field strength as nanoTesla to the data acquisition system via the RS-232 port.

2.4.4 Radar Altimeter

A Terra TRA 3000/TRI 40 radar altimeter was used to record terrain clearance. The antenna was mounted beneath the bubble of the helicopter cockpit (Figure 5).

2.4.5 GPS Navigation System

The navigation system used was a Geotech PC104 based navigation system utilizing a NovAtel's CDGPS (Canada-Wide Differential Global Positioning System Correction Service) enable PROPAK-V3-RT20 GPS receiver, Geotech navigate software, a full screen display with controls in front of the pilot to direct the flight and a NovAtel GPS antenna mounted on the helicopter tail (Figure 5). As many as 14 GPS and two CDGPS satellites may be monitored at any one time. The horizontal positional accuracy (RMS) is 1.8 metres; with CDGPS active, it is 0.6 metres. The co-ordinates of the block were set-up prior to the survey and the information was fed into the airborne navigation system.

2.4.6 Digital Acquisition System

A Geotech data acquisition system recorded the digital survey data on an internal compact flash card. Data is displayed on an LCD screen as traces to allow the operator to monitor the integrity of the system. The data type and sampling interval as provided in Table 4.

Table 4 – Acquisition Sampling Rates

DATA TYPE	SAMPLING
TDEM	0.1 sec
Magnetometer	0.1 sec
GPS Position	0.2 sec
Radar Altimeter	0.2 sec

2.4.7 Base Station

A combined magnetometer/GPS base station was utilized on this project. A Geometrics Caesium vapour magnetometer was used as a magnetic sensor with a sensitivity of 0.001 nT. The base station was recording the magnetic field together with the GPS time at 1 Hz on a base station computer.

The base station magnetometer sensor was installed approximately 500 metres from the White River Camp, along an abandoned airplane landing strip ($61^{\circ} 59'1.38''\text{N}$, $140^{\circ} 32'15.18''\text{W}$), away from electric transmission lines and moving ferrous objects such as motor vehicles. The base station data were backed-up to the data processing computer at the end of each survey day.

3. PERSONNEL

The following Geotech Ltd. personnel were involved in the project.

Field:

Project Manager:	Les Moschuk (office)
Data QC/QA:	Neil Fiset (office)
Crew Chief:	Kevin Boyer
System Operator:	Eric MacNeill

The survey pilot and the mechanical engineer were employed directly by the helicopter operator – Great Slave Helicopters

Pilot:	Adam Kristenson
Mechanical Engineer :	Chris Williams

Office:

Preliminary Data Processing:	Neil Fiset Deepak Kumar
Final Data Processing:	George Lev
Final Data QC:	Neil Fiset
Mapping/Reporting:	Kyle Orlowski

Data acquisition phase was carried out under the supervision of Andrei Bagrianski, P. Geo, Surveys Manager. Processing phase was carried out under the supervision of Jean Legault, P. Geo, Manager of Processing and Interpretation. The overall contract management and customer relations were by Paolo Berardelli.

4. DATA PROCESSING AND PRESENTATION

Data compilation and processing were carried out by the application of Geosoft OASIS Montaj and programs proprietary to Geotech Ltd.

4.1 Flight Path

The flight path, recorded by the acquisition program as WGS 84 latitude/longitude, was converted into the NAD83 Datum, UTM Zone 7 North coordinate system in Oasis Montaj.

The flight path was drawn using linear interpolation between x, y positions from the navigation system. Positions are updated every second and expressed as UTM easting's (x) and UTM northing's (y).

4.2 Electromagnetic Data

A three stage digital filtering process was used to reject major spheric events and to reduce system noise. Local spheric activity can produce sharp, large amplitude events that cannot be removed by conventional filtering procedures. Smoothing or stacking will reduce their amplitude but leave a broader residual response that can be confused with geological phenomena. To avoid this possibility, a computer algorithm searches out and rejects the major spheric events. The filter used was a 16 point non-linear filter.

The signal to noise ratio was further improved by the application of a low pass linear digital filter. This filter has zero phase shift which prevents any lag or peak displacement from occurring, and it suppresses only variations with a wavelength less than about 1 second or 15 metres. This filter is a symmetrical 1 sec linear filter.

The results are presented as stacked profiles of EM voltages for the time gates, in linear - logarithmic scale for both B-field and dB/dt response. B-field time channel recorded at 0.818 milliseconds after the termination of the impulse is also presented as contour colour image. A de-corrugation and micro levelling was applied to the B-field 0.818 millisecond grid to reduce the effects, due to varying radar clearance resulting from roughed terrain.

Graphical representations of the VTEM transmitter current waveform output voltage of the receiver coil are shown in Appendix C.

Generalized modeling results of VTEM data, written by consultant Roger Barlow and

Nasreddine Bournas, P. Geo., are shown in Appendix E.

4.3 Magnetic Data

The processing of the magnetic data involved the correction for diurnal variations by using the digitally recorded ground base station magnetic values. The base station magnetometer data was edited and merged into the Geosoft GDB database on a daily basis. The aeromagnetic data was corrected for diurnal variations by subtracting the observed magnetic base station deviations.

Tie line levelling was carried out by adjusting intersection points along traverse lines. A micro-levelling procedure was applied to remove persistent low-amplitude components of flight-line noise remaining in the data.

The corrected magnetic data was interpolated between survey lines using a random point gridding method to yield x-y grid values for a standard grid cell size of approximately 0.2 cm at the mapping scale. The Minimum Curvature algorithm was used to interpolate values onto a rectangular regular spaced grid.

5. DELIVERABLES

5.1 Survey Report

The survey report describes the data acquisition, processing, and final presentation of the survey results.

The survey report is provided in two paper copies and digitally in PDF format.

5.2 Maps

Final maps were produced at scale of 1:10,000. The coordinate/projection system used was NAD 83, UTM Zone 7 North. All maps show the flight path trace and topographic data; latitude and longitude are also noted on maps.

The preliminary and final results of the survey are presented as EM profiles, a late-time gate gridded EM channel, and color magnetic TMI contour maps. The following maps are presented on paper;

- VTEM B-field profiles, Time Gates 0.234 – 9.245 ms in linear - logarithmic scale over total magnetic intensity colour grid and.
- VTEM dB/dt profiles, Time Gates 0.234 – 9.245 ms in linear – logarithmic scale.
- VTEM B-field late time, Time Gate 0.818 ms colour image.
- Total magnetic intensity (TMI) colour image and contours.

5.3 Digital Data

- Two copies of the data and maps on DVD were prepared to accompany the report. Each DVD contains a digital file of the line data in GDB Geosoft Montaj format as well as the maps in Geosoft Montaj Map and PDF format.
- DVD structure.

There are two (2) main directories;

Data	contains databases, grids and maps, as described below.
Report	contains a copy of the report and appendices in PDF format.

Databases in Geosoft GDB format, containing the channels listed in Table 5.

Table 5 – Geosoft GDB Data Format.

Channel Name	Description
X:	X positional data (metres – NAD83, UTM zone 7 north)
Y:	Y positional data (metres – NAD83, UTM zone 7 north)
Z:	GPS antenna elevation (metres - ASL)
Lon:	Longitude data (degree – NAD83)
Lat:	Latitude data (degree – NAD83)
Radar:	Helicopter terrain clearance from radar altimeter (metres - AGL)
RadarB:	EM Bird terrain clearance from radar altimeter (metres - AGL)
DEM:	Digital elevation model (metres)
Gtime:	GPS time (seconds of the day)
Mag1:	Raw Total Magnetic field data (nT)
Basemag:	Magnetic diurnal variation data (nT)
Mag2	Total Magnetic field diurnal variation corrected data (nT)
Mag3	Total Magnetic field final microlevelled data (nT)
SF[10]:	dB/dt 120 microsecond time channel pV/(A*m ⁴)
SF[11]:	dB/dt 141 microsecond time channel pV/(A*m ⁴)
SF[12]:	dB/dt 167 microsecond time channel pV/(A*m ⁴)
SF[13]:	dB/dt 198 microsecond time channel pV/(A*m ⁴)
SF[14]:	dB/dt 234 microsecond time channel pV/(A*m ⁴)
SF[15]:	dB/dt 281 microsecond time channel pV/(A*m ⁴)
SF[16]:	dB/dt 339 microsecond time channel pV/(A*m ⁴)
SF[17]:	dB/dt 406 microsecond time channel pV/(A*m ⁴)
SF[18]:	dB/dt 484 microsecond time channel pV/(A*m ⁴)
SF[19]:	dB/dt 573 microsecond time channel pV/(A*m ⁴)
SF[20]:	dB/dt 682 microsecond time channel pV/(A*m ⁴)
SF[21]:	dB/dt 818 microsecond time channel pV/(A*m ⁴)
SF[22]:	dB/dt 974 microsecond time channel pV/(A*m ⁴)
SF[23]:	dB/dt 1151 microsecond time channel pV/(A*m ⁴)
SF[24]:	dB/dt 1370 microsecond time channel pV/(A*m ⁴)
SF[25]:	dB/dt 1641 microsecond time channel pV/(A*m ⁴)
SF[26]:	dB/dt 1953 microsecond time channel pV/(A*m ⁴)
SF[27]:	dB/dt 2307 microsecond time channel pV/(A*m ⁴)
SF[28]:	dB/dt 2745 microsecond time channel pV/(A*m ⁴)
SF[29]:	dB/dt 3286 microsecond time channel pV/(A*m ⁴)
SF[30]:	dB/dt 3911 microsecond time channel pV/(A*m ⁴)
SF[31]:	dB/dt 4620 microsecond time channel pV/(A*m ⁴)
SF[32]:	dB/dt 5495 microsecond time channel pV/(A*m ⁴)
SF[33]:	dB/dt 6578 microsecond time channel pV/(A*m ⁴)

Channel Name	Description
SF[34]:	dB/dt 7828 microsecond time channel $pV/(A \cdot m^4)$
SF[35]:	dB/dt 9245 microsecond time channel $pV/(A \cdot m^4)$
BF[10]:	B-field 120 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[11]:	B-field 141 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[12]:	B-field 167 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[13]:	B-field 198 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[14]:	B-field 234 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[15]:	B-field 281 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[16]:	B-field 339 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[17]:	B-field 406 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[18]:	B-field 484 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[19]:	B-field 573 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[20]:	B-field 682 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[21]:	B-field 818 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[22]:	B-field 974 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[23]:	B-field 1151 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[24]:	B-field 1370 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[25]:	B-field 1641 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[26]:	B-field 1953 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[27]:	B-field 2307 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[28]:	B-field 2745 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[29]:	B-field 3286 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[30]:	B-field 3911 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[31]:	B-field 4620 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[32]:	B-field 5495 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[33]:	B-field 6578 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[34]:	B-field 7828 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
BF[35]:	B-field 9245 microsecond time channel $(pV \cdot ms)/(A \cdot m^4)$
PLM:	Power Line monitor (60Hz)

Electromagnetic B-field and dB/dt data is found in array channel format between indexes 10 – 35, as described above.

- Database of the VTEM Waveform “VTEM_waveform.gdb” in Geosoft GDB format, containing the following channels:

Time: Sampling rate interval, 10.416 microseconds
 Rx_Voltage: Output voltage of the receiver coil (Volt)
 Tx_Current: Output current of the transmitter (Amp)

- Grids in Geosoft GRD format, as follows:

BF21_BlockA: B-Field Channel 21 (Time Gate 0.818 ms)
 Mag3_BlockA: Total magnetic intensity (nT)

A Geosoft .GRD file has a .GI metadata file associated with it, containing grid projection information. A grid cell size of 12.5 and 15 metres was used.

- Maps at 1:10,000 in Geosoft MAP format, as follows:

Bfield_10k_BlockA_**: B-field profiles, Time Gates 0.234 – 9.245 ms in linear logarithmic scale over TMI.
 dBdt_10k_BlockA_**: dB/dt profiles, Time Gates 0.234 – 9.245 ms in linear logarithmic scale.
 BF21_10k_BlockA_**: B-field Time Gate 0.818 ms colour image.
 TMI_10k_BlockA_**: Total magnetic intensity colour image and contours.

Note: ** represents map name i.e. (dBdt_10k_BlockA_East)

Maps are also presented in PDF and MapInfo format.

1:50,000 topographic vectors were taken from the NRCAN Geogratis database at; <http://geogratis.gc.ca/geogratis/en/index.html>.

- Google Earth files *8096B_BlockA_flightpath.kml* showing the flight path of each block. Free versions of Google Earth software from: <http://earth.google.com/download-earth.html>

6. CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

A helicopter-borne versatile time domain electromagnetic (VTEM) geophysical survey has been completed over one block (Block A) of the White River Project located near Koidern, Yukon, Canada.

The total area coverage is 57.7 km². Total survey line coverage is 1306 line kilometres. The principal sensors included a Time Domain EM system and a magnetometer. Results have been presented as stacked profiles and contour colour images at a scale of 1:10,000. No formal interpretation is included in this report.

6.2 Recommendations

Based on the geophysical results obtained, a number of interesting EM and magnetic anomaly groupings were identified across the property. We therefore recommend a more detailed interpretation of the EM and magnetic data, in conjunction with the known geology. It should include EM anomaly picking and magnetic derivative processing, as well as 3D inversion and modelling techniques to further characterize the observed anomalies and to more accurately determine their parameters (depth, conductance, dip, etc.) prior to ground follow up and drill testing. We further recommend that the survey block between Block A west and east be completed.

Respectfully submitted⁶,

Kyle Orlowski
Geotech Ltd.

Jean Legault, P. Geo, P. Eng
Geotech Ltd.

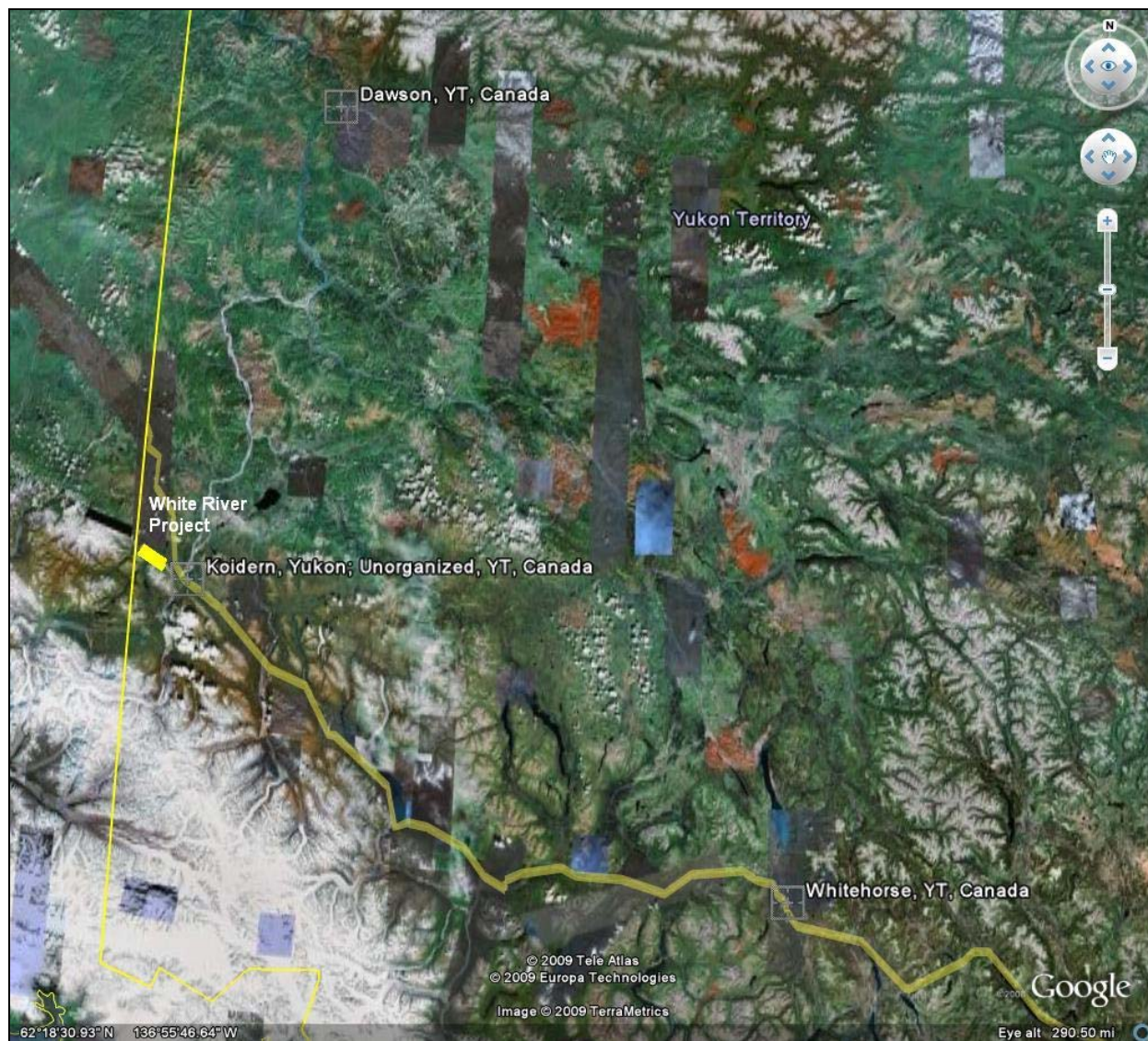
George Lev
Geotech Ltd.

February 2009

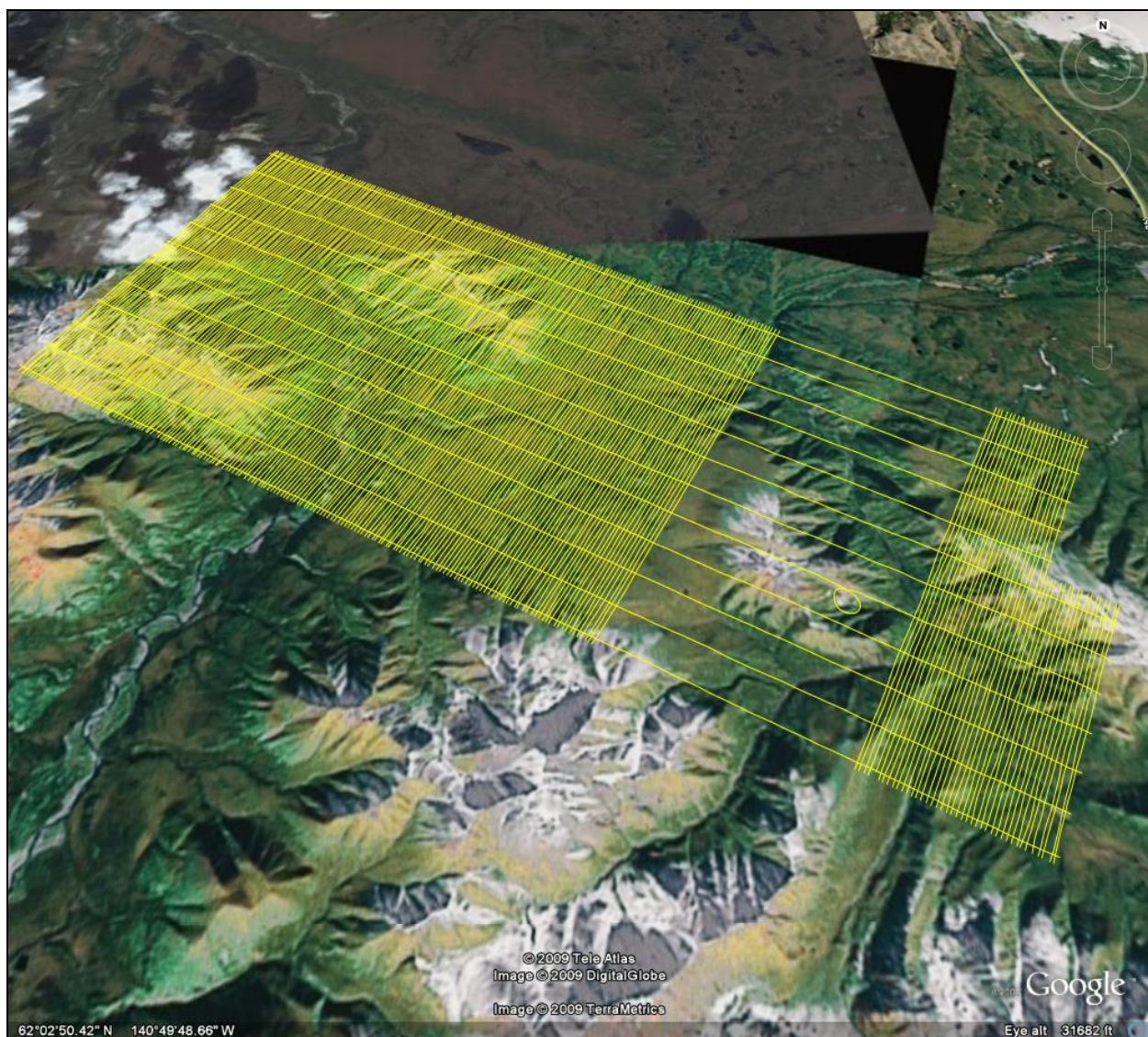
⁶Final data processing and interpretation of the EM and magnetic data were carried out by George Lev, from the office of Geotech Ltd. in Aurora, Ontario, under the supervision of Jean Legault, P. Geo, Manager of Data Processing and Interpretation.

APPENDIX A

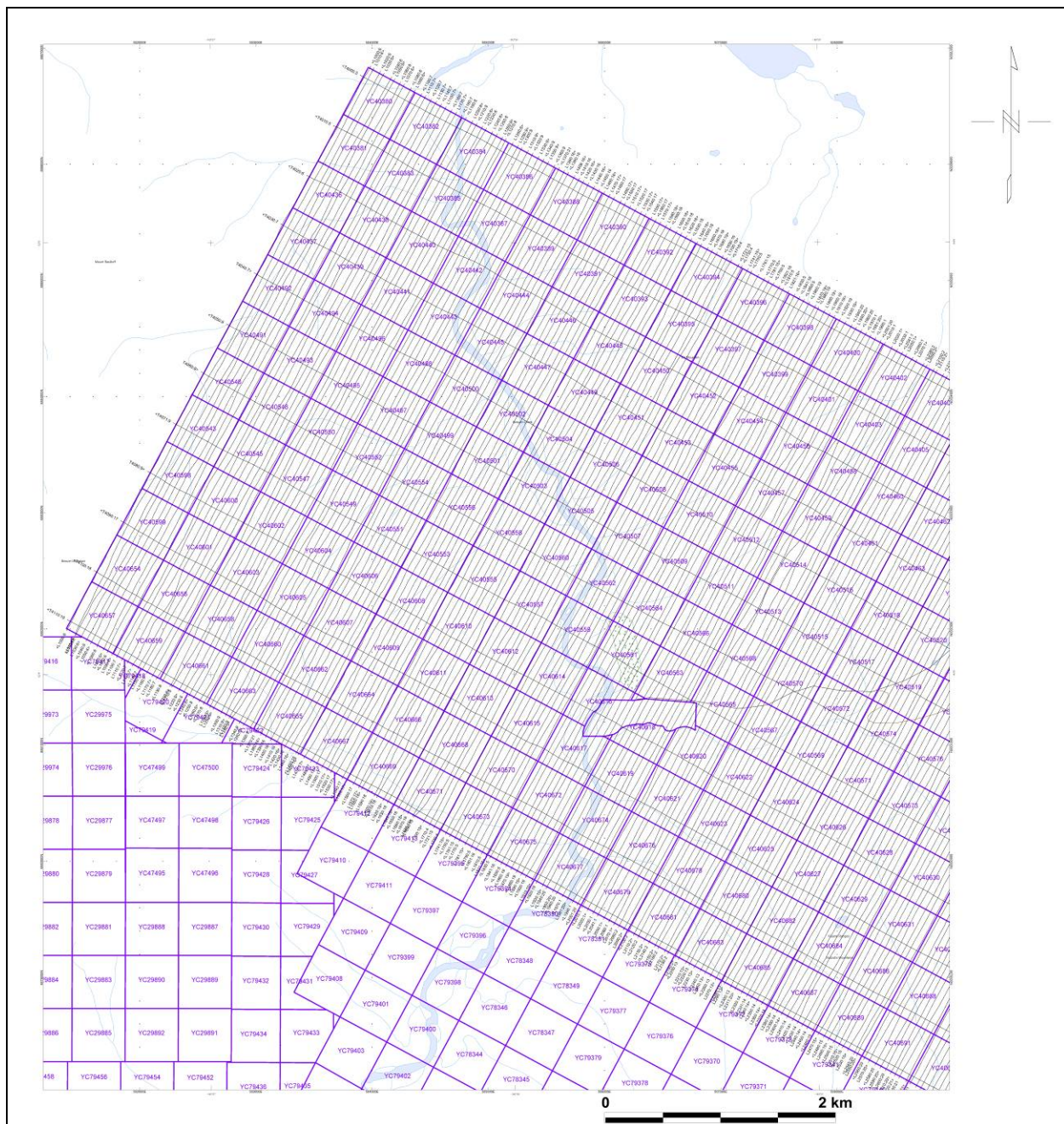
SURVEY BLOCK LOCATION MAPS



Google Earth Image: White River Project



Google Earth Image: Block A



Mining Claims Map: Block A - West

APPENDIX B

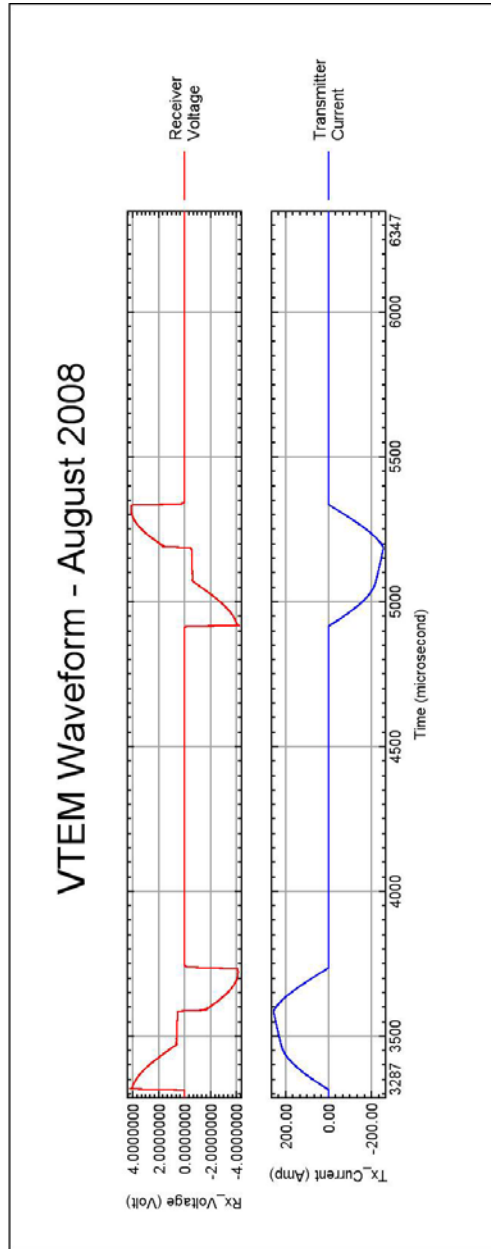
SURVEY BLOCK COORDINATES

(NAD83, UTM Zone 7 North)

Block A	
X	Y
503967.6	6886833
515301.5	6880744
514206.3	6878716
515001.8	6878322
513448.2	6875513
501369.4	6882004

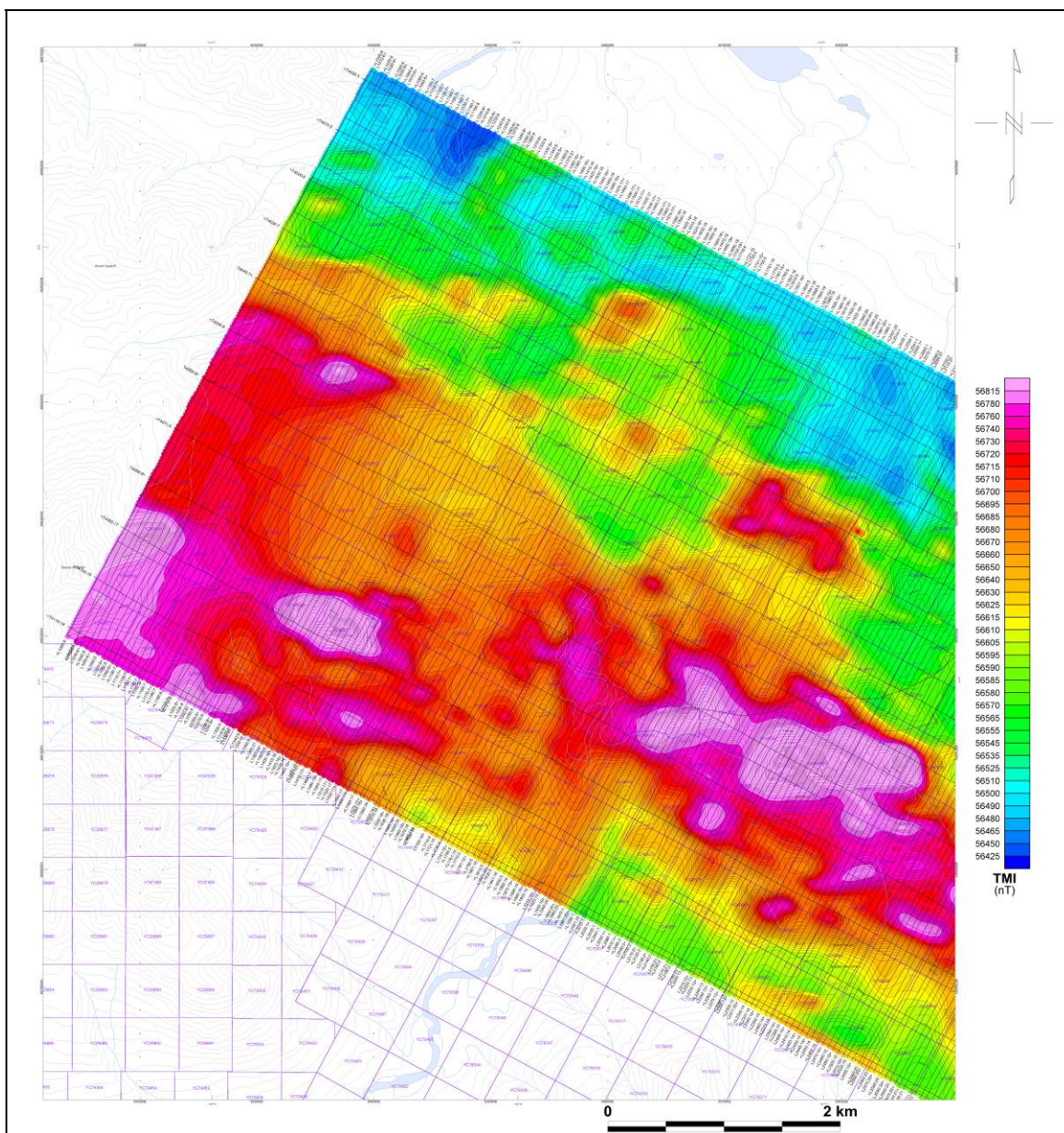
APPENDIX C

VTEM WAVEFORM



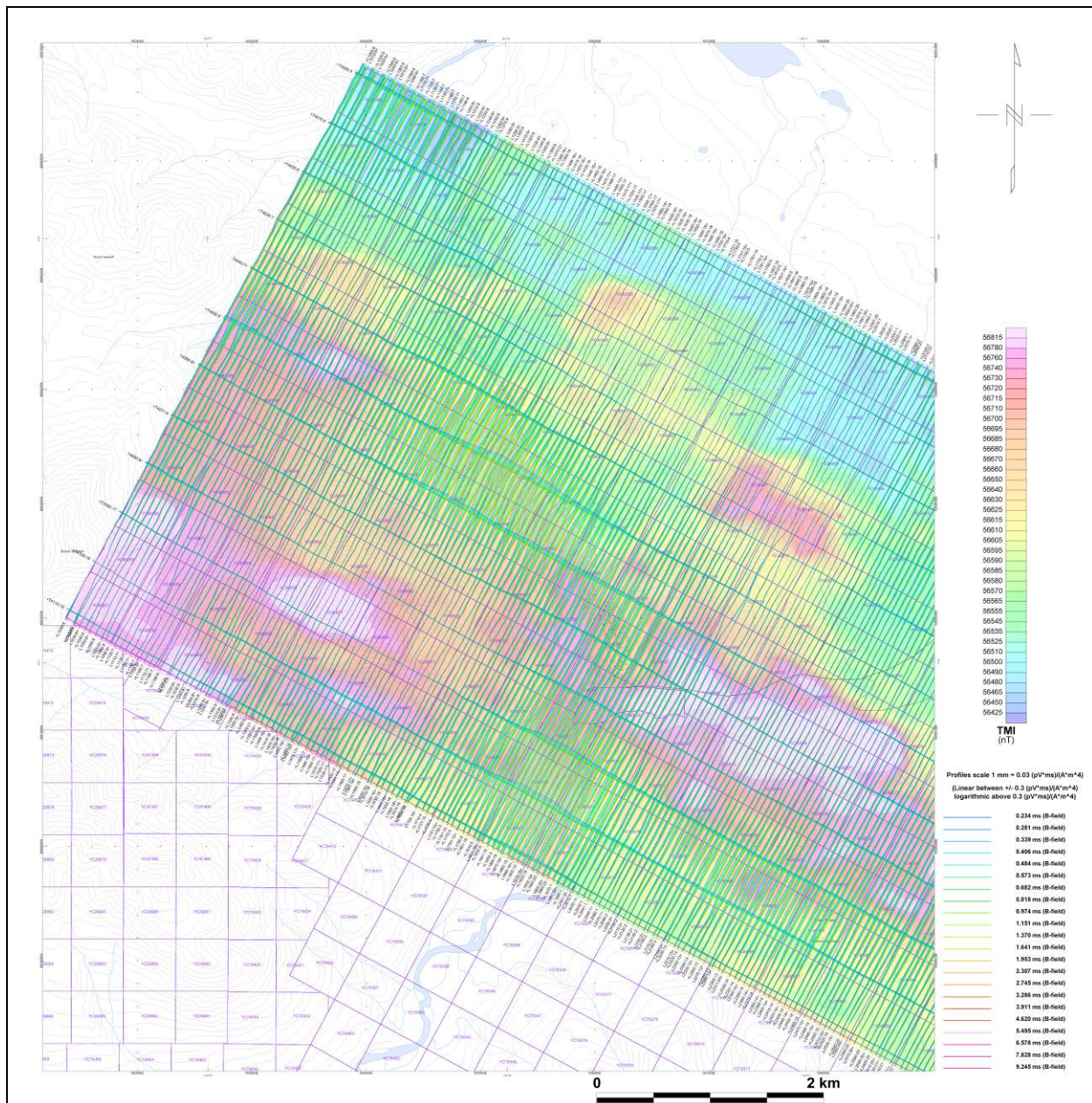
APPENDIX D

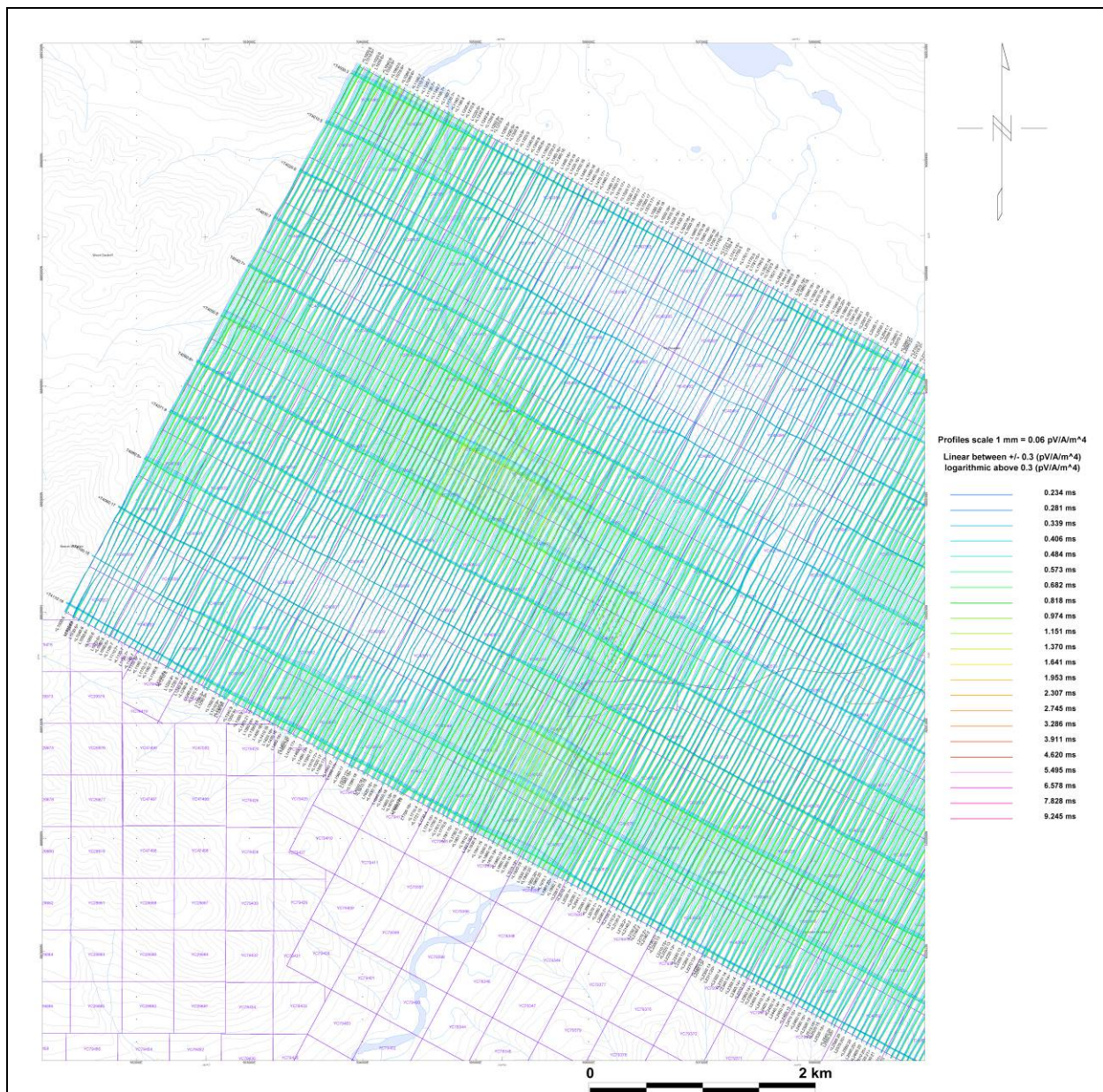
GEOPHYSICAL MAPS¹



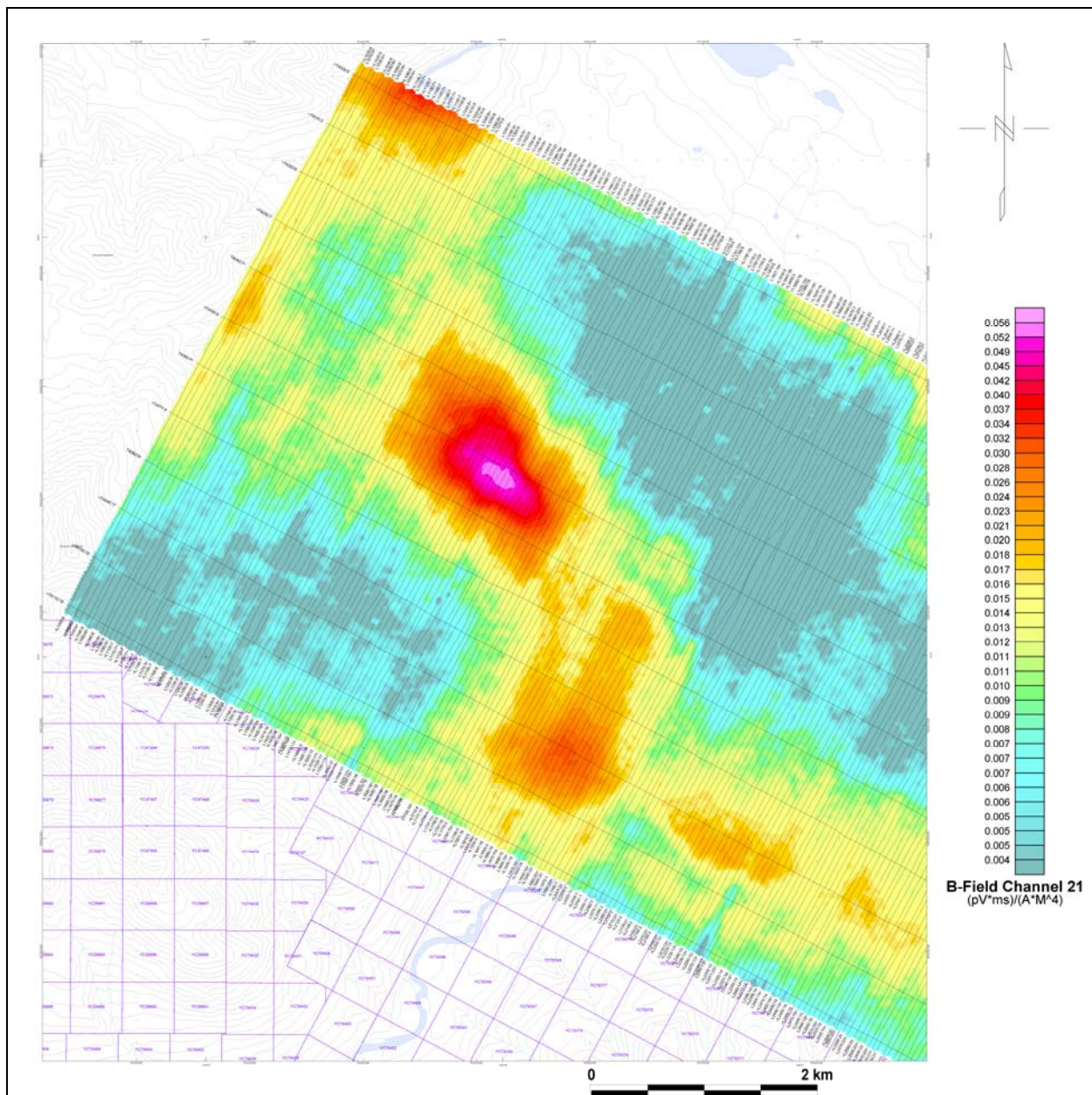
Block A - West: Total Magnetic Intensity (TMI)

¹ Note: Present maps are a selection of the final geophysical maps. Full size geophysical maps are also available in PDF format on the final DVD.

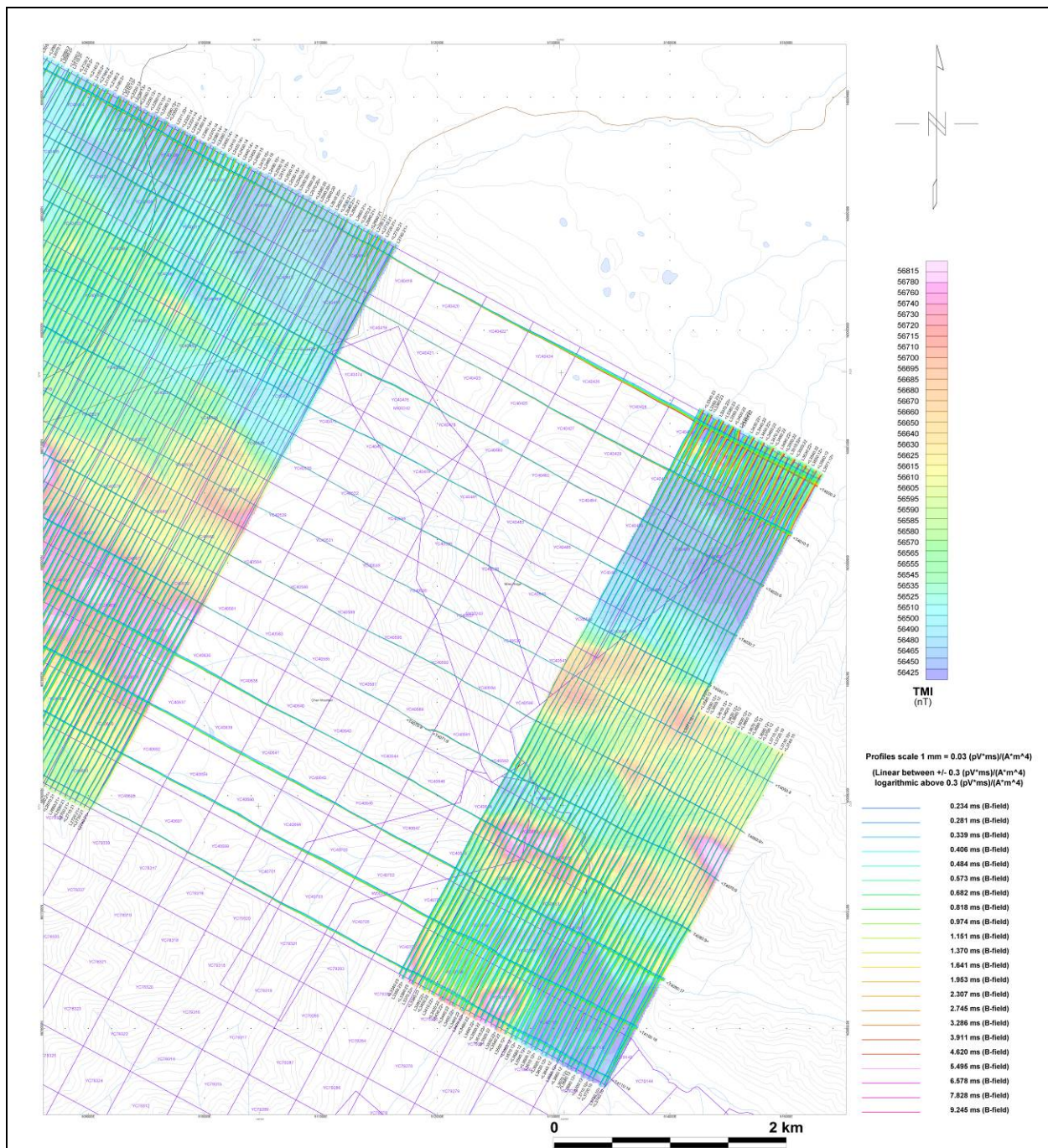




**Block A - West: VTEM dB/dt Profiles
 - Time Gates 0.234 to 9.245 ms**



**Block A - West: VTEM B-Field Contours
- Time Gate 0.818 ms**



**Block A - East: VTEM B-Field Profiles
– Time Gates 0.234 to 9.245 ms, over TMI**

APPENDIX E

GENERALIZED MODELING RESULTS OF THE VTEM SYSTEM

Introduction

The VTEM system is based on a concentric or central loop design, whereby, the receiver is positioned at the centre of a 26.1 metres diameter transmitter loop that produces a dipole moment up to 543,396 nIA at peak current. The wave form is a bi-polar, modified square wave with a turn-on and turn-off at each end. With a base frequency of 30 Hz, the duration of each pulse is approximately 4.5 milliseconds followed by an off time where no primary field is present.

During turn-on and turn-off, a time varying field is produced (dB/dt) and an electro-motive force (emf) is created as a finite impulse response. A current ring around the transmitter loop moves outward and downward as time progresses. When conductive rocks and mineralization are encountered, a secondary field is created by mutual induction and measured by the receiver at the centre of the transmitter loop.

Measurements are made during the on and off-time, when only the secondary field (representing the conductive targets encountered in the ground) is present.

Efficient modeling of the results can be carried out on regularly shaped geometries, thus yielding close approximations to the parameters of the measured targets. The following is a description of a series of common models made for the purpose of promoting a general understanding of the measured results.

General Modeling Concepts

A set of models has been produced for the Geotech VTEM® system with explanation notes (see models C1 to C18). The Maxwell™ modeling program (EMIT Technology Pty. Ltd., Midland, AU) used to generate the following responses assumes a resistive half-space. The reader is encouraged to review these models, so as to get a general understanding of the responses as they apply to survey results. While these models do not begin to cover all possibilities, they give a general perspective on the simple and most commonly encountered anomalies.

When producing these models, a few key points were observed and are worth noting as follows:

- For near vertical and vertical plate models, the top of the conductor is always located directly under the centre low point between the two shoulders in the classic **M** shaped response.

- As the plate is positioned at an increasing depth to the top, the shoulders of the **M** shaped response, have a greater separation distance.
- When faced with choosing between a flat lying plate and a prism model to represent the target (broad response) some ambiguity is present and caution should be exercised.
- With the concentric loop system and Z-component receiver coil, virtually all types of conductors and most geometries are most always well coupled and a response is generated. Only concentric loop systems can successfully map this type great variety of targets.

Variation of Plate Depth

Geometries represented by plates of different strike length, depth extent, dip, plunge and depth below surface can be varied with characteristic parameters like conductance of the target, conductance of the host and conductivity/thickness and thickness of the overburden layer.

Diagrammatic models for a vertical plate are shown in Figures C-1 & C-2 and C-5 & C-6 at two different depths, all other parameters remaining constant. With this transmitter-receiver geometry, the classic **M** shaped response is generated. Figures C-1 and C-2 show a plate where the top is near surface. Here, amplitudes of the dual peaks are higher and symmetrical with the zero centre positioned directly above the plate. Most important is the separation distance of the peaks. This distance is small when the plate is near surface and widens with a linear relationship as the plate (depth to top) increases. Figures C-5 and C-6 show a much deeper plate where the separation distance of the peaks is much wider and the amplitudes of the channels have decreased.

Variation of Plate Dip

As the plate dips and departs from the vertical position, the peaks become asymmetrical. Figures C-3 & C-4 and C-7 and C-8 show a near surface plate dipping 80° at two different depths. Note that the direction of dip is toward the high shoulder of the response and the top of the plate remains under the centre minimum.

As the dip increases, the aspect ratio (Min/Max) decreases and this aspect ratio can be used as an empirical guide to dip angles from near 90° to about 30°. The method is not sensitive enough where dips are less than about 30°. For example, for a plate dipping 45°, the minimum shoulder starts to vanish. In Figures C-9 & C-10 and C-11 & C-12, a flat lying plate is shown, relatively near surface. Note that the twin peak anomaly has been replaced by a symmetrical shape with large, bell shaped, channel amplitudes which decay relative to the conductance of the plate.

In the special case where two plates are positioned to represent a synclinal structure. Note that the main characteristic is that the centre amplitudes are higher (approximately double) compared to the high shoulder of a single plate. This model is very representative of tightly folded formations where the conductors were once flat lying.

Variation of Prism Dip

Finally, with thicker, prism models, another algorithm is required to represent current on the plate. A plate model is considered to be infinitely thin with respect to thickness and incapable of representing the current in the thickness dimension. A prism model is constructed to deal with this problem, thereby, representing the thickness of the body more accurately.

Figures C-13 & C-14 and C-15 & C-16 show the same prism at the same depths with variable dips. Aside from the expected differences asymmetry prism anomalies show a characteristic change from a double-peaked anomaly to single peak signatures.

I. THIN PLATE

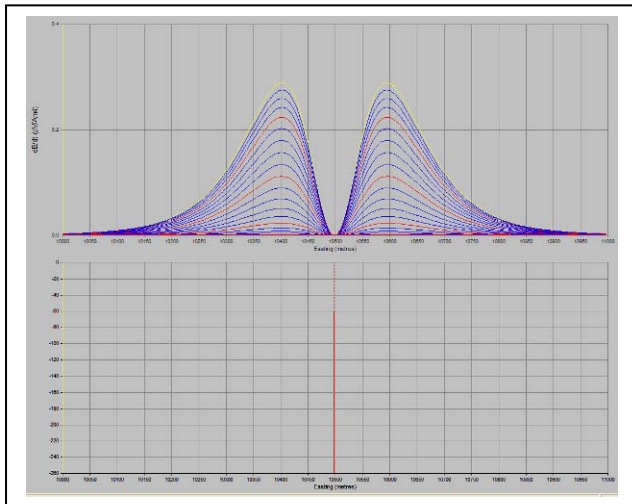


Figure C-1: dB/dt response of a shallow vertical thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

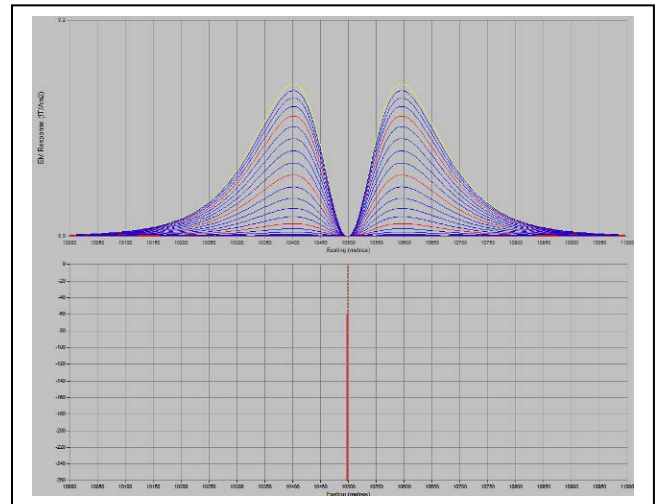


Figure C-2: B-field response of a shallow vertical thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

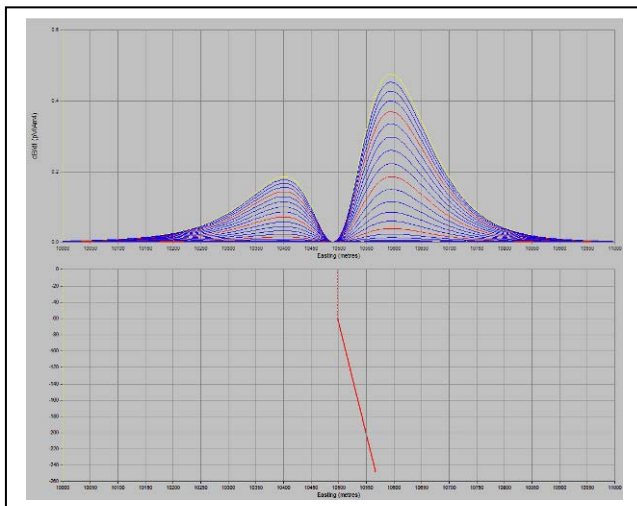


Figure C-3: dB/dt response of a shallow skewed thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

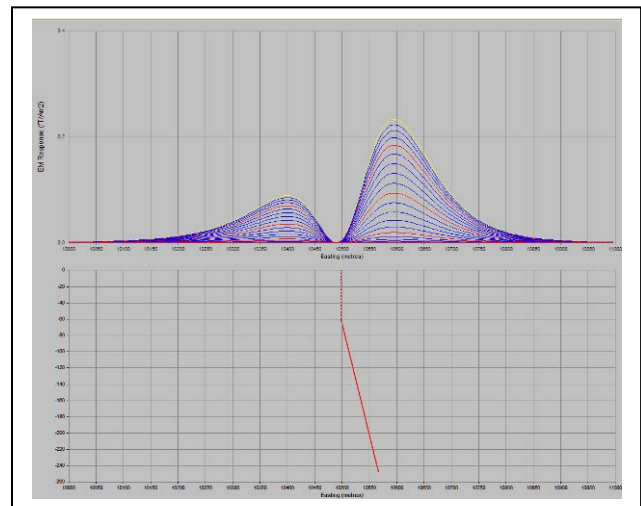


Figure C-4: B-field response of a shallow skewed thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

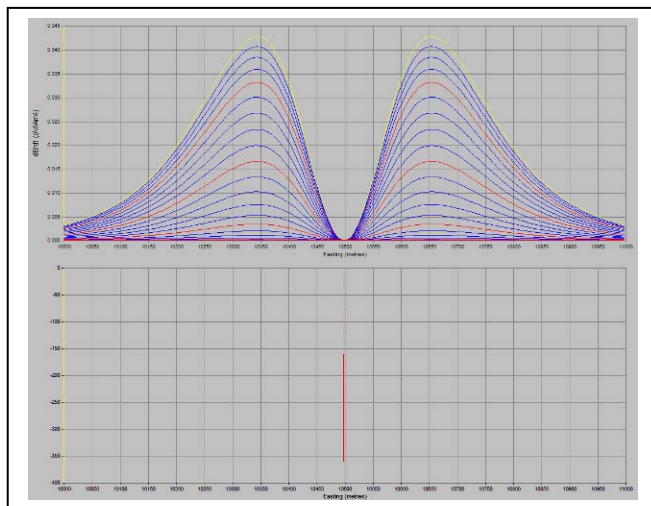


Figure C-5: dB/dt response of a deep vertical thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

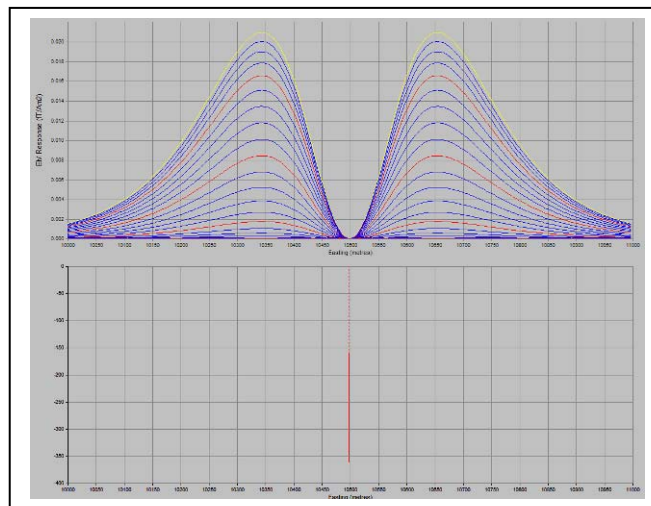


Figure C-6: B-Field response of a deep vertical thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment.

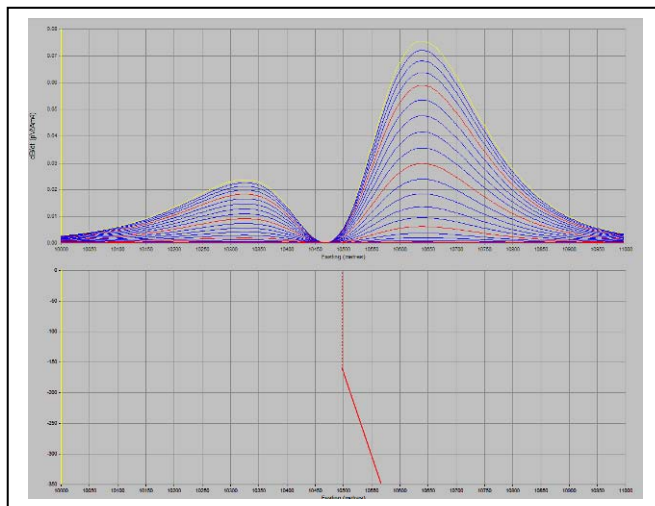


Figure C-7: dB/dt response of a deep skewed thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

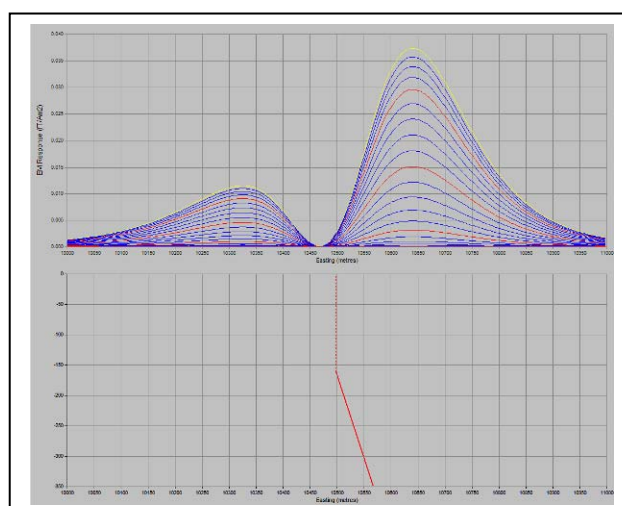


Figure C-8: B-field response of a deep skewed thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment.

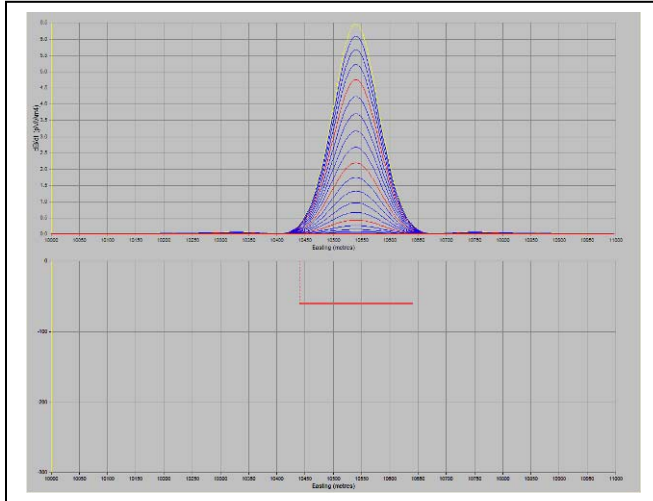


Figure C-9: dB/dt response of a shallow horizontal thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

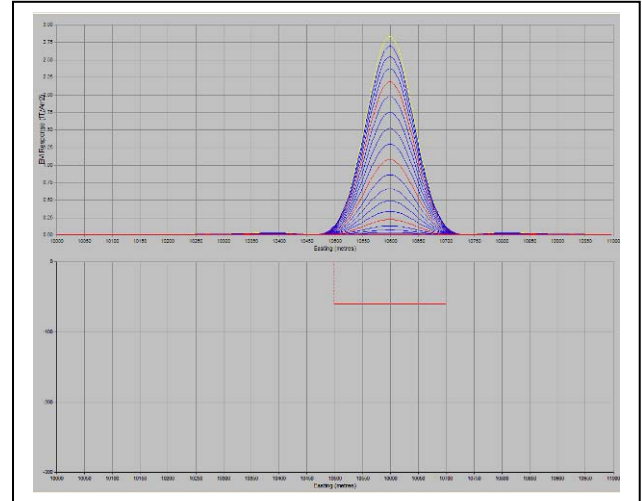


Figure C-10: B-Field response of a shallow horizontal thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

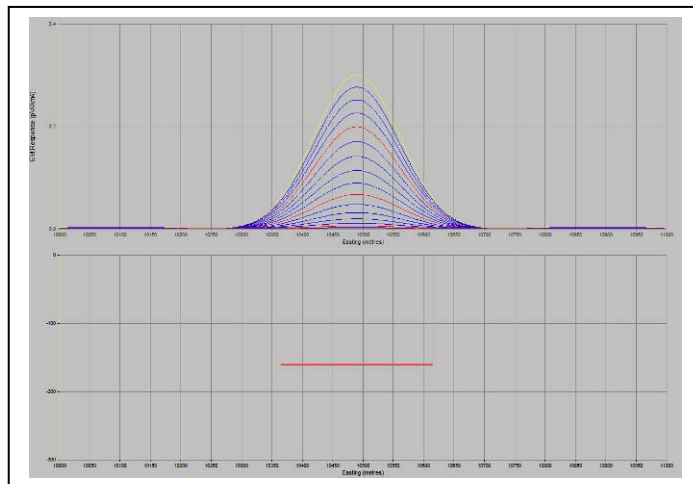


Figure C-11: dB/dt response of a deep horizontal thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

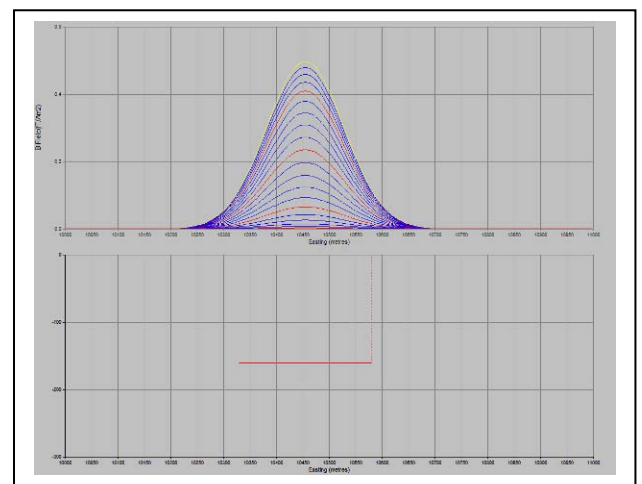


Figure C-12: B-Field response of a deep horizontal thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment.

II. THICK PLATE

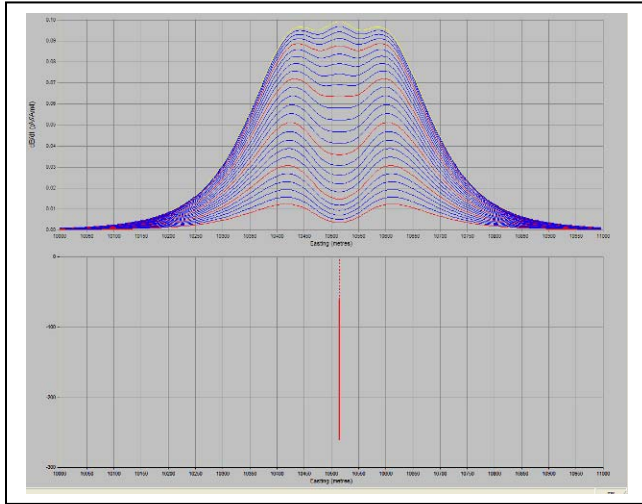


Figure C-13: dB/dt response of a shallow vertical thick plate. Depth=100 m, $C=12$ S/m, thickness=20 m. The EM response is normalized by the dipole moment and the Rx area.

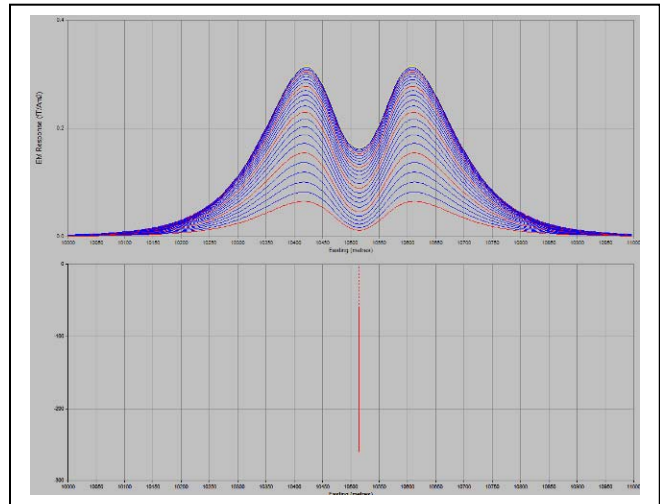


Figure C-14: B-Field response of a shallow vertical thick plate. Depth=100 m, $C=12$ S/m, thickness= 20 m. The EM response is normalized by the dipole moment.

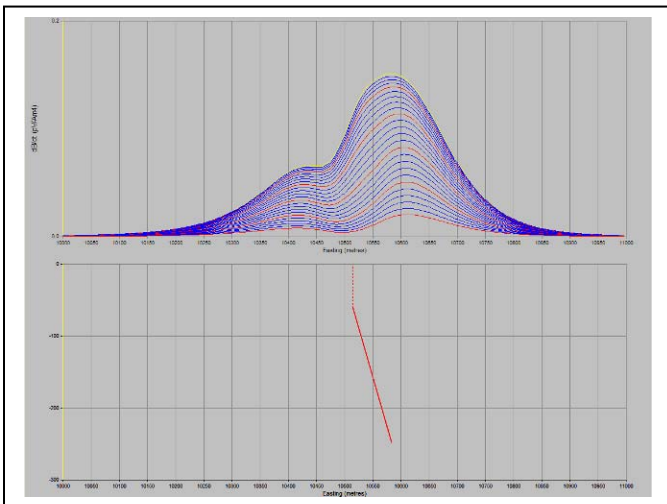


Figure C-15: dB/dt response of a shallow skewed thick plate. Depth=100 m, $C=12$ S/m, thickness=20 m. The EM response is normalized by the dipole moment and the Rx area.

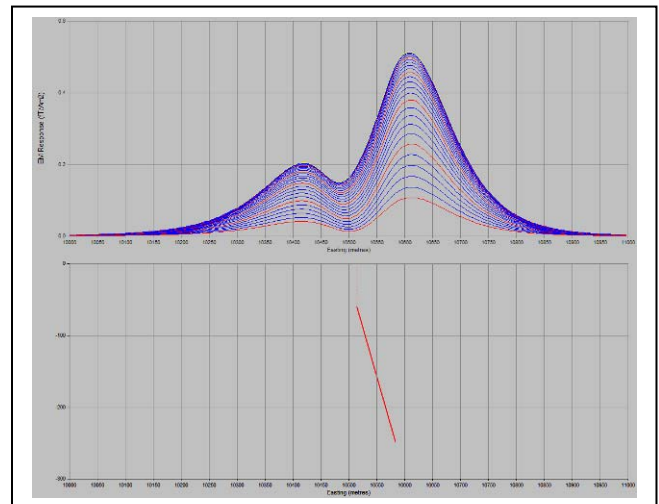


Figure C-16: B-Field response of a shallow skewed thick plate. Depth=100 m, $C=12$ S/m, thickness=20 m. The EM response is normalized by the dipole moment.

III. MULTIPLE THIN PLATES

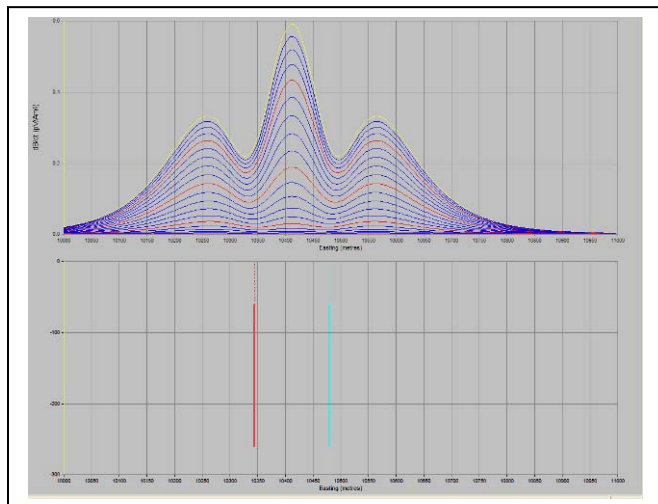


Figure C-17: dB/dt response of two vertical thin plates. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

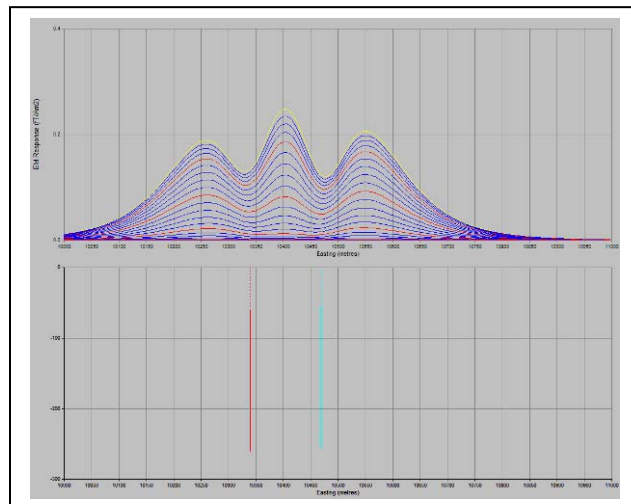


Figure C-18: B-Field response of two vertical thin plates. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

General Interpretation Principals

Magnetics

The total magnetic intensity responses reflect major changes in the magnetite and/or other magnetic minerals content in the underlying rocks and unconsolidated overburden. Precambrian rocks have often been subjected to intense heat and pressure during structural and metamorphic events in their history. Original signatures imprinted on these rocks at the time of formation have, in most cases, been modified, resulting in low magnetic susceptibility values.

The amplitude of magnetic anomalies, relative to the regional background, helps to assist in identifying specific magnetic and non-magnetic rock units (and conductors) related to, for example, mafic flows, mafic to ultramafic intrusives, felsic intrusives, felsic volcanics and/or sediments etc. Obviously, several geological sources can produce the same magnetic response. These ambiguities can be reduced considerably if basic geological information on the area is available to the geophysical interpreter.

In addition to simple amplitude variations, the shape of the response expressed in the wave length and the symmetry or asymmetry, is used to estimate the depth, geometric parameters and magnetization of the anomaly. For example, long narrow magnetic linears usually reflect mafic flows or intrusive dyke features. Large areas with complex magnetic patterns may be produced by intrusive bodies with significant magnetization, flat lying magnetic sills or sedimentary iron formation. Local isolated circular magnetic patterns often represent plug-like igneous intrusives such as kimberlites, pegmatites or volcanic vent areas.

Because the total magnetic intensity (TMI) responses may represent two or more closely spaced bodies within a response, the second derivative of the TMI response may be helpful for distinguishing these complexities. The second derivative is most useful in mapping near surface linears and other subtle magnetic structures that are partially masked by nearby higher amplitude magnetic features. The broad zones of higher magnetic amplitude, however, are severely attenuated in the vertical derivative results. These higher amplitude zones reflect rock units having strong magnetic susceptibility signatures. For this reason, both the TMI and the second derivative maps should be evaluated together.

Theoretically, the second derivative, zero contour or color delineates the contacts or limits of large sources with near vertical dip and shallow depth to the top. The vertical gradient map also aids in determining contact zones between rocks with a susceptibility contrast, however, different, more complicated rules of thumb apply.

Concentric Loop EM Systems

Concentric systems with horizontal transmitter and receiver antennae produce much larger responses for flat lying conductors as contrasted with vertical plate-like conductors. The amount of current developing on the flat upper surface of targets having a substantial area in this dimension, are the direct result of the effective coupling angle, between the primary magnetic field and the flat surface area. One therefore, must not compare the amplitude/conductance of responses generated from flat lying bodies with those derived from near vertical plates; their ratios will be quite different for similar conductances.

Determining dip angle is very accurate for plates with dip angles greater than 30°. For angles less than 30° to 0°, the sensitivity is low and dips can not be distinguished accurately in the presence of normal survey noise levels.

A plate like body that has near vertical position will display a two shoulder, classic **M** shaped response with a distinctive separation distance between peaks for a given depth to top.

It is sometimes difficult to distinguish between responses associated with the edge effects of flat lying conductors and poorly conductive bedrock conductors. Poorly conductive bedrock conductors having low dip angles will also exhibit responses that may be interpreted as surficial overburden conductors. In some situations, the conductive response has line to line continuity and some magnetic correlation providing possible evidence that the response is related to an actual bedrock source.

The EM interpretation process used, places considerable emphasis on determining an understanding of the general conductive patterns in the area of interest. Each area has different characteristics and these can effectively guide the detailed process used.

The first stage is to determine which time gates are most descriptive of the overall conductance patterns. Maps of the time gates that represent the range of responses can be very informative.

Next, stacking the relevant channels as profiles on the flight path together with the second vertical derivative of the TMI is very helpful in revealing correlations between the EM and Magnetics.

Next, key lines can be profiled as single lines to emphasize specific characteristics of a conductor or the relationship of one conductor to another on the same line. Resistivity Depth sections can be constructed to show the relationship of conductive overburden or conductive bedrock with the conductive anomaly.

Roger Barlow
Consultant

Nasreddine Bournas, P. Geo.
Geotech Ltd.

December 2008

Appendix F – ACME Results

Contains raw laboratory results

Client: **White River Resources Inc.**

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Submitted By: Ian McCutcheon
 Receiving Lab: Canada-Vancouver
 Received: September 12, 2008
 Report Date: October 03, 2008
 Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN08009291.1

CLIENT JOB INFORMATION

Project: White River
 Shipment ID:
 P.O. Number
 Number of Samples: 9

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
 DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: White River Resources Inc.
 436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4
 Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	9	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	9	Dry at 60C		
RJSV	9	Save all or part of soil reject fraction		
3BMS	9	Fire assay fusion Au Pt Pd by ICP-MS	30	Completed
4A&4B	9	Whole Rock Analysis Majors and Trace Elements	0.2	Completed

ADDITIONAL COMMENTS



Client: **White River Resources Inc.**

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 03, 2008

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN08009291.1

	Method Analyte Unit MDL	3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Au	Pt	Pd	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be
		ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm
		1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1
80822CS 001	Sediment	<1	3.7	3.9	50.80	13.97	7.96	4.23	5.53	2.62	1.40	0.76	0.25	0.26	0.019	38	19	11.9	99.70	656	<1
80822CS 002	Sediment	<1	4.9	3.8	54.38	14.54	6.97	3.28	5.30	2.71	1.67	0.80	0.29	0.13	0.012	27	17	9.6	99.72	670	<1
80822CS 003	Sediment	2	2.8	4.0	50.09	14.49	6.52	3.79	4.41	2.57	1.55	0.65	0.22	0.13	0.020	48	17	15.2	99.67	568	2
80822CS 004	Sediment	<1	1.7	1.5	52.41	13.06	5.71	3.27	4.70	2.64	1.32	0.88	0.19	0.07	0.014	29	16	15.4	99.70	520	1
80822CS 005	Sediment	4	1.1	0.8	52.92	13.11	7.60	3.48	4.66	2.63	1.38	0.83	0.24	0.22	0.022	41	16	12.6	99.71	584	1
80822CS 006	Sediment	I.S.	I.S.	I.S.	51.71	12.87	6.88	3.23	3.64	2.44	1.37	0.75	0.16	0.11	0.020	42	15	16.6	99.74	611	<1
80822CS 007	Sediment	I.S.	I.S.	I.S.	34.33	9.13	13.74	1.99	3.62	1.71	0.98	0.61	0.23	0.08	0.008	22	10	33.3	99.78	428	<1
80822CS 008	Sediment	<1	0.9	0.7	57.06	14.45	6.94	3.78	5.04	3.20	1.43	1.01	0.19	0.11	0.026	42	21	6.6	99.78	522	<1
80822CS 009	Sediment	2	1.6	1.4	55.86	14.60	8.23	3.98	5.81	3.01	1.50	1.10	0.23	0.12	0.034	40	23	5.2	99.71	502	1

CERTIFICATE OF ANALYSIS

VAN08009291.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05
80822CS 001	Sediment	24.6	1.2	14.8	3.2	6.1	30.3	1	537.2	0.5	2.8	1.3	186	0.8	99.8	19.7	16.1	33.5	4.43	19.4	4.03
80822CS 002	Sediment	20.2	1.7	14.8	4.0	7.1	36.8	<1	543.9	0.5	3.5	1.8	178	0.8	144.7	20.9	18.8	36.7	4.80	21.8	4.00
80822CS 003	Sediment	21.8	1.4	15.3	3.4	5.0	35.0	<1	536.1	0.3	2.8	1.4	146	0.7	104.1	16.0	14.4	30.4	3.89	17.8	3.34
80822CS 004	Sediment	16.2	1.1	15.5	4.8	7.9	33.5	<1	471.6	0.6	3.4	1.8	141	0.9	145.7	17.6	16.3	33.5	4.44	18.8	3.77
80822CS 005	Sediment	22.4	1.2	13.7	4.7	8.1	33.1	<1	445.6	0.7	3.7	1.8	160	0.6	153.1	18.2	17.1	34.5	4.70	20.2	3.78
80822CS 006	Sediment	17.3	1.4	13.9	4.3	8.2	37.0	<1	361.9	0.7	4.3	1.9	134	0.8	140.6	17.7	17.9	34.1	4.44	19.5	3.36
80822CS 007	Sediment	16.3	0.9	11.4	2.9	4.9	22.9	<1	353.2	0.2	2.4	1.3	167	<0.5	94.7	12.6	13.7	29.6	3.66	15.7	2.89
80822CS 008	Sediment	18.0	0.8	15.6	3.4	9.1	32.4	1	446.4	0.7	3.2	1.7	176	0.7	135.4	18.6	16.5	33.6	4.57	20.5	3.92
80822CS 009	Sediment	21.7	1.2	14.8	5.2	9.1	34.3	<1	437.0	0.7	2.6	1.5	219	0.8	180.6	19.7	14.8	28.8	4.12	19.3	3.74

CERTIFICATE OF ANALYSIS

VAN08009291.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
80822CS 001	Sediment	1.10	3.74	0.62	3.55	0.70	1.93	0.30	1.97	0.27	4.76	0.08	2.4	82.7	8.5	66	42.4	16.0	0.3	0.4	<0.1
80822CS 002	Sediment	1.13	3.93	0.63	3.46	0.73	1.92	0.30	2.00	0.28	2.69	0.05	0.8	54.1	5.8	68	25.5	15.8	0.1	0.5	<0.1
80822CS 003	Sediment	0.99	3.34	0.50	2.84	0.56	1.63	0.25	1.70	0.24	6.24	0.09	0.9	88.2	10.4	58	44.4	6.5	0.2	0.3	<0.1
80822CS 004	Sediment	1.04	3.68	0.52	3.09	0.58	1.70	0.25	1.67	0.26	6.41	0.11	1.2	56.3	5.7	51	31.8	1.6	0.1	0.3	<0.1
80822CS 005	Sediment	0.99	3.38	0.57	3.35	0.64	1.75	0.28	1.76	0.27	4.63	0.06	1.0	39.9	4.3	59	32.0	5.4	0.1	0.3	<0.1
80822CS 006	Sediment	0.95	3.04	0.51	2.87	0.58	1.66	0.27	1.80	0.25	6.38	0.07	0.7	59.7	6.1	62	37.2	5.4	0.1	0.2	<0.1
80822CS 007	Sediment	0.81	2.65	0.43	2.37	0.44	1.21	0.20	1.14	0.17	11.24	0.12	1.8	30.5	12.0	53	18.4	23.9	0.1	0.4	<0.1
80822CS 008	Sediment	1.12	3.68	0.57	3.54	0.64	1.89	0.27	2.08	0.28	1.90	0.02	0.4	22.8	4.0	49	29.0	3.7	0.1	0.1	<0.1
80822CS 009	Sediment	1.06	3.55	0.61	3.74	0.69	2.02	0.32	2.08	0.32	1.20	0.04	0.6	41.7	11.4	53	34.8	5.1	0.1	0.2	<0.1

Client: **White River Resources Inc.**

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 03, 2008

Page: 2 of 2 **Part** 4

CERTIFICATE OF ANALYSIS

VAN08009291.1

	Method	1DX	1DX	1DX	1DX	1DX
	Analyte	Ag	Au	Hg	Tl	Se
	Unit	ppm	ppb	ppm	ppm	ppm
	MDL	0.1	0.5	0.01	0.1	0.5
80822CS 001	Sediment	<0.1	5.0	0.04	<0.1	1.3
80822CS 002	Sediment	<0.1	3.0	0.02	<0.1	1.0
80822CS 003	Sediment	<0.1	4.1	0.02	<0.1	<0.5
80822CS 004	Sediment	<0.1	7.4	0.03	<0.1	<0.5
80822CS 005	Sediment	<0.1	1.3	0.01	<0.1	0.9
80822CS 006	Sediment	<0.1	1.6	0.01	<0.1	0.5
80822CS 007	Sediment	<0.1	2.7	0.03	<0.1	1.0
80822CS 008	Sediment	<0.1	3.1	<0.01	<0.1	<0.5
80822CS 009	Sediment	<0.1	10.5	0.01	<0.1	0.5

QUALITY CONTROL REPORT

VAN08009291.1

Method Analyte Unit MDL		3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Au	Pt	Pd	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	MgO	CaO	Na ₂ O	K ₂ O	TiO ₂	P ₂ O ₅	MnO	Cr ₂ O ₃	Ni	Sc	LOI	Sum	Ba	Be
		ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm
		1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1
Pulp Duplicates																					
80822CS 004	Sediment	<1	1.7	1.5	52.41	13.06	5.71	3.27	4.70	2.64	1.32	0.88	0.19	0.07	0.014	29	16	15.4	99.70	520	1
REP 80822CS 004	QC				52.40	13.06	5.71	3.29	4.65	2.65	1.32	0.88	0.21	0.07	0.016	33	16	15.4	99.69	542	1
80822CS 007	Sediment	I.S.	I.S.	I.S.	34.33	9.13	13.74	1.99	3.62	1.71	0.98	0.61	0.23	0.08	0.008	22	10	33.3	99.78	428	<1
REP 80822CS 007	QC																				
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD FA100S	Standard	44	45.8	44.2																	
STD FA100S	Standard	43	48.0	46.8																	
STD FA100S	Standard	43	46.3	47.0																	
STD FA100S	Standard	44	44.9	47.5																	
STD OREAS76A	Standard																				
STD SO-18	Standard				58.08	14.13	7.61	3.33	6.38	3.68	2.15	0.69	0.82	0.39	0.547	34	25	1.9	99.72	487	<1
STD SO-18	Standard				58.04	14.13	7.60	3.36	6.37	3.70	2.15	0.69	0.82	0.39	0.550	54	26	1.9	99.71	490	1
STD SO-18	Standard				58.02	14.13	7.62	3.34	6.39	3.70	2.16	0.69	0.83	0.39	0.549	39	27	1.9	99.73	505	1
STD SO-18	Standard				58.02	14.13	7.60	3.34	6.39	3.70	2.15	0.69	0.82	0.39	0.548	52	26	1.9	99.70	513	1
STD CSC Expected																					
STD OREAS76A Expected																					
STD SO-18 Expected					58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	44	25			514	
STD DS7 Expected																					
STD FA100S Expected		45	45	45																	
BLK	Blank				<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1
BLK	Blank																				
BLK	Blank				<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1
BLK	Blank																				
BLK	Blank	<1	<0.1	<0.5																	
BLK	Blank	<1	<0.1	<0.5																	

QUALITY CONTROL REPORT

VAN08009291.1

Method Analyte Unit MDL		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05
Pulp Duplicates																					
80822CS 004	Sediment	16.2	1.1	15.5	4.8	7.9	33.5	<1	471.6	0.6	3.4	1.8	141	0.9	145.7	17.6	16.3	33.5	4.44	18.8	3.77
REP 80822CS 004	QC	16.6	1.3	15.8	4.2	8.7	33.1	1	460.6	0.6	4.0	1.9	153	0.6	155.4	18.0	17.2	35.6	4.75	20.2	3.98
80822CS 007	Sediment	16.3	0.9	11.4	2.9	4.9	22.9	<1	353.2	0.2	2.4	1.3	167	<0.5	94.7	12.6	13.7	29.6	3.66	15.7	2.89
REP 80822CS 007	QC																				
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD FA100S	Standard																				
STD FA100S	Standard																				
STD FA100S	Standard																				
STD FA100S	Standard																				
STD OREAS76A	Standard																				
STD SO-18	Standard	25.7	6.5	17.0	9.4	20.9	27.4	15	400.2	7.0	9.6	16.0	199	14.6	280.7	31.4	11.7	26.1	3.40	13.7	2.87
STD SO-18	Standard	26.1	6.6	17.1	9.3	20.6	27.4	14	400.9	7.2	9.8	15.8	198	14.4	278.6	31.0	11.7	25.9	3.37	13.7	2.82
STD SO-18	Standard	26.5	7.1	17.8	10.0	21.4	28.8	15	407.6	7.1	10.1	16.5	203	15.1	290.9	31.9	12.0	26.2	3.40	13.9	3.00
STD SO-18	Standard	26.9	7.0	17.9	9.9	21.6	28.8	15	411.8	7.1	10.0	16.5	199	15.3	293.9	31.9	12.0	26.4	3.40	13.9	2.96
STD CSC Expected																					
STD OREAS76A Expected																					
STD SO-18 Expected		26.2	7.1	17.6	9.8	20.9	28.7	15	407.4	7.4	9.9	16.4	200	15.1	280	33	12.3	27.1	3.45	14	3
STD DS7 Expected																					
STD FA100S Expected																					
BLK	Blank	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05
BLK	Blank																				
BLK	Blank	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

QUALITY CONTROL REPORT

VAN08009291.1

Method Analyte Unit MDL		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S			Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02			0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
Pulp Duplicates																							
80822CS 004	Sediment	1.04	3.68	0.52	3.09	0.58	1.70	0.25	1.67	0.26	6.41	0.11			1.2	56.3	5.7	51	31.8	1.6	0.1	0.3	<0.1
REP 80822CS 004	QC	1.06	3.67	0.57	3.33	0.61	1.83	0.27	1.77	0.26													
80822CS 007	Sediment	0.81	2.65	0.43	2.37	0.44	1.21	0.20	1.14	0.17	11.24	0.12			1.8	30.5	12.0	53	18.4	23.9	0.1	0.4	<0.1
REP 80822CS 007	QC										12.03	0.11											
Reference Materials																							
STD CSC	Standard										3.05	4.24											
STD DS7	Standard														19.0	105.0	70.7	392	52.7	53.5	6.1	4.3	4.6
STD DS7	Standard														20.0	118.3	71.6	402	52.6	57.0	6.6	4.3	4.7
STD FA100S	Standard																						
STD FA100S	Standard																						
STD FA100S	Standard																						
STD FA100S	Standard																						
STD OREAS76A	Standard										0.15	17.87											
STD SO-18	Standard	0.86	2.83	0.48	2.86	0.60	1.80	0.28	1.69	0.26													
STD SO-18	Standard	0.86	2.82	0.50	2.84	0.60	1.76	0.27	1.73	0.26													
STD SO-18	Standard	0.89	2.97	0.51	2.95	0.61	1.82	0.29	1.78	0.27													
STD SO-18	Standard	0.88	2.95	0.51	2.91	0.61	1.82	0.28	1.77	0.27													
STD CSC Expected											3.13	4.19											
STD OREAS76A Expected											0.16	18											
STD SO-18 Expected		0.89	2.93	0.53	3	0.62	1.84	0.29	1.79	0.27													
STD DS7 Expected															20.9	109	70.6	411	56	48.2	6.4	5.9	4.5
STD FA100S Expected																							
BLK	Blank	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01													
BLK	Blank										<0.02	<0.02											
BLK	Blank	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01													
BLK	Blank														<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank																						
BLK	Blank																						

Client: White River Resources Inc.

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 03, 2008

Page: 1 of 2 **Part** 4

QUALITY CONTROL REPORT

VAN08009291.1

	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
		ppm	ppb	ppm	ppm	ppm
		0.1	0.5	0.01	0.1	0.5
Pulp Duplicates						
80822CS 004	Sediment	<0.1	7.4	0.03	<0.1	<0.5
REP 80822CS 004	QC					
80822CS 007	Sediment	<0.1	2.7	0.03	<0.1	1.0
REP 80822CS 007	QC					
Reference Materials						
STD CSC	Standard					
STD DS7	Standard	0.8	56.7	0.18	3.7	3.7
STD DS7	Standard	0.9	64.7	0.20	4.0	3.3
STD FA100S	Standard					
STD FA100S	Standard					
STD FA100S	Standard					
STD FA100S	Standard					
STD OREAS76A	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD CSC Expected						
STD OREAS76A Expected						
STD SO-18 Expected						
STD DS7 Expected		0.9	70	0.2	4.2	3.5
STD FA100S Expected						
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank					
BLK	Blank					

Client: White River Resources Inc.
 436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River
Report Date: October 03, 2008

Page: 2 of 2 **Part** 1

QUALITY CONTROL REPORT

VAN08009291.1

		3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Au	Pt	Pd	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be
		ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm
		1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1
BLK	Blank	<1	<0.1	<0.5																	
BLK	Blank	<1	<0.1	<0.5																	

Client: **White River Resources Inc.**
 436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River
Report Date: October 03, 2008

Page: 2 of 2 **Part** 2

QUALITY CONTROL REPORT

VAN08009291.1

		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	
		Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05
BLK	Blank																				
BLK	Blank																				

Client: **White River Resources Inc.**
 436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River
Report Date: October 03, 2008

Page: 2 of 2 **Part** 3

QUALITY CONTROL REPORT

VAN08009291.1

		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
BLK	Blank																				
BLK	Blank																				

Client: **White River Resources Inc.**

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 03, 2008

Page: 2 of 2 **Part** 4

QUALITY CONTROL REPORT

VAN08009291.1

		1DX Ag ppm 0.1	1DX Au ppb 0.5	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX Se ppm 0.5
BLK	Blank					
BLK	Blank					

Client: **White River Resources Inc.**

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Submitted By: Ian McCutcheon
 Receiving Lab: Canada-Vancouver
 Received: September 08, 2008
 Report Date: October 28, 2008
 Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN08009138.1

CLIENT JOB INFORMATION

Project: White River
 Shipment ID:
 P.O. Number
 Number of Samples: 4

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
 DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: White River Resources Inc.
 436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4
 Canada

CC: Marcus Reston
 Dylan Morgan
 Richard Montjoie

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	4	Crush split and pulverize drill core to 200 mesh		
3BMS	4	Fire assay fusion Au Pt Pd by ICP-MS	30	Completed
4A&4B	4	Whole Rock Analysis Majors and Trace Elements	0.2	Completed

ADDITIONAL COMMENTS



Client: White River Resources Inc.
 436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River
Report Date: October 28, 2008

Page: 2 of 2 **Part** 1

CERTIFICATE OF ANALYSIS

VAN08009138.1

	Method Analyte Unit MDL	WGHT	3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Wgt	Au	Pt	Pd	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba
		kg	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm
		0.01	1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1
80816IM001	Rock	1.33	2	16.4	14.4	38.73	3.91	11.66	32.64	3.70	0.17	0.24	0.50	0.06	0.17	0.612	2079	16	6.8	99.44	109
WRR0801A030	Drill Core	0.62	9	<0.1	<0.5	53.42	13.41	9.92	3.69	4.97	2.71	1.81	0.60	0.18	0.08	0.005	30	20	9.1	99.91	296
WRR0801A031	Drill Core	0.26	24	<0.1	<0.5	62.38	15.86	4.96	1.23	2.48	3.94	2.98	0.39	0.21	0.04	<0.002	<20	7	4.1	98.55	1223
WRR0801A032	Drill Core	0.69	225	<0.1	<0.5	56.40	14.93	6.67	2.34	4.26	4.22	2.35	0.36	0.23	0.07	<0.002	<20	7	6.5	98.32	1411

Client: White River Resources Inc.
 436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River
Report Date: October 28, 2008

Page: 2 of 2 **Part** 2

CERTIFICATE OF ANALYSIS

VAN08009138.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3
80816IM001	Rock	<1	120.7	0.3	5.6	1.2	2.6	6.1	<1	52.2	<0.1	0.3	0.1	125	<0.5	34.2	6.6	2.8	6.3	0.91	4.4
WRR0801A030	Drill Core	1	45.9	1.2	13.7	1.8	1.6	56.1	<1	202.2	<0.1	1.1	0.9	188	3.6	53.9	18.0	6.5	15.2	2.13	9.5
WRR0801A031	Drill Core	1	6.6	1.1	13.7	2.9	6.0	94.8	2	594.3	0.3	7.2	2.2	69	14.7	94.6	19.4	40.1	75.0	8.93	35.8
WRR0801A032	Drill Core	1	9.7	1.0	13.4	2.7	6.1	70.5	1	1168	0.4	5.0	2.0	86	5.5	92.9	19.6	20.4	39.2	4.77	19.5

Client: White River Resources Inc.

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 28, 2008

Page: 2 of 2 **Part** 3

CERTIFICATE OF ANALYSIS

VAN08009138.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B 2A	Leco 2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1
80816IM001	Rock	1.06	0.34	1.29	0.22	1.22	0.25	0.73	0.10	0.58	0.10	0.03	0.07	0.2	60.1	3.3	53	2063	1.8	0.1	<0.1
WRR0801A030	Drill Core	2.27	0.72	2.69	0.50	3.01	0.65	1.96	0.31	1.95	0.33	1.89	5.44	2.6	182.4	3.0	36	25.4	9.8	<0.1	0.2
WRR0801A031	Drill Core	6.12	1.66	4.99	0.67	3.35	0.69	1.92	0.32	2.15	0.36	0.66	2.36	7.8	>10000	3.1	13	3.7	17.9	0.8	0.5
WRR0801A032	Drill Core	3.77	1.11	3.68	0.54	3.05	0.62	1.75	0.27	1.80	0.29	1.48	2.80	11.7	>10000	4.2	24	5.9	45.4	0.4	2.0

Client: **White River Resources Inc.**
 436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River
Report Date: October 28, 2008

Page: 2 of 2 **Part** 4

CERTIFICATE OF ANALYSIS

VAN08009138.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Bi	Ag	Au	Hg	Tl	Se
	Unit	ppm	ppm	ppb	ppm	ppm	ppm
	MDL	0.1	0.1	0.5	0.01	0.1	0.5
80816IM001	Rock	<0.1	<0.1	<0.5	<0.01	0.1	<0.5
WRR0801A030	Drill Core	0.3	0.2	7.9	0.01	<0.1	3.5
WRR0801A031	Drill Core	0.2	2.2	17.3	0.09	<0.1	8.0
WRR0801A032	Drill Core	1.1	3.8	200.5	0.39	<0.1	8.8

QUALITY CONTROL REPORT

VAN08009138.1

	Method Analyte Unit MDL	WGHT	3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Wgt	Au	Pt	Pd	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba
		kg	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm
		0.01	1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD FA100S	Standard		44	47.0	46.0																
STD FA100S	Standard		41	49.0	45.6																
STD OREAS76A	Standard																				
STD SO-18	Standard					58.12	14.13	7.62	3.33	6.38	3.68	2.15	0.69	0.83	0.39	0.547	48	25	1.9	99.78	502
STD SO-18	Standard					58.15	14.13	7.62	3.34	6.38	3.69	2.16	0.69	0.82	0.39	0.547	46	25	1.9	99.84	507
STD DS7 Expected																					
STD FA100S Expected			45	45	45																
STD SO-18 Expected						58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	44	25			514
STD CSC Expected																					
STD OREAS76A Expected																					
BLK	Blank																				
BLK	Blank		<1	<0.1	<0.5																
BLK	Blank		<1	<0.1	<0.5																
BLK	Blank					<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	<1	<0.1	<0.5	66.49	15.72	3.55	1.22	3.68	3.49	3.72	0.41	0.18	0.09	<0.002	<20	6	1.2	99.75	1027

Client: **White River Resources Inc.**

436 - 108 Elliot Street
Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 28, 2008

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

VAN08009138.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD FA100S	Standard																				
STD FA100S	Standard																				
STD OREAS76A	Standard																				
STD SO-18	Standard	1	26.5	7.0	17.7	9.7	21.6	28.4	15	403.8	7.2	9.6	16.2	193	14.9	289.6	31.6	11.8	26.1	3.39	13.8
STD SO-18	Standard	<1	27.3	6.9	18.0	10.0	21.8	28.9	15	410.9	7.3	9.9	16.6	197	15.3	295.9	32.0	12.1	26.4	3.41	13.9
STD DS7 Expected																					
STD FA100S Expected																					
STD SO-18 Expected			26.2	7.1	17.6	9.8	20.9	28.7	15	407.4	7.4	9.9	16.4	200	15.1	280	33	12.3	27.1	3.45	14
STD CSC Expected																					
STD OREAS76A Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	3	4.7	4.3	18.5	4.1	21.9	131.3	1	762.9	1.3	9.1	3.5	59	<0.5	140.3	16.7	31.0	60.7	6.97	26.1

QUALITY CONTROL REPORT

VAN08009138.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	
Reference Materials																						
STD CSC	Standard													2.98	4.38							
STD DS7	Standard													18.3	128.2	75.1	416	53.8	56.6	7.4	5.2	
STD DS7	Standard													17.7	113.3	72.6	395	52.2	50.7	7.1	4.9	
STD FA100S	Standard																					
STD FA100S	Standard																					
STD OREAS76A	Standard													0.15	17.90							
STD SO-18	Standard	2.89	0.87	2.91	0.50	2.94	0.60	1.78	0.28	1.74	0.26											
STD SO-18	Standard	2.94	0.88	2.91	0.51	2.96	0.60	1.82	0.29	1.78	0.27											
STD DS7 Expected														20.9	109	70.6	411	56	48.2	6.4	5.9	
STD FA100S Expected																						
STD SO-18 Expected		3	0.89	2.93	0.53	3	0.62	1.84	0.29	1.79	0.27											
STD CSC Expected														2.94	4.25							
STD OREAS76A Expected														0.16	18							
BLK	Blank													<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01											
BLK	Blank													<0.02	<0.02							
Prep Wash																						
G1	Prep Blank	4.06	1.04	3.37	0.50	2.63	0.56	1.64	0.27	1.77	0.30	0.04	<0.02	0.8	12.2	5.8	52	4.9	0.6	<0.1	<0.1	

Client: White River Resources Inc.

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 28, 2008

Page: 1 of 1 **Part** 4

QUALITY CONTROL REPORT

VAN08009138.1

Method	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Bi	Ag	Au	Hg	Tl	Se
Unit	ppm	ppm	ppb	ppm	ppm	ppm
MDL	0.1	0.1	0.5	0.01	0.1	0.5
Reference Materials						
STD CSC Standard						
STD DS7 Standard	5.4	0.8	49.6	0.19	4.0	3.8
STD DS7 Standard	5.0	0.8	44.4	0.17	3.8	3.3
STD FA100S Standard						
STD FA100S Standard						
STD OREAS76A Standard						
STD SO-18 Standard						
STD SO-18 Standard						
STD DS7 Expected	4.5	0.9	70	0.2	4.2	3.5
STD FA100S Expected						
STD SO-18 Expected						
STD CSC Expected						
STD OREAS76A Expected						
BLK Blank	<0.1	<0.1	<0.5	<0.01	<0.1	<0.5
BLK Blank						
BLK Blank						
BLK Blank						
BLK Blank						
Prep Wash						
G1 Prep Blank	<0.1	<0.1	<0.5	<0.01	0.3	<0.5

Client: **White River Resources Inc.**

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Submitted By: Ian McCutcheon
 Receiving Lab: Canada-Vancouver
 Received: August 29, 2008
 Report Date: October 16, 2008
 Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN08008800.1

CLIENT JOB INFORMATION

Project: White River
 Shipment ID:
 P.O. Number
 Number of Samples: 45

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
 DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: White River Resources Inc.
 436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4
 Canada

CC: Marcus Reston
 Dylan Morgan
 Richard Montjoie

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	45	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	45	Dry at 60C		
3BMS	45	Fire assay fusion Au Pt Pd by ICP-MS	30	Completed
4A&4B	45	Whole Rock Analysis Majors and Trace Elements	0.2	Completed

ADDITIONAL COMMENTS



CERTIFICATE OF ANALYSIS

VAN08008800.1

	Method	Analyte	Unit	MDL	3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B			
					Au	Pt	Pd	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be
					ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm
					1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1
80802CD002	Sediment				I.S.	I.S.	I.S.	39.26	13.05	7.41	1.97	2.50	1.62	1.55	0.65	0.19	0.14	0.012	48	20	31.4	99.73	299	<1
80803CD002	Sediment				I.S.	I.S.	I.S.	38.94	11.16	5.24	2.43	4.10	1.30	1.22	0.48	0.16	0.07	0.013	43	18	34.6	99.73	1609	<1
80803CD003	Sediment				2	17.5	3.0	44.26	12.60	5.85	2.47	3.93	1.69	1.35	0.58	0.17	0.08	0.017	38	21	26.7	99.72	1451	1
80803CD004	Sediment				2	<0.1	2.9	45.18	13.72	6.85	2.36	4.32	2.27	1.24	0.70	0.20	0.11	0.011	43	21	22.8	99.75	658	<1
80803CD007	Sediment				3	1.6	1.0	55.40	14.85	7.78	2.56	2.97	2.47	1.62	0.77	0.15	0.13	0.015	40	23	11.1	99.78	503	<1
80804CD004	Sediment				16	6.7	5.1	52.55	14.91	9.49	2.66	4.32	1.67	2.50	0.85	0.17	0.21	0.017	90	21	10.3	99.68	1393	1
80804CD008	Sediment				<1	<0.1	<0.5	27.38	8.27	4.04	1.50	3.98	0.94	1.32	0.38	0.23	0.11	0.008	<20	11	51.6	99.73	462	2
80805CD005	Sediment				<1	18.3	<0.5	52.00	13.68	10.02	3.75	5.09	2.60	1.26	1.17	0.18	0.40	0.070	71	21	9.5	99.72	553	<1
80807CD002	Sediment				7	0.9	<0.5	58.09	15.37	7.83	3.19	4.49	2.96	1.44	1.07	0.22	0.13	0.023	45	21	5.0	99.83	570	1
80807CD003	Sediment				<1	1.8	<0.5	57.85	15.61	7.64	2.89	3.07	2.37	2.06	0.93	0.20	0.36	0.020	56	20	6.8	99.77	506	1
80807CD004	Sediment				11	<0.1	3.6	50.24	13.94	10.88	3.08	4.36	2.39	1.37	0.96	0.25	0.73	0.028	55	21	11.5	99.74	686	<1
80808CD001	Sediment				10	<0.1	1.0	58.05	15.71	7.41	1.67	2.42	2.12	2.28	0.80	0.21	0.11	0.012	37	19	9.0	99.76	612	<1
80808CD005	Sediment				5	<0.1	1.9	54.15	15.57	7.04	1.50	2.63	1.40	1.95	0.76	0.16	0.08	0.012	47	23	14.6	99.88	355	<1
80808CD006	Sediment				2	0.1	2.6	53.37	15.51	7.07	1.44	3.14	1.47	2.03	0.75	0.17	0.08	0.011	49	23	14.8	99.83	362	<1
80810CD001	Sediment				5	3.0	1.3	52.39	13.88	7.98	5.23	5.32	2.58	1.63	0.74	0.21	0.14	0.035	74	22	9.6	99.78	449	<1
80810CD004	Sediment				5	<0.1	<0.5	52.95	14.11	8.33	3.49	5.37	2.69	1.35	0.94	0.26	0.15	0.016	43	23	10.1	99.73	454	<1
80810CD007	Sediment				I.S.	I.S.	I.S.	53.71	15.68	9.76	3.36	3.56	2.49	1.70	0.98	0.25	0.15	0.020	64	23	8.1	99.75	480	1
80810CD009	Sediment				3	0.6	<0.5	52.45	14.30	10.28	3.70	5.92	2.68	1.41	0.89	0.33	0.16	0.010	39	24	7.6	99.73	444	1
80810CD010	Sediment				11	<0.1	2.6	52.53	14.45	7.08	2.99	4.62	2.67	1.54	0.77	0.24	0.14	0.014	35	20	12.7	99.80	567	1
80810CD011	Sediment				I.S.	I.S.	I.S.	54.19	14.59	9.23	3.90	5.73	2.95	1.43	0.87	0.26	0.15	0.020	53	24	6.4	99.71	439	1
80810CD012	Sediment				I.S.	I.S.	I.S.	46.28	12.66	6.15	2.70	4.19	2.41	1.32	0.72	0.24	0.11	0.018	49	18	23.0	99.77	470	1
80804CD001	Sediment				<1	0.9	<0.5	54.13	18.21	8.53	1.93	2.53	2.06	2.46	0.84	0.12	0.10	0.009	37	23	8.9	99.85	449	<1
80803CD006	Sediment				2	<0.1	0.9	45.16	12.88	5.52	2.04	4.40	2.31	1.29	0.69	0.15	0.11	0.014	44	17	25.3	99.82	447	<1
80818CD001	Sediment				I.S.	I.S.	I.S.	51.20	14.70	6.72	3.31	4.90	2.94	1.59	0.79	0.19	0.13	0.015	67	19	13.3	99.78	580	1
80818CD002	Sediment				10	3.3	3.8	49.24	15.85	10.71	4.50	6.93	2.64	1.37	0.78	0.25	0.18	0.018	64	28	7.3	99.74	485	1
80818CD003	Sediment				5	<0.1	3.4	51.73	15.56	9.62	3.94	5.04	2.34	1.76	0.83	0.23	0.19	0.021	67	27	8.5	99.83	542	1
80818CD004	Sediment				8	2.5	6.2	50.93	16.46	9.20	2.89	4.18	2.27	1.93	0.91	0.22	0.15	0.017	61	26	10.6	99.78	538	1
80818CD005	Sediment				I.S.	I.S.	I.S.	48.18	15.81	9.04	2.79	3.49	2.25	1.99	0.91	0.27	0.16	0.017	59	25	14.9	99.84	560	1
80818CD006	Sediment				6	<0.1	1.7	49.82	14.42	7.56	3.64	5.20	2.59	1.43	0.83	0.17	0.13	0.023	60	22	13.9	99.77	471	1
80818CD007	Sediment				1	<0.1	2.5	48.00	14.10	13.55	7.19	8.22	2.31	1.02	0.96	0.22	0.18	0.064	97	32	3.9	99.73	286	<1

CERTIFICATE OF ANALYSIS

VAN08008800.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm
		ppm 0.2	ppm 0.1	ppm 0.5	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.5	ppm 0.1	ppm 0.2	ppm 0.1	ppm 8	ppm 0.5	ppm 0.1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 0.02	ppm 0.3	ppm 0.05
80802CD002	Sediment	20.4	1.9	14.0	1.9	3.3	35.7	1	173.6	0.2	2.3	1.2	171	1.1	63.8	20.8	10.4	22.0	3.04	12.8	3.12
80803CD002	Sediment	13.6	2.0	12.7	2.6	3.7	24.0	3	299.4	0.2	2.3	1.3	97	<0.5	83.7	31.6	16.3	27.1	4.58	21.3	4.57
80803CD003	Sediment	16.7	2.1	14.3	2.7	4.9	29.4	3	325.3	0.2	2.4	1.4	126	<0.5	106.7	32.0	18.2	31.5	4.83	19.2	4.63
80803CD004	Sediment	19.6	3.4	16.0	3.3	5.5	34.3	1	388.2	0.4	2.6	1.5	156	1.3	115.7	24.9	15.5	27.9	4.25	18.5	4.05
80803CD007	Sediment	21.6	2.0	14.1	3.3	5.2	37.9	1	266.9	0.3	2.9	1.4	183	0.6	117.6	23.8	13.7	26.7	3.73	15.5	3.51
80804CD004	Sediment	29.3	2.4	16.0	3.5	8.6	57.3	1	278.8	0.5	4.3	2.2	181	1.0	126.5	26.9	19.8	39.4	5.09	21.3	4.73
80804CD008	Sediment	11.6	1.2	7.7	1.9	6.4	29.8	<1	217.6	0.2	3.4	1.7	109	1.4	71.4	15.6	10.7	20.4	2.54	11.4	2.45
80805CD005	Sediment	25.0	1.1	15.5	5.0	9.0	33.1	1	409.5	0.4	3.7	2.0	254	0.6	203.7	19.9	16.7	32.9	4.22	18.0	3.67
80807CD002	Sediment	20.9	1.3	15.9	4.1	8.9	36.4	1	436.7	0.6	4.6	1.8	177	0.7	172.3	20.7	19.4	38.9	5.05	20.5	4.11
80807CD003	Sediment	19.9	1.6	15.8	3.8	7.2	49.1	<1	321.8	0.5	3.2	1.8	180	0.6	147.4	17.8	14.5	28.9	3.82	15.8	3.25
80807CD004	Sediment	25.3	1.7	16.5	3.6	7.5	37.2	1	400.8	0.6	4.1	1.9	228	0.7	127.4	20.8	16.0	33.2	4.38	18.4	3.74
80808CD001	Sediment	17.8	2.9	16.8	3.0	5.8	54.6	<1	289.9	0.3	3.7	2.3	157	0.6	112.3	20.8	17.4	32.6	4.39	17.8	3.68
80808CD005	Sediment	17.6	2.9	14.8	2.7	3.8	42.6	1	207.3	0.3	2.4	2.9	150	0.8	97.3	25.3	14.7	24.2	3.97	16.4	3.57
80808CD006	Sediment	17.0	2.8	14.6	2.8	3.7	42.6	1	210.4	0.3	2.6	2.7	145	1.1	89.1	23.5	13.9	23.3	3.67	15.8	3.35
80810CD001	Sediment	26.7	1.8	16.1	3.9	5.7	37.4	<1	414.1	0.4	4.1	1.9	165	0.7	122.7	18.2	15.9	32.5	4.34	17.6	3.54
80810CD004	Sediment	21.1	1.6	15.4	4.8	7.1	33.6	1	413.1	0.5	4.0	1.9	189	1.5	164.0	23.0	16.3	36.1	4.86	20.0	4.28
80810CD007	Sediment	25.3	1.2	16.9	3.4	6.4	42.3	<1	371.6	0.4	4.0	1.5	214	0.6	127.8	22.4	19.0	36.7	4.80	20.1	4.30
80810CD009	Sediment	24.0	1.9	16.4	7.2	6.3	36.4	<1	412.6	0.4	3.7	1.8	255	<0.5	283.3	26.4	17.2	38.1	5.22	23.9	4.78
80810CD010	Sediment	22.2	1.5	15.6	3.8	6.2	38.4	<1	408.6	0.4	4.0	1.7	162	0.5	133.5	22.2	17.4	33.0	4.55	18.3	4.03
80810CD011	Sediment	23.4	1.3	16.5	5.0	6.7	33.7	1	456.5	0.5	3.6	1.7	216	0.6	208.0	25.4	17.8	37.9	5.16	21.9	4.63
80810CD012	Sediment	17.2	1.3	13.6	4.9	6.8	33.8	<1	331.9	0.4	3.9	2.1	134	1.1	194.1	23.2	18.9	35.8	4.97	20.1	4.14
80804CD001	Sediment	16.9	1.8	16.8	2.5	4.2	52.6	1	267.4	0.3	2.2	2.1	184	0.6	94.8	17.7	11.5	20.9	2.99	12.5	2.82
80803CD006	Sediment	16.3	1.6	14.4	3.3	5.7	32.6	<1	328.9	0.3	2.8	1.4	128	0.5	108.0	17.9	12.8	23.0	3.30	13.1	3.02
80818CD001	Sediment	21.5	1.1	15.6	3.2	7.0	36.4	<1	362.6	0.5	2.9	1.5	169	0.7	117.3	16.2	13.9	28.8	3.19	16.0	3.15
80818CD002	Sediment	33.3	0.9	17.1	3.0	4.0	24.9	<1	390.1	0.2	1.8	1.0	237	1.5	103.5	21.8	11.3	24.6	2.93	16.1	3.54
80818CD003	Sediment	32.0	1.2	16.6	2.7	4.8	37.6	<1	317.6	0.3	2.6	1.4	210	0.6	94.0	26.4	15.2	31.3	3.91	21.2	4.56
80818CD004	Sediment	28.1	1.3	16.7	3.0	5.2	44.1	<1	284.1	0.3	2.3	1.1	209	0.6	99.2	22.1	13.1	28.0	3.46	18.1	3.96
80818CD005	Sediment	26.4	1.6	16.2	3.4	6.5	45.4	1	303.3	0.4	3.0	1.4	194	0.7	110.6	25.0	16.8	35.2	4.34	23.4	4.74
80818CD006	Sediment	21.2	1.1	14.5	4.1	5.9	33.3	1	340.7	0.5	2.2	1.3	176	0.7	141.6	18.3	13.1	27.2	3.15	15.9	3.31
80818CD007	Sediment	37.2	0.9	16.6	3.9	4.7	20.5	<1	389.0	0.3	2.9	1.3	383	<0.5	126.8	23.2	14.2	31.0	3.83	20.9	4.41

CERTIFICATE OF ANALYSIS

VAN08008800.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B 2A	Leco 2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
80802CD002	Sediment	1.11	3.23	0.59	3.64	0.66	1.89	0.30	1.73	0.28	10.20	0.28	1.5	71.8	7.8	200	33.9	22.7	0.7	1.0	0.1
80803CD002	Sediment	1.17	4.64	0.82	4.69	0.98	2.90	0.42	2.66	0.39	15.23	0.26	1.3	144.2	2.8	51	28.4	8.9	0.2	1.2	0.2
80803CD003	Sediment	1.22	4.80	0.83	5.03	0.98	3.02	0.44	2.76	0.40	10.02	0.15	1.3	148.7	3.5	55	31.5	10.4	0.1	1.2	0.2
80803CD004	Sediment	1.30	4.31	0.69	4.17	0.86	2.35	0.36	2.43	0.34	9.11	0.13	0.5	105.8	3.8	89	19.8	8.2	0.2	0.8	<0.1
80803CD007	Sediment	1.05	3.64	0.66	3.69	0.77	2.36	0.36	2.34	0.37	3.05	0.09	0.9	69.6	4.3	84	32.8	14.5	0.2	1.1	<0.1
80804CD004	Sediment	1.28	4.58	0.77	4.43	0.92	2.59	0.41	2.70	0.40	2.83	0.20	3.4	150.4	27.8	205	69.8	35.7	0.6	2.3	0.2
80804CD008	Sediment	0.67	2.37	0.44	2.44	0.47	1.50	0.22	1.25	0.23	23.81	0.26	1.1	41.4	8.1	166	22.8	17.5	0.8	0.7	<0.1
80805CD005	Sediment	1.09	3.56	0.57	3.37	0.71	2.05	0.30	1.92	0.32	3.30	0.09	0.6	40.8	4.9	73	48.3	6.2	0.2	0.3	<0.1
80807CD002	Sediment	1.14	3.91	0.63	3.34	0.73	2.06	0.32	2.16	0.33	0.86	0.04	0.8	29.1	5.1	61	26.7	7.4	0.1	0.3	<0.1
80807CD003	Sediment	0.95	3.14	0.51	2.88	0.62	1.94	0.29	2.02	0.29	1.71	0.13	0.6	24.8	4.9	87	33.4	7.2	0.1	0.3	<0.1
80807CD004	Sediment	1.12	3.66	0.63	3.47	0.69	2.02	0.33	2.02	0.30	3.28	0.10	1.1	36.5	7.0	87	37.3	11.4	0.2	0.3	<0.1
80808CD001	Sediment	1.10	3.46	0.56	3.27	0.67	2.05	0.31	1.99	0.32	2.37	0.15	3.0	50.2	15.1	136	27.7	28.2	1.0	2.7	0.1
80808CD005	Sediment	1.09	3.79	0.65	3.83	0.78	2.43	0.38	2.34	0.38	4.86	0.22	2.4	62.8	12.0	125	42.2	36.2	0.5	2.2	0.1
80808CD006	Sediment	1.00	3.41	0.60	3.51	0.74	2.24	0.34	2.16	0.35	5.11	0.24	2.6	62.3	12.6	119	40.6	37.0	0.6	2.0	0.1
80810CD001	Sediment	1.01	3.34	0.55	3.06	0.65	1.80	0.30	1.77	0.29	2.70	0.07	3.7	110.2	3.4	44	42.1	5.5	0.2	0.2	0.2
80810CD004	Sediment	1.10	4.16	0.67	3.76	0.80	2.23	0.37	2.22	0.36	3.15	0.07	1.2	52.1	4.0	57	19.0	4.6	0.1	0.2	0.1
80810CD007	Sediment	1.34	4.16	0.65	3.79	0.75	2.02	0.33	2.09	0.34	2.12	0.07	1.1	66.8	6.3	78	35.1	9.7	0.2	0.8	<0.1
80810CD009	Sediment	1.13	4.76	0.77	4.52	0.91	2.70	0.42	2.73	0.45	1.85	0.04	1.1	57.1	3.8	62	17.6	5.2	0.1	0.3	<0.1
80810CD010	Sediment	1.15	3.90	0.60	3.58	0.74	2.03	0.33	2.10	0.32	4.41	0.07	0.9	90.2	5.2	66	28.2	5.6	0.2	0.4	0.1
80810CD011	Sediment	1.10	4.65	0.72	4.51	0.92	2.65	0.40	2.56	0.42	1.65	0.04	0.9	34.0	3.3	51	26.4	3.8	<0.1	0.2	<0.1
80810CD012	Sediment	1.16	4.11	0.66	3.84	0.77	2.23	0.36	2.25	0.38	9.64	0.08	1.0	46.3	4.2	58	26.4	3.7	0.3	0.7	<0.1
80804CD001	Sediment	0.95	2.96	0.48	2.97	0.60	1.68	0.28	1.74	0.30	2.13	0.31	1.7	49.7	9.5	106	20.9	19.5	0.3	0.6	<0.1
80803CD006	Sediment	1.02	3.13	0.50	2.95	0.60	1.66	0.26	1.66	0.27	10.35	0.16	0.7	47.4	5.1	76	24.9	9.1	0.3	0.7	<0.1
80818CD001	Sediment	0.94	2.91	0.41	2.73	0.54	1.70	0.26	1.66	0.26	4.72	0.08	0.6	54.5	3.9	73	31.0	4.6	0.2	0.5	<0.1
80818CD002	Sediment	1.23	3.75	0.53	3.50	0.77	2.26	0.35	2.21	0.33	1.42	0.09	0.7	187.3	2.3	71	39.2	6.3	0.2	0.3	<0.1
80818CD003	Sediment	1.40	4.55	0.64	4.21	0.90	2.65	0.40	2.51	0.37	1.95	0.09	1.0	113.0	6.5	86	45.5	12.0	0.3	0.7	<0.1
80818CD004	Sediment	1.29	3.93	0.57	3.71	0.80	2.26	0.35	2.26	0.34	2.72	0.08	1.1	92.6	6.1	86	40.2	28.9	0.2	1.3	<0.1
80818CD005	Sediment	1.52	4.61	0.65	4.18	0.86	2.54	0.40	2.40	0.36	4.37	0.09	1.2	95.7	8.4	90	46.0	27.1	0.3	1.4	<0.1
80818CD006	Sediment	1.05	3.30	0.46	3.01	0.63	1.91	0.28	1.92	0.29	5.00	0.05	0.5	61.0	3.2	58	33.0	4.9	0.1	0.3	<0.1
80818CD007	Sediment	1.19	4.20	0.58	3.99	0.78	2.41	0.36	2.46	0.35	0.58	0.07	0.7	87.4	2.2	38	46.1	3.9	<0.1	0.1	<0.1

Client: White River Resources Inc.

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 16, 2008

Page: 2 of 3 **Part** 4

CERTIFICATE OF ANALYSIS

VAN08008800.1

		Method	1DX	1DX	1DX	1DX	1DX
		Analyte	Ag	Au	Hg	Tl	Se
		Unit	ppm	ppb	ppm	ppm	ppm
		MDL	0.1	0.5	0.01	0.1	0.5
80802CD002	Sediment		0.2	2.3	0.04	<0.1	2.1
80803CD002	Sediment		<0.1	41.1	0.21	<0.1	2.2
80803CD003	Sediment		<0.1	6.1	0.16	<0.1	2.3
80803CD004	Sediment		0.1	1.8	0.13	<0.1	1.3
80803CD007	Sediment		<0.1	<0.5	0.06	<0.1	1.6
80804CD004	Sediment		0.4	96.0	0.09	<0.1	1.1
80804CD008	Sediment		0.1	4.6	0.09	<0.1	0.6
80805CD005	Sediment		<0.1	3.9	0.02	<0.1	1.0
80807CD002	Sediment		<0.1	1.4	0.01	<0.1	<0.5
80807CD003	Sediment		<0.1	1.6	0.03	<0.1	0.6
80807CD004	Sediment		0.5	4.8	0.03	<0.1	1.3
80808CD001	Sediment		0.1	45.8	0.12	<0.1	1.3
80808CD005	Sediment		0.2	0.9	0.13	<0.1	2.8
80808CD006	Sediment		0.2	1.0	0.17	<0.1	2.8
80810CD001	Sediment		<0.1	5.1	0.03	<0.1	1.0
80810CD004	Sediment		<0.1	0.9	0.03	<0.1	0.8
80810CD007	Sediment		<0.1	1.5	0.03	<0.1	<0.5
80810CD009	Sediment		<0.1	2.7	0.04	<0.1	0.6
80810CD010	Sediment		<0.1	<0.5	0.04	<0.1	1.0
80810CD011	Sediment		<0.1	<0.5	0.07	<0.1	<0.5
80810CD012	Sediment		<0.1	1.8	1.87	<0.1	0.6
80804CD001	Sediment		0.1	1.1	0.01	<0.1	0.7
80803CD006	Sediment		<0.1	2.1	0.07	<0.1	1.3
80818CD001	Sediment		<0.1	23.0	0.03	<0.1	0.9
80818CD002	Sediment		<0.1	2.7	0.03	<0.1	0.7
80818CD003	Sediment		0.1	23.1	0.04	<0.1	0.7
80818CD004	Sediment		<0.1	<0.5	0.04	<0.1	0.8
80818CD005	Sediment		<0.1	4.0	0.06	<0.1	0.6
80818CD006	Sediment		<0.1	2.0	0.02	<0.1	<0.5
80818CD007	Sediment		<0.1	1.2	0.05	<0.1	0.6

Client: **White River Resources Inc.**

436 - 108 Elliot Street
Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 16, 2008

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

VAN08008800.1

	Method Analyte Unit MDL	3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Au	Pt	Pd	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be
		ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm
		1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1
80818CD008	Sediment	4	3.3	2.0	50.13	15.66	8.61	2.75	3.83	2.15	1.93	0.80	0.24	0.16	0.016	51	22	13.5	99.74	753	1
80818CD009	Sediment	6	1.8	2.3	44.70	12.57	18.54	6.38	6.88	2.08	0.94	1.13	0.21	0.18	0.093	100	28	6.0	99.68	283	<1
80818CD010	Sediment	<1	4.6	2.2	48.51	16.04	10.28	3.15	5.86	2.26	1.84	0.93	0.24	0.15	0.021	61	27	10.5	99.82	497	<1
80819CD001	Sediment	3	<0.1	2.0	50.07	18.10	10.26	3.46	3.88	1.69	1.68	1.06	0.15	0.13	0.016	53	32	9.3	99.76	668	<1
80819CD002	Sediment	3	<0.1	2.9	49.72	13.55	15.01	6.37	6.99	2.29	1.32	0.95	0.22	0.18	0.098	97	29	3.0	99.72	346	<1
80819CD003	Sediment	<1	2.1	1.5	59.86	14.79	7.17	3.29	4.93	3.49	1.71	0.49	0.14	0.10	0.029	55	14	3.8	99.79	522	1
80819CD004	Sediment	3	8.0	5.1	55.19	14.26	7.22	3.69	6.29	2.77	1.57	0.94	0.19	0.12	0.040	67	21	7.5	99.78	543	<1
80819CD005	Sediment	2	3.0	3.1	54.87	14.57	7.73	4.06	4.95	2.88	1.46	0.98	0.16	0.12	0.066	89	22	8.0	99.86	512	<1
80819CD006	Sediment	4	5.0	4.5	47.42	13.80	11.03	5.02	6.43	2.47	1.24	0.83	0.20	0.13	0.049	62	27	11.1	99.74	389	<1
80819CD007	Sediment	3	7.0	4.2	54.02	14.09	7.94	4.13	5.17	2.87	1.38	1.05	0.17	0.13	0.076	86	23	8.8	99.80	493	<1
80820CD001	Sediment	5	9.0	4.6	51.70	14.73	10.44	6.01	7.40	2.74	1.19	0.87	0.25	0.18	0.030	65	28	4.3	99.79	369	<1
80820CD002	Sediment	4	5.0	1.8	48.72	13.14	10.28	4.24	5.48	2.62	1.53	0.76	0.21	0.14	0.042	73	22	12.6	99.77	444	<1
80820CD003	Sediment	1	5.0	4.7	53.50	14.67	10.16	4.78	6.55	3.16	1.26	0.89	0.20	0.15	0.032	56	25	4.5	99.82	403	<1
80820CD004	Sediment	14	11.0	12.0	52.02	13.38	13.15	4.29	6.75	2.69	1.29	1.84	0.26	0.16	0.068	65	25	3.8	99.69	420	<1
80820CD005	Sediment	4	4.9	3.4	51.31	14.81	8.14	4.17	6.41	2.61	1.43	0.79	0.20	0.13	0.025	77	23	9.7	99.73	427	<1

CERTIFICATE OF ANALYSIS

VAN08008800.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05
80818CD008	Sediment	24.9	1.3	16.3	2.9	5.4	46.3	<1	364.8	0.3	2.7	1.4	183	0.8	95.2	24.9	15.6	31.2	4.00	20.7	4.52
80818CD009	Sediment	36.7	0.9	17.9	6.4	6.1	21.1	1	339.9	0.2	3.0	1.9	602	<0.5	254.5	22.1	16.9	32.3	3.67	17.6	4.00
80818CD010	Sediment	29.0	1.2	16.7	3.3	5.0	41.7	<1	324.8	<0.1	2.5	0.7	263	0.8	117.9	22.5	13.5	29.0	3.26	17.9	4.08
80819CD001	Sediment	29.9	1.6	17.8	2.1	4.0	38.4	<1	263.7	<0.1	1.7	1.1	273	0.5	72.4	21.2	11.4	24.3	2.73	15.2	3.58
80819CD002	Sediment	32.8	0.8	18.2	5.6	6.1	27.0	1	294.3	0.3	2.7	0.9	421	<0.5	192.4	21.1	13.4	27.8	3.10	16.8	3.57
80819CD003	Sediment	17.9	0.8	17.5	4.5	5.7	35.6	<1	377.5	0.3	2.8	1.1	168	<0.5	158.3	12.6	12.8	24.4	2.41	11.8	2.16
80819CD004	Sediment	21.8	1.2	15.1	3.8	8.3	38.2	1	353.6	0.4	2.9	1.3	184	1.0	142.1	20.5	14.2	30.6	3.35	17.8	3.69
80819CD005	Sediment	22.3	1.0	15.1	3.8	8.2	36.1	1	336.9	0.4	3.4	1.6	191	0.6	158.8	19.0	13.0	28.0	3.04	16.0	3.24
80819CD006	Sediment	25.9	0.8	15.1	3.4	5.3	26.6	<1	360.3	0.2	3.3	1.5	306	0.5	108.6	20.2	18.4	36.2	3.84	18.8	3.86
80819CD007	Sediment	23.9	1.0	14.4	4.3	8.7	32.4	<1	316.2	0.5	3.0	1.4	201	0.6	150.7	20.7	16.4	34.5	3.62	18.6	3.93
80820CD001	Sediment	27.9	0.8	16.8	5.9	6.0	24.8	<1	407.2	0.2	2.2	1.0	251	<0.5	194.5	23.9	13.7	32.1	3.76	20.3	4.70
80820CD002	Sediment	24.6	0.7	15.5	6.5	6.9	35.6	<1	366.3	0.4	3.1	1.5	258	0.7	246.2	21.9	15.0	30.5	3.58	18.4	4.09
80820CD003	Sediment	24.2	0.7	16.0	5.3	6.3	26.2	<1	421.1	0.2	2.0	1.1	255	<0.5	192.4	19.9	12.9	28.3	3.28	18.0	3.95
80820CD004	Sediment	25.3	0.8	16.1	12.7	14.3	28.4	1	378.4	0.7	4.0	2.0	352	0.8	547.0	24.0	17.7	38.1	4.22	21.6	4.43
80820CD005	Sediment	24.3	1.0	15.6	2.7	5.3	31.4	<1	429.1	0.2	2.1	1.4	184	0.6	102.9	17.4	13.2	27.3	2.95	16.1	3.32

Client: **White River Resources Inc.**

436 - 108 Elliot Street
Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 16, 2008

Page: 3 of 3 Part 3

CERTIFICATE OF ANALYSIS

VAN08008800.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
80818CD008	Sediment	1.39	4.59	0.64	4.06	0.87	2.62	0.39	2.44	0.36	4.57	0.08	1.5	135.7	9.7	113	34.6	23.1	0.3	1.0	0.1
80818CD009	Sediment	1.08	4.03	0.54	3.47	0.76	2.25	0.34	2.30	0.35	1.65	0.09	0.8	55.9	3.1	44	40.6	4.8	0.1	0.2	<0.1
80818CD010	Sediment	1.30	3.95	0.57	3.72	0.78	2.28	0.35	2.28	0.34	2.29	0.09	0.7	93.5	5.3	75	28.2	12.8	0.2	0.6	<0.1
80819CD001	Sediment	1.07	3.55	0.52	3.41	0.75	2.25	0.34	2.21	0.33	1.79	0.22	2.1	109.8	5.9	86	39.8	13.7	0.3	0.9	<0.1
80819CD002	Sediment	0.95	3.72	0.52	3.35	0.74	2.23	0.36	2.29	0.37	0.27	0.08	0.5	60.9	2.0	41	34.2	6.3	<0.1	<0.1	<0.1
80819CD003	Sediment	0.62	2.10	0.29	2.00	0.43	1.22	0.22	1.34	0.22	0.24	0.05	0.2	31.8	1.8	34	23.2	1.6	<0.1	<0.1	<0.1
80819CD004	Sediment	1.17	3.76	0.53	3.64	0.74	2.13	0.34	2.22	0.33	1.83	0.05	1.0	48.1	6.9	63	44.9	8.8	0.2	0.4	<0.1
80819CD005	Sediment	1.08	3.20	0.48	3.18	0.67	1.96	0.31	2.03	0.31	2.39	0.05	0.7	44.0	5.0	63	58.1	7.7	0.2	0.4	<0.1
80819CD006	Sediment	1.07	3.75	0.52	3.62	0.73	2.21	0.34	2.08	0.32	4.11	0.10	0.6	96.5	2.9	43	34.7	4.1	<0.1	0.3	<0.1
80819CD007	Sediment	1.13	3.72	0.54	3.65	0.76	2.18	0.35	2.15	0.33	2.39	0.09	0.7	47.2	4.8	66	61.1	6.5	0.2	0.4	<0.1
80820CD001	Sediment	1.26	4.54	0.62	4.18	0.88	2.66	0.41	2.57	0.41	0.63	0.04	0.4	39.8	2.2	39	22.4	3.3	0.1	0.2	<0.1
80820CD002	Sediment	1.09	4.04	0.56	3.93	0.78	2.38	0.38	2.47	0.38	4.60	0.12	0.7	47.4	2.9	44	30.5	3.2	0.2	0.2	<0.1
80820CD003	Sediment	1.11	3.86	0.54	3.58	0.73	2.18	0.35	2.26	0.34	1.05	0.08	0.5	32.7	1.9	36	21.7	3.3	<0.1	0.1	<0.1
80820CD004	Sediment	1.25	4.35	0.60	4.25	0.91	2.60	0.44	2.81	0.45	0.68	0.06	0.5	28.2	3.4	50	31.7	6.7	0.1	0.2	<0.1
80820CD005	Sediment	1.02	3.39	0.47	3.20	0.64	1.83	0.26	1.85	0.28	2.62	0.14	0.8	58.5	3.4	59	34.7	7.5	0.2	0.4	<0.1

Client: White River Resources Inc.

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 16, 2008

Page: 3 of 3 **Part** 4

CERTIFICATE OF ANALYSIS

VAN08008800.1

	Method	1DX	1DX	1DX	1DX	1DX
	Analyte	Ag	Au	Hg	Tl	Se
	Unit	ppm	ppb	ppm	ppm	ppm
	MDL	0.1	0.5	0.01	0.1	0.5
80818CD008	Sediment	<0.1	4.7	0.37	<0.1	0.9
80818CD009	Sediment	<0.1	1.1	0.01	<0.1	0.8
80818CD010	Sediment	<0.1	1.1	0.03	<0.1	<0.5
80819CD001	Sediment	<0.1	<0.5	0.03	<0.1	0.8
80819CD002	Sediment	<0.1	0.7	0.17	<0.1	<0.5
80819CD003	Sediment	<0.1	0.8	0.01	<0.1	<0.5
80819CD004	Sediment	<0.1	0.9	<0.01	<0.1	<0.5
80819CD005	Sediment	<0.1	<0.5	0.02	<0.1	0.5
80819CD006	Sediment	<0.1	1.3	0.05	<0.1	0.8
80819CD007	Sediment	<0.1	1.1	0.02	<0.1	0.6
80820CD001	Sediment	<0.1	<0.5	0.01	<0.1	<0.5
80820CD002	Sediment	<0.1	12.2	0.03	<0.1	0.9
80820CD003	Sediment	<0.1	2.6	<0.01	<0.1	<0.5
80820CD004	Sediment	<0.1	3.1	0.01	<0.1	<0.5
80820CD005	Sediment	<0.1	3.0	0.06	<0.1	0.9

QUALITY CONTROL REPORT

VAN08008800.1

Method Analyte Unit MDL		3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Au	Pt	Pd	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be
		ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm
		1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1
Pulp Duplicates																					
80802CD002	Sediment	I.S.	I.S.	I.S.	39.26	13.05	7.41	1.97	2.50	1.62	1.55	0.65	0.19	0.14	0.012	48	20	31.4	99.73	299	<1
REP 80802CD002	QC	I.S.	I.S.	I.S.																	
80807CD004	Sediment	11	<0.1	3.6	50.24	13.94	10.88	3.08	4.36	2.39	1.37	0.96	0.25	0.73	0.028	55	21	11.5	99.74	686	<1
REP 80807CD004	QC																				
80819CD001	Sediment	3	<0.1	2.0	50.07	18.10	10.26	3.46	3.88	1.69	1.68	1.06	0.15	0.13	0.016	53	32	9.3	99.76	668	<1
REP 80819CD001	QC				50.01	18.02	10.26	3.48	3.95	1.73	1.67	1.07	0.15	0.13	0.018	68	33	9.3	99.76	640	<1
80819CD002	Sediment	3	<0.1	2.9	49.72	13.55	15.01	6.37	6.99	2.29	1.32	0.95	0.22	0.18	0.098	97	29	3.0	99.72	346	<1
REP 80819CD002	QC																				
80819CD005	Sediment	2	3.0	3.1	54.87	14.57	7.73	4.06	4.95	2.88	1.46	0.98	0.16	0.12	0.066	89	22	8.0	99.86	512	<1
REP 80819CD005	QC	3	4.7	4.0																	
Reference Materials																					
STD CSC	Standard																				
STD CSC	Standard																				
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD FA100S	Standard	46	47.0	47.0																	
STD FA100S	Standard	48	48.0	47.2																	
STD FA100S	Standard	46	46.2	46.2																	
STD OREAS76A	Standard																				
STD OREAS76A	Standard																				
STD OREAS76A	Standard																				
STD SO-18	Standard				58.10	14.12	7.61	3.33	6.39	3.70	2.14	0.69	0.82	0.39	0.544	50	24	1.9	99.73	500	1
STD SO-18	Standard				58.09	14.11	7.62	3.33	6.39	3.69	2.15	0.69	0.82	0.39	0.547	47	25	1.9	99.72	498	<1

QUALITY CONTROL REPORT

VAN08008800.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05
Pulp Duplicates																					
80802CD002	Sediment	20.4	1.9	14.0	1.9	3.3	35.7	1	173.6	0.2	2.3	1.2	171	1.1	63.8	20.8	10.4	22.0	3.04	12.8	3.12
REP 80802CD002	QC																				
80807CD004	Sediment	25.3	1.7	16.5	3.6	7.5	37.2	1	400.8	0.6	4.1	1.9	228	0.7	127.4	20.8	16.0	33.2	4.38	18.4	3.74
REP 80807CD004	QC																				
80819CD001	Sediment	29.9	1.6	17.8	2.1	4.0	38.4	<1	263.7	<0.1	1.7	1.1	273	0.5	72.4	21.2	11.4	24.3	2.73	15.2	3.58
REP 80819CD001	QC	31.0	1.9	17.7	2.4	4.5	38.5	1	274.2	0.1	2.2	1.1	281	0.6	74.7	22.0	13.4	27.5	3.04	15.8	3.59
80819CD002	Sediment	32.8	0.8	18.2	5.6	6.1	27.0	1	294.3	0.3	2.7	0.9	421	<0.5	192.4	21.1	13.4	27.8	3.10	16.8	3.57
REP 80819CD002	QC																				
80819CD005	Sediment	22.3	1.0	15.1	3.8	8.2	36.1	1	336.9	0.4	3.4	1.6	191	0.6	158.8	19.0	13.0	28.0	3.04	16.0	3.24
REP 80819CD005	QC																				
Reference Materials																					
STD CSC	Standard																				
STD CSC	Standard																				
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD FA100S	Standard																				
STD FA100S	Standard																				
STD FA100S	Standard																				
STD OREAS76A	Standard																				
STD OREAS76A	Standard																				
STD OREAS76A	Standard																				
STD SO-18	Standard	26.4	6.7	17.2	9.6	20.9	27.8	15	400.7	7.1	9.9	15.8	200	14.7	282.5	30.9	11.8	26.1	2.68	13.7	2.81
STD SO-18	Standard	26.2	6.7	17.2	9.4	20.7	27.7	15	395.2	7.1	9.9	15.8	198	14.6	279.0	26.7	11.8	25.9	2.61	13.7	2.69

QUALITY CONTROL REPORT

VAN08008800.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S			Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02			0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
Pulp Duplicates																							
80802CD002	Sediment	1.11	3.23	0.59	3.64	0.66	1.89	0.30	1.73	0.28	10.20	0.28			1.5	71.8	7.8	200	33.9	22.7	0.7	1.0	0.1
REP 80802CD002	QC																						
80807CD004	Sediment	1.12	3.66	0.63	3.47	0.69	2.02	0.33	2.02	0.30	3.28	0.10			1.1	36.5	7.0	87	37.3	11.4	0.2	0.3	<0.1
REP 80807CD004	QC										3.23	0.09											
80819CD001	Sediment	1.07	3.55	0.52	3.41	0.75	2.25	0.34	2.21	0.33	1.79	0.22			2.1	109.8	5.9	86	39.8	13.7	0.3	0.9	<0.1
REP 80819CD001	QC	1.14	3.86	0.55	3.78	0.75	2.26	0.35	2.31	0.33													
80819CD002	Sediment	0.95	3.72	0.52	3.35	0.74	2.23	0.36	2.29	0.37	0.27	0.08			0.5	60.9	2.0	41	34.2	6.3	<0.1	<0.1	<0.1
REP 80819CD002	QC														0.6	54.4	2.0	39	35.4	4.7	<0.1	<0.1	<0.1
80819CD005	Sediment	1.08	3.20	0.48	3.18	0.67	1.96	0.31	2.03	0.31	2.39	0.05			0.7	44.0	5.0	63	58.1	7.7	0.2	0.4	<0.1
REP 80819CD005	QC																						
Reference Materials																							
STD CSC	Standard										2.91	4.57											
STD CSC	Standard										2.83	4.50											
STD CSC	Standard										3.04	4.21											
STD DS7	Standard														20.0	112.2	68.8	412	57.9	53.1	6.0	5.6	4.4
STD DS7	Standard														20.5	108.8	70.2	398	57.8	47.8	6.1	5.7	4.4
STD DS7	Standard														21.1	103.2	67.2	389	54.9	50.9	6.0	4.7	4.2
STD DS7	Standard														20.7	116.2	71.6	412	56.9	50.1	6.0	5.0	4.4
STD DS7	Standard														20.4	97.5	66.6	384	51.8	51.3	6.4	4.7	4.5
STD DS7	Standard														19.8	104.0	67.5	386	52.1	51.6	6.5	4.9	4.5
STD FA100S	Standard																						
STD FA100S	Standard																						
STD FA100S	Standard																						
STD OREAS76A	Standard										0.14	17.46											
STD OREAS76A	Standard										0.14	17.16											
STD OREAS76A	Standard										0.18	17.73											
STD SO-18	Standard	0.83	2.81	0.40	2.90	0.59	1.73	0.27	1.71	0.26													
STD SO-18	Standard	0.83	2.79	0.41	2.84	0.59	1.61	0.27	1.71	0.26													

Client: White River Resources Inc.

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 16, 2008

Page: 1 of 2 **Part** 4

QUALITY CONTROL REPORT

VAN08008800.1

Method	1DX	1DX	1DX	1DX	1DX
Analyte	Ag	Au	Hg	Tl	Se
Unit	ppm	ppb	ppm	ppm	ppm
MDL	0.1	0.5	0.01	0.1	0.5
Pulp Duplicates					
80802CD002 Sediment	0.2	2.3	0.04	<0.1	2.1
REP 80802CD002 QC					
80807CD004 Sediment	0.5	4.8	0.03	<0.1	1.3
REP 80807CD004 QC					
80819CD001 Sediment	<0.1	<0.5	0.03	<0.1	0.8
REP 80819CD001 QC					
80819CD002 Sediment	<0.1	0.7	0.17	<0.1	<0.5
REP 80819CD002 QC	<0.1	1.2	0.03	<0.1	<0.5
80819CD005 Sediment	<0.1	<0.5	0.02	<0.1	0.5
REP 80819CD005 QC					
Reference Materials					
STD CSC Standard					
STD CSC Standard					
STD CSC Standard					
STD DS7 Standard	0.8	57.0	0.20	4.5	3.8
STD DS7 Standard	0.9	58.6	0.20	4.5	4.3
STD DS7 Standard	0.9	65.0	0.20	4.4	3.4
STD DS7 Standard	0.9	57.7	0.20	4.6	3.9
STD DS7 Standard	0.8	99.4	0.19	4.2	3.4
STD DS7 Standard	0.8	53.8	0.21	4.3	3.9
STD FA100S Standard					
STD FA100S Standard					
STD FA100S Standard					
STD OREAS76A Standard					
STD OREAS76A Standard					
STD OREAS76A Standard					
STD SO-18 Standard					
STD SO-18 Standard					

QUALITY CONTROL REPORT

VAN08008800.1

		3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Au	Pt	Pd	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be
		ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm
		1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1
STD SO-18	Standard				58.07	14.12	7.62	3.33	6.39	3.70	2.16	0.69	0.83	0.39	0.548	53	26	1.9	99.75	497	<1
STD SO-18	Standard				58.05	14.14	7.62	3.34	6.38	3.71	2.16	0.69	0.82	0.39	0.549	45	26	1.9	99.77	503	<1
STD SO-18	Standard				58.11	14.12	7.61	3.33	6.39	3.69	2.14	0.69	0.82	0.39	0.543	40	24	1.9	99.73	502	<1
STD SO-18	Standard				58.04	14.11	7.60	3.33	6.39	3.70	2.14	0.69	0.82	0.39	0.543	37	25	1.9	99.67	500	1
STD DS7 Expected																					
STD CSC Expected																					
STD OREAS76A Expected																					
STD FA100S Expected		45	45	45																	
STD SO-18 Expected					58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	44	25			514	
BLK	Blank																				
BLK	Blank																				
BLK	Blank				<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1
BLK	Blank																				
BLK	Blank				<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	I.S.	I.S.	I.S.																	
BLK	Blank	<1	<0.1	<0.5																	
BLK	Blank	<1	<0.1	<0.5																	
BLK	Blank				<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	26	<1	0.0	<0.01	<1	<1

QUALITY CONTROL REPORT

VAN08008800.1

		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05
STD SO-18	Standard	26.8	6.7	17.5	9.6	20.9	28.0	15	402.6	7.2	9.9	16.1	199	14.7	279.3	31.3	11.8	25.7	3.39	13.7	2.83
STD SO-18	Standard	26.6	6.8	17.6	9.8	21.1	28.4	15	408.3	7.0	10.1	16.2	200	14.7	283.2	31.8	11.9	25.9	3.39	13.8	2.87
STD SO-18	Standard	26.3	6.6	17.3	9.8	22.3	27.6	15	404.2	7.2	10.3	16.0	199	14.5	293.7	32.3	13.2	27.6	3.48	14.1	3.06
STD SO-18	Standard	26.7	6.7	17.4	9.9	21.3	27.9	15	401.3	7.2	9.9	15.9	195	14.8	284.1	31.9	12.0	25.8	3.40	13.8	2.85
STD DS7 Expected																					
STD CSC Expected																					
STD OREAS76A Expected																					
STD FA100S Expected																					
STD SO-18 Expected		26.2	7.1	17.6	9.8	20.9	28.7	15	407.4	7.4	9.9	16.4	200	15.1	280	33	12.3	27.1	3.45	14	3
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05
BLK	Blank																				
BLK	Blank	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	3.4	1.4	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05

QUALITY CONTROL REPORT

VAN08008800.1

		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
STD SO-18	Standard	0.85	2.87	0.50	2.92	0.61	1.74	0.27	1.72	0.27											
STD SO-18	Standard	0.87	2.91	0.50	2.92	0.60	1.77	0.28	1.75	0.26											
STD SO-18	Standard	0.88	3.03	0.52	2.99	0.63	1.82	0.28	1.78	0.27											
STD SO-18	Standard	0.85	2.87	0.50	2.88	0.61	1.77	0.28	1.73	0.26											
STD DS7 Expected													20.9	109	70.6	411	56	48.2	6.4	5.9	4.5
STD CSC Expected											2.94	4.25									
STD OREAS76A Expected											0.16	18									
STD FA100S Expected																					
STD SO-18 Expected		0.89	2.93	0.53	3	0.62	1.84	0.29	1.79	0.27											
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01											
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01											
BLK	Blank										<0.02	<0.02									
BLK	Blank										<0.02	<0.02									
BLK	Blank										<0.02	0.03									
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01											

Client: White River Resources Inc.
 436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River
Report Date: October 16, 2008

Page: 2 of 2 **Part** 4

QUALITY CONTROL REPORT

VAN08008800.1

		1DX Ag ppm 0.1	1DX Au ppb 0.5	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX Se ppm 0.5
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD DS7 Expected		0.9	70	0.2	4.2	3.5
STD CSC Expected						
STD OREAS76A Expected						
STD FA100S Expected						
STD SO-18 Expected						
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank					
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					

Client: **White River Resources Inc.**

436 - 108 Elliot Street
Whitehorse YT Y1A 6C4 Canada

Submitted By: Ian McCutcheon
Receiving Lab: Canada-Vancouver
Received: August 21, 2008
Report Date: October 01, 2008
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN08008518.1

CLIENT JOB INFORMATION

Project: White River
Shipment ID:
P.O. Number
Number of Samples: 23

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: White River Resources Inc.
436 - 108 Elliot Street
Whitehorse YT Y1A 6C4
Canada

CC: Marcus Reston
Dylan Morgan
Richard Montjoie

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
3BMS	23	Fire assay fusion Au Pt Pd by ICP-MS	30	Completed
4A&4B	23	Whole Rock Analysis Majors and Trace Elements	0.2	Completed

ADDITIONAL COMMENTS



CERTIFICATE OF ANALYSIS

VAN08008518.1

	Method Analyte Unit MDL	3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Au	Pt	Pd	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be
		ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm
		1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1
80802CD001	Sediment	I.S.	I.S.	I.S.	31.71	10.50	5.96	1.86	4.80	0.84	1.57	0.48	0.24	0.08	0.012	38	18	41.8	99.88	329	<1
80802CD003	Sediment	8	1.2	2.0	43.89	15.21	8.19	1.75	3.52	1.35	2.01	0.77	0.17	0.08	0.010	40	23	22.9	99.86	429	<1
80802CD004	Sediment	4	1.8	1.4	44.50	15.02	7.86	1.85	3.73	1.42	1.89	0.73	0.15	0.10	0.011	25	23	22.6	99.88	397	<1
80802CD005	Sediment	3	5.0	1.2	45.68	15.06	8.55	1.82	2.96	1.54	2.09	0.78	0.18	0.11	0.013	32	23	21.0	99.82	415	<1
80803CD001	Sediment	2	3.0	3.9	38.28	13.65	6.31	2.05	3.48	1.10	1.43	0.50	0.20	0.09	0.019	32	25	32.6	99.77	777	<1
80803CD005	Sediment	3	2.0	2.9	34.29	11.10	6.32	2.27	4.43	1.50	1.09	0.54	0.21	0.10	0.011	33	22	37.9	99.78	409	<1
80804CD002	Sediment	4	1.0	1.3	45.97	15.38	7.48	1.92	3.40	1.96	2.35	0.70	0.22	0.14	0.008	<20	18	20.3	99.81	500	<1
80804CD003	Sediment	7	0.8	1.9	33.56	11.29	6.63	1.55	4.51	1.12	1.86	0.48	0.21	0.28	0.007	36	14	38.3	99.79	755	1
80804CD005	Sediment	2	2.0	1.7	42.08	13.69	6.99	2.32	2.61	1.90	1.89	0.64	0.21	0.17	0.013	<20	20	27.4	99.87	463	1
80804CD006	Sediment	2	3.0	1.7	28.70	9.84	4.62	1.48	4.25	1.21	1.38	0.45	0.29	0.13	0.011	<20	14	47.5	99.89	459	<1
80804CD007	Sediment	6	3.0	3.2	38.20	11.71	6.41	1.81	4.31	0.79	1.87	0.53	0.26	0.32	0.015	36	17	33.5	99.69	1280	1
80805CD001	Sediment	5	1.1	<0.5	54.10	14.89	6.47	2.97	4.01	2.71	1.50	0.92	0.19	0.17	0.022	32	17	11.8	99.77	639	<1
80805CD002	Sediment	4	1.0	<0.5	47.96	12.89	4.00	1.56	3.54	2.68	1.59	0.59	0.20	0.16	0.009	<20	10	24.7	99.85	646	<1
80805CD003	Sediment	3	4.0	0.9	59.57	14.81	6.25	3.09	4.02	3.08	1.41	0.99	0.23	0.10	0.040	52	18	6.2	99.78	618	1
80807CD001	Sediment	5	2.0	<0.5	54.90	15.11	7.03	2.78	3.52	3.00	1.73	0.85	0.20	0.15	0.021	35	17	10.5	99.75	921	<1
80808CD002	Sediment	2	0.8	<0.5	56.18	16.11	7.33	1.41	1.73	1.60	2.41	0.70	0.18	0.12	0.011	37	19	12.1	99.85	496	<1
80808CD003	Sediment	7	2.0	0.8	47.19	14.64	8.05	1.55	2.96	1.57	2.10	0.70	0.23	0.14	0.011	32	19	20.7	99.81	591	<1
80808CD004	Sediment	5	3.0	1.2	57.45	16.83	7.12	1.26	3.18	0.98	2.67	0.78	0.14	0.06	0.010	26	23	9.4	99.90	370	<1
80810CD002	Sediment	2	3.0	1.2	49.33	12.40	7.15	3.31	4.16	2.30	1.42	0.72	0.23	0.11	0.027	48	16	18.6	99.79	492	<1
80810CD003	Sediment	<1	1.4	<0.5	65.01	14.68	4.36	1.58	3.07	3.74	2.82	0.50	0.16	0.07	0.013	36	8	3.8	99.78	828	<1
80810CD005	Sediment	6	0.8	1.2	47.66	13.64	12.64	4.24	6.16	2.49	1.48	0.81	0.27	0.16	0.019	57	23	10.2	99.80	364	<1
80810CD006	Sediment	2	2.0	1.1	51.98	13.73	11.68	4.08	6.09	2.76	1.29	0.99	0.28	0.16	0.027	48	24	6.7	99.75	431	<1
80810CD008	Sediment	2	6.0	1.7	53.70	17.03	8.81	4.02	4.61	2.56	1.99	0.76	0.20	0.14	0.025	88	23	5.9	99.78	551	<1

CERTIFICATE OF ANALYSIS

VAN08008518.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05
80802CD001	Sediment	19.8	2.2	10.8	1.9	3.3	31.1	<1	166.5	0.1	2.2	1.8	123	0.5	65.6	24.2	13.4	21.7	3.58	15.1	3.54
80802CD003	Sediment	20.4	2.1	14.9	2.6	5.4	41.9	<1	213.9	0.3	2.2	1.6	169	<0.5	93.6	24.9	13.9	22.3	3.91	16.5	3.85
80802CD004	Sediment	20.7	1.9	14.1	2.6	4.8	39.0	<1	215.6	0.3	2.2	1.8	164	<0.5	89.9	22.7	12.4	22.5	3.54	14.5	3.50
80802CD005	Sediment	23.6	1.9	15.6	2.7	5.3	43.5	<1	192.7	0.2	2.1	1.6	177	<0.5	98.8	23.4	12.2	22.8	3.46	15.3	3.41
80803CD001	Sediment	17.6	3.7	16.1	2.5	4.0	27.9	5	244.2	0.2	3.0	1.5	134	0.5	93.8	40.9	26.4	44.6	7.10	28.7	6.46
80803CD005	Sediment	18.6	2.5	11.7	2.5	3.6	25.6	<1	211.9	0.1	1.9	1.1	156	<0.5	88.1	30.0	16.3	23.1	4.43	18.4	4.45
80804CD002	Sediment	18.8	1.6	14.4	2.5	5.1	55.0	<1	275.3	0.2	3.3	1.9	161	<0.5	86.7	20.8	16.4	31.8	4.32	16.7	3.87
80804CD003	Sediment	24.0	2.8	12.6	2.5	6.5	49.5	<1	228.4	0.4	4.1	2.4	114	0.6	103.2	27.8	24.4	46.7	6.09	24.0	5.23
80804CD005	Sediment	20.1	1.6	14.3	2.2	5.3	48.8	<1	195.9	0.2	2.8	1.9	152	<0.5	84.0	20.9	18.9	36.5	4.92	20.4	4.18
80804CD006	Sediment	14.8	2.0	11.2	1.7	4.4	38.6	<1	249.2	0.2	2.6	1.6	105	<0.5	71.4	22.6	18.5	29.2	4.90	20.0	4.32
80804CD007	Sediment	22.8	3.6	12.9	3.5	6.2	44.5	1	293.4	0.2	5.4	2.6	98	0.7	120.3	29.7	24.5	48.3	6.23	25.0	5.56
80805CD001	Sediment	19.7	1.3	15.8	4.2	7.9	40.8	1	387.9	0.5	3.3	1.8	158	0.5	165.4	16.8	16.1	32.4	4.16	16.4	3.39
80805CD002	Sediment	14.4	1.5	15.3	3.3	6.8	37.9	<1	431.9	0.3	3.9	1.7	90	0.8	123.2	13.8	15.4	32.9	4.02	16.4	2.98
80805CD003	Sediment	18.8	1.1	15.6	4.0	11.6	36.9	1	363.4	0.5	3.6	2.2	188	0.7	148.6	21.3	15.9	35.6	4.47	17.9	3.75
80807CD001	Sediment	20.3	1.3	17.3	3.5	7.5	46.6	1	411.0	0.5	3.4	2.0	176	0.7	132.4	18.3	17.1	36.9	4.62	19.1	3.77
80808CD002	Sediment	18.9	2.1	15.4	2.9	4.6	56.2	<1	176.6	0.2	2.9	2.8	164	<0.5	94.2	21.9	15.5	29.1	4.09	16.8	3.61
80808CD003	Sediment	22.9	3.2	14.5	3.3	5.9	51.7	<1	232.8	0.3	3.9	2.4	158	0.6	114.4	24.9	20.8	37.1	5.33	22.8	4.71
80808CD004	Sediment	17.6	3.5	15.9	3.2	4.1	60.7	<1	182.9	0.2	3.1	3.5	172	<0.5	96.7	24.4	13.8	23.0	3.81	15.5	3.42
80810CD002	Sediment	20.6	1.6	14.8	4.1	6.8	36.3	1	343.6	0.4	4.0	2.2	165	1.4	154.5	17.1	15.3	32.6	4.23	17.5	3.58
80810CD003	Sediment	11.4	1.2	17.4	3.3	6.0	49.7	<1	577.2	0.3	5.5	2.3	86	0.6	137.3	10.2	18.4	34.1	4.13	16.2	2.83
80810CD005	Sediment	26.5	1.6	17.6	6.7	6.1	31.5	1	437.5	0.3	3.1	2.3	354	<0.5	258.2	22.9	15.9	37.1	5.12	22.1	4.86
80810CD006	Sediment	23.9	1.2	15.7	9.1	7.7	32.1	1	386.2	0.4	6.8	2.8	338	<0.5	337.4	25.8	19.6	40.4	5.42	22.3	4.78
80810CD008	Sediment	25.6	1.0	19.0	2.9	4.3	46.2	1	505.7	0.1	2.7	1.8	204	0.6	101.7	18.9	13.1	27.7	3.56	15.8	3.55

CERTIFICATE OF ANALYSIS

VAN08008518.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B 2A	Leco 2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
80802CD001	Sediment	1.07	3.67	0.62	3.47	0.74	2.14	0.33	1.94	0.29	18.00	0.07	1.6	85.1	18.2	235	39.2	31.0	0.8	2.4	0.1
80802CD003	Sediment	1.20	4.07	0.69	3.92	0.82	2.27	0.36	2.15	0.33	7.53	0.18	1.9	83.1	12.7	125	30.9	33.1	0.4	1.8	0.1
80802CD004	Sediment	1.07	3.61	0.64	3.59	0.73	2.09	0.33	2.10	0.31	7.40	0.21	1.8	76.8	11.9	122	32.0	30.1	0.5	1.5	0.1
80802CD005	Sediment	1.11	3.64	0.64	3.76	0.75	2.18	0.33	2.11	0.32	6.74	0.15	1.9	67.9	10.1	132	33.3	28.6	0.4	1.3	<0.1
80803CD001	Sediment	1.68	6.56	1.16	6.70	1.32	3.56	0.53	3.21	0.46	11.74	0.11	1.3	137.7	4.4	64	32.7	15.7	0.2	1.7	0.2
80803CD005	Sediment	1.43	4.61	0.81	4.64	0.93	2.64	0.41	2.34	0.36	14.45	0.19	0.7	115.9	5.5	84	29.8	13.4	0.3	0.9	<0.1
80804CD002	Sediment	1.22	3.76	0.61	3.36	0.71	2.01	0.31	1.91	0.32	6.74	0.16	1.8	49.7	7.0	88	23.0	13.6	0.3	0.5	<0.1
80804CD003	Sediment	1.43	5.28	0.88	4.92	0.93	2.53	0.39	2.33	0.35	14.44	0.10	2.6	65.1	30.9	136	27.6	29.5	0.5	1.1	0.2
80804CD005	Sediment	1.45	4.16	0.66	3.57	0.66	1.87	0.29	1.95	0.29	10.24	0.08	1.5	71.3	8.8	78	29.7	12.2	0.5	0.4	<0.1
80804CD006	Sediment	1.40	4.19	0.67	3.67	0.70	1.91	0.30	1.78	0.27	19.37	0.08	0.7	65.2	5.4	49	23.0	8.3	0.4	0.3	<0.1
80804CD007	Sediment	1.47	5.80	0.94	5.15	1.01	2.78	0.44	2.71	0.41	12.49	0.07	1.9	47.2	23.2	152	43.9	35.8	0.7	1.3	0.1
80805CD001	Sediment	1.02	3.12	0.52	2.81	0.58	1.74	0.27	1.74	0.27	3.23	0.07	0.6	23.3	5.7	93	29.4	5.2	0.1	0.2	<0.1
80805CD002	Sediment	0.91	2.80	0.43	2.48	0.50	1.37	0.22	1.32	0.21	9.17	0.05	1.0	25.9	6.3	57	15.6	5.1	0.3	0.3	<0.1
80805CD003	Sediment	1.16	3.75	0.63	3.90	0.76	2.24	0.34	2.13	0.32	1.07	0.03	0.6	35.9	5.8	65	49.6	5.2	<0.1	0.2	<0.1
80807CD001	Sediment	1.17	3.76	0.58	3.25	0.68	1.91	0.30	1.88	0.29	3.57	0.05	1.1	33.1	5.9	76	33.1	6.3	0.2	0.4	<0.1
80808CD002	Sediment	1.03	3.54	0.59	3.55	0.72	2.17	0.34	2.13	0.35	4.27	0.17	2.9	56.1	18.1	141	32.9	36.4	0.9	2.2	0.1
80808CD003	Sediment	1.44	4.62	0.76	4.26	0.86	2.53	0.39	2.33	0.37	6.81	0.24	3.6	66.1	22.3	134	34.2	58.0	0.9	2.2	0.2
80808CD004	Sediment	0.87	3.41	0.61	3.78	0.80	2.46	0.37	2.32	0.37	1.86	0.33	3.0	57.0	15.0	118	36.4	54.9	0.5	2.1	0.2
80810CD002	Sediment	0.98	3.29	0.54	3.18	0.62	1.79	0.29	1.80	0.28	6.41	0.07	2.1	82.1	4.7	54	36.8	5.2	0.2	0.3	<0.1
80810CD003	Sediment	0.79	2.36	0.36	1.90	0.37	1.04	0.16	1.09	0.16	0.55	0.04	1.8	17.7	1.5	15	34.3	2.3	<0.1	0.1	<0.1
80810CD005	Sediment	1.15	4.42	0.70	3.98	0.82	2.31	0.39	2.50	0.38	3.17	0.06	1.5	67.8	3.4	43	26.1	4.3	0.1	0.1	<0.1
80810CD006	Sediment	1.21	4.65	0.77	4.50	0.90	2.62	0.43	2.78	0.42	1.85	0.06	1.3	55.6	5.0	57	32.4	5.9	0.2	0.4	<0.1
80810CD008	Sediment	1.06	3.39	0.57	3.21	0.68	2.07	0.34	2.16	0.32	1.70	0.12	3.0	64.6	5.6	71	66.6	6.5	0.2	0.4	<0.1

Client: White River Resources Inc.

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 01, 2008

Page: 2 of 2 **Part** 4

CERTIFICATE OF ANALYSIS

VAN08008518.1

Method	1DX	1DX	1DX	1DX	1DX
Analyte	Ag	Au	Hg	Tl	Se
Unit	ppm	ppb	ppm	ppm	ppm
MDL	0.1	0.5	0.01	0.1	0.5
80802CD001 Sediment	0.3	4.4	0.11	<0.1	2.2
80802CD003 Sediment	0.2	3.4	0.07	<0.1	1.9
80802CD004 Sediment	0.2	2.3	0.05	<0.1	1.7
80802CD005 Sediment	0.2	<0.5	0.06	<0.1	1.8
80803CD001 Sediment	<0.1	1.9	0.18	<0.1	0.7
80803CD005 Sediment	0.1	2.3	0.13	<0.1	1.3
80804CD002 Sediment	<0.1	2.3	0.02	<0.1	1.3
80804CD003 Sediment	0.2	6.7	0.06	0.1	1.5
80804CD005 Sediment	0.1	2.1	0.04	<0.1	1.3
80804CD006 Sediment	0.1	3.1	0.08	<0.1	1.5
80804CD007 Sediment	0.2	5.0	0.09	0.2	1.0
80805CD001 Sediment	<0.1	0.6	0.03	<0.1	<0.5
80805CD002 Sediment	0.1	1.1	0.06	<0.1	0.6
80805CD003 Sediment	<0.1	<0.5	0.01	<0.1	<0.5
80807CD001 Sediment	<0.1	<0.5	0.03	<0.1	<0.5
80808CD002 Sediment	0.1	1.4	0.09	<0.1	1.2
80808CD003 Sediment	0.2	2.4	0.12	<0.1	2.0
80808CD004 Sediment	0.3	<0.5	0.18	<0.1	2.1
80810CD002 Sediment	0.1	3.6	0.06	<0.1	0.6
80810CD003 Sediment	<0.1	0.6	<0.01	<0.1	0.7
80810CD005 Sediment	<0.1	4.3	0.02	<0.1	<0.5
80810CD006 Sediment	<0.1	0.9	0.02	<0.1	0.6
80810CD008 Sediment	<0.1	0.6	0.02	<0.1	0.6

QUALITY CONTROL REPORT

VAN08008518.1

	Method Analyte Unit MDL	3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Au	Pt	Pd	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be
		ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm
		1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1
80802CD001	Sediment	I.S.	I.S.	I.S.	31.71	10.50	5.96	1.86	4.80	0.84	1.57	0.48	0.24	0.08	0.012	38	18	41.8	99.88	329	<1
Pulp Duplicates																					
80804CD005	Sediment	2	2.0	1.7	42.08	13.69	6.99	2.32	2.61	1.90	1.89	0.64	0.21	0.17	0.013	<20	20	27.4	99.87	463	1
REP 80804CD005	QC																				
80810CD002	Sediment	2	3.0	1.2	49.33	12.40	7.15	3.31	4.16	2.30	1.42	0.72	0.23	0.11	0.027	48	16	18.6	99.79	492	<1
REP 80810CD002	QC	3	0.5	0.6																	
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD FA100S	Standard	47	48.0	45.9																	
STD FA100S	Standard	49	48.0	44.8																	
STD OREAS76A	Standard																				
STD SO-18	Standard				58.06	14.13	7.62	3.34	6.39	3.70	2.14	0.69	0.83	0.39	0.545	46	26	1.9	99.74	498	<1
STD SO-18	Standard				58.08	14.13	7.62	3.33	6.39	3.69	2.15	0.69	0.83	0.39	0.545	36	25	1.9	99.74	498	<1
STD SO-18	Standard				58.13	14.13	7.62	3.33	6.40	3.70	2.14	0.69	0.82	0.39	0.544	44	24	1.9	99.81	507	<1
STD SO-18	Standard				58.11	14.13	7.62	3.34	6.40	3.70	2.14	0.69	0.82	0.39	0.543	42	25	1.9	99.78	513	<1
STD DS7 Expected																					
STD SO-18 Expected					58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	44	25			514	
STD FA100S Expected		45	45	45																	
STD CSC Expected																					
STD OREAS76A Expected																					
BLK	Blank																				
BLK	Blank				<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1
BLK	Blank																				
BLK	Blank				0.13	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	0.13	<1	<1
BLK	Blank	<1	<0.1	<0.5																	

QUALITY CONTROL REPORT

VAN08008518.1

Method Analyte Unit MDL		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05
80802CD001	Sediment	19.8	2.2	10.8	1.9	3.3	31.1	<1	166.5	0.1	2.2	1.8	123	0.5	65.6	24.2	13.4	21.7	3.58	15.1	3.54
Pulp Duplicates																					
80804CD005	Sediment	20.1	1.6	14.3	2.2	5.3	48.8	<1	195.9	0.2	2.8	1.9	152	<0.5	84.0	20.9	18.9	36.5	4.92	20.4	4.18
REP 80804CD005	QC																				
80810CD002	Sediment	20.6	1.6	14.8	4.1	6.8	36.3	1	343.6	0.4	4.0	2.2	165	1.4	154.5	17.1	15.3	32.6	4.23	17.5	3.58
REP 80810CD002	QC																				
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD FA100S	Standard																				
STD FA100S	Standard																				
STD OREAS76A	Standard																				
STD SO-18	Standard	27.4	6.8	17.6	9.8	20.9	28.7	15	404.4	7.1	9.9	15.9	205	14.5	286.4	30.9	11.8	25.9	3.39	13.8	2.88
STD SO-18	Standard	27.2	6.9	17.6	9.6	21.1	28.6	15	405.7	7.1	9.6	16.0	204	14.8	287.1	31.0	11.8	25.8	3.39	13.8	2.84
STD SO-18	Standard	26.3	6.9	17.3	9.9	21.5	28.1	15	406.3	7.2	9.8	15.8	202	14.9	291.6	31.7	11.9	26.7	3.40	13.9	2.89
STD SO-18	Standard	26.3	6.8	17.8	10.0	21.7	28.1	15	407.4	7.2	9.8	15.8	202	15.0	292.7	31.8	12.1	26.6	3.40	13.9	2.95
STD DS7 Expected																					
STD SO-18 Expected		26.2	7.1	17.6	9.8	20.9	28.7	15	407.4	7.4	9.9	16.4	200	15.1	280	33	12.3	27.1	3.45	14	3
STD FA100S Expected																					
STD CSC Expected																					
STD OREAS76A Expected																					
BLK	Blank																				
BLK	Blank	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05
BLK	Blank																				
BLK	Blank	<0.2	<0.1	<0.5	<0.1	2.0	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05
BLK	Blank																				

QUALITY CONTROL REPORT

VAN08008518.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
80802CD001	Sediment	1.07	3.67	0.62	3.47	0.74	2.14	0.33	1.94	0.29	18.00	0.07	1.6	85.1	18.2	235	39.2	31.0	0.8	2.4	0.1
Pulp Duplicates																					
80804CD005	Sediment	1.45	4.16	0.66	3.57	0.66	1.87	0.29	1.95	0.29	10.24	0.08	1.5	71.3	8.8	78	29.7	12.2	0.5	0.4	<0.1
REP 80804CD005	QC												1.4	72.0	9.0	76	30.4	11.7	0.4	0.4	0.1
80810CD002	Sediment	0.98	3.29	0.54	3.18	0.62	1.79	0.29	1.80	0.28	6.41	0.07	2.1	82.1	4.7	54	36.8	5.2	0.2	0.3	<0.1
REP 80810CD002	QC																				
Reference Materials																					
STD CSC	Standard										3.01	4.31									
STD DS7	Standard												16.5	93.1	65.9	368	51.4	44.8	5.7	4.4	3.8
STD DS7	Standard												18.4	105.8	68.2	402	56.0	50.3	5.7	4.8	4.0
STD DS7	Standard												17.3	101.9	71.9	374	51.0	46.3	5.9	4.6	4.5
STD DS7	Standard												19.0	118.6	70.7	425	56.5	51.5	6.1	4.7	4.9
STD FA100S	Standard																				
STD FA100S	Standard																				
STD OREAS76A	Standard										0.16	18.22									
STD SO-18	Standard	0.86	2.91	0.50	2.91	0.60	1.77	0.28	1.74	0.26											
STD SO-18	Standard	0.85	2.88	0.50	2.84	0.59	1.74	0.28	1.73	0.26											
STD SO-18	Standard	0.86	2.92	0.50	2.92	0.60	1.76	0.27	1.74	0.26											
STD SO-18	Standard	0.86	2.94	0.50	2.98	0.60	1.78	0.27	1.76	0.26											
STD DS7 Expected													20.9	109	70.6	411	56	48.2	6.4	5.9	4.5
STD SO-18 Expected		0.89	2.93	0.53	3	0.62	1.84	0.29	1.79	0.27											
STD FA100S Expected																					
STD CSC Expected											3.13	4.19									
STD OREAS76A Expected											0.16	18									
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01											
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01											
BLK	Blank																				

Client: White River Resources Inc.

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 01, 2008

Page: 1 of 2 **Part** 4

QUALITY CONTROL REPORT

VAN08008518.1

	Method	1DX	1DX	1DX	1DX	1DX
Analyte		Ag	Au	Hg	Tl	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
80802CD001	Sediment	0.3	4.4	0.11	<0.1	2.2
Pulp Duplicates						
80804CD005	Sediment	0.1	2.1	0.04	<0.1	1.3
REP 80804CD005	QC	0.1	2.9	0.04	<0.1	0.8
80810CD002	Sediment	0.1	3.6	0.06	<0.1	0.6
REP 80810CD002	QC					
Reference Materials						
STD CSC	Standard					
STD DS7	Standard	0.8	52.6	0.20	3.8	3.4
STD DS7	Standard	0.9	47.7	0.21	3.6	3.2
STD DS7	Standard	0.8	56.3	0.18	4.3	3.4
STD DS7	Standard	0.9	80.0	0.20	4.7	3.9
STD FA100S	Standard					
STD FA100S	Standard					
STD OREAS76A	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD DS7 Expected		0.9	70	0.2	4.2	3.5
STD SO-18 Expected						
STD FA100S Expected						
STD CSC Expected						
STD OREAS76A Expected						
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank					
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank					
BLK	Blank					

Client: **White River Resources Inc.**
 436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River
Report Date: October 01, 2008

Page: 2 of 2 **Part** 1

QUALITY CONTROL REPORT

VAN08008518.1

		3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Au	Pt	Pd	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be
		ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm
		1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1
BLK	Blank	<1	<0.1	<0.5																	
BLK	Blank																				

Client: **White River Resources Inc.**
 436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River
Report Date: October 01, 2008

Page: 2 of 2 **Part** 2

QUALITY CONTROL REPORT

VAN08008518.1

		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	
		Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05
BLK	Blank																				
BLK	Blank																				

Client: **White River Resources Inc.**
 436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River
Report Date: October 01, 2008

Page: 2 of 2 **Part** 3

QUALITY CONTROL REPORT

VAN08008518.1

		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
BLK	Blank	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
BLK	Blank											<0.02	<0.02								

Client: **White River Resources Inc.**

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: October 01, 2008

Page: 2 of 2 **Part** 4

QUALITY CONTROL REPORT

VAN08008518.1

		1DX Ag ppm 0.1	1DX Au ppb 0.5	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX Se ppm 0.5
BLK	Blank					
BLK	Blank					

Client: **White River Resources Inc.**

436 - 108 Elliot Street
Whitehorse YT Y1A 6C4 Canada

Submitted By: Ian McCutcheon
Receiving Lab: Canada-Vancouver
Received: August 21, 2008
Report Date: September 23, 2008
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN08008517.1

CLIENT JOB INFORMATION

Project: White River
Shipment ID:
P.O. Number
Number of Samples: 16

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: White River Resources Inc.
436 - 108 Elliot Street
Whitehorse YT Y1A 6C4
Canada

CC: Marcus Reston
Dylan Morgan
Richard Montjoie

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	15	Crush, split and pulverize rock to 200 mesh		
3BMS	15	Fire assay fusion Au Pt Pd by ICP-MS	30	Completed
4A&4B	15	Whole Rock Analysis Majors and Trace Elements	0.2	Completed

ADDITIONAL COMMENTS



CERTIFICATE OF ANALYSIS

VAN08008517.1

	Method Analyte Unit MDL	WGHT	3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Wgt	Au	Pt	Pd	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba
		kg	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm
		0.01	1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1
80709IM001	Rock	1.20	<1	<0.1	<0.5	94.16	1.62	1.97	0.05	0.02	0.55	0.25	0.05	0.01	<0.01	0.003	30	<1	1.4	100.06	75
80720RM004	Rock	0.11	3	0.2	<0.5	52.23	12.62	8.16	5.06	13.28	4.32	0.30	0.86	0.35	0.21	0.006	23	26	2.3	99.71	157
80720RM003	Rock	0.11	7	1.3	1.5	49.42	16.69	11.26	5.31	10.29	3.08	1.22	0.99	0.26	0.21	0.006	<20	37	1.0	99.71	315
80720RM002	Rock	3.06	82	0.2	<0.5	47.12	19.58	10.25	4.16	12.05	3.17	0.41	0.73	0.24	0.14	<0.002	<20	18	1.9	99.73	322
80727IM007	Rock	1.01	2	5.0	8.2	69.66	7.52	9.03	3.85	3.33	0.31	0.19	0.32	0.09	0.05	0.064	87	32	5.4	99.79	776
80727IM006	Rock	0.94	37	8.2	16.0	54.25	13.07	10.03	9.34	0.65	0.06	1.79	0.66	0.06	0.05	0.088	70	50	9.7	99.73	375
80727RM003	Rock	0.62	4	11.0	9.1	31.31	8.36	10.05	11.96	11.85	<0.01	0.02	0.36	0.11	0.12	0.132	277	34	14.6	88.88	56
80727IM004	Rock	1.62	28	5.5	13.1	48.99	11.54	10.21	7.70	4.91	0.04	2.11	0.57	0.17	0.08	0.072	73	37	13.3	99.73	736
80727IM002	Rock	1.03	<1	0.3	0.9	93.97	1.40	1.21	0.27	1.53	0.02	0.02	0.05	0.02	0.01	0.005	<20	2	1.1	99.65	9
80727IM001	Rock	0.56	98	4.7	6.5	52.65	6.21	9.23	4.89	8.23	0.03	0.80	0.26	0.12	0.14	0.072	167	21	9.5	92.18	933
80727RM002	Rock	0.75	9	8.8	15.9	57.39	15.66	7.10	9.32	0.63	1.45	1.74	0.72	0.08	0.12	0.115	210	109	5.3	99.69	681
80727RM001	Rock	0.73	16	5.3	13.0	54.27	11.69	10.51	12.41	0.39	0.58	0.40	0.53	0.09	0.12	0.084	119	39	8.7	99.77	137
80728IM001	Rock	0.75	<1	<0.1	<0.5	86.27	6.86	1.38	0.51	0.09	3.19	0.21	0.18	0.01	0.02	0.002	<20	6	1.3	100.03	79
80705IM001	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
80709IM003	Rock	0.66	60	1.1	1.9	53.36	13.00	15.85	3.43	0.55	4.19	0.31	0.48	0.11	0.13	0.004	27	16	8.4	99.85	77
80705IM001	Rock	0.73	<1	3.2	5.9	46.16	14.61	9.57	11.20	9.82	3.15	0.25	0.65	0.17	0.22	0.112	303	31	3.6	99.57	866

Client: **White River Resources Inc.**

436 - 108 Elliot Street
Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: September 23, 2008

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

VAN08008517.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3
80709IM001	Rock	<1	2.3	0.2	1.2	0.6	5.9	4.3	<1	13.0	0.4	2.4	23.5	12	<0.5	16.0	2.9	2.0	3.9	0.51	2.1
80720RM004	Rock	<1	14.2	0.5	13.9	2.3	5.2	4.8	1	438.5	0.2	2.3	14.0	271	0.9	78.5	28.7	12.7	26.1	3.60	16.3
80720RM003	Rock	<1	27.8	0.6	18.9	2.2	2.4	16.8	<1	747.3	0.2	1.9	9.2	320	<0.5	78.6	11.4	10.7	24.7	3.35	15.6
80720RM002	Rock	<1	27.2	0.2	19.3	1.3	3.4	4.9	<1	601.6	<0.1	0.2	5.1	234	<0.5	29.3	15.8	6.4	16.0	2.44	12.9
80727IM007	Rock	<1	25.5	<0.1	9.0	0.7	0.6	2.8	<1	326.9	<0.1	0.3	1.6	192	<0.5	17.3	7.9	2.9	6.5	0.94	4.1
80727IM006	Rock	<1	11.2	0.3	14.1	1.2	2.2	24.8	<1	108.4	<0.1	0.6	1.0	310	<0.5	37.1	10.1	4.1	9.1	1.23	6.3
80727RM003	Rock	<1	63.2	<0.1	8.6	0.5	0.2	0.2	<1	98.5	<0.1	0.4	0.6	192	<0.5	18.7	11.2	3.7	8.8	1.25	6.5
80727IM004	Rock	<1	8.4	0.3	12.8	1.1	0.9	32.5	<1	155.2	<0.1	0.5	1.0	285	<0.5	32.2	3.1	2.9	6.0	0.73	2.5
80727IM002	Rock	<1	2.1	<0.1	1.6	0.2	0.2	0.3	<1	109.5	<0.1	<0.2	2.0	36	<0.5	4.9	1.3	0.7	1.2	0.17	0.7
80727IM001	Rock	<1	43.8	0.1	5.3	0.7	0.4	11.9	<1	116.1	<0.1	0.3	0.3	130	4.2	15.2	11.8	2.9	6.3	0.98	5.0
80727RM002	Rock	<1	26.6	0.1	17.9	1.4	1.0	29.9	<1	46.3	<0.1	0.7	0.6	403	<0.5	40.3	15.5	3.9	8.9	1.27	6.2
80727RM001	Rock	<1	26.8	0.2	12.1	1.0	0.8	7.1	<1	22.1	<0.1	0.9	0.8	266	<0.5	31.5	7.2	2.5	6.2	0.81	4.0
80728IM001	Rock	<1	2.9	0.4	3.6	1.7	1.7	3.0	<1	49.3	0.1	1.8	1.5	24	<0.5	62.9	8.8	6.5	12.6	1.56	6.2
80705IM001	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
80709IM003	Rock	<1	28.2	0.5	10.6	2.4	1.8	6.0	<1	134.1	0.2	1.4	1.1	121	<0.5	83.5	6.8	5.2	10.4	1.25	4.9
80705IM001	Rock	<1	43.2	<0.1	16.3	1.9	2.3	2.2	<1	615.2	<0.1	0.8	0.6	291	<0.5	58.7	13.6	5.6	15.1	2.37	13.1

CERTIFICATE OF ANALYSIS

VAN08008517.1

	Method Analyte Unit MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B 2A	Leco 2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Sm ppm 0.05	Eu ppm 0.02	Gd ppm 0.05	Tb ppm 0.01	Dy ppm 0.05	Ho ppm 0.02	Er ppm 0.03	Tm ppm 0.01	Yb ppm 0.05	Lu ppm 0.01	TOT/C %	TOT/S %	Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ni ppm 0.1	As ppm 0.5	Cd ppm 0.1	Sb ppm 0.1
80709IM001	Rock	0.46	0.09	0.42	0.09	0.54	0.09	0.31	0.04	0.35	0.06	0.03	0.94	5.6	5.8	4.3	2	1.9	0.9	<0.1	<0.1
80720RM004	Rock	3.89	1.04	4.40	0.81	5.08	1.02	3.18	0.51	3.27	0.53	0.10	0.90	1.9	568.9	6.8	60	19.1	113.2	0.5	0.2
80720RM003	Rock	3.15	1.17	2.87	0.43	2.35	0.40	1.21	0.18	1.10	0.18	0.05	0.31	2.2	137.3	6.2	62	13.5	1.2	0.4	<0.1
80720RM002	Rock	3.20	1.21	3.21	0.52	2.83	0.59	1.66	0.26	1.59	0.25	0.03	1.91	0.4	583.9	7.7	41	4.2	<0.5	0.1	<0.1
80727IM007	Rock	1.15	0.73	1.22	0.22	1.45	0.24	0.74	0.13	0.83	0.15	0.03	2.76	2.5	25.4	2.1	25	80.8	16.9	<0.1	<0.1
80727IM006	Rock	1.33	0.34	1.36	0.25	1.77	0.37	1.21	0.19	1.18	0.18	<0.02	2.04	2.0	35.9	26.7	30	62.4	22.1	<0.1	<0.1
80727RM003	Rock	1.56	0.50	1.76	0.27	1.75	0.41	1.13	0.18	0.94	0.14	1.09	7.43	0.8	125.1	6.0	38	242.0	6.1	0.1	<0.1
80727IM004	Rock	0.59	0.15	0.45	0.08	0.54	0.10	0.33	0.06	0.44	0.09	0.03	3.92	3.3	27.5	18.2	74	52.0	38.7	<0.1	<0.1
80727IM002	Rock	0.13	0.07	0.17	0.04	0.25	0.04	0.15	0.01	0.12	0.02	0.10	0.30	0.4	3200	1.0	4	6.1	0.8	<0.1	<0.1
80727IM001	Rock	1.58	0.37	1.87	0.34	2.02	0.40	1.09	0.17	1.00	0.14	1.08	5.10	2.8	152.6	15.4	33	162.3	49.6	<0.1	<0.1
80727RM002	Rock	1.70	0.43	2.04	0.42	2.61	0.65	2.14	0.35	2.37	0.38	0.02	0.40	0.3	135.1	3.9	84	181.4	11.5	<0.1	<0.1
80727RM001	Rock	1.03	0.29	1.11	0.19	1.29	0.28	0.81	0.14	0.90	0.13	0.03	2.47	1.1	45.0	12.3	146	103.5	28.8	<0.1	<0.1
80728IM001	Rock	1.25	0.25	1.17	0.24	1.42	0.34	1.10	0.19	1.20	0.21	0.08	0.10	1.9	71.6	8.6	60	5.3	3.0	<0.1	<0.1
80705IM001	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
80709IM003	Rock	0.91	0.24	0.91	0.16	1.10	0.23	0.90	0.16	1.18	0.20	0.03	4.47	4.1	427.4	36.5	134	6.6	217.3	0.1	1.4
80705IM001	Rock	3.09	0.63	2.67	0.43	2.53	0.46	1.28	0.19	1.25	0.16	0.15	0.20	0.4	72.8	11.2	46	167.3	9.8	<0.1	<0.1

Client: White River Resources Inc.

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: September 23, 2008

Page: 2 of 2 **Part** 4

CERTIFICATE OF ANALYSIS

VAN08008517.1

	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX
		Bi	Ag	Au	Hg	Tl	Se
		ppm	ppm	ppb	ppm	ppm	ppm
		0.1	0.1	0.5	0.01	0.1	0.5
80709IM001	Rock	0.6	<0.1	3.2	<0.01	<0.1	3.0
80720RM004	Rock	0.2	0.5	3.8	<0.01	<0.1	3.4
80720RM003	Rock	<0.1	0.1	9.6	<0.01	<0.1	<0.5
80720RM002	Rock	<0.1	0.2	105.9	<0.01	<0.1	1.5
80727IM007	Rock	0.2	<0.1	4.7	<0.01	<0.1	20.9
80727IM006	Rock	0.6	0.2	35.7	<0.01	<0.1	13.3
80727RM003	Rock	<0.1	<0.1	5.9	<0.01	<0.1	8.7
80727IM004	Rock	0.1	<0.1	29.0	<0.01	<0.1	7.4
80727IM002	Rock	<0.1	0.3	1.2	<0.01	<0.1	4.4
80727IM001	Rock	<0.1	0.2	89.7	0.05	0.1	6.4
80727RM002	Rock	<0.1	<0.1	11.6	<0.01	<0.1	0.7
80727RM001	Rock	<0.1	0.2	18.6	<0.01	<0.1	6.3
80728IM001	Rock	0.2	0.2	2.6	<0.01	<0.1	<0.5
80705IM001	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
80709IM003	Rock	5.0	1.5	56.5	0.69	0.2	5.3
80705IM001	Rock	<0.1	0.1	1.2	<0.01	<0.1	<0.5

QUALITY CONTROL REPORT

VAN08008517.1

	Method Analyte Unit MDL	WGHT	3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Wgt	Au	Pt	Pd	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba
		kg	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm
		0.01	1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01
Pulp Duplicates																					
REP G1	QC																				
Reference Materials																					
STD CSC	Standard																				
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD FA100S	Standard		45	45.0	43.5																
STD FA100S	Standard		44	43.9	42.1																
STD OREAS76A	Standard																				
STD OREAS76A	Standard																				
STD SO-18	Standard					58.11	14.13	7.61	3.33	6.38	3.69	2.15	0.69	0.83	0.39	0.548	40	26	1.9	99.76	507
STD SO-18	Standard					58.06	14.12	7.61	3.33	6.37	3.70	2.15	0.69	0.83	0.39	0.549	41	26	1.9	99.71	514
STD SO-18	Standard					58.10	14.14	7.61	3.34	6.38	3.68	2.15	0.69	0.82	0.39	0.547	53	25	1.9	99.76	503
STD SO-18	Standard					58.12	14.12	7.61	3.34	6.38	3.69	2.15	0.69	0.82	0.39	0.547	45	26	1.9	99.77	503
STD SO-18	Standard					58.05	14.12	7.60	3.33	6.39	3.70	2.15	0.69	0.83	0.39	0.546	72	27	1.9	99.72	505
STD SO-18	Standard					58.05	14.12	7.61	3.34	6.39	3.70	2.16	0.69	0.83	0.39	0.547	55	27	1.9	99.72	499
STD SO-18	Standard					58.07	14.12	7.61	3.34	6.38	3.70	2.15	0.69	0.83	0.39	0.547	61	27	1.9	99.72	504
STD SO-18	Standard					58.08	14.13	7.62	3.34	6.38	3.69	2.15	0.69	0.83	0.39	0.548	54	26	1.9	99.75	499
STD DS7 Expected																					
STD CSC Expected																					
STD OREAS76A Expected																					
STD FA100S Expected			45	45	45																
STD SO-18 Expected						58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	44	25			514
BLK	Blank					<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	0.02	<1
BLK	Blank					<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1
BLK	Blank																				
BLK	Blank					<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1
BLK	Blank																				

QUALITY CONTROL REPORT

VAN08008517.1

Method Analyte Unit MDL																				
	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Pulp Duplicates	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3
REP G1	QC																			
Reference Materials																				
STD CSC	Standard																			
STD CSC	Standard																			
STD DS7	Standard																			
STD DS7	Standard																			
STD FA100S	Standard																			
STD FA100S	Standard																			
STD OREAS76A	Standard																			
STD OREAS76A	Standard																			
STD SO-18	1	26.5	7.0	17.5	9.7	22.0	28.4	15	411.4	7.3	9.7	15.9	202	14.9	292.1	31.5	12.1	26.7	3.41	13.9
STD SO-18	<1	26.6	7.1	17.6	9.9	22.0	28.4	15	412.5	7.3	9.7	15.9	202	15.0	294.4	31.6	12.1	26.8	3.41	13.9
STD SO-18	<1	26.6	6.8	17.3	9.5	21.1	28.2	15	410.2	7.0	10.3	16.2	200	14.5	283.2	31.5	12.0	26.2	3.39	13.9
STD SO-18	<1	27.0	6.9	17.3	9.6	21.6	28.5	15	411.7	7.2	10.1	16.6	202	14.7	286.3	31.6	12.0	26.3	3.39	13.8
STD SO-18	<1	26.7	6.8	17.4	9.7	21.2	29.0	15	406.9	7.2	9.9	16.1	202	14.7	284.4	31.8	12.0	26.1	3.40	13.7
STD SO-18	1	26.8	6.8	17.1	9.6	20.9	28.1	15	397.7	7.1	9.8	16.1	196	14.8	283.4	31.4	11.9	25.9	3.38	13.7
STD SO-18	1	27.3	7.0	17.6	9.7	21.6	29.1	15	416.2	7.1	9.6	16.4	209	14.6	290.6	32.4	11.9	26.2	3.40	13.8
STD SO-18	<1	27.2	6.7	17.4	9.6	21.4	28.5	15	407.8	7.1	10.3	16.6	204	14.5	286.0	31.9	12.0	25.9	3.39	13.8
STD DS7 Expected																				
STD CSC Expected																				
STD OREAS76A Expected																				
STD FA100S Expected																				
STD SO-18 Expected		26.2	7.1	17.6	9.8	20.9	28.7	15	407.4	7.4	9.9	16.4	200	15.1	280	33	12.3	27.1	3.45	14
BLK	Blank	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.02	<0.3
BLK	Blank	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.02	<0.3
BLK	Blank																			
BLK	Blank	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.02	<0.3
BLK	Blank																			

QUALITY CONTROL REPORT

VAN08008517.1

Method Analyte Unit MDL		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1
Pulp Duplicates																					
REP G1	QC											0.03	<0.02								
Reference Materials																					
STD CSC	Standard											3.09	4.31								
STD CSC	Standard											3.01	4.27								
STD DS7	Standard													18.0	103.2	67.1	375	52.8	49.2	6.6	4.4
STD DS7	Standard													20.0	113.4	67.9	391	52.7	47.9	6.7	4.6
STD FA100S	Standard																				
STD FA100S	Standard																				
STD OREAS76A	Standard											0.16	17.56								
STD OREAS76A	Standard											0.17	17.40								
STD SO-18	Standard	2.93	0.86	2.94	0.51	2.99	0.61	1.80	0.28	1.77	0.27										
STD SO-18	Standard	2.95	0.87	2.99	0.51	3.01	0.62	1.81	0.28	1.82	0.27										
STD SO-18	Standard	2.84	0.86	2.86	0.50	2.90	0.60	1.74	0.28	1.73	0.26										
STD SO-18	Standard	2.86	0.87	2.90	0.50	2.93	0.61	1.77	0.28	1.75	0.27										
STD SO-18	Standard	2.83	0.61	2.96	0.51	2.91	0.61	1.77	0.28	1.73	0.27										
STD SO-18	Standard	2.85	0.69	2.87	0.50	2.88	0.60	1.75	0.28	1.75	0.26										
STD SO-18	Standard	2.85	0.87	2.84	0.51	2.92	0.60	1.74	0.28	1.76	0.27										
STD SO-18	Standard	2.90	0.85	2.86	0.50	2.89	0.60	1.77	0.28	1.74	0.27										
STD DS7 Expected														20.9	109	70.6	411	56	48.2	6.4	5.9
STD CSC Expected												3.13	4.19								
STD OREAS76A Expected												0.16	18								
STD FA100S Expected																					
STD SO-18 Expected		3	0.89	2.93	0.53	3	0.62	1.84	0.29	1.79	0.27										
BLK	Blank	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01										
BLK	Blank	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01										
BLK	Blank													<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1
BLK	Blank	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01										
BLK	Blank											<0.02	<0.02								

Client: **White River Resources Inc.**

436 - 108 Elliot Street
Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: September 23, 2008

Page: 1 of 2 Part 4

QUALITY CONTROL REPORT

VAN08008517.1

Method	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Bi	Ag	Au	Hg	Tl	Se
Unit	ppm	ppm	ppb	ppm	ppm	ppm
MDL	0.1	0.1	0.5	0.01	0.1	0.5
Pulp Duplicates						
REP G1 QC						
Reference Materials						
STD CSC Standard						
STD CSC Standard						
STD DS7 Standard	4.5	0.8	46.0	0.18	3.9	3.7
STD DS7 Standard	4.5	1.4	52.9	0.19	4.1	3.2
STD FA100S Standard						
STD FA100S Standard						
STD OREAS76A Standard						
STD OREAS76A Standard						
STD SO-18 Standard						
STD SO-18 Standard						
STD SO-18 Standard						
STD SO-18 Standard						
STD SO-18 Standard						
STD SO-18 Standard						
STD SO-18 Standard						
STD DS7 Expected	4.5	0.9	70	0.2	4.2	3.5
STD CSC Expected						
STD OREAS76A Expected						
STD FA100S Expected						
STD SO-18 Expected						
BLK Blank						
BLK Blank						
BLK Blank	<0.1	<0.1	<0.5	<0.01	<0.1	<0.5
BLK Blank						
BLK Blank						

Client: White River Resources Inc.

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: September 23, 2008

Page: 2 of 2 **Part** 1

QUALITY CONTROL REPORT

VAN08008517.1

		WGHT	3BMS	3BMS	3BMS	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Wgt	Au	Pt	Pd	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba
		kg	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm
		0.01	1	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01
BLK	Blank																				
BLK	Blank					<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1
BLK	Blank			<1	<0.1	<0.5															
BLK	Blank			<1	<0.1	<0.5															
BLK	Blank					<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1
Prep Wash																					
G1	Prep Blank	<0.01	<1	<0.1	<0.5	66.94	15.70	3.38	1.31	3.75	3.39	3.64	0.44	0.20	0.10	0.004	<20	6	0.9	99.73	992
G1	Prep Blank	<0.01	<1	0.4	<0.5	66.88	15.90	3.31	1.28	3.79	3.56	3.72	0.43	0.22	0.10	0.005	<20	7	0.6	99.75	1005
G1	Prep Blank																				

QUALITY CONTROL REPORT

VAN08008517.1

		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3
BLK	Blank																				
BLK	Blank	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3
Prep Wash																					
G1	Prep Blank	2	4.7	4.9	18.4	4.1	23.8	116.7	1	715.8	1.3	10.9	24.3	53	<0.5	153.3	16.6	29.4	58.8	6.66	25.5
G1	Prep Blank	2	5.2	4.8	18.5	3.9	24.1	121.7	1	769.8	1.5	6.2	8.3	53	<0.5	140.8	16.1	22.1	46.7	5.55	23.5
G1	Prep Blank																				

QUALITY CONTROL REPORT

VAN08008517.1

		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1
BLK	Blank	<0.02 <0.02																			
BLK	Blank	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01										
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01										
Prep Wash																					
G1	Prep Blank	4.41	1.11	3.54	0.52	3.03	0.58	1.60	0.30	1.95	0.30			1.3	1.9	3.0	48	4.2	<0.5	<0.1	<0.1
G1	Prep Blank	4.06	1.09	3.46	0.50	2.93	0.56	1.68	0.28	1.92	0.29	0.03	<0.02	0.5	1.9	2.5	48	4.0	<0.5	<0.1	<0.1
G1	Prep Blank												0.04	<0.02							

Client: White River Resources Inc.

436 - 108 Elliot Street
 Whitehorse YT Y1A 6C4 Canada

Project: White River

Report Date: September 23, 2008

Page: 2 of 2 **Part** 4

QUALITY CONTROL REPORT

VAN08008517.1

		1DX Bi ppm 0.1	1DX Ag ppm 0.1	1DX Au ppb 0.5	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX Se ppm 0.5
BLK	Blank						
BLK	Blank						
BLK	Blank						
BLK	Blank						
BLK	Blank						
Prep Wash							
G1	Prep Blank	<0.1	<0.1	<0.5	<0.01	0.4	<0.5
G1	Prep Blank	<0.1	<0.1	0.7	<0.01	0.4	<0.5
G1	Prep Blank						

Appendix G – Field Sample Descriptions

Detailed results are not reproduced in hard copy, but are included in softcopy

KEY

- NR: Not Recorded
- Rock
 - Br: Breccia
 - LS: Limestone
 - SCV: Station Creek Volcanic
- Formations
 - HCF: Hasen Creek Formation
 - HCFL: Hasen Creek Formation Limestones
 - SCF: Station Creek Formation
 - NF: Nikolai Formation
 - KRS: Kluane Range Suite
 - Q: Quaternary
- Grain Size
 - VF: Very Fine
 - F: Fine
 - FM: Fine to Medium
 - M: Medium
 - MC: Medium to Coarse
 - C: Coarse
 - ND: Not Defined
- Sampler
 - CD: Chris Doley
 - IM: Ian McCutcheon
 - PN: Paul Nex
 - RM: Richard Montjoie
 - SO: Sam Oshati

OBJECTID	SHAPE *	ExplPrgram	DataSet	DateSampled	SampleType	SampleId	AnalysisType	Prospect	RockType	Formation	GrainSize	AlterationCode	FieldStructure
377	Point Z	NiPGE		<Null>		oc08071001	Not Recorded		station creek volcanic	Not Recorded	fine	Not Recorded	Not Recorded
383	Point Z	NiPGE		<Null>			Not Recorded		station creek volcanic	Not Recorded	fine	Not Recorded	Not Recorded
397	Point Z	NiPGE		<Null>		oc08071301	Not Recorded			Not Recorded		Not Recorded	Not Recorded
421	Point Z	NiPGE		<Null>		OC08071801	Not Recorded		limestone	Not Recorded	f	Not Recorded	Not Recorded
423	Point Z	NiPGE		<Null>		oc08071802	Not Recorded		limestone	Not Recorded		Not Recorded	Not Recorded
426	Point Z	NiPGE		<Null>		oc08071803	Not Recorded		volcanics	Not Recorded	fine	Not Recorded	Not Recorded
428	Point Z	NiPGE		<Null>		oc08071805	Not Recorded			Not Recorded		Not Recorded	Not Recorded
430	Point Z	NiPGE		<Null>		ant130pt1	Not Recorded			Not Recorded		Not Recorded	Not Recorded
434	Point Z	NiPGE		<Null>		oc08072001	Not Recorded		station creek volcanic	Not Recorded	medium to course	Not Recorded	Not Recorded
436	Point Z	NiPGE		<Null>		oc08072002	Not Recorded		utnv	Not Recorded	course	Not Recorded	Not Recorded
437	Point Z	NiPGE		<Null>		oc08072003	Not Recorded		gabbro	Not Recorded	medium	Not Recorded	Not Recorded
440	Point Z	NiPGE		<Null>		oc08072006	Not Recorded		breccia	Not Recorded	fine	Not Recorded	Not Recorded
443	Point Z	NiPGE		<Null>		oc08072008	Not Recorded		diabase	Not Recorded	fine	Not Recorded	Not Recorded
446	Point Z	NiPGE		<Null>		oc08072009	Not Recorded		tuff	Not Recorded		Not Recorded	Not Recorded
541	Point Z	NiPGE	Canalask	7/28/2008	Geological	80705IM001	Assay	NR	dolerite	Station Creek Formation	FINE - MEDIUM	Not Recorded	Not Recorded
435	Point Z	NiPGE		7/20/2008	Geological	rm08072001	Not Recorded		station creek volcanic	Not Recorded		Not Recorded	Not Recorded
449	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	Not Recorded	Not Recorded	Not Recorded	Not Recorded	Not Recorded
524	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	Not Recorded	Not Recorded	Not Recorded	Not Recorded	Not Recorded
525	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	limestone	Hasen Creek Formation	FINE	Not Recorded	Not Recorded
526	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	limestone	Hasen Creek Formation	FINE	Not Recorded	Not Recorded
527	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	limestone	Hasen Creek Formation	FINE	Not Recorded	Not Recorded
528	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation Limestones	MEDIUM - COARSE	Not Recorded	Not Recorded
530	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	MEDIUM - COARSE	Not Recorded	Not Recorded
531	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	MEDIUM - COARSE	Not Recorded	Not Recorded
532	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	MEDIUM - COARSE	Not Recorded	Bedding
534	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	chert	Hasen Creek Formation	FINE	Not Recorded	Bedding
535	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	quartz vein	Not Recorded	NOT DEFINED	Not Recorded	Not Recorded
536	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	FINE	Not Recorded	Not Recorded
537	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	FINE - MEDIUM	Not Recorded	Not Recorded
538	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	FINE	Not Recorded	Not Recorded
539	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	dolerite	Not Recorded	FINE - MEDIUM	Not Recorded	Bedding
540	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	FINE	Not Recorded	Bedding
543	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	shale	Hasen Creek Formation	FINE	Not Recorded	Bedding
544	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	shale	Not Recorded	Not Recorded	Not Recorded	Not Recorded
545	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	shale	Hasen Creek Formation Limestones	FINE	Not Recorded	Bedding
546	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	shale	Hasen Creek Formation	FINE	Not Recorded	Bedding
547	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	shale	Hasen Creek Formation	FINE	Not Recorded	Bedding

Dip	Plunge	DipDTrend	MineralisationType	MineralisationStyle	MineralisationPct	Comments	SampledBy	SitePhoto	X	Y	Z	
0	0	0	Not Recorded	Not Recorded	<Null>				503472.8903	6885476.776	985.0899	
0	0	0	Not Recorded	Not Recorded	<Null>				511861.0493	6881985.608	1168.323	
0	0	0	Not Recorded	Not Recorded	<Null>	limestone between volcanics		yes	514260.6294	6879983.711	1211.984	
0	0	0	Not Recorded	Not Recorded	<Null>	limestone within stationcreek volcanics	Chris Doley		507748.0962	6882242.245	1289.0217	
0	0	0	Not Recorded	Not Recorded	<Null>				507732.5204	6882347.188	1300.0516	
0	0	0	Not Recorded	Not Recorded	<Null>				507587.494	6882359.69	1243.7616	
0	0	0	Not Recorded	Not Recorded	<Null>				507271.7353	6882507.2	1212.2515	
0	0	0	Not Recorded	Not Recorded	<Null>				506500.4144	6882902.839	1044.1512	
0	0	0	Not Recorded	Not Recorded	<Null>				512014.4284	6877839.163	1266.4935	
45	180	0	Not Recorded	Not Recorded	<Null>	contact between gabbro and basalt,MN			512048.4059	6877835.755	1269.2435	
						contact between basalt and underlying gabbro,MN,oc shows						
58	36	0	Not Recorded	Not Recorded	<Null>	normal faulting			2555	512054.8496	6877833.457	1256.4935
						brecciated limestone boulder dripping with sulfides,PB_ZN						
0	0	0	Not Recorded	Not Recorded	<Null>	potential		25,562,557	512187.6279	6877604.275	1071.0136	
0	0	0	Not Recorded	Not Recorded	<Null>				511733.4966	6878835.158	1491.3133	
0	0	0	Not Recorded	Not Recorded	<Null>				512100.5823	6878847.327	1305.3034	
						approx 1 - 2m across, very weathered fine medium grained volcanic, 20m outcrop in length, at Station Creek - Hasen Creek						
0	0	0	Pyrite	Specks		2 Fault zone boundary	Ian McCutcheon	699, 700, 701	502063.8547	6883195.233	1511.1497	
0	0	0	Not Recorded	Not Recorded	<Null>				512014.4512	6877842.561	1280.3235	
0	0	0	Not Recorded	Not Recorded		0 delete me	Not Recorded		525791.4108	6880117.275	0	
0	0	0	Not Recorded	Not Recorded		0 delete me	Not Recorded		525791.4108	6880117.275	0	
0	0	0	Not Recorded	Not Recorded		0	Richard Montjoie		501682.5709	6882380.487	1863.2496	
0	0	0	Not Recorded	Not Recorded		0 crinoids in limestone	Richard Montjoie	2624	501627.8659	6882413.323	1876.4496	
65	3	0	Not Recorded	Not Recorded		0 Crinoids	Richard Montjoie		501627.4308	6882412.581	1876.5496	
0	0	0	Not Recorded	Not Recorded		0 crystal tuff	Ian McCutcheon	1253, 1254	501602.5976	6882442.647	1892.4496	
0	0	0	Pyrite	Specks		0 more felsic tuff, xal rich	Richard Montjoie		501528.3812	6882490.516	1918.4496	
0	0	0	Not Recorded	Not Recorded		0 Xal rich phase tuff	Richard Montjoie		501427.3457	6882538.932	1957.5495	
71	165	0	Not Recorded	Bedding		0 fine grained, disyint bedding, interbedded ash and Xal rich tuffs	Ian McCutcheon		1284	501368.487	6882735.161	1936.9495
						interbedded cherts and Xal tuffs, minor ferrugenous staining						
90	17	0	Not Recorded	Not Recorded		0 between beds	Ian McCutcheon		1296	501384.5226	6882914.897	1916.0495
0	0	0	Not Recorded	Not Recorded		0 ~20cm thick, poorly exposed	Ian McCutcheon			501420.6373	6882962.258	1886.2495
0	0	0	Not Recorded	Not Recorded		0 very fine grained welded tuff	Ian McCutcheon			501393.6349	6882988.426	1884.7495
0	0	0	Not Recorded	Not Recorded		0	Richard Montjoie			501461.5043	6883091.687	1823.2495
0	0	0	Pyrite	Vein		2 sulphide staining on tuff related to x-cutting qz veins	Richard Montjoie		1298	501624.3977	6882926.886	1761.8496
70	250	0	Not Recorded	Not Recorded		0 fine grained homogenous intrusive igneous rock, probably a dyke	Richard Montjoie		1301	501938.5121	6882991.665	1580.4497
60	162	0	Not Recorded	Not Recorded		0 interbedded tuffs and cherts	Paul Nex		1302	501939.1978	6883010.603	1568.1497
34	48	0	Not Recorded	Not Recorded		0 vague space cleavage in shale rich bands	Richard Montjoie		1305	502158.599	6883302.424	1446.3497
						cleavage on bedding plane intersection - gives the fold axis -						
10	106	0	Not Recorded	Not Recorded		0 interbedded shale mudstone	Paul Nex			502201.4367	6883296.882	1439.4497
68	10	0	Not Recorded	Not Recorded		0	Richard Montjoie			502201.697	6883298.182	1440.3497
74	10	0	Not Recorded	Not Recorded		0	Ian McCutcheon			502259.9848	6883363.019	1405.1497
40	40	0	Not Recorded	Not Recorded		0	Ian McCutcheon			502444.6554	6883580.568	1349.6498

548	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	shale	Hasen Creek Formation	FINE	Not Recorded	Bedding
549	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	shale	Hasen Creek Formation	Not Recorded	Not Recorded	Bedding
550	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	shale	Hasen Creek Formation	Not Recorded	Not Recorded	Not Recorded
551	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	shale	Hasen Creek Formation	FINE	Not Recorded	Bedding
552	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	shale	Hasen Creek Formation	Not Recorded	Not Recorded	Not Recorded
553	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	MEDIUM	Not Recorded	Not Recorded
554	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	Not Recorded	Not Recorded	Not Recorded
555	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	Not Recorded	Not Recorded	Not Recorded
556	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	tuff	Not Recorded	FINE	Not Recorded	Not Recorded
557	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	conglomerate	Hasen Creek Formation	FINE - MEDIUM	Not Recorded	Not Recorded
558	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	shale	Hasen Creek Formation	FINE	Not Recorded	Bedding
559	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	Not Recorded	Not Recorded	Bedding
560	Point Z	NiPGE	Canalask	7/28/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	Not Recorded	Not Recorded	Not Recorded
561	Point Z	NiPGE	Canalask	7/30/2008	Geological		Not Recorded	NR	limestone	Hasen Creek Formation Limestones	FINE	Not Recorded	Not Recorded
562	Point Z	NiPGE	Canalask	7/30/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	MEDIUM	Not Recorded	Not Recorded
563	Point Z	NiPGE	Canalask	7/30/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	MEDIUM	Not Recorded	Not Recorded
564	Point Z	NiPGE	Canalask	7/30/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	FINE - MEDIUM	Not Recorded	Not Recorded
565	Point Z	NiPGE	Canalask	7/30/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	MEDIUM - COARSE	Not Recorded	Not Recorded
566	Point Z	NiPGE	Canalask	7/30/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	MEDIUM	Not Recorded	Not Recorded
567	Point Z	NiPGE	Canalask	7/30/2008	Geological		Not Recorded	NR	tuff	Hasen Creek Formation	Not Recorded	Not Recorded	Not Recorded
568	Point Z	NiPGE	Canalask	7/30/2008	Geological		Not Recorded	NR	volcanic breccia	Hasen Creek Formation	MEDIUM - COARSE	Not Recorded	Not Recorded
569	Point Z	NiPGE	Canalask	7/30/2008	Geological		Not Recorded	NR	volcanic breccia	Hasen Creek Formation	FINE	Not Recorded	Not Recorded
570	Point Z	NiPGE	Canalask	7/30/2008	Geological		Not Recorded	NR	basalt	Nikolai Formation	FINE	Not Recorded	Not Recorded
604	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	tuff	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
606	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	tuff	Not Recorded	MEDIUM	Not Recorded	Not Recorded
607	Point Z	NiPGE	Canalask	8/2/2008	Geological	80802IM001	Not Recorded	NR	pyroclastic	Station Creek Formation	FINE - MEDIUM	Not Recorded	Not Recorded
608	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	tuff	Station Creek Formation	FINE	Not Recorded	Not Recorded
609	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	pyroclastic	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
610	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	pyroclastic	Station Creek Formation	MEDIUM	Not Recorded	Not Recorded
611	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	pyroclastic	Station Creek Formation	MEDIUM	Not Recorded	Joint
612	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	pyroclastic	Station Creek Formation	MEDIUM	Not Recorded	Not Recorded
613	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	pyroclastic	Station Creek Formation	MEDIUM	Not Recorded	Not Recorded
614	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	pyroclastic	Station Creek Formation	MEDIUM	Not Recorded	Shear
615	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	pyroclastic	Station Creek Formation	MEDIUM	Not Recorded	Shear
616	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	pyroclastic	Station Creek Formation	MEDIUM	Not Recorded	Shear
617	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	pyroclastic	Station Creek Formation	FINE - MEDIUM	Not Recorded	Fault
618	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	shale	Station Creek Formation	MEDIUM	Not Recorded	Bedding
619	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	tuff	Station Creek Formation	FINE - MEDIUM	Not Recorded	Not Recorded
620	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	tuff	Station Creek Formation	FINE - MEDIUM	Not Recorded	Not Recorded
621	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	tuff	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded

62	13 Not Recorded	Not Recorded	0 interbedded shale and mudstone	Ian McCutcheon		502520.6237	6883854.673	1254.0498
70	2 Not Recorded	Not Recorded	0	Paul Nex		502604.0055	6883979.878	1246.4498
			Crenulation cleavage representing another strain event (D2?), sub					
0	0 Not Recorded	Not Recorded	0 horizontal axial planes repesent sigma 1	Paul Nex		502597.1191	6883992.87	1262.2498
60	25 Not Recorded	Not Recorded	0	Ian McCutcheon		502426.3585	6884331.593	1202.9497
0	0 Not Recorded	Not Recorded	0 approximate last outcrop of shales	Richard Montjoie		502680.7661	6884435.018	1150.1498
0	0 Not Recorded	Not Recorded	0 probably Hasen Creek...	Ian McCutcheon		502854.1379	6884533.565	1121.8498
0	0 Not Recorded	Not Recorded	0 liminotic m grained tuff, no apparent fault in river	Ian McCutcheon		502879.7746	6884577.034	1136.5498
0	0 Not Recorded	Not Recorded	0	Ian McCutcheon		502952.7828	6884686.828	1104.1498
0	0 Not Recorded	Not Recorded	0 fine grained massive tuff	Richard Montjoie		502965.4775	6884699.465	1102.5498
0	0 Not Recorded	Not Recorded	0 tuffaceous matrix with large rounded clasts, ~3 - 10 cm	Richard Montjoie	2645	503026.5261	6884845.085	1086.5498
64	180 Not Recorded	Not Recorded	0 interbedded klimonitic sandstone and shale	Richard Montjoie	1320, 1321	503052.4185	6884889.483	1078.4498
			interbedded tuff, mudstone, shale, with pyritic / limonitic staing,					
62	150 Not Recorded	Specks	0 possible conductor	Richard Montjoie	2024	503147.7876	6884988.719	1060.6499
0	0 Not Recorded	Not Recorded	0	Richard Montjoie		503473.336	6885483.294	989.5499
0	0 Not Recorded	Not Recorded	0	Richard Montjoie		501728.7389	6882354.887	1869.1497
0	0 Not Recorded	Not Recorded	0	Richard Montjoie		501789.7113	6882330.967	1880.9497
40	205 Not Recorded	Not Recorded	0 difficult strike reading, may be incorrect	Richard Montjoie		502189.9736	6882308.365	1798.3498
0	0 Malachite	Bedding	4 copper oxid staining on c grained xtal tuff	Richard Montjoie		502205.9903	6882319.515	1796.4498
0	0 Not Recorded	Not Recorded	0 end of xal tuff, some jasper present	Richard Montjoie		502241.0445	6882382.481	1763.5498
0	0 Not Recorded	Not Recorded	0 still in tuff!	Richard Montjoie		502488.6467	6882473.632	1733.6499
0	0 Not Recorded	Not Recorded	0	Richard Montjoie		502607.8238	6882524.038	1713.1499
0	0 Not Recorded	Not Recorded	0 sub-unded tuff clasts in xal tuff matrix	Richard Montjoie		502719.2043	6882519.484	1728.75
0	0 Not Recorded	Not Recorded	0 welded tuff matrix containing welded tuff / chert / tuff clasts	Not Recorded		502840.4238	6882516.613	1713.25
0	0 Malachite	Disseminated	2 fir t occurence of nicolai	Richard Montjoie		502929.4393	6882495.336	1701.65
			tufficite, tuff containing some sedimentary clasts, fine grained					
0	0 Pyrite	Specks	0 matrix	Richard Montjoie	1423	507913.5939	6882901.017	1521.1516
0	0 Not Recorded	Not Recorded	0 crystal tuff	Richard Montjoie		507601.7814	6883137.405	1517.2515
			good example of pyroclastic, large rounded clasts of crystal tuff,					
0	0 Not Recorded	Not Recorded	0 bordering on breccia	Ian McCutcheon	1425, 1426, 1527	507550.639	6883192.064	1516.1515
0	0 Not Recorded	Not Recorded	0 interbedded tuff and pyroclastic	Richard Montjoie		507428.2847	6883284.629	1540.9514
0	0 Not Recorded	Not Recorded	0 purple/maroon matrix, sub rounded clasts, buff tan colour	Richard Montjoie		507338.0162	6883358.144	1534.5514
			pyroclastic with rugby ball sized clasts, maroon crystal tuff matrix					
0	0 Not Recorded	Not Recorded	0 with tan coloured clasts	Richard Montjoie		507317.221	6883352.529	1527.7514
			cleavage measurement! in pyroclastic crystal tudf matrix clkeavage					
70	35 Not Recorded	Not Recorded	0 cross cuts clasts	Paul Nex		507317.9697	6883368.684	1533.6514
0	0 Not Recorded	Not Recorded	0	Richard Montjoie		507217.7663	6883490.083	1540.8514
0	0 Not Recorded	Not Recorded	0	Richard Montjoie		507089.2949	6883603.257	1564.1513
68	10 Not Recorded	Not Recorded	0	Ian McCutcheon		507057.19	6883678.201	1544.5513
70	334 Not Recorded	Not Recorded	0 cross cutting structures - joint/shear plane	Richard Montjoie		507043.8709	6883720.135	1546.4513
44	347 Not Recorded	Not Recorded	0 crosd cuttingshear fabric	Richard Montjoie		507044.4749	6883722.736	1547.1513
90	110 Not Recorded	Not Recorded	0 fault gauge, slickenslides	Richard Montjoie		507026.1454	6883746.278	1546.5513
70	30 Not Recorded	Not Recorded	0	Not Recorded		507074.6571	6883859.452	1548.1513
0	0 Not Recorded	Not Recorded	0 crystal tuff	Richard Montjoie		507083.0792	6883869.682	1547.2513
0	0 Not Recorded	Not Recorded	0 fine grained crystal tuff	Richard Montjoie		507059.9558	6883854.78	1546.8513
0	0 Not Recorded	Not Recorded	0 crystal tuff	Richard Montjoie		506893.719	6883886.002	1543.0512

622	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	pyroclastic	Station Creek Formation	MEDIUM	Not Recorded	Not Recorded
623	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	tuff	Not Recorded	Not Recorded	Not Recorded	Shear
624	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	tuff	Not Recorded	Not Recorded	Not Recorded	Not Recorded
625	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	pyroclastic	Station Creek Formation	MEDIUM	Not Recorded	Not Recorded
626	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	tuff	Not Recorded	Not Recorded	Not Recorded	Not Recorded
628	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	limestone	Station Creek Formation	FINE - MEDIUM	Not Recorded	Not Recorded
629	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	shale	Station Creek Formation	FINE	Not Recorded	Not Recorded
630	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	tuff	Station Creek Formation	FINE - MEDIUM	Not Recorded	Bedding
631	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	sandstone	Station Creek Formation	FINE - MEDIUM	Not Recorded	Not Recorded
633	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	pyroclastic	Station Creek Formation	FINE	Not Recorded	Not Recorded
634	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	tuff	Station Creek Formation	FINE	Not Recorded	Not Recorded
639	Point Z	NiPGE	Canalask	8/2/2008	Geological		Not Recorded	NR	dolerite	Station Creek Formation	FINE	Not Recorded	Not Recorded
422	Point Z	NiPGE		<Null>	Geological		Not Recorded		basalts	Not Recorded		Not Recorded	Not Recorded
470	Point Z	NiPGE	Canalask	<Null>	Geological		Not Recorded	NR	volcanic breccia	Nikolai Formation	FINE - MEDIUM	Not Recorded	Not Recorded
471	Point Z	NiPGE	Canalask	<Null>	Geological		Not Recorded	Nutz	volcanic breccia	Nikolai Formation	FINE - MEDIUM	Not Recorded	Shear
475	Point Z	NiPGE	Canalask	<Null>	Geological		Not Recorded	NR	basalt	Nikolai Formation	FINE - MEDIUM	Not Recorded	Shear
480	Point Z	NiPGE	Canalask	<Null>	Geological		Not Recorded	Nutz	basalt	Nikolai Formation	FINE - MEDIUM	Not Recorded	Not Recorded
481	Point Z	NiPGE	Canalask	<Null>	Geological		Not Recorded	Nutz	dolerite	Not Recorded	FINE	Not Recorded	Contact
484	Point Z	NiPGE	Canalask	<Null>	Geological		Not Recorded	Nutz	dolerite	Not Recorded	FINE	Not Recorded	Not Recorded
485	Point Z	NiPGE	Canalask	<Null>	Geological		Not Recorded	Nutz	greenstone	Not Recorded	Not Recorded	Not Recorded	Shear
487	Point Z	NiPGE	Canalask	<Null>	Geological		Not Recorded	NR	limestone	Hasen Creek Formation Limestones	FINE	Not Recorded	Not Recorded
627	Point Z	NiPGE	Canalask	8/2/2008	Geological	80802IM002	ShowTell	NR	quartz vein	Station Creek Formation	NOT DEFINED	Not Recorded	Vein
650	Point Z	NiPGE	Canalask	8/4/2008	Geological	80803SO001	ShowTell	NR	Not Recorded	Station Creek Formation	MEDIUM	Not Recorded	Not Recorded
652	Point Z	NiPGE	Canalask	8/4/2008	Geological	80804SO02	ShowTell	NR	shale	Not Recorded	VERY FINE	Not Recorded	Not Recorded
576	Point Z	NiPGE	Canalask	7/9/2008	Rock	80709IM001	Assay	NR	quartz vein	Station Creek Formation	NOT DEFINED	Not Recorded	Not Recorded
439	Point Z	NiPGE	Canalask	7/20/2008	Rock	80720RM002	Assay		dolerite	Not Recorded	fine	Not Recorded	Not Recorded
441	Point Z	NiPGE	Canalask	7/20/2008	Rock	80720RM003	Assay		norite	Not Recorded	COARSE	Not Recorded	Not Recorded
442	Point Z	NiPGE	Canalask	7/20/2008	Rock	80720RM004	Assay		breccia	Not Recorded	MEDIUM	Not Recorded	Not Recorded
472	Point Z	NiPGE	Canalask	7/27/2008	Rock	80727RM001	Assay	Nutz	gossan	Nikolai Formation	FINE	Not Recorded	Shear
473	Point Z	NiPGE	Canalask	7/27/2008	Rock	80727RM002	Assay	Nutz	gossan	Nikolai Formation	FINE	Not Recorded	Not Recorded
474	Point Z	NiPGE	Canalask	7/27/2008	Rock	80727IM001	Assay	Nutz	gossan	Nikolai Formation	FINE - MEDIUM	Not Recorded	Shear
476	Point Z	NiPGE	Canalask	7/27/2008	Rock	80727IM002	Assay	Nutz	quartz vein	Nikolai Formation	NOT DEFINED	Not Recorded	Fold Axis Plain
478	Point Z	NiPGE	Canalask	7/27/2008	Rock	80727IM004	Assay	Nutz	gossan	Not Recorded	FINE	Not Recorded	Not Recorded
479	Point Z	NiPGE	Canalask	7/27/2008	Rock	80727RM003	Assay	Nutz	gossan	Nikolai Formation	FINE	Not Recorded	Not Recorded
483	Point Z	NiPGE	Canalask	7/27/2008	Rock	80727IM006	Assay	Nutz	gossan	Nikolai Formation	FINE	Not Recorded	Not Recorded
486	Point Z	NiPGE	Canalask	7/27/2008	Rock	80727IM007	Assay	Nutz	gossan	Nikolai Formation	FINE	Not Recorded	Shear
529	Point Z	NiPGE	Canalask	7/28/2008	Rock	80728IM001	Assay	NR	quartz vein	Station Creek Formation	NOT DEFINED	Not Recorded	Vein
577	Point Z	NiPGE	Canalask	7/8/2008	Rock	80708IM001	MagSus	NR	shale	Hasen Creek Formation Limestones	FINE	Not Recorded	Not Recorded
542	Point Z	NiPGE	Canalask	7/28/2008	Rock	80728IM003	MagSus	NR	black shale	Hasen Creek Formation	FINE	Not Recorded	Bedding
482	Point Z	NiPGE	Canalask	7/27/2008	Rock	80727IM005	Not Recorded	Nutz	gossan	Nikolai Formation	FINE	Not Recorded	Shear
600	Point Z	NiPGE	Canalask	6/21/2008	Rock	80621IM001	ShowTell	NR	quartz vein	Not Recorded	NOT DEFINED	Not Recorded	Not Recorded

	0	0 Not Recorded	Not Recorded		0 purple matrix pyroclastic with ~3cm tuff clasts	Richard Montjoie		506884.318	6883885.983	1550.4512
	90	341 Not Recorded	Not Recorded		0 iron staining shear	Richard Montjoie		506669.4374	6884132.31	1558.6511
	0	0 Not Recorded	Not Recorded		0 crystal tuff bordering on pyroclastic	Richard Montjoie		506662.0446	6884173.7	1565.7511
	0	0 Not Recorded	Not Recorded		0	Richard Montjoie		506689.3976	6884206.246	1570.5511
	0	0 Not Recorded	Not Recorded		0 crystal tuff	Richard Montjoie		506698.8469	6884313.397	1571.6511
	0	0 Not Recorded	Not Recorded		0 limestone with shell fragments - finger nail sized	Richard Montjoie		506684.3434	6884341.591	1576.3511
	0	0 Not Recorded	Not Recorded		0 float mapping of shales, no real exposure.	Richard Montjoie		506685.4169	6884370.929	1579.9511
	18	114 Not Recorded	Not Recorded		0 finer grained crystal tuff	Richard Montjoie		506629.3917	6884402.754	1576.8511
	0	0 Not Recorded	Not Recorded		0 immature clastic / sandstone	Richard Montjoie		506607.2281	6884432.047	1581.6511
	0	0 Not Recorded	Not Recorded		0	Richard Montjoie		506418.7969	6884389.351	1475.551
	0	0 Not Recorded	Not Recorded		0 fine grained 'lapilli?' tuff	Richard Montjoie		506131.7192	6884364.125	1268.4509
	0	0 Not Recorded	Not Recorded		0 massive dolorite, could be homogenous tuff	Richard Montjoie		505521.8154	6884451.826	1029.7507
	0	0 Not Recorded	Not Recorded	<Null>				507745.222	6882234.719	1289.2317
					volcanic beccia,tuff, clasts of amygdaloidak, minor veining and serpentization					
	0	0 Not Recorded	Not Recorded	<Null>		Richard Montjoie	2611	503557.2953	6882665.826	1450.0502
	90	220 Not Recorded	Not Recorded	<Null>	sheare fabric, sub vertical, Denali parallel?	Richard Montjoie		503543.4579	6882741.565	1436.5502
	80	170 Not Recorded	Not Recorded	<Null>	General shear fabric through the area	Richard Montjoie		503601.5676	6882713.033	1398.6502
	0	0 Not Recorded	Not Recorded	<Null>		Richard Montjoie		503604.0377	6882682.957	1405.6502
	80	350 Not Recorded	Not Recorded	<Null>	~50cm thick altered dolorite dyke	Richard Montjoie		503612.3928	6882687.05	1407.7502
	75	296 Not Recorded	Not Recorded	<Null>	dolerite dyke, ~80cm wide	Richard Montjoie		503663.854	6882768.801	1341.1503
	85	168 Not Recorded	Not Recorded	<Null>	2 shear fabrics, possibly related to large shear on ~070/260 trend	Richard Montjoie		503752.0602	6882769.454	1300.6503
	0	0 Not Recorded	Not Recorded	<Null>	first occurence of sedimentry rock in stream section	Richard Montjoie		504006.8971	6883090.585	1153.1503
	90	298 Pyrite	Specks		1 Gruber showing? ~2 m qz vein,	Ian McCutcheon		506689.7168	6884353.113	1576.4511
	0	0 Not Recorded	Not Recorded		0	Sam Oshati		506134.8386	6883939.315	1194.151
	0	0 Not Recorded	Not Recorded		0	Sam Oshati		505894.578	6883598.553	1049.8509
					10 m thick quartz vein, iron staining, possible stockwork, near very					
<Null>	<Null>	Pyrite	Vein		5 siliceus staion Creek Volcanics	Ian McCutcheon	866, 867, 868	501578	6882491	0
	0	0 Pyrite	Specks		8 rusty boulder from stream bed	Richard Montjoie	1381 1382, 1383	512206.798	6877598.997	1070.5936
	0	0 Chalcopyrite	Specks		1 boulder from stream bed, ultramafic?, or horneblende crystals	Richard Montjoie	1384	512193.7137	6877594.939	1065.0536
	0	0 Pyrite	Disseminated		8 Boulder, check for Pb Zn potential	Richard Montjoie	2556, 2557	512192.263	6877605.499	1072.1836
	90	220 Pyrite	Specks		5 Nutz showing, on shear fabric, 220	Richard Montjoie	1214	503579.566	6882768.339	1453.3502
	0	0 Pyrite	Specks		5	Richard Montjoie		503585.1562	6882751.82	1392.5502
	0	0 Pyrite	Specks		2 Fault zone gossan. in a basaltic matrix with amygdales.	Ian McCutcheon	2613	503603.307	6882715.077	1395.7502
	33	298 Pyrite	Specks		8 Not a fold axis plain, just a fold axis, malachite staining	Richard Montjoie	2614	503610.3074	6882764.658	1358.8502
	0	0 Pyrite	Specks		5 sulphur effeescence	Richard Montjoie	2615, 2616	503610.7502	6882757.603	1376.9502
	0	0 Pyrite	Specks		5 Large gossan outxrop,abundant pyrite	Richard Montjoie		503622.6286	6882723.824	1381.5502
	0	0 Pyrite	Specks		5 close to upper contact with basalts, probably basaltic matrix	Ian McCutcheon	1223, 1224, 1225,	503650.4569	6882757.275	1354.1503
	0	0 Pyrite	Specks		5 extremely sheared	Ian McCutcheon	1230	503757.6118	6882788.584	1294.7503
	75	216 Pyrite	Specks		2 ~5m wide vein, rusty colouring	Richard Montjoie	1255	501558.5267	6882457.48	1890.3496
					Ground truthing site locality for WRR0810A in Block C with Steve					
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	Israel, shale could be source of M anomaly adjacent to large scale	Ian McCutcheon	848 - 858	538431	6854862.963	0
	50	32 Not Recorded	Not Recorded		0 black shale adjacent to fault zone	Ian McCutcheon	1304	502066.5965	6883267.832	1479.4497
	80	50 Pyrite	Specks		5 non magnetic, mineralization associated with shear/strain zones	Ian McCutcheon	2619, 952, 1222	503644.4117	6882710.665	1373.9503
<Null>	<Null>	Pyrite	Vein		4 Quartz vein rubblecrop sample, base of scree	Ian McCutcheon	<Null>	511135	6878886.963	0

601	Point Z	NiPGE	Canalask	6/22/2008	Rock	80622SO001	ShowTell	NR	basalt	Nikolai Formation	FINE - MEDIUM	Not Recorded	Not Recorded
602	Point Z	NiPGE	Canalask	6/22/2008	Rock	80622SO002	ShowTell	NR	basalt	Station Creek Formation	FINE	Not Recorded	Not Recorded
603	Point Z	NiPGE	Canalask	6/22/2008	Rock	80622CD001	ShowTell	NR	granodiorite	Kluane Ranges Suite	MEDIUM	Not Recorded	Not Recorded
582	Point Z	NiPGE	Canalask	6/26/2008	Rock	80626CD002	ShowTell	NR	mudstone	Hasen Creek Formation Limestones	FINE	Not Recorded	Not Recorded
597	Point Z	NiPGE	Canalask	6/26/2008	Rock	80626CD003	ShowTell	NR	tuff	Not Recorded	Not Recorded	Not Recorded	Not Recorded
583	Point Z	NiPGE	Canalask	6/28/2008	Rock	80628CD001	ShowTell	NR	quartz vein	Not Recorded	NOT DEFINED	Not Recorded	Not Recorded
585	Point Z	NiPGE	Canalask	6/28/2008	Rock	80628CD002	ShowTell	NR	quartz vein	Not Recorded	NOT DEFINED	Not Recorded	Not Recorded
588	Point Z	NiPGE	Canalask	6/28/2008	Rock	80628IM003	ShowTell	NR	tuff	Station Creek Formation	MEDIUM - COARSE	Not Recorded	Not Recorded
589	Point Z	NiPGE	Canalask	6/28/2008	Rock	80628IM002	ShowTell	NR	tuff	Station Creek Formation	MEDIUM	Not Recorded	Not Recorded
596	Point Z	NiPGE	Canalask	6/28/2008	Rock	80628IM001	ShowTell	NR	tuff	Station Creek Formation	MEDIUM	Not Recorded	Not Recorded
580	Point Z	NiPGE	Canalask	6/29/2008	Rock	80629CD001	ShowTell	NR	tuff	Station Creek Formation	MEDIUM	Not Recorded	Not Recorded
584	Point Z	NiPGE	Canalask	6/29/2008	Rock	80629CD001	ShowTell	NR	tuff	Station Creek Formation	FINE	Not Recorded	Not Recorded
595	Point Z	NiPGE	Canalask	6/29/2008	Rock	80629CD004	ShowTell	NR	volcaniclastic	Station Creek Formation	FINE	Not Recorded	Not Recorded
591	Point Z	NiPGE	Canalask	7/2/2008	Rock	80702CD003	ShowTell	NR	tuff	Station Creek Formation	FINE - MEDIUM	Not Recorded	Not Recorded
593	Point Z	NiPGE	Canalask	7/2/2008	Rock	80702CD002	ShowTell	NR	dolerite	Not Recorded	Not Recorded	Epidote	Not Recorded
594	Point Z	NiPGE	Canalask	7/2/2008	Rock	80702CD001	ShowTell	NR	volcaniclastic	Station Creek Formation	FINE	Not Recorded	Not Recorded
581	Point Z	NiPGE	Canalask	7/3/2008	Rock	80703CD002	ShowTell	NR	tuff	Station Creek Formation	MEDIUM	Not Recorded	Not Recorded
586	Point Z	NiPGE	Canalask	7/3/2008	Rock	80703CD003	ShowTell	NR	tuff	Station Creek Formation	FINE	Not Recorded	Not Recorded
587	Point Z	NiPGE	Canalask	7/3/2008	Rock	80703CD001	ShowTell	NR	tuff	Station Creek Formation	FINE	Not Recorded	Not Recorded
578	Point Z	NiPGE	Canalask	7/5/2008	Rock	80705IM002	ShowTell	NR	tuff	Station Creek Formation	FINE	Not Recorded	Not Recorded
364	Point Z	NiPGE	Canalask	7/8/2008	Rock	80708CD002	ShowTell		tuff	Station Creek Formation	MEDIUM - COARSE	Not Recorded	Not Recorded
571	Point Z	NiPGE	Canalask	7/9/2008	Rock	80709IM002	ShowTell	NR	volcanic breccia	Station Creek Formation	FINE - MEDIUM	Not Recorded	Not Recorded
477	Point Z	NiPGE	Canalask	7/27/2008	Rock	80727IM003	ShowTell	Nutz	pyroclastic	Station Creek Formation	MEDIUM	Not Recorded	Not Recorded
533	Point Z	NiPGE	Canalask	7/28/2008	Rock	80728IM002	ShowTell	NR	quartz vein	Station Creek Formation	NOT DEFINED	Not Recorded	Vein
605	Point Z	NiPGE	Canalask	8/2/2008	Rock	80802PN001	ShowTell	NR	tuff	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
632	Point Z	NiPGE	Canalask	8/2/2008	Rock	80802IM003	ShowTell	NR	sandstone	Station Creek Formation	FINE - MEDIUM	Not Recorded	Bedding
636	Point Z	NiPGE	Canalask	8/2/2008	Stream	80802CD001	Assay	NR	overburden	Station Creek Formation	NOT DEFINED	Not Recorded	Not Recorded
637	Point Z	NiPGE	Canalask	8/2/2008	Stream	80802CD002	Assay	NR	tuff	Station Creek Formation	NOT DEFINED	Not Recorded	Not Recorded
638	Point Z	NiPGE	Canalask	8/2/2008	Stream	80802CD003	Assay	NR	overburden	Not Recorded	NOT DEFINED	Not Recorded	Not Recorded
640	Point Z	NiPGE	Canalask	8/2/2008	Stream	80802CD004	Assay	NR	dolerite	Station Creek Formation	FINE - MEDIUM	Not Recorded	Not Recorded

<Null>	<Null>	Not Recorded	Not Recorded	<Null>	Amygdaloidal basalt, maroon in colour, typical Nicolai?	Sam Oshati	<Null>	511134.762	6878887.399	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	fine grained almost "cherty" basalt, doesn't have Nicolai feel to it	Sam Oshati		510605.0366	6878591	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	Unusual place for Kluane Ranges Suite - rock type needs confirming, mineralogy is orthoclase?, hornblende? pyroxene?	Chris Doley	<Null>	511390	6878212	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	Fine grained mudstone/ chert, could be a tuff	Chris Doley	<Null>	506031.0366	6880046	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	welded tuff - not sure if sample is from outcrop	Chris Doley		506614	6880351.963	0	
<Null>	<Null>				Azurite and malachite mineralization on probably qz vein, could be						
<Null>	<Null>	Malachite	Bedding		10 crystal tuff	Chris Doley	1388, 1389	511174	6879171.963	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	Minor copper oxide staining	Not Recorded	<Null>	511175	6879171	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	<Null>	Not Recorded	<Null>	510119	6880938	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	<Null>	Not Recorded	<Null>	511328	6880290	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	Varied crystals in crystal tuff, greenish matrix	Ian McCutcheon	<Null>	511331.0366	6880217.963	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	Crystal tuff, rounded porphyroblasts	Chris Doley	<Null>	506662.396	6883969.179	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	Fine grained tuff with small cross cutting quartz veins	Chris Doley	<Null>	507434	6883283.963	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	green- greenish grey with minor amounts of pyrite	Chris Doley	<Null>	510956	6881526	0	
<Null>	<Null>	Pyrite	Specks		2 Pyritic siliceous crystal tuff	Chris Doley	<Null>	506833.0366	6884717	0	
<Null>	<Null>				Minor copper oxides, possibly a basalt, epidote, quartz vein cross cutting						
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	<Null>	Chris Doley		506522	6884848.963	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	<Null>	Not Recorded	<Null>	506519.0366	6884846	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	crystal tuff with some oxidised pyrite	Chris Doley		501596.0366	6882400	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	Fine grained tuff, some bedding visible	Chris Doley		502090	6882122	0	
<Null>	<Null>	Not Recorded	Not Recorded	<Null>	Very fine grained crystal tuff	Chris Doley		502090.7067	6882121.997	0	
<Null>	<Null>				rubble crop float sample, almost at contact between shale and						
<Null>	<Null>	Pyrite	Specks		3 volcanics	Not Recorded		714	502417	6883005	0
					Float? from Beaver Creek, ~3mm bleb of sulphide mineralization in						
	0	0 Pyrite	Specks		3 clast, evidence of brecciation of other clasts	Chris Doley	1373, 1374	505638.7098	6882279.948	896.511	
					Part of explosive breccia, very distinct, not seen before by Steve		1575,1576, 873 -				
<Null>	<Null>	Pyrite	Specks		4 Israel, possible breccia forming in graben, near dacite dome?	Ian McCutcheon	884	502836.9067	6882503.768	0	
					intrusive. Gossan is probably related to cross cutting structures;						
	0	0 Pyrite	Specks		3 fold intersecting shears	Ian McCutcheon		2614	503614.4834	6882768.005	1380.6502
					thin ~10cm qz vein, reactivation of veins, slickenslides, sub						
	90	69 Pyrite	Vein		10 horizontal	Ian McCutcheon	1288, 1289, 1290	501367.0849	6882757.256	1930.4495	
	0	0 Not Recorded	Not Recorded		0 excellent example of polycrystalline tuff	Paul Nex		507833.7777	6882926.269	1517.0516	
18		80 Not Recorded	Not Recorded		0 good bedding	Richard Montjoie		1454	506572.8924	6884455.189	1573.7511
					medium gradient, 1 m wide, trap site quality = poor, greater than						
	0	0 Not Recorded	Not Recorded		0 200m from out crop, pretty organic.	Chris Doley		2659	505966.6104	6884366.987	1198.9509
					medium grad, 2-3 cm stream width, distance to OC = 50 m, trap						
	0	0 Not Recorded	Not Recorded		0 site quality= poor, Organic	Chris Doley		2660	505785.9884	6884382.455	1142.1508
					medium slope, 1.5m wide, fairly organic, 50m to outcrop, dry						
	0	0 Not Recorded	Not Recorded		0 stream	Richard Montjoie		2661	505555.0279	6884472.305	1060.4507
					2m wide stream, 10m from outcrop up stream, organic , good trap						
	0	0 Not Recorded	Not Recorded		0 site, medium gradient,dry stream.	Chris Doley		505452.8517	6884419.222	987.9507	

641	Point Z	NiPGE	Canalask	8/2/2008	Stream	80802CD005	Assay	NR	overburden	Not Recorded	Not Recorded	Not Recorded	Not Recorded
642	Point Z	NiPGE	Canalask	8/3/2008	Stream	80803CD001	Assay	NR	overburden	Not Recorded	Not Recorded	Not Recorded	Not Recorded
643	Point Z	NiPGE	Canalask	8/3/2008	Stream	80803CD002	Assay	NR	Not Recorded	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
644	Point Z	NiPGE	Canalask	8/3/2008	Stream	80803CD003	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
645	Point Z	NiPGE	Canalask	8/3/2008	Stream	80803CD004	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
646	Point Z	NiPGE	Canalask	8/3/2008	Stream	80803CD005	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
648	Point Z	NiPGE	Canalask	8/3/2008	Stream	80803CD007	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
649	Point Z	NiPGE	Canalask	8/4/2008	Stream	89804CD001	Assay	NR	overburden	Not Recorded	Not Recorded	Not Recorded	Not Recorded
651	Point Z	NiPGE	Canalask	8/4/2008	Stream	80804CD002	Assay	NR	Not Recorded	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
653	Point Z	NiPGE	Canalask	8/4/2008	Stream	80804CD003	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
654	Point Z	NiPGE	Canalask	8/4/2008	Stream	80804CD004	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
655	Point Z	NiPGE	Canalask	8/4/2008	Stream	80804CD005	Assay	NR	overburden	Not Recorded	Not Recorded	Not Recorded	Not Recorded
656	Point Z	NiPGE	Canalask	8/4/2008	Stream	80804CD005	Assay	NR	overburden	Not Recorded	Not Recorded	Not Recorded	Not Recorded
657	Point Z	NiPGE	Canalask	8/4/2008	Stream	80804CD006	Assay	NR	overburden	Not Recorded	Not Recorded	Not Recorded	Not Recorded
658	Point Z	NiPGE	Canalask	8/4/2008	Stream	80804CD007	Assay	NR	overburden	Not Recorded	Not Recorded	Not Recorded	Not Recorded
659	Point Z	NiPGE	Canalask	8/4/2008	Stream	80804CD008	Assay	NR	overburden	Not Recorded	Not Recorded	Not Recorded	Not Recorded
660	Point Z	NiPGE	Canalask	8/5/2008	Stream	80805CD001	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
661	Point Z	NiPGE	Canalask	8/5/2008	Stream	80805CD002	Assay	NR	Not Recorded	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
662	Point Z	NiPGE	Canalask	8/5/2008	Stream	80805CD003	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
663	Point Z	NiPGE	Canalask	8/5/2008	Stream	80705CD004	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
664	Point Z	NiPGE	Canalask	8/5/2008	Stream	80805CD005	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
665	Point Z	NiPGE	Canalask	8/7/2008	Stream	80807CD001	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
666	Point Z	NiPGE	Canalask	8/7/2008	Stream	80807CD002	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded

0	0 Not Recorded	Not Recorded	medium trap site, 1m wide stream, medium gradient, organic, dry stream, 300m from outcrop.	Chris Doley	2665	505161.1513	6884283.411	919.5506
0	0 Not Recorded	Not Recorded	1m wide stream, moderately steep gradient, medium trap site, drystream, 20m from outcrop	Chris Doley		505708.9191	6885079.891	1190.1507
0	0 Not Recorded	Not Recorded	1m wide stream, medium gradient, 300m from outcrop, organic, dry stream, medium trap site.	Chris Doley		505429.4229	6885081.102	1031.9506
0	0 Not Recorded	Not Recorded	dry stream, 0.5m wide, poor trap site, 550m away from out crop, medium gradient, organic.	Chris Doley		505055.6181	6885013.311	905.5505
0	0 Not Recorded	Not Recorded	poor trap site, 60cm wide stream, highly organic, 100m away from outcrp, dry stream, fairly steep gradient.	Chris Doley	4	505772.4744	6884702.715	1171.8508
0	0 Not Recorded	Not Recorded	1.7m wide stream, poor trap site, dry stream, fairly steep gradient, 150m from outcrop, highly organic.	Chris Doley	5	505493.8863	6884661.404	1034.5507
0	0 Not Recorded	Not Recorded	1m wide, 960m from outcrop, wet stream, low gradient, v. poor trap site, low organic content .	Chris Doley	10	505168.7751	6884477.634	925.9506
0	0 Not Recorded	Not Recorded	2.5m wide stream, wet stream, good trap site, 1m away from outCrop, low organic content, medium gradient.	Chris Doley	11	506133.9614	6883943.027	1198.251
0	0 Not Recorded	Not Recorded	2m wide stream, dry stream, good trap sit, medium gradient, 130m away from outcrop, medium organic content	Chris Doley	12	505965.1862	6883791.961	1122.1509
0	0 Not Recorded	Not Recorded	7m wide stream, medium trap site, fairly steep gradient, dry stream, 1m from outcrop, low organic content	Chris Doley	15	505870.8758	6883561.935	1018.5509
0	0 Not Recorded	Not Recorded	16m wide stream, low gradient, medium organic content, dry stream, 70m from outcrop, medium trap site.	Chris Doley	17	505668.2036	6883463.184	931.6509
0	0 Not Recorded	Not Recorded	highly organic, 70 cmwidestream, 30m from outcrop, steep gradient, poor trap site, dry stream	Not Recorded	23	506422.6945	6883756.777	1308.4511
0	0 Not Recorded	Not Recorded	70cm wide strean, steep gradient, dry strean, 40m from outcrop, highly organic, poor trap site.	Chris Doley	23	506426.052	6883730.604	1289.4511
0	0 Not Recorded	Not Recorded	very high organic content, poor trap site, 1.8m wide stream, 1m away from outcrop, medium gradient, dry stream	Chris Doley	24	506255.0296	6883477.771	1152.151
0	0 Not Recorded	Not Recorded	dry stream, poor trap site, highly organic, 50m from outcrop, medium gradient, 22m wide stream.	Chris Doley	25	506038.6872	6883285.766	987.051
0	0 Not Recorded	Not Recorded	70cmwide stream, highly organic, 350 m from outcrop, medium gradient, poor trap site, dry stream.	Chris Doley	26	505847.2771	6883061.511	915.8509
0	0 Not Recorded	Not Recorded	wet stream, 60cm wide, 500m from outcrop, low gradient, medium trap site, low organic content,	Chris Doley	31	510311.8129	6881873.649	1018.1525
0	0 Not Recorded	Not Recorded	poor site trap, v. low gradient, medium organic content, wet stream, 2m wide, 906m from outcrop.	Chris Doley	32	509976.9441	6882456.583	987.5524
0	0 Not Recorded	Not Recorded	1m wide stream, v. low gradient, wt stream, 1.4 km from outcrop, low organic, meium sitetrap.	Chris Doley	36	509777.8598	6882943.204	978.3523
0	0 Not Recorded	Not Recorded	1.7m wide stream, wet stream, medium gradient, medium trapsite, 40m from out crop, v. low organic content.	Chris Doley	37	509789.5285	6883424.87	944.7522
0	0 Not Recorded	Not Recorded	2.8m wide stream, good trap site, 400m from outcrop, medium gradient, v. low organic, wet stream.	Chris Doley	38	510009.7298	6883562.168	933.9523
0	0 Not Recorded	Not Recorded	35cm wide stream, 120m away from outcrop, medium trap site, wet stream, v. low organic content, medium gradient.	Chris Doley	39	509867.392	6881439.712	1084.3524
0	0 Not Recorded	Not Recorded	1m wide stream, 400m away from outcrop, shallow gradient, good trap site, wet stream, v. low organic.	Chris Doley	40	509743.4349	6881621.497	1058.5524

667	Point Z	NiPGE	Canalask	8/7/2008	Stream	80807CD003	Assay	NR	overburden	Quaternary	Not Recorded	Not Recorded	Not Recorded
668	Point Z	NiPGE	Canalask	8/7/2008	Stream	80807CD004	Assay	NR	overburden	Quaternary	Not Recorded	Not Recorded	Not Recorded
669	Point Z	NiPGE	Canalask	8/8/2008	Stream	80808CD001	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
670	Point Z	NiPGE	Canalask	8/8/2008	Stream	80808CD002	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
671	Point Z	NiPGE	Canalask	8/8/2008	Stream	80808CD003	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
672	Point Z	NiPGE	Canalask	8/8/2008	Stream	80808CD004	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
673	Point Z	NiPGE	Canalask	8/8/2008	Stream	80808CD005	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
674	Point Z	NiPGE	Canalask	8/8/2008	Stream	80808CD006	Assay	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
635	Point Z	NiPGE	Canalask	8/2/2008	Stream	80802CD001	Not Recorded	NR	Not Recorded	Not Recorded	Not Recorded	Not Recorded	Not Recorded
647	Point Z	NiPGE	Canalask	8/3/2008	Stream	80803CD006	Not Recorded	NR	overburden	Station Creek Formation	Not Recorded	Not Recorded	Not Recorded
431	Point Z	NiPGE		<Null>	volcanics	OC08071805	Not Recorded		volcanics	Not Recorded		Not Recorded	Not Recorded

0	0 Not Recorded	Not Recorded		1mwide strean, low gradient, wet stream, 500m away from 0 outcrop, good trap site, v. low organic.	Chris Doley	41	509178.2618	6882181.389	987.1521
0	0 Not Recorded	Not Recorded		80cm wide stream, wet stream, 300m from outcrop, good trap 0 site, v. low organic content, low gradient.	Chris Doley	42	509357.3397	6883120.261	972.5521
0	0 Not Recorded	Not Recorded		65cm wide stream, wet stream, medium trap site, v. low organic, 0 50m from out crop, slightly steep gradient.	Chris Doley	46	511609.8134	6880306.138	1181.8531
0	0 Not Recorded	Not Recorded		2m wide stream, dry stream, medium gradient, good trap site, low 0 organic, 30m from out crop.	Chris Doley	47	511821.9849	6880409.733	1094.8532
0	0 Not Recorded	Not Recorded		84cm wide stream, dry stream, 20m from otcrop, medium 0 gradient, medium trap site, low organic content.	Chris Doley	48	512064.3943	6880313.109	1023.0533
0	0 Not Recorded	Not Recorded		4m wide stream, dry stream, poor trap site, v. steep gradient, low 0 organic, 5m from out crop.	Chris Doley	49	511369.7058	6880582.866	1180.073
0	0 Not Recorded	Not Recorded		1mwide stream, dry stream, low organic, slightly steep gradient, 0 70m fromout crop, medium trap site.	Chris Doley	50	511561.367	6880729.489	1059.9431
0	0 Not Recorded	Not Recorded		90cmwide stream, 200m away from out crop, dry stream , low 0 organic, medium gradient, good trap site.	Chris Doley	51	511761.8515	6880912.266	967.0631
0	0 Not Recorded	Not Recorded		0 50cm wide stream, poor trap site, highly organic, 700m away from	Not Recorded		505966.6965	6884367.544	1192.9509
0	0 Not Recorded	Not Recorded		0 outcrop, medium gradient, dry stream.	Chris Doley	7	505255.8507	6884561.135	949.6506
0	0 Not Recorded	Not Recorded	<Null>				506379.78	6883090.601	1063.1611

SAMPLE_NO	TYPE	X	Y	YEAR	NI_PPM	CU_PPM	PT_PPb	PD_PPb	AU_PPb	AG_PPM	AS_PPM	BA_PPM	BE_PPM	BI_PPM	CE_PPM	CD_PPM	CO_PPM	CS_PPM	DY_PPM	ER_PPM	EU_PPM	GA_PPM	GD_PPM	HF_PPM	HG_PPM	HO_PPM
80727IM002	ROCK	503610.3074	6882764.658	2008	10	3199.7	0.3	0.9	0.5	0.3	0.8	9	0.5	0.05	1.2	0.05	2.1	0.05	0.25	0.15	0.07	1.6	0.17	0.2	0.005	0.04
80709IM001	ROCK	501578	6882491	2008	30	5.8	0.05	0.25	0.5	0.05	0.9	75	0.5	0.6	3.9	0.05	2.3	0.2	0.54	0.31	0.09	1.2	0.42	0.6	0.005	0.09
80728IM001	ROCK	501558.5267	6882457.48	2008	10	71.6	0.05	0.25	0.5	0.2	3	79	0.5	0.2	12.6	0.05	2.9	0.4	1.42	1.1	0.25	3.6	1.17	1.7	0.005	0.34
80727IM004	ROCK	503610.7502	6882757.603	2008	73	27.5	5.5	13.1	28	0.05	38.7	736	0.5	0.1	6	0.05	8.4	0.3	0.54	0.33	0.15	12.8	0.45	1.1	0.005	0.1
80727IM006	ROCK	503650.4569	6882757.275	2008	70	35.9	8.2	16	37	0.2	22.1	375	0.5	0.6	9.1	0.05	11.2	0.3	1.77	1.21	0.34	14.1	1.36	1.2	0.005	0.37
80720RM004	ROCK	512192.263	6877605.499	2008	23	568.9	0.2	0.25	3	0.5	113.2	157	0.5	0.2	26.1	0.5	14.2	0.5	5.08	3.18	1.04	13.9	4.4	2.3	0.005	1.02
80727IM007	ROCK	503757.6118	6882788.584	2008	87	25.4	5	8.2	2	0.05	16.9	776	0.5	0.2	6.5	0.05	25.5	0.05	1.45	0.74	0.73	9	1.22	0.7	0.005	0.24
80727RM002	ROCK	503585.1562	6882751.82	2008	210	135.1	8.8	15.9	9	0.05	11.5	681	0.5	0.05	8.9	0.05	26.6	0.1	2.61	2.14	0.43	17.9	2.04	1.4	0.005	0.65
80727RM001	ROCK	503579.566	6882768.339	2008	119	45	5.3	13	16	0.2	28.8	137	0.5	0.05	6.2	0.05	26.8	0.2	1.29	0.81	0.29	12.1	1.11	1	0.005	0.28
80720RM002	ROCK	512206.798	6877598.997	2008	10	583.9	0.2	0.25	82	0.2	0.25	322	0.5	0.05	16	0.1	27.2	0.2	2.83	1.66	1.21	19.3	3.21	1.3	0.005	0.59
80720RM003	ROCK	512193.7137	6877594.939	2008	10	137.3	1.3	1.5	7	0.1	1.2	315	0.5	0.05	24.7	0.4	27.8	0.6	2.35	1.21	1.17	18.9	2.87	2.2	0.005	0.4
80705IM001	ROCK	502063.8547	6883195.234	2008	303	72.8	3.2	5.9	0.5	0.1	9.8	866	0.5	0.05	15.1	0.05	43.2	0.05	2.53	1.28	0.63	16.3	2.67	1.9	0.005	0.46
80727IM001	ROCK	503603.307	6882715.077	2008	167	152.6	4.7	6.5	98	0.2	49.6	933	0.5	0.05	6.3	0.05	43.8	0.1	2.02	1.09	0.37	5.3	1.87	0.7	0.05	0.4
80727RM003	ROCK	503622.6286	6882723.824	2008	277	125.1	11	9.1	4	0.05	6.1	56	0.5	0.05	8.8	0.1	63.2	0.05	1.75	1.13	0.5	8.6	1.76	0.5	0.005	0.41
80804CD008	SILT	505847.2771	6883061.511	2008	10	41.4	0.05	0.25	0.5	0.1	17.5	462	2	0.05	20.4	0.8	11.6	1.2	2.44	1.5	0.67	7.7	2.37	1.9	0.09	0.47
80804CD001	SILT	506133.9614	6883943.027	2008	37	49.7	0.9	0.25	0.5	0.1	19.5	449	0.5	0.05	20.9	0.3	16.9	1.8	2.97	1.68	0.95	16.8	2.96	2.5	0.01	0.6
80807CD003	SILT	509178.2618	6882181.389	2008	56	24.8	1.8	0.25	0.5	0.05	7.2	506	1	0.05	28.9	0.1	19.9	1.6	2.88	1.94	0.95	15.8	3.14	3.8	0.03	0.62
80805CD005	SILT	510009.7298	6883562.168	2008	71	40.8	18.3	0.25	0.5	0.05	6.2	553	0.5	0.05	32.9	0.2	25	1.1	3.37	2.05	1.09	15.5	3.56	5	0.02	0.71
80808CD002	SILT	511821.9849	6880409.733	2008	37	56.1	0.8	0.25	2	0.1	36.4	496	0.5	0.1	29.1	0.9	18.9	2.1	3.55	2.17	1.03	15.4	3.54	2.9	0.09	0.72
80803CD006	SILT	505255.8507	6884561.135	2008	44	47.4	0.05	0.9	2	0.05	9.1	447	0.5	0.05	23	0.3	16.3	1.6	2.95	1.66	1.02	14.4	3.13	3.3	0.07	0.6
80804CD005	SILT	506422.6945	6883756.777	2008	10	71.3	2	1.7	2	0.1	12.2	463	1	0.05	36.5	0.5	20.1	1.6	3.57	1.87	1.45	14.3	4.16	2.2	0.04	0.66
80804CD006	SILT	506255.0296	6883477.771	2008	10	65.2	3	1.7	2	0.1	8.3	459	0.5	0.05	29.2	0.4	14.8	2	3.67	1.91	1.4	11.2	4.19	1.7	0.08	0.7
80808CD006	SILT	511761.8515	6880912.266	2008	49	62.3	0.1	2.6	2	0.2	37	362	0.5	0.1	23.3	0.6	17	2.8	3.51	2.24	1	14.6	3.41	2.8	0.17	0.74
80803CD004	SILT	505772.4744	6884702.715	2008	43	105.8	0.05	2.9	2	0.1	8.2	658	0.5	0.05	27.9	0.2	19.6	3.4	4.17	2.35	1.3	16	4.31	3.3	0.13	0.86
80803CD003	SILT	505055.6181	6885013.311	2008	38	148.7	17.5	3	2	0.05	10.4	1451	1	0.2	31.5	0.1	16.7	2.1	5.03	3.02	1.22	14.3	4.8	2.7	0.16	0.98
80803CD001	SILT	505708.9191	6885079.891	2008	32	137.7	3	3.9	2	0.05	15.7	777	0.5	0.2	44.6	0.2	17.6	3.7	6.7	3.56	1.68	16.1	6.56	2.5	0.18	1.32
80805CD003	SILT	509777.8598	6882943.204	2008	52	35.9	4	0.9	3	0.05	5.2	618	1	0.05	35.6	0.05	18.8	1.1	3.9	2.24	1.16	15.6	3.75	4	0.01	0.76
80803CD007	SILT	505168.7751	6884477.634	2008	40	69.6	1.6	1	3	0.05	14.5	503	0.5	0.05	26.7	0.2	21.6	2	3.69	2.36	1.05	14.1	3.64	3.3	0.06	0.77
80802CD005	SILT	505161.1513	6884283.411	2008	32	67.9	5	1.2	3	0.2	28.6	415	0.5	0.05	22.8	0.4	23.6	1.9	3.76	2.18	1.11	15.6	3.64	2.7	0.06	0.75
80803CD005	SILT	505493.8863	6884661.404	2008	33	115.9	2	2.9	3	0.1	13.4	409	0.5	0.05	23.1	0.3	18.6	2.5	4.64	2.64	1.43	11.7	4.61	2.5	0.13	0.93
80805CD002	SILT	509976.9441	6882456.583	2008	10	25.9	1	0.25	4	0.1	5.1	646	0.5	0.05	32.9	0.3	14.4	1.5	2.48	1.37	0.91	15.3	2.8	3.3	0.06	0.5
80804CD002	SILT	505965.1862	6883791.961	2008	10	49.7	1	1.3	4	0.05	13.6	500	0.5	0.05	31.8	0.3	18.8	1.6	3.36	2.01	1.22	14.4	3.76	2.5	0.02	0.71
80802CD004	SILT	505452.8517	6884419.222	2008	25	76.8	1.8	1.4	4	0.2	30.1	397	0.5	0.1	22.5	0.5	20.7	1.9	3.59	2.09	1.07	14.1	3.61	2.6	0.05	0.73
80805CD001	SILT	510311.8129	6881873.649	2008	32	23.3	1.1	0.25	5	0.05	5.2	639	0.5	0.05	32.4	0.1	19.7	1.3	2.81	1.74	1.02	15.8	3.12	4.2	0.03	0.58
80807CD001	SILT	509867.392	6881439.712	2008	35	33.1	2	0.25	5	0.05	6.3	921	0.5	0.05	36.9	0.2	20.3	1.3	3.25	1.91	1.17	17.3	3.76	3.5	0.03	0.68
80808CD004	SILT	511369.7058	6880582.866	2008	26	57	3	1.2	5	0.3	54.9	370	0.5	0.2	23	0.5	17.6	3.5	3.78	2.46	0.87	15.9	3.41	3.2	0.18	0.8
80808CD005	SILT	511561.367	6880729.489	2008	47	62.8	0.05	1.9	5	0.2	36.2	355	0.5	0.1	24.2	0.5	17.6	2.9	3.83	2.43	1.09	14.8	3.79	2.7	0.13	0.78
80804CD007	SILT	506038.6872	6883285.766	2008	36	47.2	3	3.2	6	0.2	35.8	1280	1	0.1	48.3	0.7	22.8	3.6	5.15	2.78	1.47	12.9	5.8	3.5	0.09	1.01
80807CD002	SILT	509743.4349	6881621.497	2008	45	29.1	0.9	0.25	7	0.05	7.4	570	1	0.05	38.9	0.1	20.9	1.3	3.34	2.06	1.14	15.9	3.91	4.1	0.01	0.73
80808CD003	SILT	512064.3943	6880313.109	2008	32	66.1	2	0.8	7	0.2	58	591	0.5	0.2	37.1	0.9	22.9	3.2	4.26	2.53	1.44	14.5	4.62	3.3	0.12	0.86
80804CD003	SILT	505870.8758	6883561.935	2008	36	65.1	0.8	1.9	7	0.2	29.5	755	1	0.2	46.7	0.5	24	2.8	4.92	2.53	1.43	12.6	5.28	2.5	0.06	0.93
80802CD003	SILT	505555.0279	6884472.305	2008	40	83.1	1.2	2	8	0.2	33.1	429	0.5	0.1	22.3	0.4	20.4	2.1	3.92	2.27	1.2	14.9	4.07	2.6	0.07	0.82
80808CD001	SILT	511609.8134	6880306.138	2008	37	50.2	0.05	1	10	0.1	28.2	612	0.5	0.1	32.6	1	17.8	2.9	3.27	2.05	1.1	16.8	3.46	3	0.12	0.67
80807CD004	SILT	509357.3397	6883120.261	2008	55	36.5	0.05	3.6	11	0.5	11.4	686	0.5	0.05	33.2	0.2	25.3	1.7	3.47	2.02	1.12	16.5	3.66	3.6	0.03	0.69
80804CD004	SILT	505668.2036	6883463.184	2008	90	150.4	6.7	5.1	16	0.4	35.7	1393	1	0.2	39.4	0.6	29.3	2.4	4.43	2.59	1.28	16	4.58	3.5	0.09	0.92
80803CD002	SILT	505429.4229	6885081.102	2008	43	144.2				0.05	8.9	1609	0.5	0.2	27.1	0.2	13.6	2	4.69	2.9	1.17	12.7	4.64	2.6	0.21	0.98
80802CD001	SILT	505966.6104	6884366.987	2008	38	85.1				0.3	31	329	0.5	0.1	21.7	0.8	19.8	2.2	3.47	2.14	1.07	10.8	3.67	1.9	0.11	0.74
80802CD002	SILT	505785.9884	6884382.455	2008	48	71.8				0.2	22.7	299	0.5	0.1	22	0.7	20.4	1.9	3.64	1.89	1.11	14	3.23	1.9	0.04	0.66

LA_PPM	LU_PPM	MO_PPM	NB_PPM	ND_PPM	PB_PPM	PR_PPM	RB_PPM	S_PCT	SB_PPM	SC_PPM	SE_PPM	SM_PPM	SN_PPM	SR_PPM	TA_PPM	TB_PPM	TH_PPM	TL_PPM	TM_PPM	U_PPM	V_PPM	W_PPM	Y_PPM	YB_PPM	ZN_PPM	ZR_PPM	C_PCT	SiO2
0.7	0.02	0.4	0.2	0.7	1	0.17	0.3	0.3	0.05	2	4.4	0.13	0.5	109.5	0.05	0.04	0.1	0.05	0.01	2	36	0.25	1.3	0.12	4	4.9	0.1	93.97
2	0.06	5.6	5.9	2.1	4.3	0.51	4.3	0.94	0.05	0.5	3	0.46	0.5	13	0.4	0.09	2.4	0.05	0.04	23.5	12	0.25	2.9	0.35	2	16	0.03	94.16
6.5	0.21	1.9	1.7	6.2	8.6	1.56	3	0.1	0.05	6	0.25	1.25	0.5	49.3	0.1	0.24	1.8	0.05	0.19	1.5	24	0.25	8.8	1.2	60	62.9	0.08	86.27
2.9	0.09	3.3	0.9	2.5	18.2	0.73	32.5	3.92	0.05	37	7.4	0.59	0.5	155.2	0.05	0.08	0.5	0.05	0.06	1	285	0.25	3.1	0.44	74	32.2	0.03	48.99
4.1	0.18	2	2.2	6.3	26.7	1.23	24.8	2.04	0.05	50	13.3	1.33	0.5	108.4	0.05	0.25	0.6	0.05	0.19	1	310	0.25	10.1	1.18	30	37.1	0.01	54.25
12.7	0.53	1.9	5.2	16.3	6.8	3.6	4.8	0.9	0.2	26	3.4	3.89	1	438.5	0.2	0.81	2.3	0.05	0.51	14	271	0.9	28.7	3.27	60	78.5	0.1	52.23
2.9	0.15	2.5	0.6	4.1	2.1	0.94	2.8	2.76	0.05	32	20.9	1.15	0.5	326.9	0.05	0.22	0.3	0.05	0.13	1.6	192	0.25	7.9	0.83	25	17.3	0.03	69.66
3.9	0.38	0.3	1	6.2	3.9	1.27	29.9	0.4	0.05	109	0.7	1.7	0.5	46.3	0.05	0.42	0.7	0.05	0.35	0.6	403	0.25	15.5	2.37	84	40.3	0.02	57.39
2.5	0.13	1.1	0.8	4	12.3	0.81	7.1	2.47	0.05	39	6.3	1.03	0.5	22.1	0.05	0.19	0.9	0.05	0.14	0.8	266	0.25	7.2	0.9	146	31.5	0.03	54.27
6.4	0.25	0.4	3.4	12.9	7.7	2.44	4.9	1.91	0.05	18	1.5	3.2	0.5	601.6	0.05	0.52	0.2	0.05	0.26	5.1	234	0.25	15.8	1.59	41	29.3	0.03	47.12
10.7	0.18	2.2	2.4	15.6	6.2	3.35	16.8	0.31	0.05	37	0.25	3.15	0.5	747.3	0.2	0.43	1.9	0.05	0.18	9.2	320	0.25	11.4	1.1	62	78.6	0.05	49.42
5.6	0.16	0.4	2.3	13.1	11.2	2.37	2.2	0.2	0.05	31	0.25	3.09	0.5	615.2	0.05	0.43	0.8	0.05	0.19	0.6	291	0.25	13.6	1.25	46	58.7	0.15	46.16
2.9	0.14	2.8	0.4	5	15.4	0.98	11.9	5.1	0.05	21	6.4	1.58	0.5	116.1	0.05	0.34	0.3	0.1	0.17	0.3	130	4.2	11.8	1	33	15.2	1.08	52.65
3.7	0.14	0.8	0.2	6.5	6	1.25	0.2	7.43	0.05	34	8.7	1.56	0.5	98.5	0.05	0.27	0.4	0.05	0.18	0.6	192	0.25	11.2	0.94	38	18.7	1.09	31.31
10.7	0.23	1.1	6.4	11.4	8.1	2.54	29.8	0.26	0.7	11	0.6	2.45	0.5	217.6	0.2	0.44	3.4	0.05	0.22	1.7	109	1.4	15.6	1.25	166	71.4	23.81	27.38
11.5	0.3	1.7	4.2	12.5	9.5	2.99	52.6	0.31	0.6	23	0.7	2.82	1	267.4	0.3	0.48	2.2	0.05	0.28	2.1	184	0.6	17.7	1.74	106	94.8	2.13	54.13
14.5	0.29	0.6	7.2	15.8	4.9	3.82	49.1	0.13	0.3	20	0.6	3.25	0.5	321.8	0.5	0.51	3.2	0.05	0.29	1.8	180	0.6	17.8	2.02	87	147.4	1.71	57.85
16.7	0.32	0.6	9	18	4.9	4.22	33.1	0.09	0.3	21	1	3.67	1	409.5	0.4	0.57	3.7	0.05	0.3	2	254	0.6	19.9	1.92	73	203.7	3.3	52
15.5	0.35	2.9	4.6	16.8	18.1	4.09	56.2	0.17	2.2	19	1.2	3.61	0.5	176.6	0.2	0.59	2.9	0.05	0.34	2.8	164	0.25	21.9	2.13	141	94.2	4.27	56.18
12.8	0.27	0.7	5.7	13.1	5.1	3.3	32.6	0.16	0.7	17	1.3	3.02	0.5	328.9	0.3	0.5	2.8	0.05	0.26	1.4	128	0.5	17.9	1.66	76	108	10.35	45.16
18.9	0.29	1.5	5.3	20.4	8.8	4.92	48.8	0.08	0.4	20	1.3	4.18	0.5	195.9	0.2	0.66	2.8	0.05	0.29	1.9	152	0.25	20.9	1.95	78	84	10.24	42.08
18.5	0.27	0.7	4.4	20	5.4	4.9	38.6	0.08	0.3	14	1.5	4.32	0.5	249.2	0.2	0.67	2.6	0.05	0.3	1.6	105	0.25	22.6	1.78	49	71.4	19.37	28.7
13.9	0.35	2.6	3.7	15.8	12.6	3.67	42.6	0.24	2	23	2.8	3.35	1	210.4	0.3	0.6	2.6	0.05	0.34	2.7	145	1.1	23.5	2.16	119	89.1	5.11	53.37
15.5	0.34	0.5	5.5	18.5	3.8	4.25	34.3	0.13	0.8	21	1.3	4.05	1	388.2	0.4	0.69	2.6	0.05	0.36	1.5	156	1.3	24.9	2.43	89	115.7	9.11	45.18
18.2	0.4	1.3	4.9	19.2	3.5	4.83	29.4	0.15	1.2	21	2.3	4.63	3	325.3	0.2	0.83	2.4	0.05	0.44	1.4	126	0.25	32	2.76	55	106.7	10.02	44.26
26.4	0.46	1.3	4	28.7	4.4	7.1	27.9	0.11	1.7	25	0.7	6.46	5	244.2	0.2	1.16	3	0.05	0.53	1.5	134	0.5	40.9	3.21	64	93.8	11.74	38.28
15.9	0.32	0.6	11.6	17.9	5.8	4.47	36.9	0.03	0.2	18	0.25	3.75	1	363.4	0.5	0.63	3.6	0.05	0.34	2.2	188	0.7	21.3	2.13	65	148.6	1.07	59.57
13.7	0.37	0.9	5.2	15.5	4.3	3.73	37.9	0.09	1.1	23	1.6	3.51	1	266.9	0.3	0.66	2.9	0.05	0.36	1.4	183	0.6	23.8	2.34	84	117.6	3.05	55.4
12.2	0.32	1.9	5.3	15.3	10.1	3.46	43.5	0.15	1.3	23	1.8	3.41	0.5	192.7	0.2	0.64	2.1	0.05	0.33	1.6	177	0.25	23.4	2.11	132	98.8	6.74	45.68
16.3	0.36	0.7	3.6	18.4	5.5	4.43	25.6	0.19	0.9	22	1.3	4.45	0.5	211.9	0.1	0.81	1.9	0.05	0.41	1.1	156	0.25	30	2.34	84	88.1	14.45	34.29
15.4	0.21	1	6.8	16.4	6.3	4.02	37.9	0.05	0.3	10	0.6	2.98	0.5	431.9	0.3	0.43	3.9	0.05	0.22	1.7	90	0.8	13.8	1.32	57	123.2	9.17	47.96
16.4	0.32	1.8	5.1	16.7	7	4.32	55	0.16	0.5	18	1.3	3.87	0.5	275.3	0.2	0.61	3.3	0.05	0.31	1.9	161	0.25	20.8	1.91	88	86.7	6.74	45.97
12.4	0.31	1.8	4.8	14.5	11.9	3.54	39	0.21	1.5	23	1.7	3.5	0.5	215.6	0.3	0.64	2.2	0.05	0.33	1.8	164	0.25	22.7	2.1	122	89.9	7.4	44.5
16.1	0.27	0.6	7.9	16.4	5.7	4.16	40.8	0.07	0.2	17	0.25	3.39	1	387.9	0.5	0.52	3.3	0.05	0.27	1.8	158	0.5	16.8	1.74	93	165.4	3.23	54.1
17.1	0.29	1.1	7.5	19.1	5.9	4.62	46.6	0.05	0.4	17	0.25	3.77	1	411	0.5	0.58	3.4	0.05	0.3	2	176	0.7	18.3	1.88	76	132.4	3.57	54.9
13.8	0.37	3	4.1	15.5	15	3.81	60.7	0.33	2.1	23	2.1	3.42	0.5	182.9	0.2	0.61	3.1	0.05	0.37	3.5	172	0.25	24.4	2.32	118	96.7	1.86	57.45
14.7	0.38	2.4	3.8	16.4	12	3.97	42.6	0.22	2.2	23	2.8	3.57	1	207.3	0.3	0.65	2.4	0.05	0.38	2.9	150	0.8	25.3	2.34	125	97.3	4.86	54.15
24.5	0.41	1.9	6.2	25	23.2	6.23	44.5	0.07	1.3	17	1	5.56	1	293.4	0.2	0.94	5.4	0.2	0.44	2.6	98	0.7	29.7	2.71	152	120.3	12.49	38.2
19.4	0.33	0.8	8.9	20.5	5.1	5.05	36.4	0.04	0.3	21	0.25	4.11	1	436.7	0.6	0.63	4.6	0.05	0.32	1.8	177	0.7	20.7	2.16	61	172.3	0.86	58.09
20.8	0.37	3.6	5.9	22.8	22.3	5.33	51.7	0.24	2.2	19	2	4.71	0.5	232.8	0.3	0.76	3.9	0.05	0.39	2.4	158	0.6	24.9	2.33	134	114.4	6.81	47.19
24.4	0.35	2.6	6.5	24	30.9	6.09	49.5	0.1	1.1	14	1.5	5.23	0.5	228.4	0.4	0.88	4.1	0.1	0.39	2.4	114	0.6	27.8	2.33	136	103.2	14.44	33.56
13.9	0.33	1.9	5.4	16.5	12.7	3.91	41.9	0.18	1.8	23	1.9	3.85	0.5	213.9	0.3	0.69	2.2	0.05	0.36	1.6	169	0.25	24.9	2.15	125	93.6	7.53	43.89
17.4	0.32	3	5.8	17.8	15.1	4.39	54.6	0.15	2.7	19	1.3	3.68	0.5	289.9	0.3	0.56	3.7	0.05	0.31	2.3	157	0.6	20.8	1.99	136	112.3	2.37	58.05
16	0.3	1.1	7.5	18.4	7	4.38	37.2	0.1	0.3	21	1.3	3.74	1	400.8	0.6	0.63	4.1	0.05	0.33	1.9	228	0.7	20.8	2.02	87	127.4	3.28	50.24
19.8	0.4	3.4	8.6	21.3	27.8	5.09	57.3	0.2	2.3	21	1.1	4.73	1	278.8	0.5	0.77	4.3	0.05	0.41	2.2	181	1	26.9	2.7	205	126.5	2.83	52.55
16.3	0.39	1.3	3.7	21.3	2.8	4.58	24	0.26	1.2	18	2.2	4.57	3	299.4	0.2	0.82	2.3	0.05	0.42	1.3	97	0.25	31.6	2.66	51	83.7	15.23	38.94
13.4	0.29	1.6	3.3	15.1	18.2	3.58	31.1	0.07	2.4	18	2.2	3.54	0.5	166.5	0.1	0.62	2.2	0.05	0.33	1.8	123	0.5	24.2	1.94	235	65.6	18	31.71
10.4	0.28	1.5	3.3	12.8	7.8	3.04	35.7	0.28	1	20	2.1	3.12	1	173.6	0.2	0.59	2.3	0.05	0.3	1.2	171	1.1	20.8	1.73	200	63.8	10.2	39.26

Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	LOI	Total
1.4	1.21	1.53	0.27	0.02	0.02	0.005	0.05	0.01	0.02	1.1	99.65
1.62	1.97	0.02	0.05	0.55	0.25	0.003	0.05	0.005	0.01	1.4	100.06
6.86	1.38	0.09	0.51	3.19	0.21	0.002	0.18	0.02	0.01	1.3	100.03
11.54	10.21	4.91	7.7	0.04	2.11	0.072	0.57	0.08	0.17	13.3	99.73
13.07	10.03	0.65	9.34	0.06	1.79	0.088	0.66	0.05	0.06	9.7	99.73
12.62	8.16	13.28	5.06	4.32	0.3	0.006	0.86	0.21	0.35	2.3	99.71
7.52	9.03	3.33	3.85	0.31	0.19	0.064	0.32	0.05	0.09	5.4	99.79
15.66	7.1	0.63	9.32	1.45	1.74	0.115	0.72	0.12	0.08	5.3	99.69
11.69	10.51	0.39	12.41	0.58	0.4	0.084	0.53	0.12	0.09	8.7	99.77
19.58	10.25	12.05	4.16	3.17	0.41	0.001	0.73	0.14	0.24	1.9	99.73
16.69	11.26	10.29	5.31	3.08	1.22	0.006	0.99	0.21	0.26	1	99.71
14.61	9.57	9.82	11.2	3.15	0.25	0.112	0.65	0.22	0.17	3.6	99.57
6.21	9.23	8.23	4.89	0.03	0.8	0.072	0.26	0.14	0.12	9.5	92.18
8.36	10.05	11.85	11.96	0.005	0.02	0.132	0.36	0.12	0.11	14.6	88.88
8.27	4.04	3.98	1.5	0.94	1.32	0.008	0.38	0.11	0.23	51.6	99.73
18.21	8.53	2.53	1.93	2.06	2.46	0.009	0.84	0.1	0.12	8.9	99.85
15.61	7.64	3.07	2.89	2.37	2.06	0.02	0.93	0.36	0.2	6.8	99.77
13.68	10.02	5.09	3.75	2.6	1.26	0.07	1.17	0.4	0.18	9.5	99.72
16.11	7.33	1.73	1.41	1.6	2.41	0.011	0.7	0.12	0.18	12.1	99.85
12.88	5.52	4.4	2.04	2.31	1.29	0.014	0.69	0.11	0.15	25.3	99.82
13.69	6.99	2.61	2.32	1.9	1.89	0.013	0.64	0.17	0.21	27.4	99.87
9.84	4.62	4.25	1.48	1.21	1.38	0.011	0.45	0.13	0.29	47.5	99.89
15.51	7.07	3.14	1.44	1.47	2.03	0.011	0.75	0.08	0.17	14.8	99.83
13.72	6.85	4.32	2.36	2.27	1.24	0.011	0.7	0.11	0.2	22.8	99.75
12.6	5.85	3.93	2.47	1.69	1.35	0.017	0.58	0.08	0.17	26.7	99.72
13.65	6.31	3.48	2.05	1.1	1.43	0.019	0.5	0.09	0.2	32.6	99.77
14.81	6.25	4.02	3.09	3.08	1.41	0.04	0.99	0.1	0.23	6.2	99.78
14.85	7.78	2.97	2.56	2.47	1.62	0.015	0.77	0.13	0.15	11.1	99.78
15.06	8.55	2.96	1.82	1.54	2.09	0.013	0.78	0.11	0.18	21	99.82
11.1	6.32	4.43	2.27	1.5	1.09	0.011	0.54	0.1	0.21	37.9	99.78
12.89	4	3.54	1.56	2.68	1.59	0.009	0.59	0.16	0.2	24.7	99.85
15.38	7.48	3.4	1.92	1.96	2.35	0.008	0.7	0.14	0.22	20.3	99.81
15.02	7.86	3.73	1.85	1.42	1.89	0.011	0.73	0.1	0.15	22.6	99.88
14.89	6.47	4.01	2.97	2.71	1.5	0.022	0.92	0.17	0.19	11.8	99.77
15.11	7.03	3.52	2.78	3	1.73	0.021	0.85	0.15	0.2	10.5	99.75
16.83	7.12	3.18	1.26	0.98	2.67	0.01	0.78	0.06	0.14	9.4	99.9
15.57	7.04	2.63	1.5	1.4	1.95	0.012	0.76	0.08	0.16	14.6	99.88
11.71	6.41	4.31	1.81	0.79	1.87	0.015	0.53	0.32	0.26	33.5	99.69
15.37	7.83	4.49	3.19	2.96	1.44	0.023	1.07	0.13	0.22	5	99.83
14.64	8.05	2.96	1.55	1.57	2.1	0.011	0.7	0.14	0.23	20.7	99.81
11.29	6.63	4.51	1.55	1.12	1.86	0.007	0.48	0.28	0.21	38.3	99.79
15.21	8.19	3.52	1.75	1.35	2.01	0.01	0.77	0.08	0.17	22.9	99.86
15.71	7.41	2.42	1.67	2.12	2.28	0.012	0.8	0.11	0.21	9	99.76
13.94	10.88	4.36	3.08	2.39	1.37	0.028	0.96	0.73	0.25	11.5	99.74
14.91	9.49	4.32	2.66	1.67	2.5	0.017	0.85	0.21	0.17	10.3	99.68
11.16	5.24	4.1	2.43	1.3	1.22	0.013	0.48	0.07	0.16	34.6	99.73
10.5	5.96	4.8	1.86	0.84	1.57	0.012	0.48	0.08	0.24	41.8	99.88
13.05	7.41	2.5	1.97	1.62	1.55	0.012	0.65	0.14	0.19	31.4	99.73

Appendix H – Mapping Report

Field Mapping report

Date: 27th July 2008

Personnel: Paul Nex, Richard Montjoie, Ian McCutcheon

Area: SW Block A

Brief Description:

- Ground truth the Nutz Showing (MINFILE #115K095) – Cu Vein Showing and to ground truth coincident Ni, Co, Cr, and Cu 2006 Falconbridge Silt geochem anomaly.
- Reconnaissance rock sampling of the Showing and geochem anomaly
- Reconnaissance mapping of the two areas

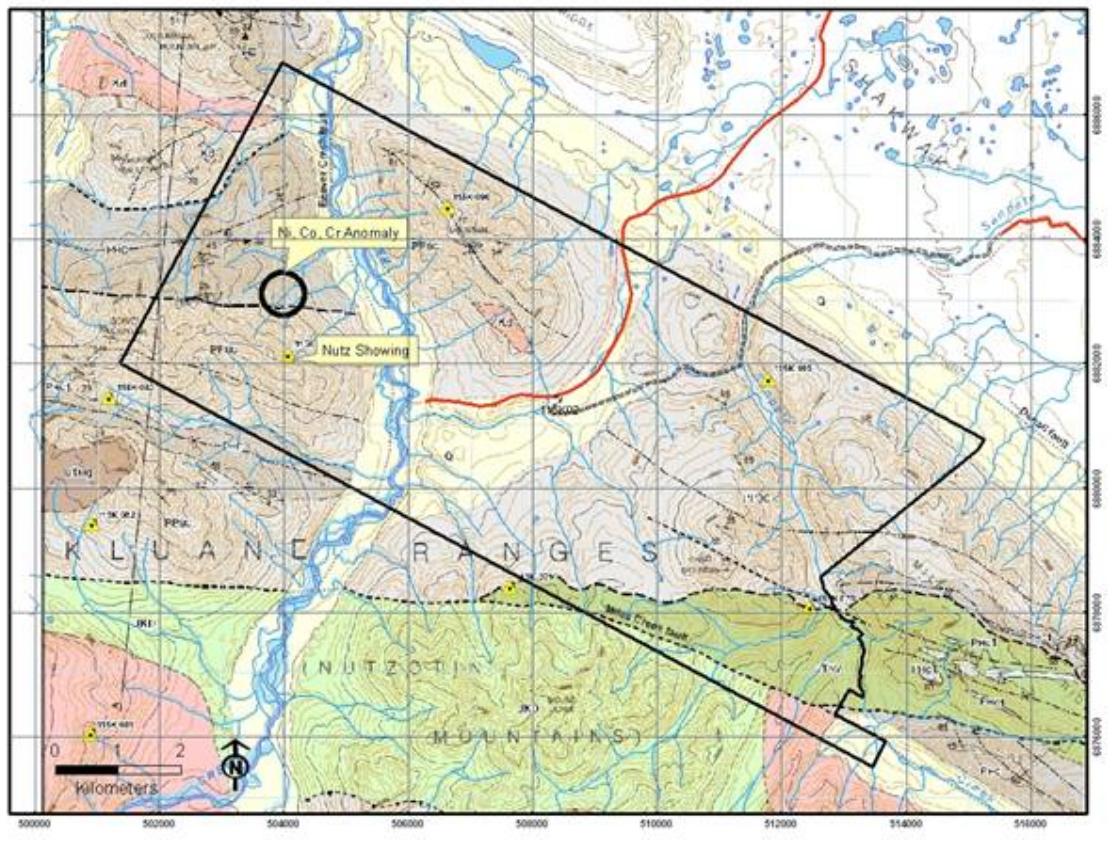


Figure 1: Regional geology Block A

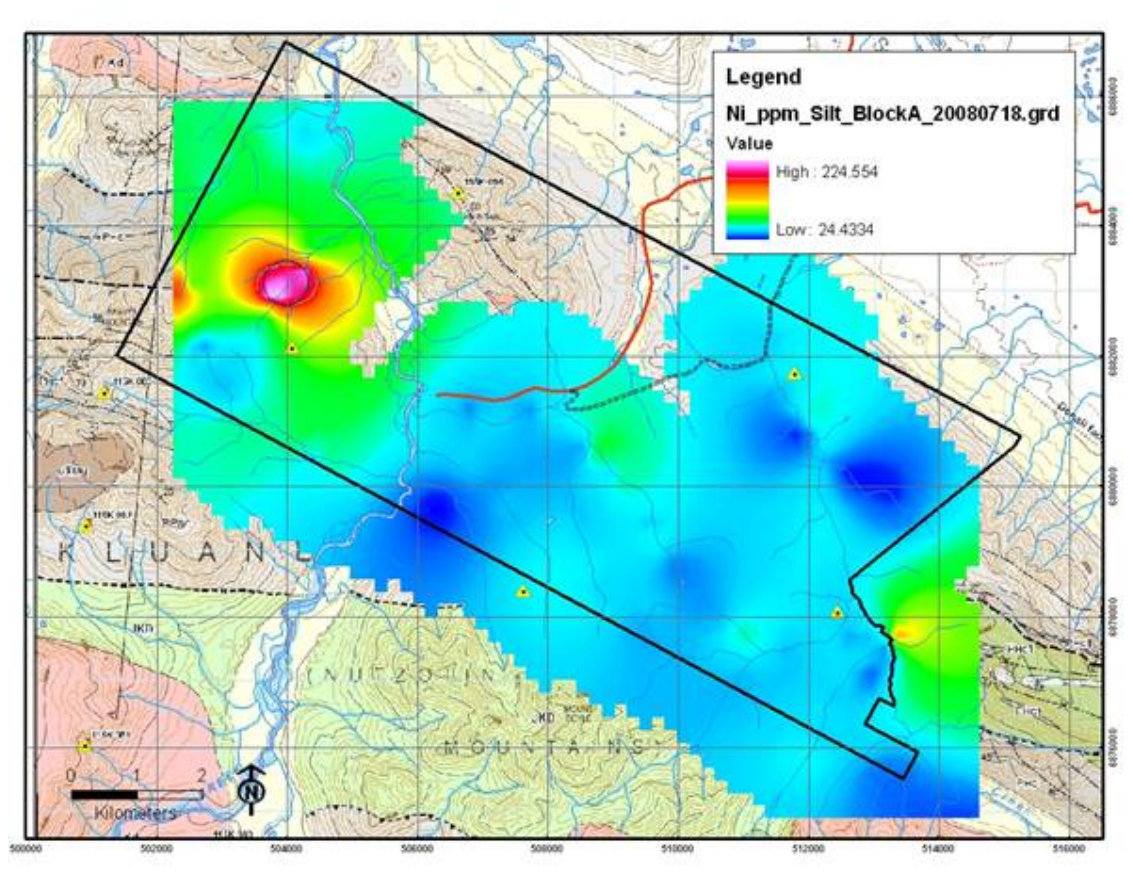


Figure 2: Coincident Ni, Co, Cr, and Cu 2006 Falconbridge Silt geochem anomaly

Field Work:

Findings:

- Nutz Showing likely to be located at same position as coincident Ni, Co, Cr, and Cu 2006 Falconbridge Silt geochem anomaly
- Geochem anomaly likely to have been produced by an extensive gossan at the sheared contact between Nikolai Basalts (predominantly brecciated volcanics, volcanoclastics – tuffaceous matrix with very large clasts, >5 cm made up of amygdaloidal volcanics) and undifferentiated Skolai group (possibly Station Creek)
- Gossan occurs on either side of a dry gully – approximately 50 m x 200 m
- Gossan occurs at the faulted contact between Station Creek and Hasen Creek Formations according to 2007 YGS 1:50,000 map (Miles Ridge – Steve Israel) – this is debateable.
- Possible that the gossan occurs at an anastomosing fault zone, where the blocks have been rotated (Paul Nex)
- Sulphide mineralisation occurs primarily as pyrite – iron staining/secondary iron oxides appears to be a predominantly surficial characteristic of the showing
- Very little interstitial magmatic sulphide mineralisation evident in the rocks
- The gossans have been highly strained
- Field structure of the predominant strain direction is 080/170

Samples:

- 8 samples taken and added to GIS database



Photo 1: Basalt Breccias – Nikolai Group



Photo 2: Predominant strain direction – competent volcanic layer between to highly strained layers



Photo 3: Nutz Showing – view to North



Photo 4: Nutz Showing – view to the South west



Photo 5: Sample location for 80727IM006



Photo 6: Sample location for 80727IM006 – surficial iron oxide staining

Field Mapping report

Date: 28th July 2008

Personnel: Paul Nex, Richard Montjoie, Ian McCutcheon

Area: NW border of Block A

Brief Description:

- Map the NW border of Block A
- Ground truth YGS – 1:50 000 mapping – use this to gain a better understanding of the stratigraphy and rock types
- Locate and identify any conductive formations ahead of the VTEM survey – eg: Black shales within Hasen Creek, and Kluane Ranges Suite granodiorites

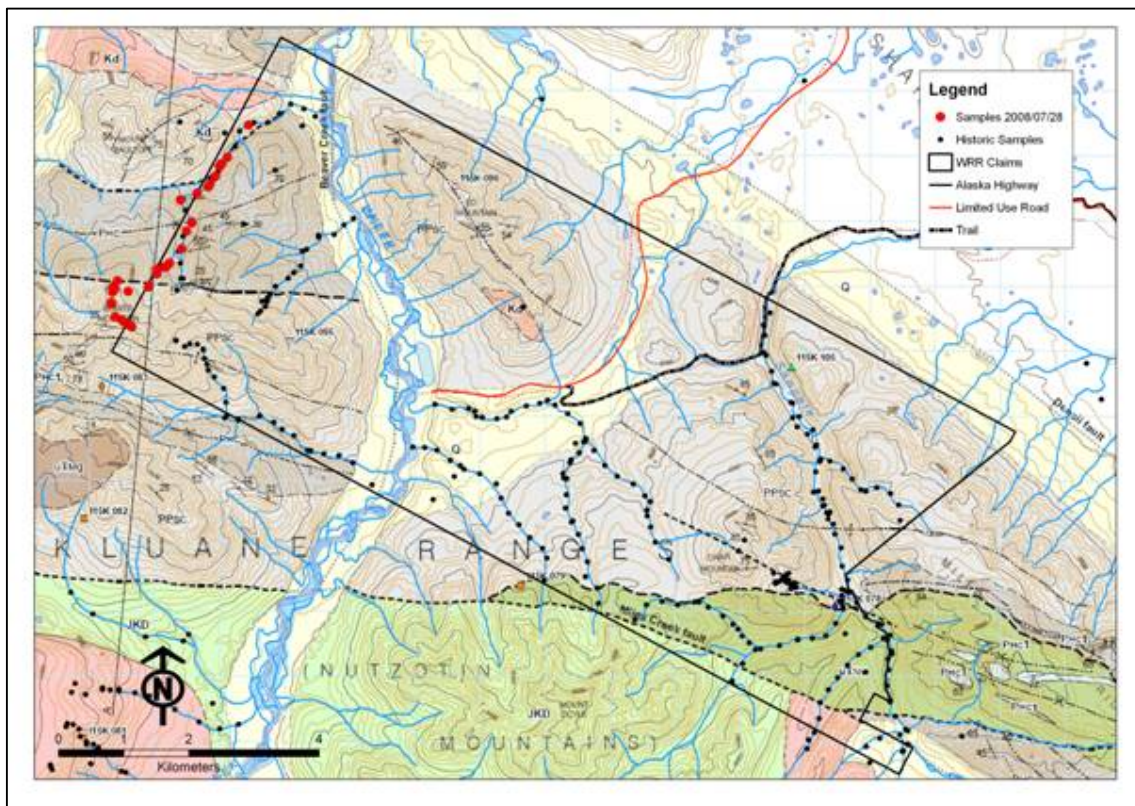


Figure 1: Regional geology Block A

Field Work:

Findings:

- See photo's below

Samples:

- Three rock grab samples
- Two samples taken for assay

- One sample – Black shale taken for physical property testing



Photo 1: Large (5-10 m thick) mineralized (pyritic) Quartz vein and site of sample 80728IM001



Photo 2: Bedding in crystal rich tuffs – gritty texture, porphyroclasts



Photo 3: Mineralized (pyrite) Quartz vein in crystal rich tuffs – site of Sample 80728IM002



Photo 4: Slickensides in Station Creek Volcanic tuffs



Photo 5: bedding in crystal rich tuffs, and fine grained welded tuffs (not: it is difficult to tell the difference between welded tuffs and cherts) – Station Creek



Photo 6: Gossanous outcrop – Station Creek crystal tuffs with cross cutting quartz veins – gossan is produced by surficial iron staining



Photo 7: Sample locality 80728IM003 – Black Shale for physical property testing. Location is adjacent to major fault zone that is a faulted contact between Station Creek and Hasen Creek Formations



Photo 8: Interbedded mudstones (competent) and graphitic shales (less competent) in Hasen Creek Formation



Photo 9: Interbedded mudstones (competent) and shales (less competent) in Hasen Creek Formation



Photo 10: Lithological control on cleavage. Cleavage restricted to graphitic (black shales) and does not pass through mudstone. Gives one an idea of the three principle axes of strain (Sigma 1, 2, 3)



Photo 11: Fold hinge – tight synform in Hasen Creek shale

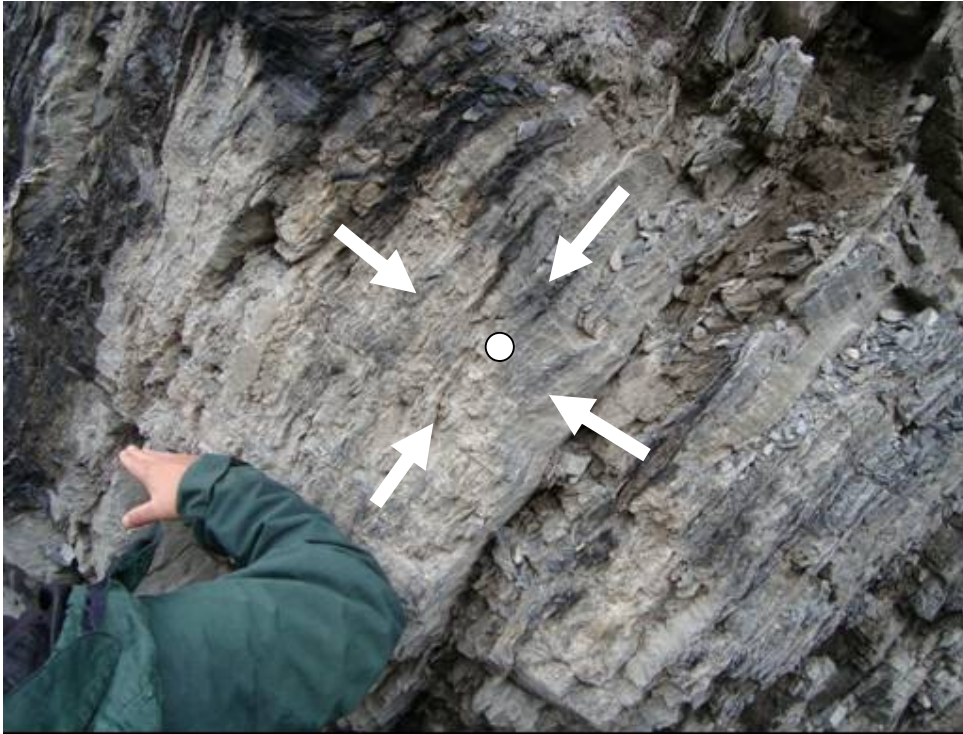


Photo 12: Crenulation cleavage – indicates additional strain event in the rocks. Crenulation cleavage is not pervasive in the outcrops. There could, however, be a lithological control on the strain/cleavage



Photo 13: Interbedded mudstones and shales. View to the NW



Photo 14: Overturned mudstones, shale and sandstones in Hasen Creek. View to the NE



Photo 15: Large volcanic breccia bolder – clasts are amygdaloidal volcanic – Station Creek?



Photo 16: Large conglomerate with tuffaceous matrix with volcanic clasts – Hasen Creek ???

Field Mapping report

Date: 30th July 2008

Personnel: Paul Nex, Richard Montjoie, Ian McCutcheon, Rob Gerhard, Dylan Morgan

Area: NW border of Block A

Brief Description:

- Map the NW border of Block A
- This route was traversed on the 9th July with Steve Israel (YGS), Kristy Long and Chris Solic
- Ground truth YGS – 1:50 000 mapping – use this to gain a better understanding of the stratigraphy and rock types
- Locate and identify any conductive formations ahead of the VTEM survey – eg: Black shales within Hasen Creek, and Klauane Ranges Suite granodiorites

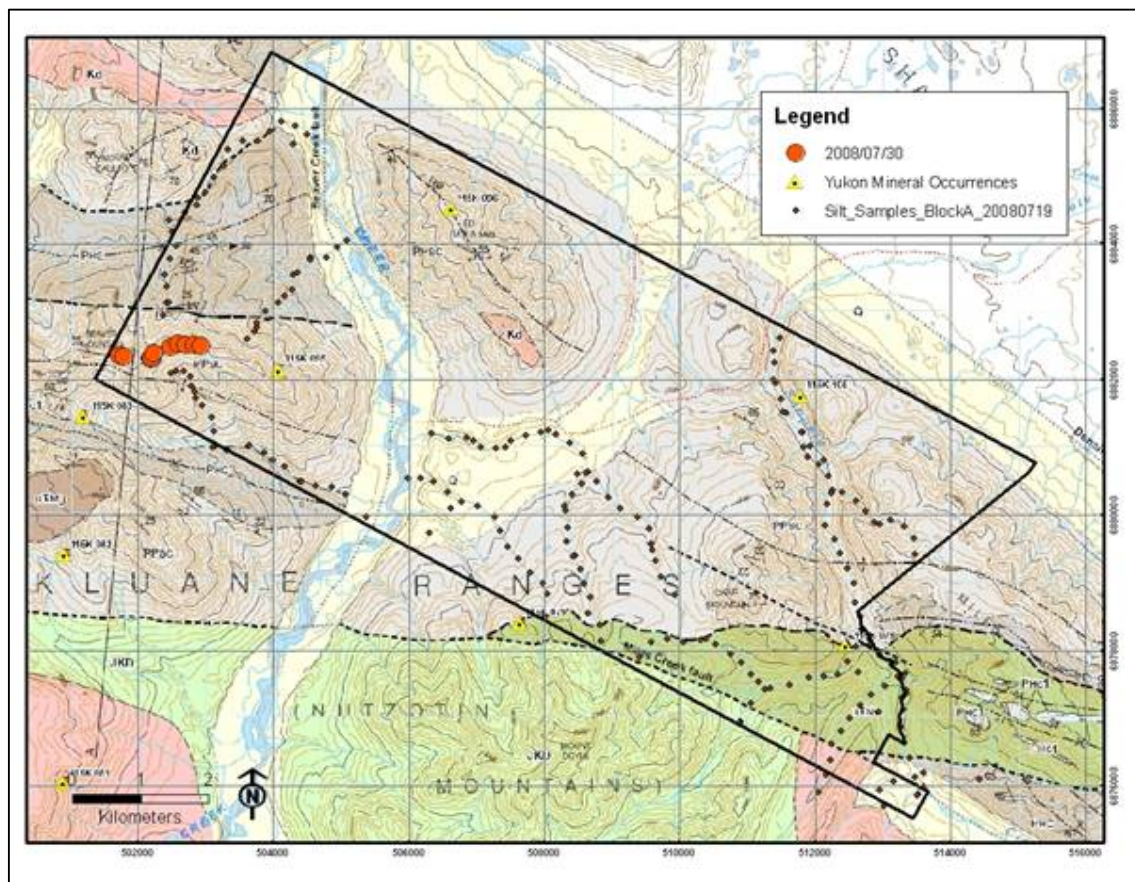


Figure 1: Regional geology Block A

Field Work:

Findings:

- See photo's below



Figure 2: 10 m thick Quartz vein at start of traverse



Figure 3: Pyrite blebs in dolomite within the breccia



Figure 4



Figure 5: Brecciated volcanic – related to graben



Figure 6: Brecciated volcanics



Figure 7: Breccia

Field Mapping report

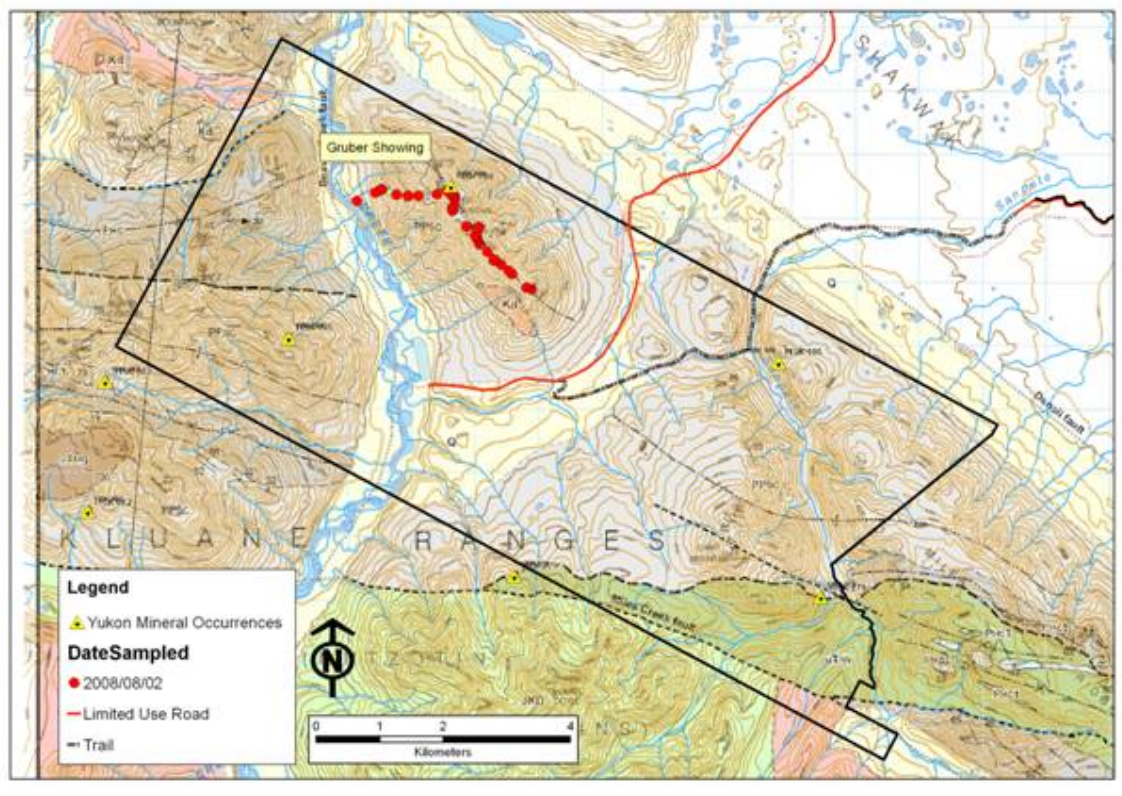
Date: 2nd August 2008

Personnel: Ian McCutcheon, Richard Montjoie, Paul Nex, Sam Oshati, Chris Doley

Area: Block A – Ed Mountain

Brief Description:

- Ground truth YGS – 1:50 000 mapping – use this to gain a better understanding of the stratigraphy and rock types
- Start the stream sediment sampling program
- Investigate the Gruber Showing (Minfile #115K 096)



Ed Mountain Traverse and sample points





