

**Geological report on the  
True Blue Project  
describing the geology, geochemistry and REE mineralization  
of the  
Shark Property**

Shark 1 - 16 YC23168 - YC23183  
Shark 16 - 64 YC24131 - YC24178  
Shark 65 - 94 YC24327 - YC24356  
Shark 95 - 335 YD59630 - YD59870

NTS 105F/07, 08, 09 and 10  
Latitude 61° 30'N Longitude 132° 30'W

in the

Watson Lake Mining District  
Yukon Territory

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## Summary

During 2010 Great Western Minerals carried out a rare earth element exploration program over the Shark claims in the Yukon which had been optioned from True North Gems. The work program consisted of staking, stream sediment sampling, soil sampling, chip sampling, together with prospecting and geological compilation/mapping.

Initially the property consisted of 94 quartz claims and was expanded in two stages to 301 quartz claims and then to 335 quartz claims to cover the available area underlain by a syenite pluton. The syenite is cogenetic with and intrudes trachytic metavolcanics that overlie Paleozoic metasediments that form the Cassiar Terrane. A number of rare earth element showings which were originally identified in 1976 during an uranium exploration program are contained within the property.

A high resolution magnetic and radiometric survey was flown over the property by New-Sense Geophysics. This survey identified a number of magnetic and radiometric anomalies, including the original 1976 anomaly and some of the new anomalies coincide with mineralized quartz aplite dykes that are associated with REE showings.

Stream sediment sampling was carried out with samples being collected from streams draining the property. Two types of samples were collected: a) standard silt samples and b) heavy mineral concentrate samples. These surveys returned highly anomalous REE concentrations in samples derived from a known Pb/Ag showing hosted in veins within trachytic metavolcanic rocks. No significant anomalies associated with the known REE showings were obtained in the stream sediment survey.

Contour and ridge soil sampling was carried out over known showings and areas identified as anomalous in the airborne survey. One coherent anomaly has been defined over the Blue showing near the northwest limit of the property. Less coherent soil sample anomalies occur elsewhere on the property and are commonly proximal to mineralized dykes. A chip sampling program was carried out at the base of talus slopes where mineralization had been previously reported. This sampling did not prove to be better at locating anomalous areas compared to standard prospecting and sampling with the assistance of a scintillometers.

Trace element and whole rock sampling results show that the cogenetic metavolcanics, igneous rocks and dykes have a large compositional range. Metavolcanics range from trachyandesites to trachytes to alkali rhyolites. Igneous rocks range from syenite to quartz alkali syenite to alkali granites. Dykes range in composition from syenite to aplite to quartz aplite and to silexite. Strong carbonate alteration has affected these metavolcanic, igneous and hypabyssal rocks.

The rare earth element, zirconium and niobium mineralization is associated with the metavolcanic, igneous and hypabyssal rocks that occur on the property. Low level concentrations of REE, Zr and Nb occur in the metavolcanic and igneous rocks with a general trend that the more siliceous the host rocks are, the higher the REE, Zr and Nb concentrations. Low grade mineralization occurs in the dykes and again the grade of mineralization tends to be higher in the more siliceous dykes. Rare earth, Zr and Nb mineralization also occurs in a patchy distribution within skarns developed in the contact metamorphic zone where the syenite pluton intrudes into carbonate sediments. The highest grade mineralization occurs in a small dyke at Guano Ridge which graded 2.67% REO+Y. However, average grades of samples from the different dykes range



between 1.19% and 0.39% REO+Y. Individual ZrO<sub>2</sub> grades within the dykes are as high as 4.77% but average grades between different dykes range between 1.88% and 0.74%. Similarly the maximum Nb<sub>2</sub>O<sub>5</sub> grade is 2.92% while the averages range between 0.85% and 0.25%. The average grades of mineralization in the skarns are 0.39% REO+Y, 0.75% ZrO<sub>2</sub> and 0.35% Nb<sub>2</sub>O<sub>5</sub>. In both the skarns and the dykes the proportion of heavy rare earths to total rare earths in the mineralized zones ranges between 23% to 28%.

Mineralogical studies carried out on the mineralized dykes reported that the REE primarily occur in zircon, pyrochlore and allanite ± Ce carbonate and columbite. Within the skarns, the mineralogical studies indicate that the REE are primarily hosted in zircon and pyrochlore.

Most of the dykes which host the REE mineralization are narrow (<1metre), locally boudinaged and can only be traced intermittently. This characteristic of the dykes will restrict the ability to build up any size to mineralized zones. However, a final phase, differentiated magma chamber that fed these dykes may underlie the very strong magnetic anomaly south of Guano Ridge. Such a body, if real, could represent a target with tonnage potential. This potential size to a mineralized zone is offset by the low grade of the mineralization in dykes and the refractory nature of zircon and pyrochlore which contains a significant amount of the REE.

Additional work to advance the project could consist of small programs of soil and rock sampling at the Mat and Blue showings to determine the what type of REE mineralization occurs at these locations. These two showings have the most coherent geochemical anomalies. Additional work may be warranted at the Double A and Trip showings, and this work could consist of trenching and sampling to test the true continuity of these dyke sets and their REE grade. The most promising drill target based on the 2010 results, is to test the large magnetic anomaly south of Guano Ridge to determine if it is caused by a late, differentiated phase of the syenite pluton which fed the mineralized dykes.

## Table of Contents

<b>INTRODUCTION</b> .....	1
<b>PROPERTY DESCRIPTION and LOCATION</b> .....	1
<b>Location</b> .....	2
<b>ACCESS, CLIMATE RESOURCES, INFRASTRUCTURE and PHYSIOGRAPHY</b> .....	2
<b>Climate</b> .....	2
<b>Infrastructure</b> .....	2
<b>Physiography</b> .....	5
<b>PREVIOUS WORK</b> .....	5
<b>Other non REE Exploration Work</b> .....	7
<b>GEOLOGICAL SETTING</b> .....	9
<b>Property Geology</b> .....	9
Cambrian - Ordovician Sediments .....	9
Ordovician - Silurian Sedimentary Rocks .....	12
Devonian - Mississippian Epiclastic Rocks .....	12
Mississippian Volcanic Rocks .....	12
Mississippian Syenite Intrusions .....	13
Contact Metamorphism .....	16
Carbonate ‘Pipes’ .....	16
Dykes .....	16
<i>Aplite Dykes</i> .....	17
<i>Amphibolite Dykes</i> .....	17
<i>Syenite Dykes</i> .....	17
<b>AEROMAGNETIC AND RADIOMETRIC SURVEYING</b> .....	19
<b>GEOCHEMISTRY</b> .....	22
<b>Stream Sediment Sampling</b> .....	22
Silt Sediment Results .....	23
Heavy Mineral Concentrate Sediment Results .....	23
<b>Soil Sampling</b> .....	26
<b>Chip Sampling</b> .....	31
<b>MINERALIZATION</b> .....	32
<b>Guano Ridge</b> .....	32
<b>Ukon #1</b> .....	33
<b>Ukon #2</b> .....	35
<b>Ukon #3</b> .....	35
<b>Ukon #4</b> .....	36
<b>Ukon #5</b> .....	36
<b>Verley Showing</b> .....	36
<b>Double A Showing</b> .....	37
<b>Trip Showing</b> .....	39

<b>Blue Showing</b> .....	39
<b>Garnet Greisen</b> .....	39
<b>Shark Bowl</b> .....	40
<b>Gill Zone</b> .....	40
<b>Fin Zone</b> .....	40
<b>Moustache Showing</b> .....	40
<b>INTERPRETATION and CONCLUSIONS</b> .....	42
<b>REFERENCES</b> .....	44
<b>STATEMENT of QUALIFICATIONS</b> .....	48
<b>STATEMENT of EXPENDITURES</b> .....	49
<b>LIST of FIELD PERSONNEL</b> .....	50

### List of Figures

Fig 1.	Location of the True Blue Property	3
Fig 2.	Location of the Shark Claims between Seagull Creek and Ketzka Mine.	4
Fig 3.	Regional geological setting of the True Blue project	10
Fig 4.	General geology of the Shark Claims	11
Fig 5.	Immobile element classification of Mississippian metavolcanics	13
Fig 6.	Normalized REE plots for metavolcanic rocks	14
Fig 7.	Normalized REE plots for phases in syenite pluton	15
Fig 8.	Normalized REE plots for metamorphic skarns	16
Fig 9.	Normalized REE plots for dykes	18
Fig 10.	Total magnetic data over the property	19
Fig 11.	Vertical magnetic gradient over the property	20
Fig 12.	Total count radiometric data over the property	21
Fig 13.	Location and Total REE + Y results of silt stream sediment samples	24
Fig 14.	Location and Total REE + Y results of heavy mineral concentrate samples	25
Fig 15.	Location and REE results of soil sampling	27
Fig 16.	Soil REE + Y anomaly associated with the Blue Showing	28
Fig 17.	Soil samples with REE + Y results between Oro Bravo drill road and Gill Zone	29
Fig 18.	Location and REE + Y results of soil sampling between Gill Zone & Guano Ridge	30
Fig 19.	Mapped vertical section along Guano Ridge and Verley showings	34
Fig 20.	Sketch of the Double A showing	38

**Appendices in Volume 2**

**APPENDIX 1**

**Stream Sediment Analytical Certificates.**

**APPENDIX 2**

**Soil Sample Analytical Certificates.**

**APPENDIX 3**

**Grab and Chip Sample Analytical Certificates.**

**APPENDIX 4**

**Whole Rock Analyses and Mineral Norms plus Analytical Certificates**

**APPENDIX 5**

**Check Sampling**

**APPENDIX 6**

**Mineralogical Analysis of 3 Zones from the  
True Blue Project, Yukon**

**APPENDIX 7**

**Logistics Report for the High Resolution Airborne  
Geophysical Survey**

**List of Maps in Volume 3**

- Map 1. Total Magnetic Intensity
- Map 2. Magnetic 1<sup>st</sup> Vertical Derivative
- Map 3. Radiometric Total Counts
- Map 4. Potassium Radiometric Counts
- Map 5. Uranium Radiometric Counts
- Map 6. Thorium Radiometric Counts
- Map 7. REE + Y Concentrations in Soils and Silts
- Map 8. Uranium Concentrations in Soils and Silts
- Map 9. Thorium Concentrations in Soils and Silts
- Map 10. Total REE + Y Concentrations in Rocks
- Map 11. Zirconium Concentrations in Rocks
- Map 12. Thorium Concentrations in Rocks
- Map 13. Niobium Concentrations in Rocks
- Map 14. Bedrock Geology
- Map 15. Bedrock Geology of Guano Ridge

## INTRODUCTION

The True Blue project is a joint venture between Great Western Minerals Group Ltd of Saskatoon and True North Gems Inc of Vancouver to explore the Shark Claims in the Yukon Territory. The initial 94 Shark claims out of the 335 claims that make up the property are registered in the name of True North Gems. The remaining claims are registered in the name of Scott Newman or Alex Croft, employees of Great Western Minerals, and Great Western Minerals hold unregistered transfers for these claims. The additional 241 claims that were staked in the season cover those parts of the syenite pluton on the geology map of the Yukon. The mapped limits of this pluton were used to define an area of influence in the JV agreement.

The Shark claims are located in the Ketz - Seagull district of the southern Yukon. Stew Fumerton was retained by Great Western Minerals to manage a Rare Earth Elements (REE) exploration program on the property. Field work was carried out between 7<sup>th</sup> June and 16<sup>th</sup> August 2010 and this report describes the results of the 2010 exploration program. The work consisted of staking additional ground, stream sediment sampling, soil sampling, rock sampling and geological mapping.

Work and geological mapping previously carried out in the area has been incorporated into the work reported here, especially the mapping by Hylands (1987), McFaul & Keats (1977), Baird & Keats (1977), Verley (1988), Archer (1977a 1980), Archer & Onasick (1977a) and Wengzynowski, (2003).

## PROPERTY DESCRIPTION and LOCATION

Three Hundred and thirty five (335) contiguous Quartz claims form the True Blue project, all located within the Watson Lake Mining District and within the following Yukon Government claim maps: NTS 105F/07, 105F/08, 105F/09 and 105F/10. The claims were staked under the Yukon Quartz Mining Act and are registered with the Watson Lake Mining Recorder under the following names:

<b>Claim Name</b>	<b>Grant Number</b>	<b>Owner</b>	<b>Expiry Date<sup>1</sup></b>
Shark 1 - 16	YC23168 - YC23183	True North Gems	2015-03-30
Shark 17 - 64	YC24131 - YC24178	True North Gems	2015-03-30
Shark 65 - 94	YC24327 - YC24356	True North Gems	2015-03-30
Shark 95 - 152	YC59630 - YC59687	Scott Newman	2011-07-05
Shark 153 - 218	YC59688 - YC59753	Alex Croft	2011-07-05
Shark 219 - 256	YC59754 - YC59791	Scott Newman	2011-07-05
Shark 257 - 284	YC59792 - YC59819	Alex Croft	2011-07-05
Shark 285 - 301	YC59820 - YC59836	Scott Newman	2011-07-05
Shark 302 - 317	YC59837 - YC59852	Scott Newman	2011-08-19
Shark 318 - 335	YC59853 - YC59870	Alex Croft	2011-08-19

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<sup>1</sup> Expiry dates do not include the work that has been filed for assessment credits in 2010

## **Location**

The Shark property is located approximately 52km due south of the hamlet of Ross River, 166km northeast of the capital city of Whitehorse and 15km from the abandoned airstrip near the Ketz River Mine, Figure 1. The property is centred on 61° 30'N and 132° 30'W. In this report all UTM coordinates are quoted using the NAD83 Zone 8N datum.

A claim sketch showing the distribution and location of the Shark claims is presented in Figure 2.

## **ACCESS, CLIMATE RESOURCES, INFRASTRUCTURE and PHYSIOGRAPHY**

Depending on the season and the activities at the Ketz Mine, access to the property can change. If there is a winter exploration program being carried out at the Ketz Mine, then year round access can be from the Ketz River airstrip, using helicopters to access the whole property. Alternatively parts of the property can be accessed by snowmobiles or ATVs using old drill roads that head west from the Ketz Mine and cross part of the property. However, this road is now washed out in several places so that access by 4x4 truck is no longer practical.

The Ketz Mine is accessed from either Whitehorse or Watson Lake via the Robert Cambell Highway, an all weather road with extensive gravel stretches. If there are no activities at the mine, access to the Shark claims in winter is via helicopter from Whitehorse or Ross River.

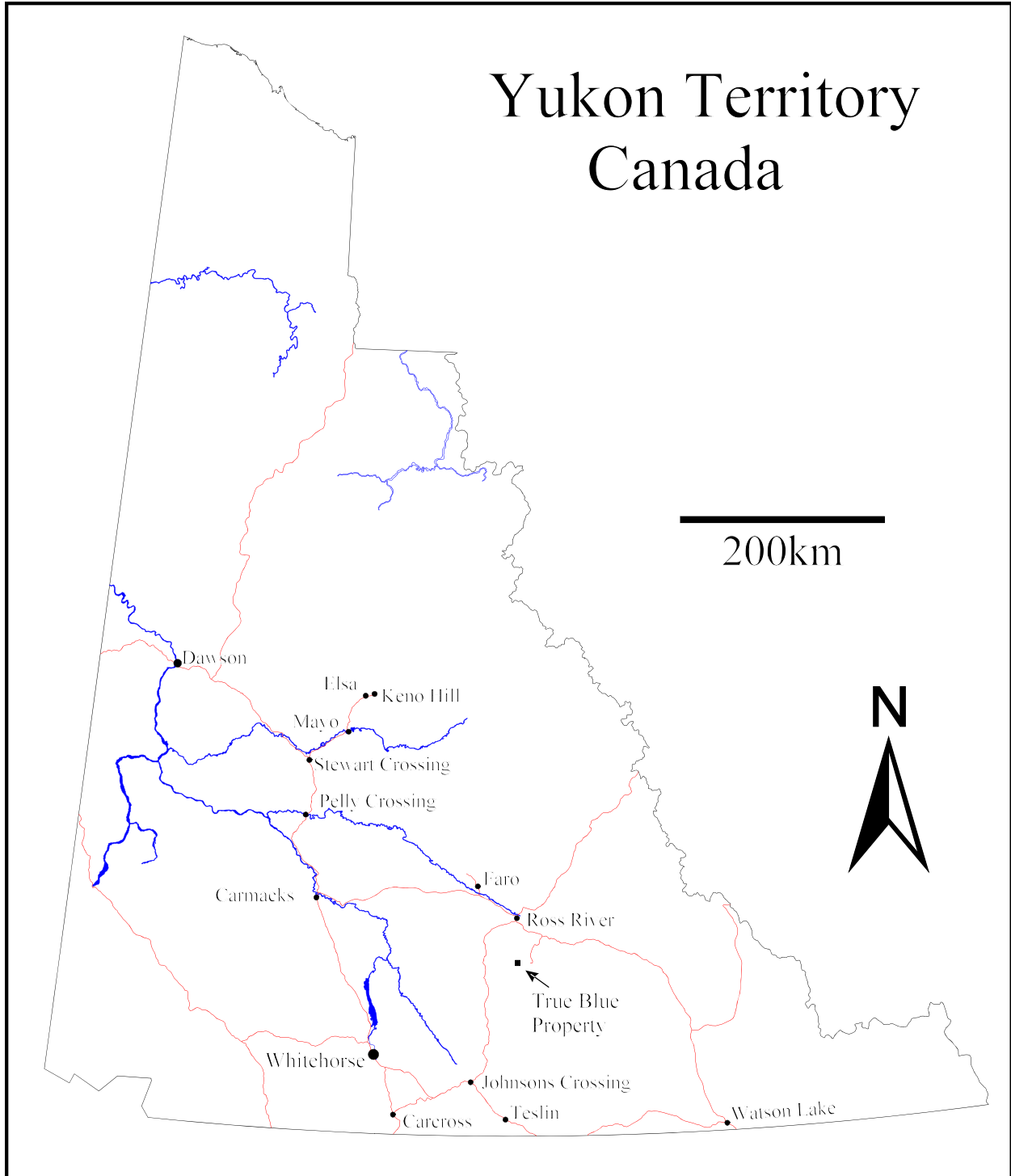
## **Climate**

As the property is located in the Pelly Mountains it receives an above average rainfall/snowfall compared to other places in the Yukon. The closest weather station is at Faro which is located in the Pelly River Valley where the average daily temperature between 1971 and 2000 ranged between -21.5°C in January to 15°C in July with extreme minimums of -52°C and extreme maximums of 34°C ( Environment Canada [www.climate.weatheroffice.gc.ca](http://www.climate.weatheroffice.gc.ca) )

The average precipitation measured by Environment Canada at Faro is 214.4mm of rain in a year and 111.6cm of snowfall in a year for a total precipitation of 316mm.

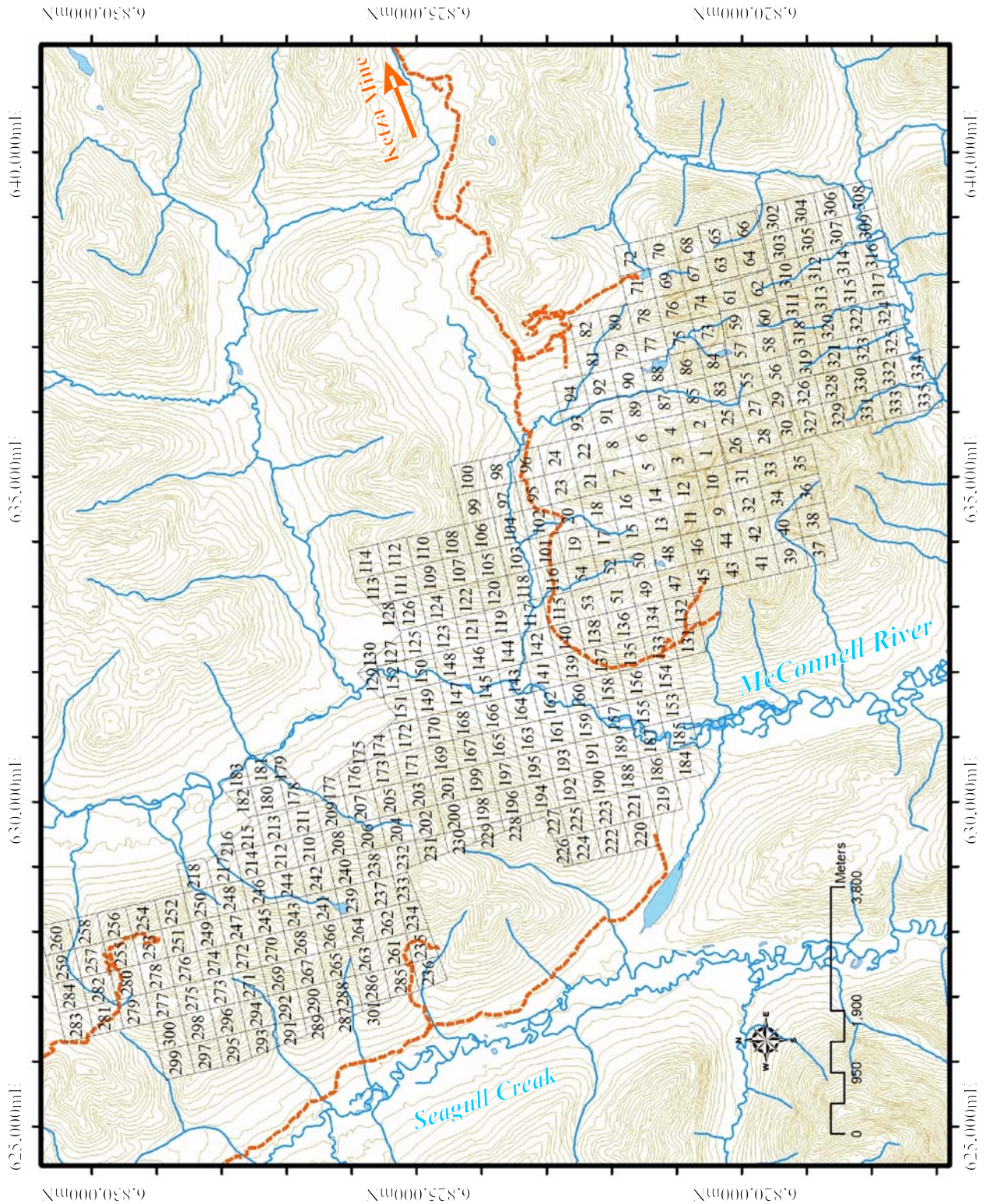
## **Infrastructure**

Infrastructure in the area is limited. Ross River the closest community is on the territorial electrical grid but the nearby Ketz Mine relies on diesel generators for electricity. Facilities available at Ross River are limited as the population is under 400 people though there is a gravel airstrip suitable for medium sized aircraft all year. Most services are available in Whitehorse.



**Figure 1** Location of the True Blue Property - Shark claims within the Yukon Territory relative to the main infrastructure.





**Figure 2** Location of the Shark claims between Seagull Creek and the Ketzia Mine. These claims form the True Blue project. The tracks marked in red are old drill roads.

## **Physiography**

The project area being located in the Pelly Mountains is in rough terrain. Sharp mountain peaks with arêtes and cirques occur at elevations up to 2,000 metre separated by wide glaciated valleys at 1,000 metres above sea levels.

Valley floors are vegetated with spruce, birch, alders and balsam trees which become stunted at higher elevations and the tree line is at approximately 1,600m. Above this elevation there are alpine meadows and large areas of bare rock. Talus slopes at higher elevations are characteristically bare of any vegetation.

## **PREVIOUS WORK**

Following the discovery of Lead - Silver veins in the Upper Ketzka River valley by Hudson Bay Mining and Smelting in 1947 there has been a steady volume of exploration in the vicinity of the Shark property. The commodities sought have included Pb-Ag vein mineralization as found at the Ketzakey or Stump deposit to the east and the Groundhog deposit to the northwest of the Shark claims. Other commodities found in this exploration effort include the mantos type gold mineralization which was exploited at the Ketzka River mine, the MM volcanic massive sulphide prospect to the southwest and the Stormy Mountain molybdenum-tungsten deposit to the west. Uranium exploration carried out by the Ukon Joint Venture between Chevron Minerals and Kerr Addison mines led to the discovery of the Guano REE mineralization on the Shark claims.

The initial exploration work directed towards uranium exploration was carried out by Archer Cathro in 1976 on behalf of the Ukon Joint Venture (Archer and Onasick 1977a). This exploration program was a follow-up on a regional radiometric survey which identified anomalous radioactivity associated with a fluorite bearing syenite. Follow-up of the regional work on the Guano and Guayes Claims, presently covered by the Shark Claims, consisted of contour heliborne radiometric surveying, prospecting and geochemical sampling. The geochemical samples collected included soil samples, silt samples, water samples, grab samples and litho samples. It was the whole rock analyses of the litho samples that identified anomalous concentrations of Nb and REE in skarn altered carbonate meta-sedimentary rocks on the contact of the syenite intrusion. The conclusion from this work was that the distribution of uranium was too patchy to be of economic significance and it was speculated that the REE mineralization may be associated with a carbonatite intrusion along the southeast contact of the syenite plug.

In the following year, 1977, additional contour heliborne radiometric surveying was carried out on the Guano & Guayes Claims and the ground work consisted of geological mapping, soil sampling over a grid, collecting a few heavy mineral concentrates from streams together with some hand trenching (Archer 1977a). It was concluded from this work not to pursue further exploration for uranium on this property. Also in 1977 the Ukon JV sponsored Filicie Chronic (1979) to study the REE mineralization on the property. In Chronic's work the REE mineralization was found to preferentially occur in melagranite and mafic dykes which intruded metamorphosed sedimentary carbonates and hornfels adjacent to the contact with the syenite on Guano Ridge. Chronic also documented that enriched REE concentrations occur in veins within the syenite and that all mineralization is associated with very high zircon concentrations. It was determined that the total REE concentrations are 1-2% in the mafic dykes, 0.02 to 0.6% in the melagranite dykes and 150 to 400ppm in the syenite. Furthermore, the light REE are enriched relative to the heavy REE.

The final work carried out by the Ukon JV on the Guano & Guayes Claims was in 1979 (Archer 1980) when a number of chip samples were collected along grid lines. This sampling failed to duplicate the values obtained by Chronic (1979) and the best value was 0.13% total REE in a talus sample (semi quantitative analyses). Based on this work the property was subsequently dropped.

Mountain Province Mining held the White Claims that covered Guano Ridge and in 1987, as an aside to their main gold exploration program they collected grab samples and analysed them for REE, which confirmed the presence of REE (Christopher 1988). Furthermore, a number of contour soil sampling traverses were completed around Guano Ridge by Mountain Province Mining (Verley 1988) and these samples were analysed using an ICP technique which reported some REE analyses. Verley also prospected the Guano Ridge area and found a new showing southwest of where the Ukon JV found high REE values. In this area samples contained up to 0.6% Zr, 1,266 ppm Nb and 2,060 ppm TREE<sup>2</sup>. A stream sediment sampling program was also carried out by Verley (*op cit*) and five samples returned anomalous lanthium values, two samples from Cloutier Creek north of the Ketz Mine but the other three anomalous sample locations were not plotted. Samples from creeks draining Guano Ridge were not anomalous. Results of Mountain Province's soil sampling survey indicate that there are anomalous lanthium values on a hill west of the headwaters of Cloutier Creek.

In 2002 True North Gems restaked the ground originally held by the Ukon JV. This followed the identification of a blue mineral originally collected by Archer Cathro in 1976 as beryl. Work carried out for True North Gems by Archer Cathro consisted of prospecting and collecting mini bulk samples to assess the grade of the beryl (Wenzynowski 2003). Two new beryl prospects were found during this work: the Shark Bowl and Fin Zone southwest of the original Gill Zone. All three zones are hosted within the syenite intrusion. In the following season 2004, a program which consisted of geological mapping, soil sampling and mineralogical examination of beryl was carried out (Wengzynowski 2005). This work documented that most of the beryl was light coloured and that samples collected from the talus slopes tended to be fractured.

Turner (2006) who was involved in the beryl exploration program carried out for True North Gems based his M.Sc thesis on the beryl mineralogy. During Turner's (*op cit*) study and Turner *et al* (2007), allanite was found to be associated with the beryl in the quartz veins and that the REE in this allanite was enriched in light REE whereas fluorite within the quartz veins was enriched in the heavy REE.

In 2009 True North Gems switched from exploring for beryl and emerald to testing the REE potential of the property (Turner 2010). The work consisted of a short prospecting program assisted by hand held scintilometers and a portable XRF unit that confirmed the REE mineralization on Guano Ridge and also found REE mineralization associated with beryl mineralization at the Shark Bowl and rediscovered a showing that Turner called the Camp Skarn or Garnet Allanite Skarn. A single sample from the Shark Bowl returned 0.14% Total REE oxides<sup>3</sup>, seven samples from the Camp Skarn showing returned values ranging from 0.03 - 1.99% Total REE oxides (REO) and the

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<sup>2</sup> The Mountain Province samples were dissolved using aqua regia which partially digests the sample material, consequently the results are significantly lower for all REE and associated elements compared to near total digestion techniques.

<sup>3</sup> Some report give analytical results as metal concentration whereas other reports quote the oxide concentration.



remaining samples collected from the Guano Ridge or adjacent talus slope returned values up to 6.02% Total REO. One chip sample across 5m was collected from Guano Ridge during this work and returned 0.4% Total REO.

Eleven kilometres east of the Shark claims is the Nokuit REE showing. An occurrence of radioactive fluorite and barite in a syenite stock was first discovered by the British Yukon Exploration Company in 1955 (Aho & Padgham 1956). Subsequently the Ukon JV discovered the REE mineralization at the Nokluit showing in 1976, the same time as the REE mineralization was found at Guano Ridge (Archer & Onasick 1977b, Archer 1977b). More recently the REE potential of the Nokluit showing was tested by James Dodge (1991) who obtained up to 0.9% total REE in grab samples and carried out metallurgical testing of the mineralization in 1996 (Dodge 1996). The later work concluded that the average grade of the Nokluit 4m thick mineralized dyke was:

Y <sub>2</sub> O <sub>3</sub>	0.15%
REE Oxides	1.37%
Nb <sub>2</sub> O <sub>5</sub>	0.66%
ZrO <sub>2</sub>	1.11%

Mineralogical work carried out on the Nokluit showing indicated that the host syenite is strongly carbonatized and locally silicified. Furthermore, the main rare earth mineral in the showing is monazite ((Ce, La, Nd, Th)PO<sub>4</sub>) with secondary bastnaesite ((Ce, La)(CO<sub>3</sub>)F) and parisite (Ca (Ce, La)<sub>2</sub>(CO<sub>3</sub>)<sub>3</sub>F<sub>2</sub>) in grains up to 150µm. The zirconium occurs in very fine grained, spongy zircon crystals and niobium occurs as various niobates in inclusions within other minerals (Lastra and Owens1995).

### **Other non REE Exploration Work**

Besides exploration for Uranium and REE in the area other commodities have been sought within the present claim. The initial work was carried out by Conwest Exploration in the area between Seagull Creek and McConnell River on the Box Claims looking for base metals. Subsequently Tay River Mines (Hachey 1966) carried out rough geological mapping of the volcanics and sediments overlying the syenite.

Charta Mines Ltd (Hilker & Carlson 1970, 1971) started to explore the CPA claims in 1969 which were located along the southern boundary of the present Shark claim block to cover large gossan zones. Mapping, soil sampling and ground magnetic surveying was carried out in the search for VMS desposits hosted in felsic metavolcanics. Subsequently United Keno Hill Mines expanded and explored the property by mapping and soil sampling (Baird and Keats 1977).

Nuspar Resources held the Sea and Seatu claims north of Greyling lake in 1977 and carried out a limited ground magnetic and soil survey in the area in the search for lead-zinc mineralization. Results were not encouraging and no further work was carried out (Sadlier-Brown & Nevin, 1977).

United Keno Hill Mines held the JD Claims in 1977 which were roughly centred on a small lake north of Greyling Lake (McFaul & Keats 1977). This mapping program was directed towards VMS exploration and delineated areas of trachytic metavolcanics overlying syenite in the centre of the syenite pluton mapped by the government.

In 1985 Regional Resources and Fairfield Minerals carried out an exploration program on the Ram claims looking for Lead-Silver mineralization (Stammers 1985, Westerman 1985)). The Ram claims covered the northwestern part of the present property though most of the work was carried outside of Shark claims. The work which was carried out within the present Shark property included limited prospecting on the Goat showing which consists of sparse carbonate vein float with coarse galena plus sparse sphalerite. Assay results returned 1,136g/t Ag and 0.068g/t Au and it was speculated that the float came from the syenite but equally it could have been glacially transported. In 1987 additional exploration was carried out on the Ram claims by Fairfield Minerals (Hylands 1987). This work consisted of soil sampling, ground geophysics, mapping and some encouragement was obtained from the Trout showing where samples returned up to 11.2g/t Au.

Cinnabar Resources (Heddle 1987) explored the Tay and LP claims which were located on the western boundary of the present Shark claim group. This work was directed towards finding a sources for auriferous boulders and consisted of ground magnetic and EM surveying with follow-up diamond drilling and was primarily located in the Seagull Creek valley floor. In 1999 exploration resumed on the Tay claims when a new soil sampling program was carried out (Tolbert 2000). In this work selective leach concentrations of REE were measured in soils and single samples on three adjacent grid lines contained anomalous REE concentrations. These anomalous sample sites are underlain by glacial material, west of the Shark claims and no explanation was advanced on the anomalous concentrations. Subsequent work by Ross River Gold on these claims (Schmidt 2004) collected silt samples from one stream which drains the Shark claims that contained high levels of Ag, Pb, Zn and La.

Cascade Pacific Resources followed up on the work of Charta Mines by restaking a larger area over the CPA & GAG claims as the Mathew claims in their search for VMS and lead-zinc mineralization (Burson 1989). During this work mapping and soil sampling was carried out over several small grids in the property which is partially covered by the southern Shark claim block. The grid areas are underlain by felsic metavolcanic rocks and cherts. In 1990 the claim block was flown by Aerodat on behalf of Granges using helicopter borne magnetic, electromagnetic and a VLF-EM systems ( O'Donnell 1990). Overall result from this survey suggest that there is a dyke cutting the felsic volcanic pile in the southern Shark claims and that this dyke trends about 120°. Purportedly Granges carried out ground follow-up of this work but the reports written by Solkoski in 1990 & 1991 are not available.

Pacific Comox Resources (Stephen 1993) staked the Nell claims which straddled the McConnell River and carried out a program of stream sediment, soil sampling and ground VLF surveying. This work was carried out in the search for precious and base metal mineralization but the results were disappointing.

In 1995 the northwestern part of the Mathew claims were restaked as the Mamu and Bravo claims and then explored by Oro Bravo (Doherty 1996). The exploration consisted of soil sampling together with ground magnetometer and VLF-EM surveying over the pyrite and base metal showings found by Granges. Encouraging results were obtained from the work with multi-element soil anomalies coincident with a magnetic anomaly. Follow-up work in 1996 consisted of additional soil sampling, ground geophysical surveying, trenching and mapping. This work extended and more clearly defined the base metal anomalous areas within a felsic volcanic sequence.

## GEOLOGICAL SETTING

The Shark claims are located in the Pelly Mountains of central Yukon. Mountains formed from a sequence of shallow marine miogeoclinal rocks which constitute the Cassiar Terrane, bounded to the southwest by the Omenica Tectonic Belt and to the northeast by the Yukon Tanana Terrane across the Tintina Fault. The Cassiar Terrane is a tectonically displaced part of the ancient North American continent.

Paleozoic marine platform sediments that form the Cassiar Terrane are overlain by, and inter-fingered with, Mississippian metavolcanic rocks and intruded by a string of small Mississippian syenite plutons adjacent to the Seagull Thrust. These metavolcanic rocks form the northwest trending Pelly Mountain volcanic belt (Figure 3).

During the Cordilleran Orogeny four major thrust faults foreshortened the Cassiar Terrane which from the structural lowest to highest are: the St Cyr Thrust, the Cloutier Thrust, the Seagull-Porcupine Thrusts, and the McConnell Thrust or Pass Peak Thrust (Abbott 1986). All dip to the southwest and are subparallel to the Tintina Fault and thrusting is believed to have occurred during the Late Jurassic and Early Cretaceous. These thrust faults have formed a series of thrust panels and the property is within the Seagull-Porcupine Thrust Sheet. Subsequent uplift associated with steep normal faulting has exposed windows of the Cloutier Thrust Sheet within the Seagull-Porcupine and McConnell Thrust Sheet. This Ketz-Seagull tectonic arch is thought to be underlain by Cretaceous plutons (Abbott 1986). The largest syenite pluton is located in the saddle along this arch.

Epiclastic and chemical sediments ranging in age from the Lower Cambrian to Mississippian age occur in the Cassiar Terrane and are intercalated with volcanic rocks. Predominantly these rocks are: shale, siltstone, sandstone, limestone, dolostone and alkaline volcanic rocks together with lesser amounts of conglomerate. Metamorphic equivalents of these rocks occur as slate, phyllite schist and marble in certain areas and the Cassiar Terrane is intruded by Mississippian syenite plutons and Cretaceous granodiorite batholiths / plutons.

### Property Geology

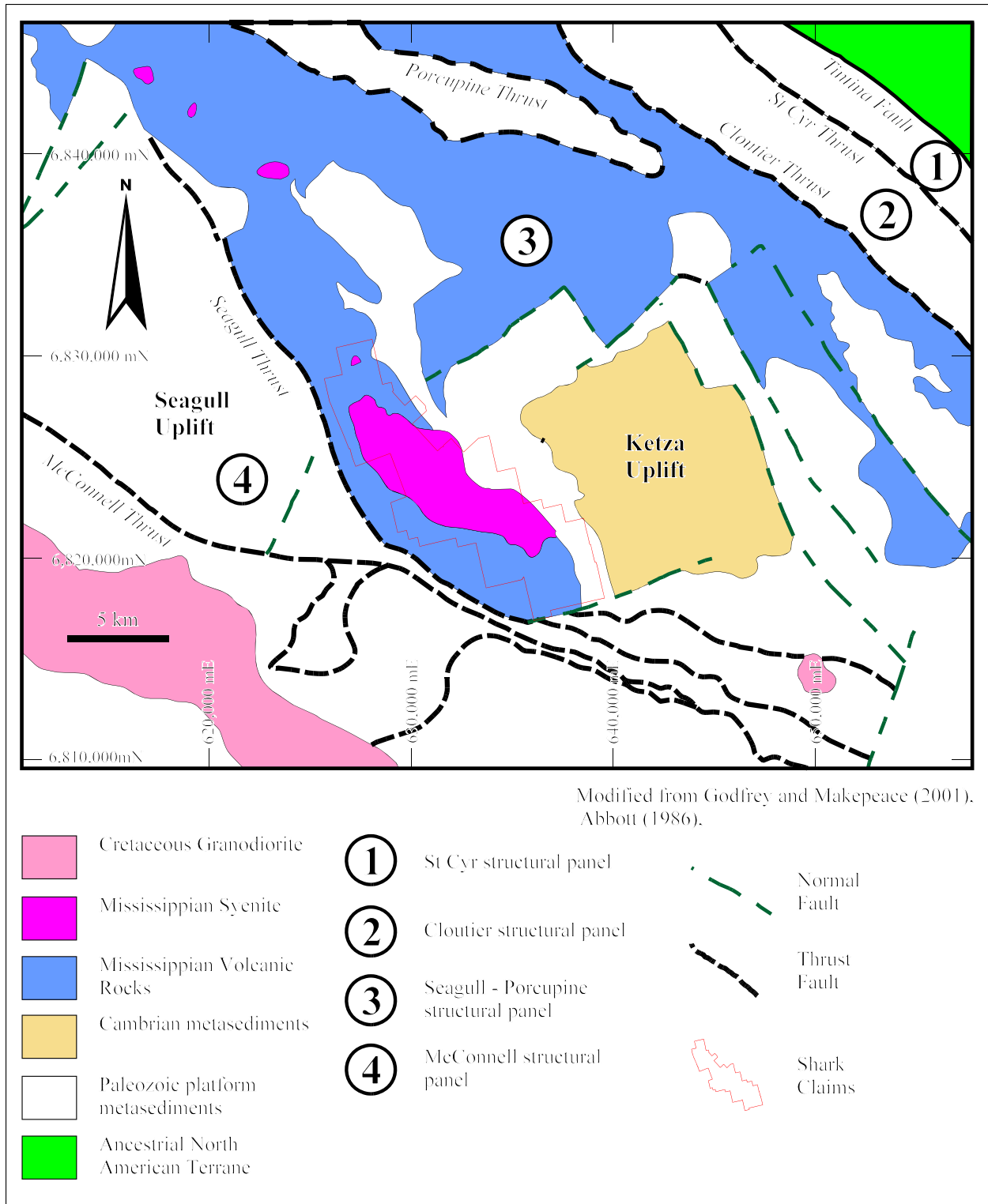
The Shark property is mainly underlain by Mississippian metavolcanic rocks intruded by a number of small syenite plutons. In addition there are six metasedimentary units from the Cambrian - Ordovician shales and limestones (€Osl), Ordovician-Silurian shales (OSs), Silurian-Devonian carbonates (SDd) and Devonian-Mississippian shales (DMsl)<sup>4</sup>. Regionally these rocks form part of a conformable sequence but steep faults have juxtaposed the different strata (Figure 4).

#### Cambrian - Ordovician Sediments

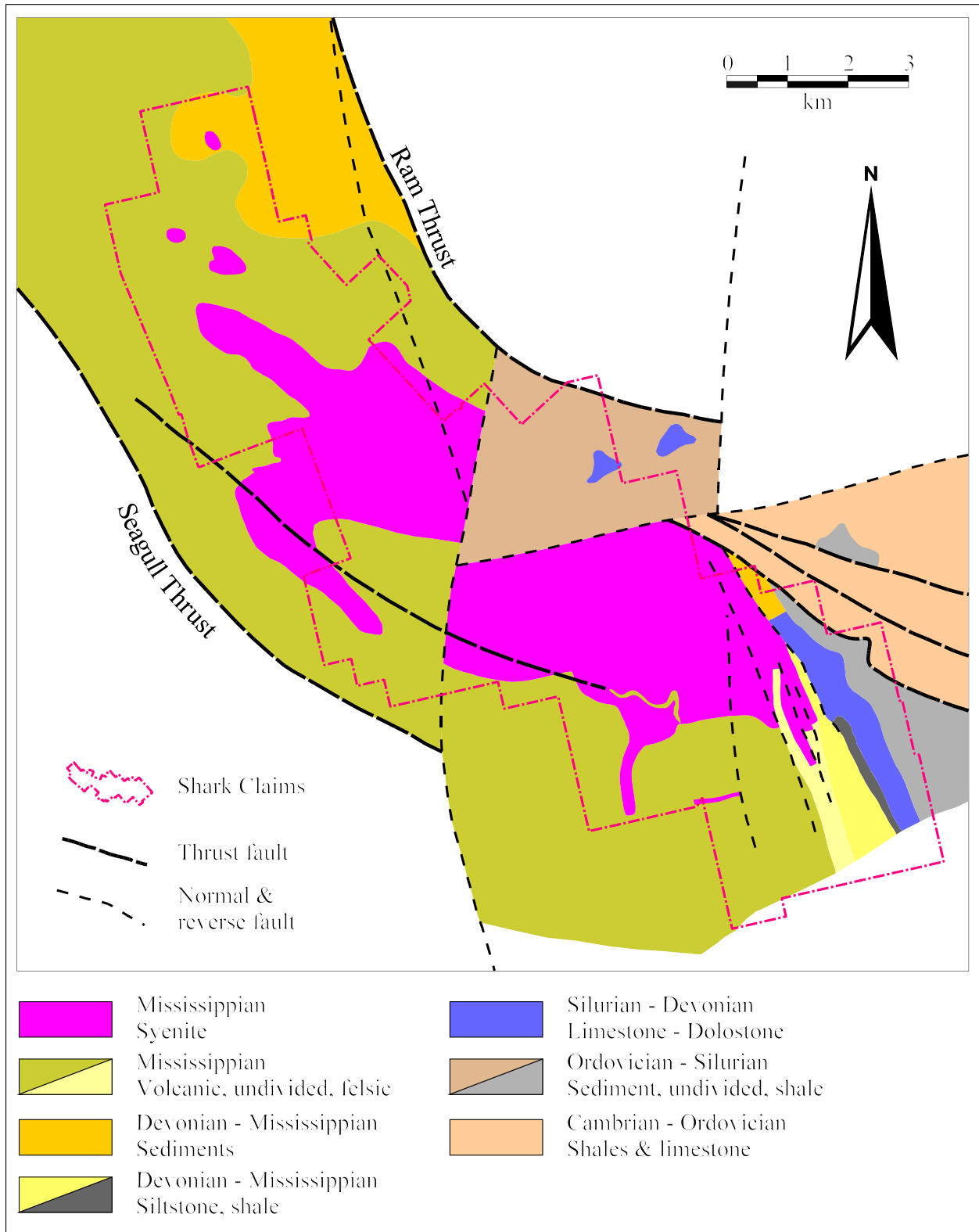
The Cambrian to Ordovician sediments can be subdivided into three units. The basal unit which consists of a platy, grey weathering, dark grey, laminated limestone. This unit is estimated to be in the order of 50 metres thick. Overlying the basal unit is a section of medium grey, massive to laminated, calcareous mudstone or phyllite. Large pyrite porphyroblasts are locally abundant in

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<sup>4</sup> The assigning of the different sedimentary units to geological periods has been inconsistent by previous workers in the area.



**Figure 3** Regional geological setting of the True Blue project within the Cassiar Terrane.



**Figure 4** General geology of the Shark Claims



this unit. The mudstone unit has an estimated thickness of 50 metres. Overlying the mudstone is a unit that contains thickly and thinly-bedded, creamy to orange weathered limestone. Individual limestone beds are separated by argillaceous partings which frequently thicken into discrete shale inter-beds.

### Ordovician - Silurian Sedimentary Rocks

A formation containing shale, calcareous shale, graphitic shale, argillaceous limestone, chloritic phyllite, with local volcanic flows - massive and amygdaloidal- as well as sections of tuff and agglomerate. In general, this package of rocks is thinly bedded, recessive and forms pale yellowish-orange weathering talus slopes. The main outcrops of this unit are in the hill north from camp where they dip at a very shallow angle to the north. The contact with the underlying Lower Cambrian strata is unconformable.

On the eastern boundary of the property the graphitic shale in this unit outcrops. The shale is laminated on the millimetre scale with fine disseminated pyrite. These shales which dip at a shallow angle to the west southwest, are separated from the Guano Ridge dolostones by a reverse fault.

### Silurian - Devonian Limestones and Dolostones

These carbonates occur in two areas. Firstly, capping the mountains to the north of camp where they conformably overlie the underlying strata and dip gently to the north. Secondly the carbonates occur in a steeply dipping fault block that underlies Guano Ridge. The unit dominantly consists of recrystallized dolostone with intercalations of limestone and thin beds of quartzite. The carbonate horizons are in part thickly bedded and in part thinly bedded. One feature of these carbonates is the local occurrence of magnetite bands in the rock at Guano Ridge. Chronic (1979) gives an extensive description of this unit and has made a number subdivisions at Guano Ridge but these divisions are hard to map laterally.

### Devonian - Mississippian Epiclastic Rocks

At the base of this unit are black graphitic shales with intercalations of brownish carbonates. Normalized REE concentrations of the graphitic shales in the rocks west of Guano ridge are very similar to the normalized concentrations of the black shales near McConnell River at the northwest part of the property and distinct from the Ordovician - Silurian graphitic shales. Stratigraphically the graphitic shales grade up into thinly bedded, brown, micaceous shales. The shales are locally calcareous with thin grey chert beds. Overlying the shales are fine calcareous siltstones which are thinly bedded at the base but are more thickly bedded higher in the sequence. The unit is capped by a metre thick chert bed.

### Mississippian Volcanic Rocks

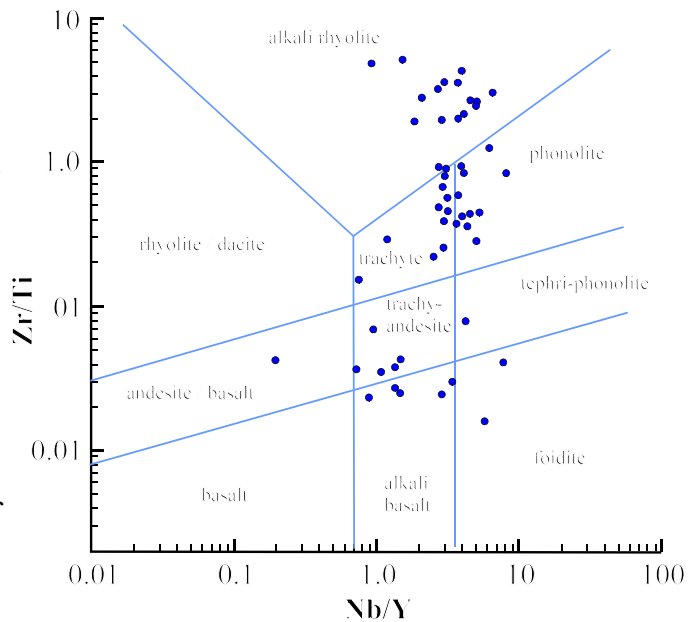
The volcanoclastic rocks phases include tuffs, tuff breccias, quartz-feldspar fragmental tuffs which locally are schistose. The rocks are fine grained to aphanitic and are off-white to pale grey

to greenish-grey to dark green and black. Locally, primary volcanic textures are discernable in lenses but typically the rocks are strongly foliated to sheared. Similarly the alteration ranges from negligible in lenses where primary textures are apparent, to weak and locally strong sericitization/carbonate alteration.

The flows are similar in composition to the volcanoclastics and consists of fine grained trachytic rocks. The flows range in colour from buff, to dark grey, to dark green, to black with some flows having alternating bands of light and dark coloured material indicating flow banding. These rocks are mostly aphanitic with some porphyritic feldspar and a few calcite amygdales within a massive ground mass. Units with evidence of flow banding are sparse and most of the flows are massive.

Using immobile elements to classify the metavolcanic rocks suggests that they range from trachy-andesite, through trachyte to phonolite using the original Winchester & Floyd (1977) diagram. The modified diagram (Figure 5) indicates that the metavolcanics range from trachy-andesite through trachyte to alkali rhyolite (Pierce 1996). The normalized REE plots (Figure 6) show that the REE concentrations tend to increase with the silica concentrations.

An incongruous feature of the metavolcanic rocks relative to the other supra crustal rocks in the area is the degree of tectonism that is evident in the rocks. Furthermore, the foliation/schistosity in the rocks have steep dips in contrast to the generally shallow formation dips. Quartz veining is common in the metavolcanics and these veins locally contain base metal sulphides together with high silver values.

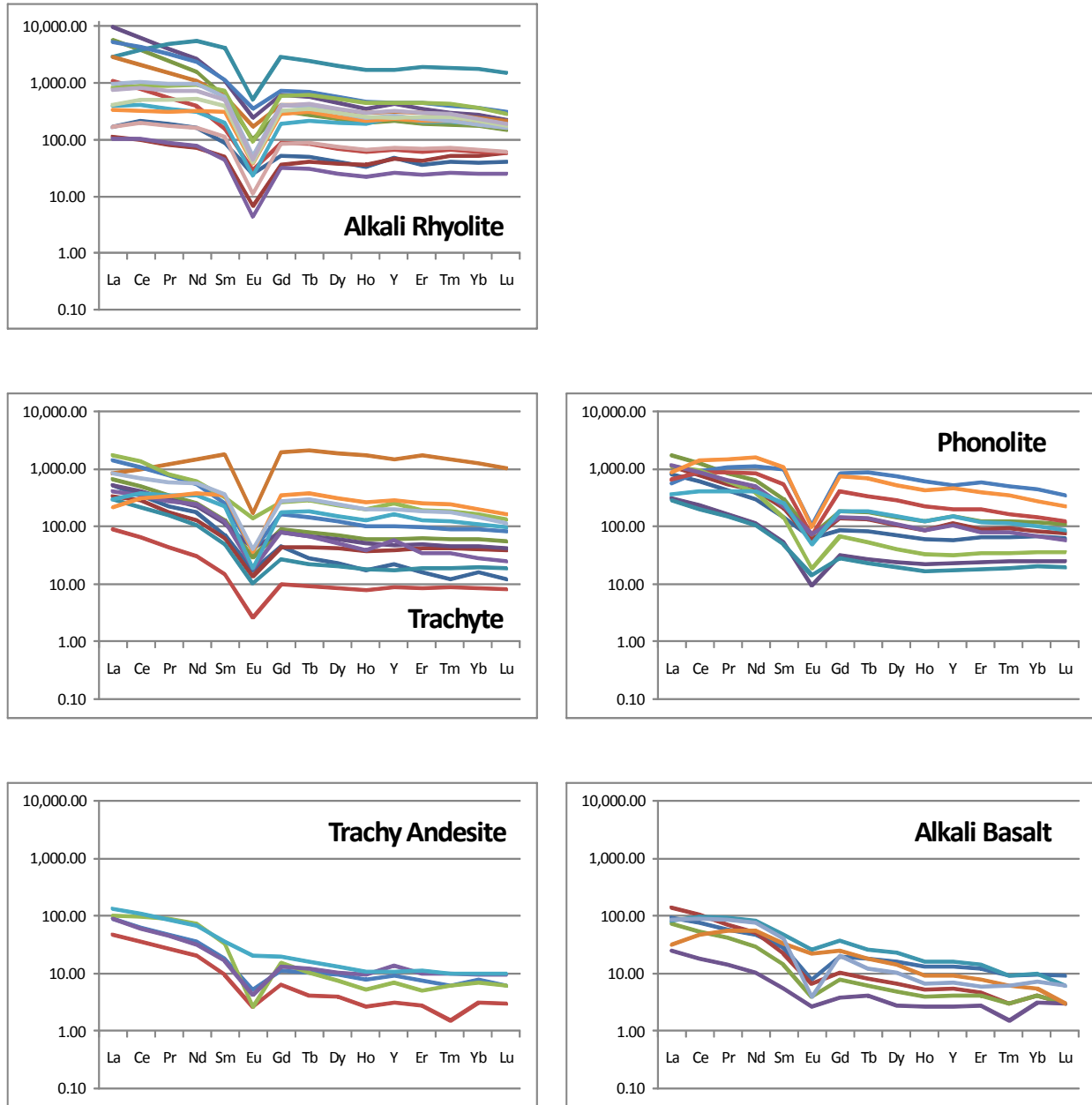


**Figure 5** Immobile element classification of the Mississippian metavolcanic rocks using the modified Winchester & Floyd classification (Pierce 1996).

### Mississippian Syenite Intrusions

Contacts of the various syenite plutons and plugs range from sharp to gradational and to irregular. Locally contacts are sheared and faulted with some roof pendants and fault slices of the metavolcanic rocks occurring in the syenite. This fault slicing is dominant on the eastern contact of the syenite pluton at Guano Ridge. In addition to the plutons and plugs there are large syenite dykes that intrude the Mississippian Volcanics.

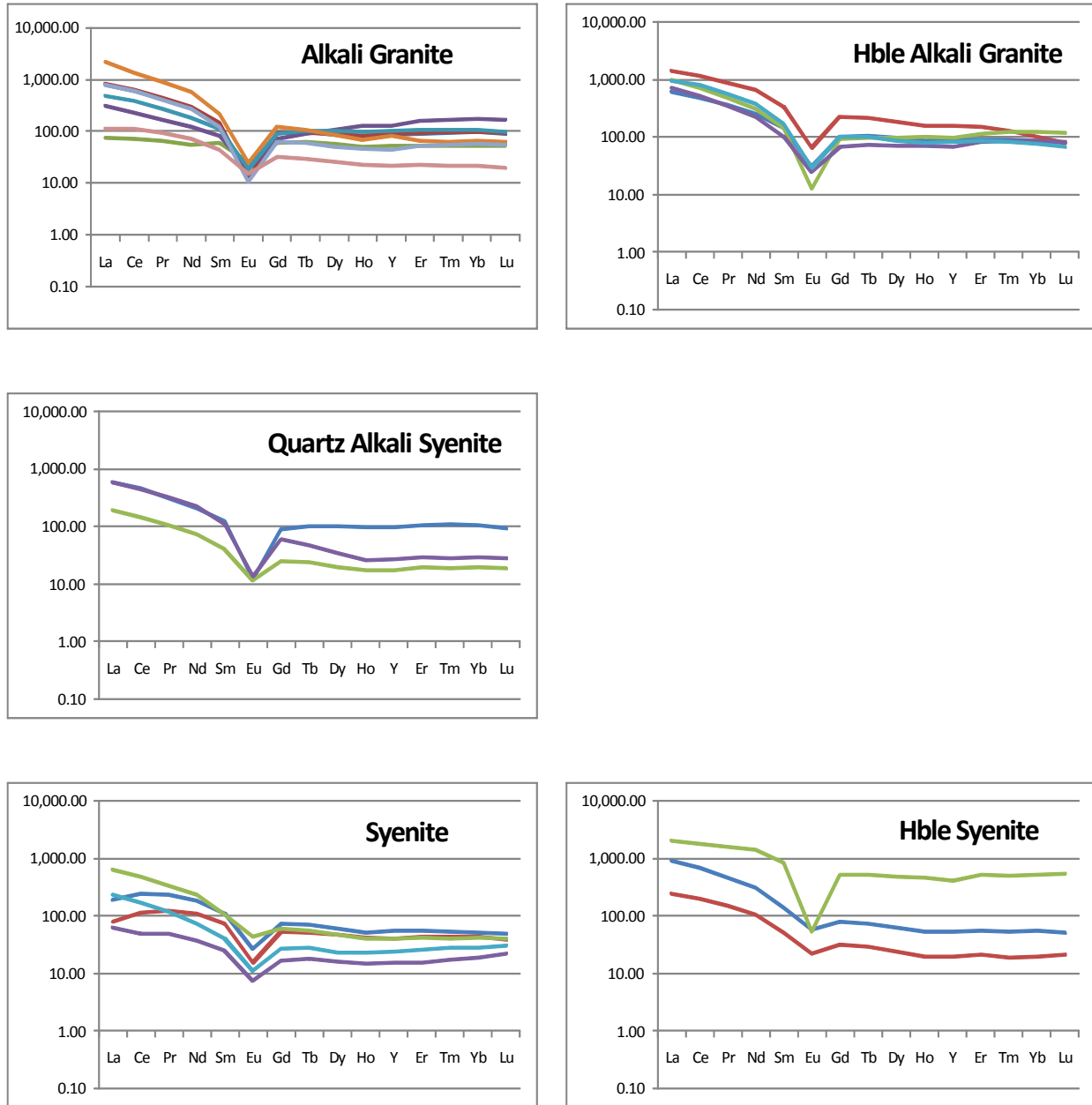
Syenite occurs in a two basic forms: a) a medium grained, equigranular leucocratic form predominantly occurring in the centre of the plutons: and b) a coarse, porphyritic form with variable hornblende and other mafic mineral concentrations. The leucocratic syenite has minor amounts of biotite and brown carbonate in the matrix. The porphyritic syenite contains anhedral to euhedral, zoned, orthoclase phenocrysts up to 5cm in length with a mafic rich matrix with up to 25% biotite,



**Figure 6** Normalized REE plots for the different metavolcanic rocks as classified using the modified Winchester Floyd diagram.

amphibole, pyroxene and magnetite. In places amphibole megacrysts up to one centimetre occur. The syenite is typically altered with carbonates, chlorite, epidote and quartz being alteration minerals. In places the alteration can be very pronounced and the macroscopic appearance is similar to the altered phases of the adjacent metavolcanic rocks.

Chronic (1979) determined mineral modes for the syenite when she classified the rock but no differentiation was made between albite and anorthite plagioclase. However, Chronic did note that most plagioclase occurs as perthite so it is probably albitic. Normative calculations indicate that the rock ranges in composition from syenite through alkali syenite, quartz alkali syenite to



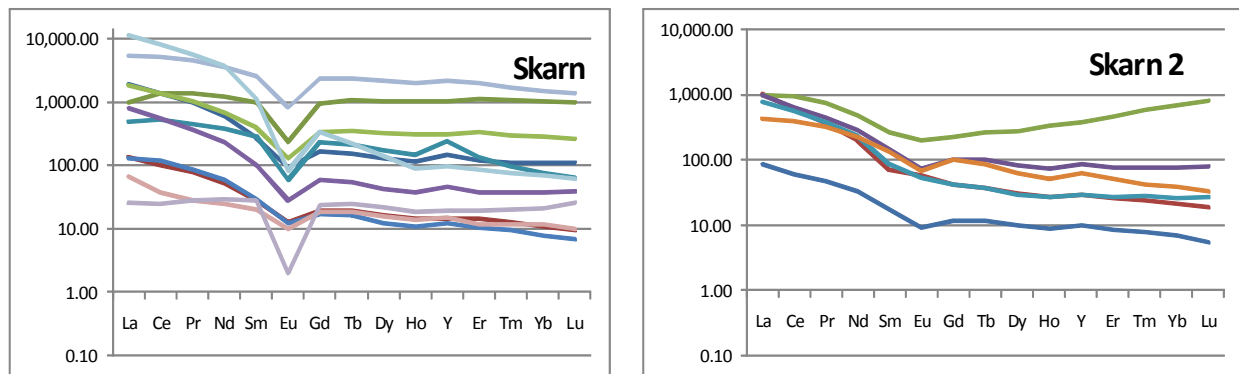
**Figure 7** Normalized REE plots for the different phases in the syenite pluton. Classification of the phases is based on calculated norms of those rocks which have whole rock analyses.

alkali granite. The analyses also indicate that the hornblende syenite is more altered to carbonates and that the REE concentration tends to increase with the silica concentrations (Figure 7).

Locally within the syenite, fluorite and beryl occur and as do greisens with grossular garnet.

## Contact Metamorphism

Contact metamorphism is very pronounced on the western slopes of Guano Ridge and to a lesser extent near the 'Chronic tarn lake'. Chronic (1979) divided this contact metamorphic alteration into three: a) banded, quartz-muscovite hornfels, b) dark green, diopside-phlogopite-calcite-tremolite-sphene skarn and c) pale green diopside-phlogopite-calcite skarn. Other minerals noted in the skarns along the 'Bench' west of Guano Ridge are serpentine, actinolite, idocrase and magnetite. Most of this alteration may be due to variable compositions in the affected carbonates or metavolcanics as banding is locally discernable in the skarns, probably reflecting different sedimentary beds. The inherent compositional variety of the skarns is also manifested in the normalized REE plots (Figure 8).



**Figure 8** Normalized REE plots for the metamorphic skarns along Guano Ridge.

## Carbonate 'Pipes'

Above the 'Bench' at Guano Ridge there is a conspicuous elliptical body of brown ferroan dolomitic carbonate within the Silurian - Devonian carbonates. Verley (1988) classified this body as a carbonatite pipe with a nearby associated breccia zone. Rather than being a carbonatite, this body is thought to be a pipe of recrystallized iron carbonates probably caused by hydrothermal fluids passing up through the sedimentary strata.

## Dykes

Based on petrographic studies, Chronic (1979) subdivided the small dykes that cut the syenite and Silurian- Devonian carbonates into two types: mafic dykes and mela-granite dykes. These small dykes also cut the metavolcanics and the Devonian - Mississippian epiclastic rocks in the area of Guano Ridge and at the northwest end of the property. Lithochemical results obtained indicate that there are more than two types of dykes.

### *Aplite Dykes*

Chronic's "Melagranite dykes" here called aplite dykes, occur in localized swarms with individual dykes being up to 2m thick but attenuated and locally boudinaged and have been intermittently traced over 500m. The dykes are fine grained, grey in colour with tints of green, brown and purple with the colour intensity varying with the quartz content. Compositionally (modes and norms), these dykes vary from alkali granite through quartz granite to silexite. The REE chemistry suggests that there are two types of aplite dyke which would have been intruded at different times (Figure 9).

Generally the REE concentrations increase with the silica content of the dykes but proved hard to classify in the field without major and trace element chemistry.

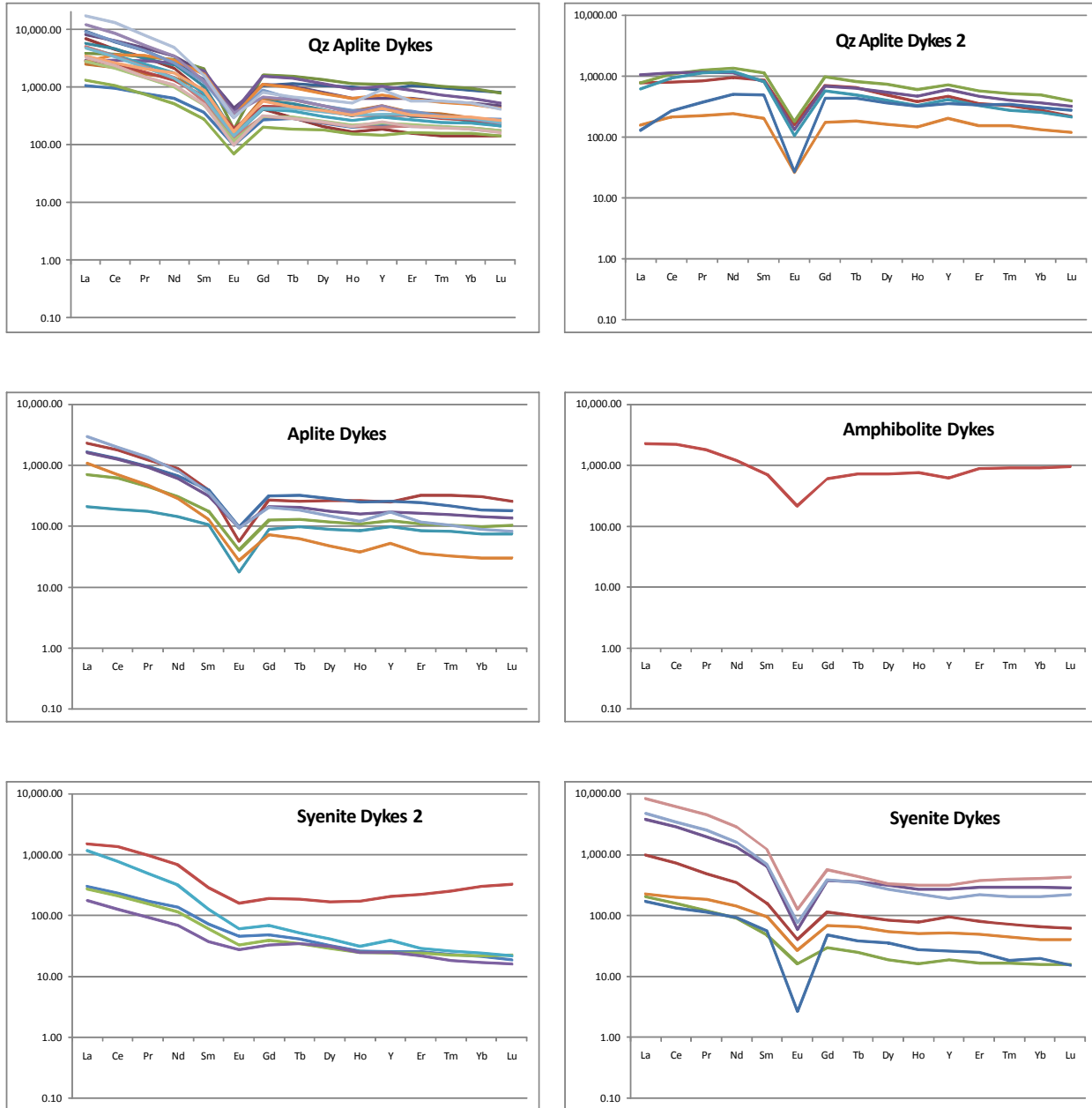
### *Amphibolite Dykes*

These dykes have only been found in one location so far. The dyke is about a metre thick, recessively weathered and composed of medium to coarse grained amphibole and brown carbonate. The dyke is extensively altered.

### *Syenite Dykes*

Chronic's (1979) "mafic dykes", here called syenite dykes, occur in small widely scattered dykes. The dykes are fine grained, dark green to black, are up two metres thick and only traced short distances. Again the REE chemistry suggests that there are two types of syenite dyke which could not be distinguished in the field.

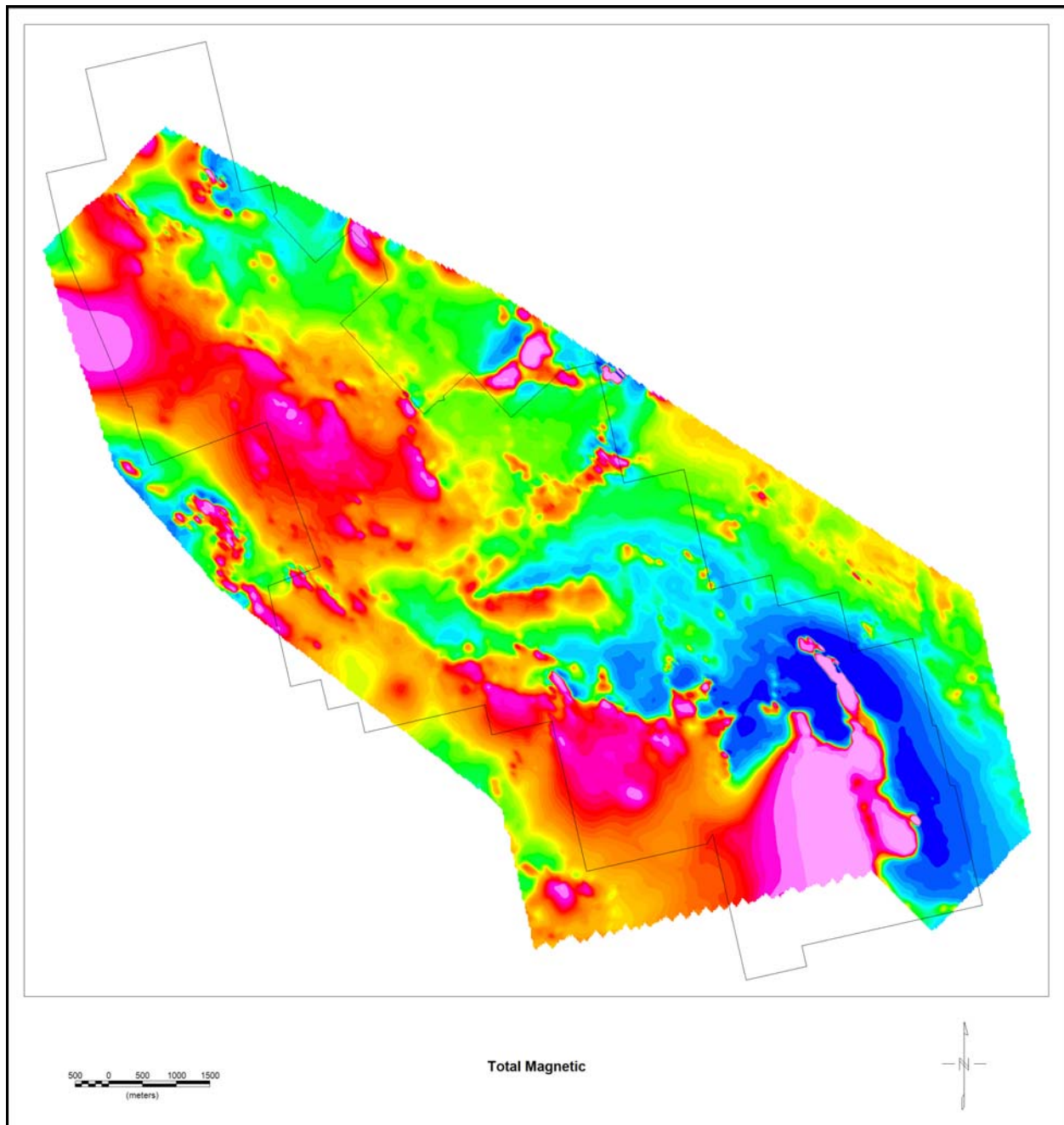
Compositionally the syenite dykes range in composition between syenite and quartz syenite and there is a distinct composition break between the syenite dykes and the aplite dykes. These dykes appear to correspond to the latite dykes mapped by Hylands (1987).



**Figure 9** Normalized REE plots of samples from the different types of dykes.

## AEROMAGNETIC AND RADIOMETRIC SURVEYING

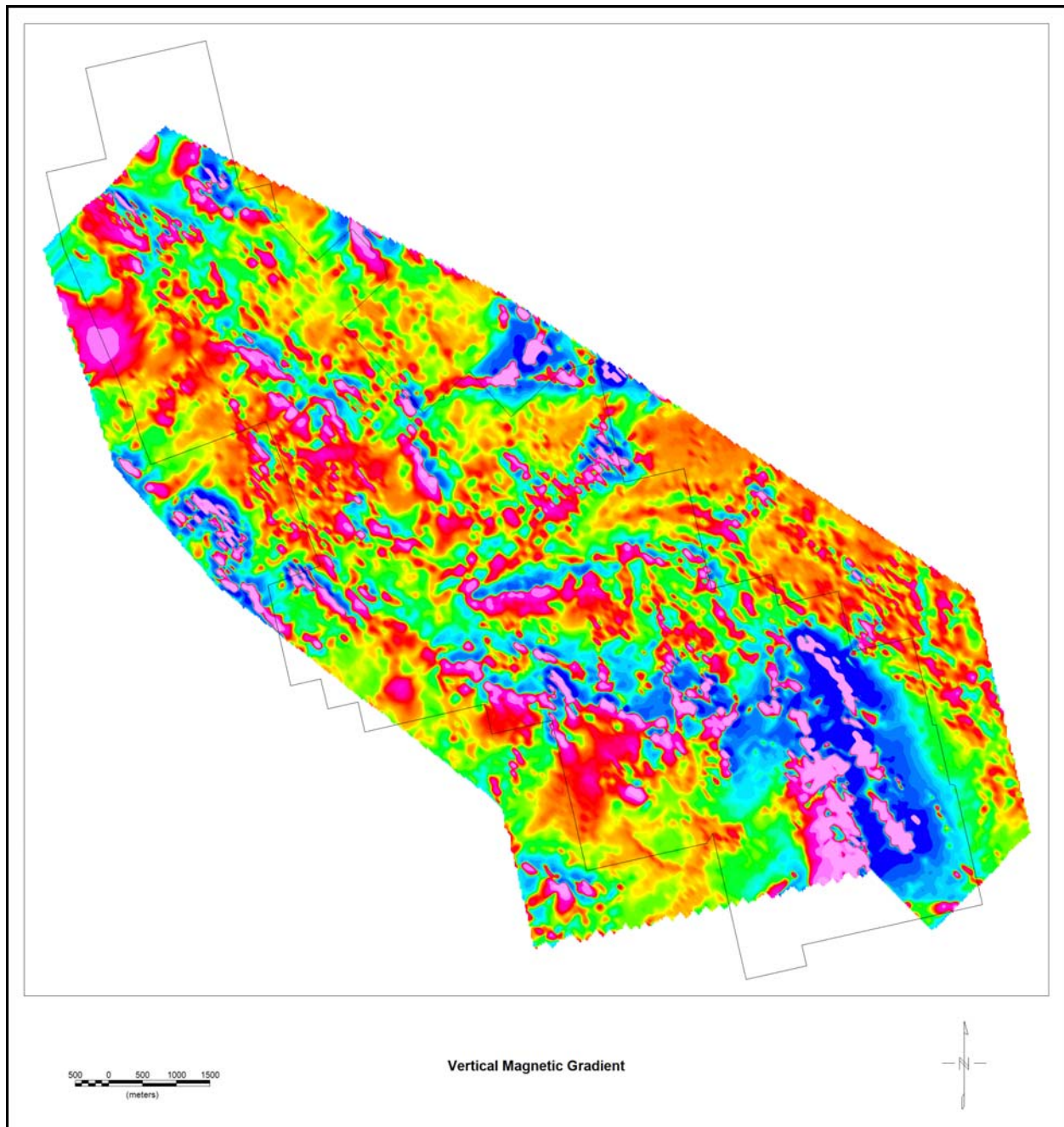
During 2010 a heliborne aeromagnetic and radiometric survey was carried over most of the property by New-Sense Geophysics Ltd (2010). A total of 994 line kilometres were flown in this survey at a nominal 30m ground clearance along 100m spaced lines. Though due to the rugged terrain the average ground clearance was over 40m. The helicopter was equipped with a high sensitivity magnetometer and four downward looking crystals whose total volume was 16 litres.



**Figure 10** Total magnetic data over the property which is shown in outline.



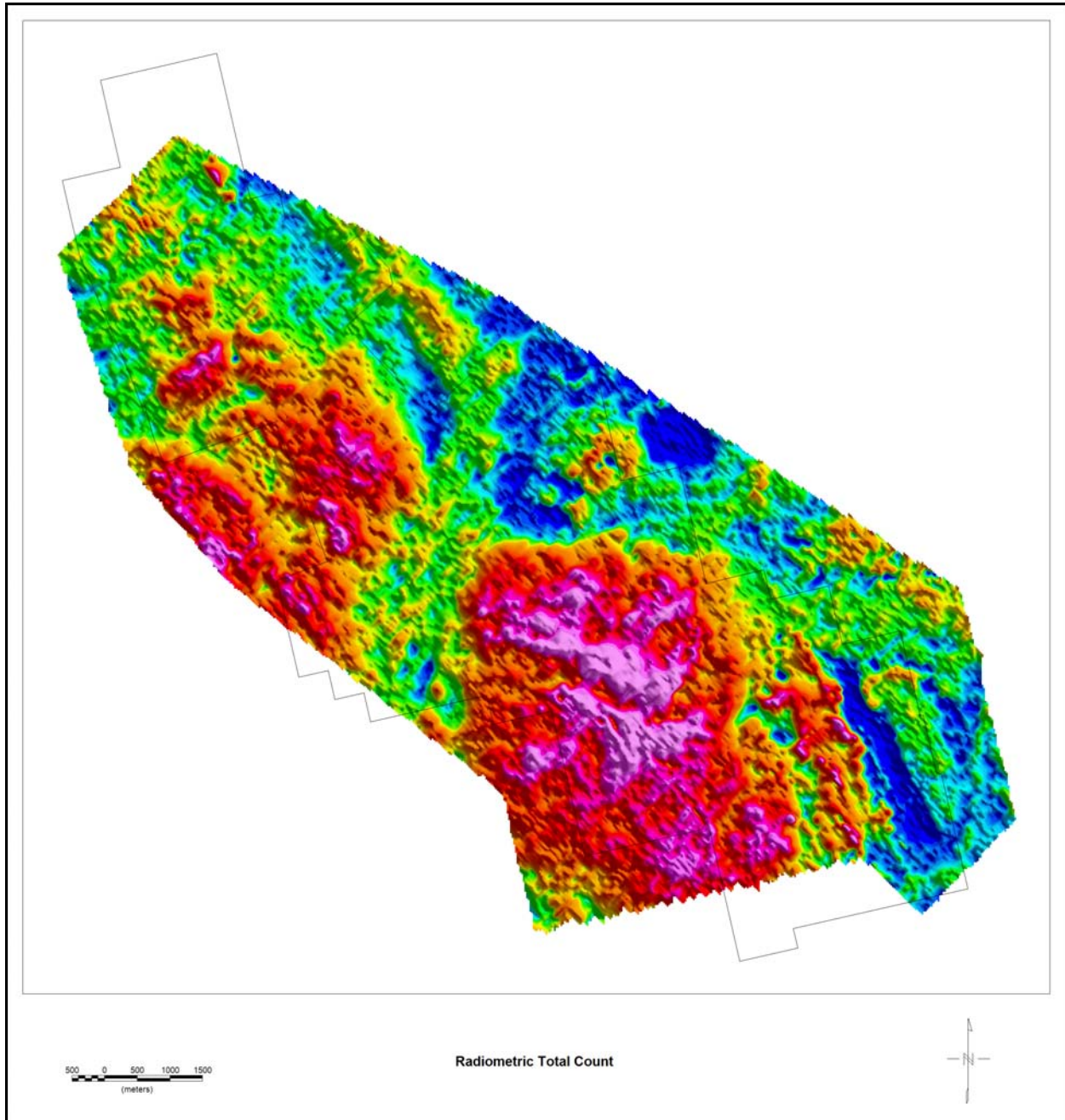
In figures 10, 11 & 12, images of the total magnetic field, magnetic vertical gradient and the total radiometric counts are presented. In the total magnetic field data there is a very strong high



**Figure 11** Vertical magnetic gradient over the property which is shown in outline.

to the southwest of Guano Ridge that extends to the south of the property. There is also another intense high coincident with the Silurian - Devonian carbonates and this may be due to the noted massive magnetite bands within the dolostone. A number of other trends are apparent in the data which have been interpreted as related to thrust faults and normal faults. In the vertical gradient data

the wrapping of the stratigraphy around the north side of the syenite pluton is apparent as are some other faults. In Figure 12 it is also apparent that the very strong magnetic feature west of Guano Ridge is composed of a number of smaller parallel features. Paul Cartwright (personal communication) speculated that the main magnetic feature could be caused by a ‘roof’ intrusion that may be 400m deep at its south end and 300m deep at the north end.



**Figure 12** Total count radiometric data over the property which outlined.

Though there may be a number of smaller bodies at shallower depths with variable strike lengths. Overall, Paul Cartwright stated that the picture is complicated, especially as some of the response is due to remnant magnetism.

The radiometric data is dominated by areas at higher elevation, where the bare rock or thinner vegetation results in higher levels of radiation. The total counts are also higher over the Mississippian metavolcanic rocks and the syenite plugs. 'Looking through' these elevated patterns a number of anomalies are present. They are:

- 1) The 'Bench' at Guano Ridge
- 2) North end of Guano Ridge
- 3) The Verley Showing
- 4) The Double A Showing
- 5) An area south of the Double A showing
- 6) Areas around Chronic Lake
- 7) The Blue Showing at the northwest edge of the survey.

Conversely the valleys which are filled with glacial material and a thicker vegetation cover do stand out as radiometric lows. These valleys follow faults in the underlying bedrock and all the information from the airborne survey has been incorporated into the geological compilation of the property.

## **GEOCHEMISTRY**

During the 2010 field season, stream sediment sampling and soil sampling was carried out in support of the airborne geophysical survey to help identify and rank anomalous areas. Where there was an absence of soils, chip samples of the talus slopes were collected in order to supplement the geochemical data.

### **Stream Sediment Sampling**

Two types of stream sediments were collected at each location: silt samples and concentrate samples. The first was a silt sample where gravel material from the stream bed was sieved in the field to -20 mesh with the desired final sample weight being 1.5kg. The second sample type collected from the same location was a heavy mineral concentrate. This sample was prepared by wet sieving approximately 10 litres of material from the stream to -12mesh, then using a gold pan the sample size is progressively reduced to ~150ml. The objective of the silt sample was to collect a sample that contained easily reproducible and hence comparable samples. The heavy mineral concentrate sample emphasises certain elements that are contained in heavy minerals.

In the laboratory the silt samples were dried and then sieved to - 80 mesh prior to analysis. The concentrate samples were simply pulverised prior to analysis in the laboratory. Both types of samples were digested in a four acid and then analysed using the Induction Coupled Plasma - Mass Spectrometry (ICP-MS, 1T-MS) technique at the Acme Labs in Vancouver. All analytical certificates are included in Appendix 1.

## Silt Sediment Results

Forty one samples were collected and various percentiles for the Total Rare Earth Element and Yttrium concentrations were calculated for the silt samples to determine anomalous thresholds. With these values, the data was plotted up and presented in Figure 13. The overall trend in this data is that there are no anomalous results in samples draining the syenite or the known rare earth element showings such as Guano Ridge. A correlation matrix of the analytical results show that REE have a 0.94 correlation with Mn in the samples and the heavy REE<sup>5</sup> have a 0.92 correlation with Be. Zirconium has a 0.99 correlation with Hf while Nb has a 0.96 correlation with Ta. Uranium has a 0.82 correlation with Be, 0.81 correlation with Pb, 0.86 correlation with Sn, 0.87 correlation with Th. In addition to these correlations there are also a number good correlations between the base metals analysed.

The main anomalous samples were collected from a stream draining into Seagull Creek on the west side of the property. Follow-up sampling confirmed the anomalous values which is the same stream that was found to have anomalous REE concentrations in the work by Ross River Gold in 2004. The apparent source for these anomalous concentrations is from the Mat Pb/Ag showing (Hylands 1987) as the silt samples are also highly anomalous in silver, bismuth, cadmium, cobalt, copper, nickel, lead, antimony and uranium. The Mat showing is a 36m long massive pyrite - galena vein hosted in the Mississippian trachytic volcanics.

A secondary anomaly occurs at the upper reaches of Cloutier Creek. This area is some 9km northeast of the property. This area was sampled as it contained anomalous results in the silt samples collected by Verley (1988) and as a check to the preliminary results which had been received up until that time which did not contain any notable results.

Other slightly elevated REE concentrations in silt samples occur on the western slope of the mountain east of McConnell River near White Creek. The streams in this area drain Mississippian volcanics and there are a number of know massive sulphide lenses such as the Granges Pb/Zn showing which is similar to the Mat showing. The silt samples in this area also have highly anomalous barium concentrations. Barite showings are known within the Mississippian volcanic sequence in the area and are regarded exhalative in origin.

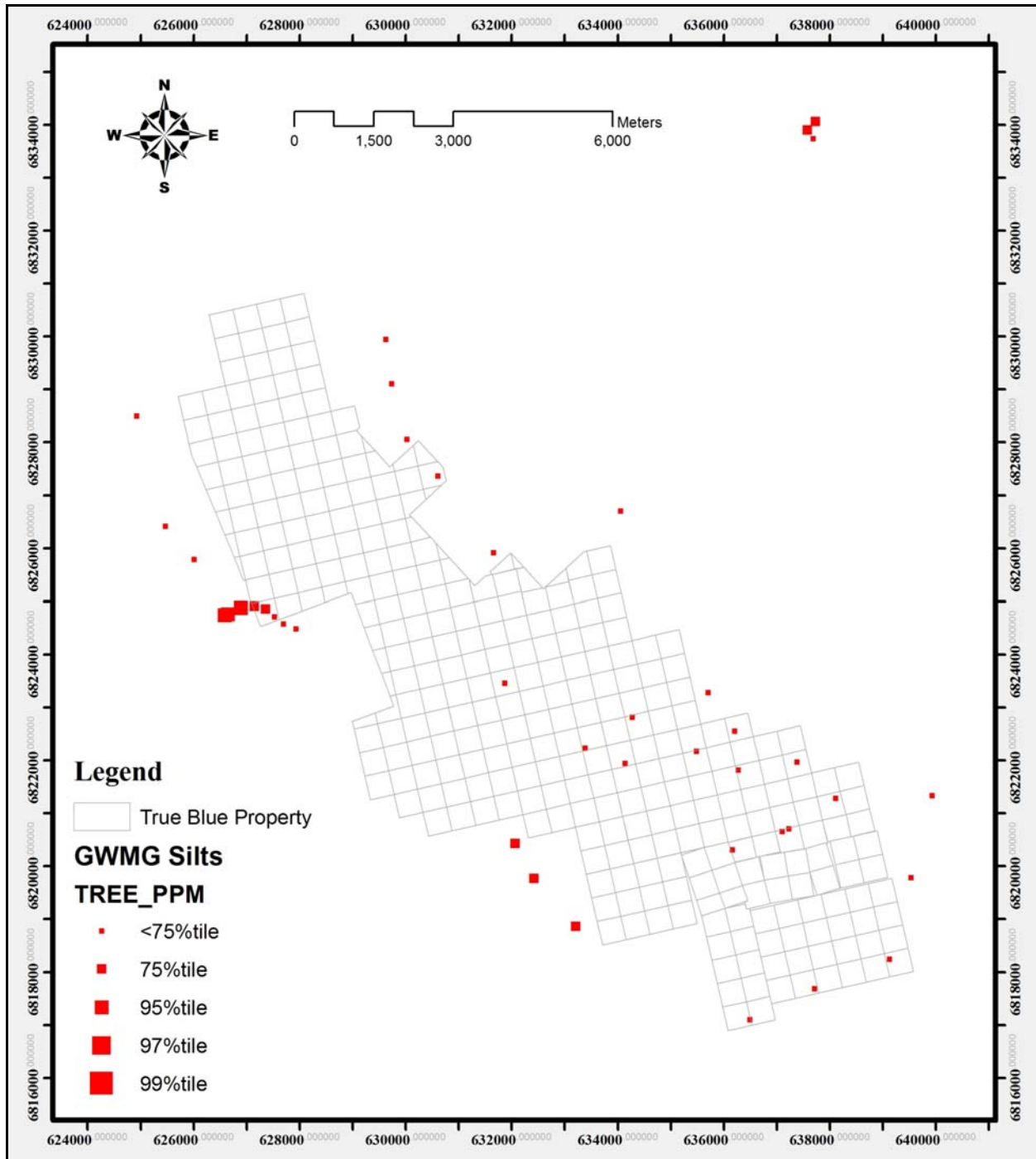
## Heavy Mineral Concentrate Sediment Results

Forty two concentrate samples were collected. Locations and results of the heavy mineral concentrate samples are shown in Figure 14 together with the calculated percentiles for the Total Rare Earth Element and Yttrium values. Contrary to expectations, the REE values in the concentrate samples are less than in the silt samples. Furthermore, the concentrations of Ag, As, Cu, Mn, Mo, Ni, Pb, Th, U and Zn are also lower in the 'concentrate' samples while Ba, Na, K, W and Zr are marginally higher in the 'concentrate' samples. Iron values are roughly the same in both sample types. The reason for the discrepancy is unknown but does call into doubt the sampling.

Disregarding these concerns, the strongest anomaly in the concentrate samples is still down stream from the Mat showing with the secondary anomaly at the upper reaches of Cloutier Creek.

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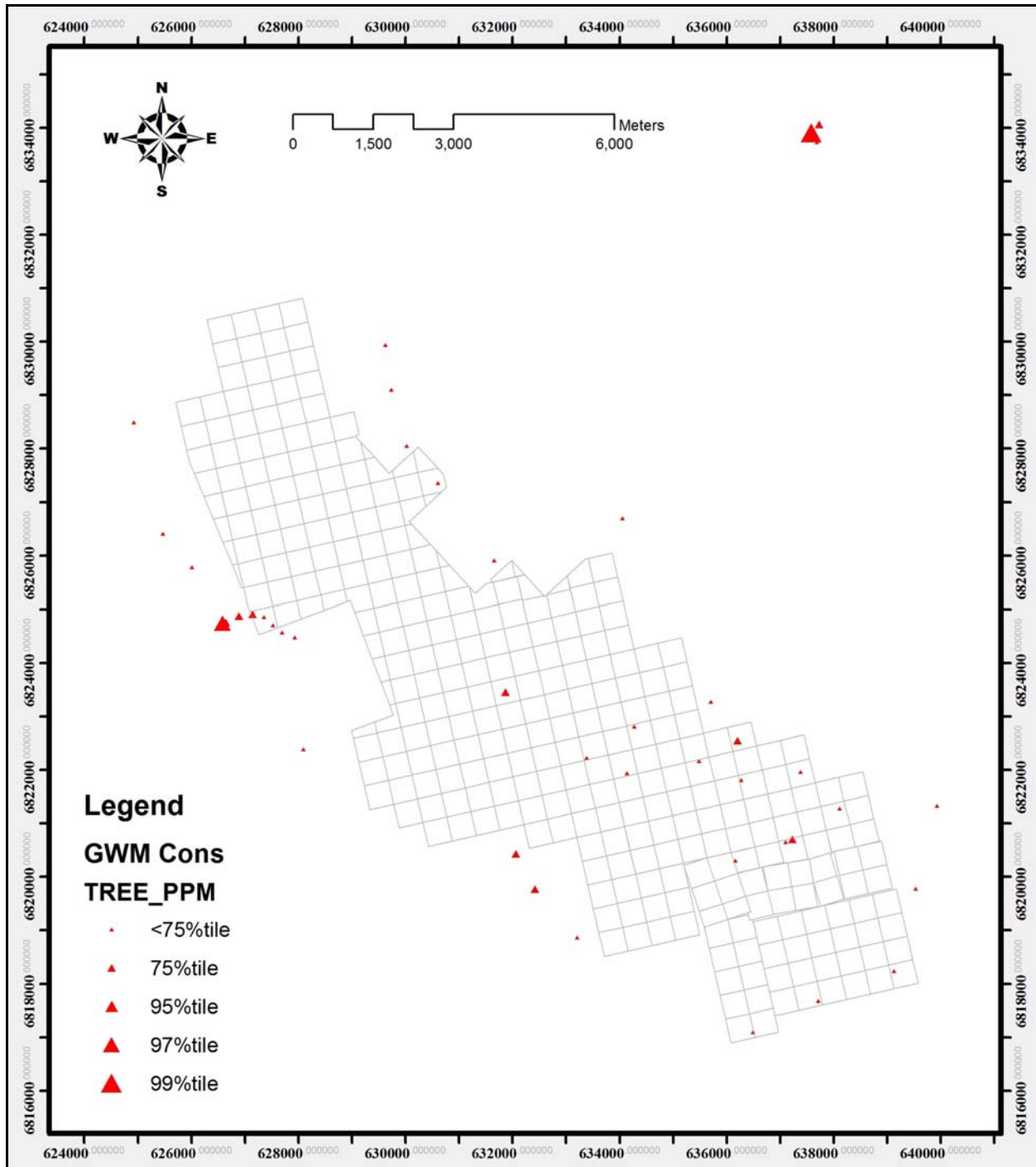
<sup>5</sup> The heavy REE in this report are Tb to Lu inclusive.



**Figure 13** Location and Total REE + Y results of silt stream sediment samples collected in 2010

99 %tile	3,303 ppm TREE + Y
97 %tile	3,121 ppm TREE + Y
95 %tile	3,105 ppm TREE + Y
75 %tile	930 ppm TREE + Y





**Figure 14** Location and Total REE + Y results of heavy mineral concentrate samples collected from streams in 2010.

99 %tile	1,256 ppm TREE + Y
97 %tile	1,239 ppm TREE + Y
95 %tile	1,191 ppm TREE + Y
75 %tile	883 ppm TREE + Y

There are also a number of weakly anomalous results from samples collected from the western slope of the mountain east of McConnell Creek so the concentrate samples do duplicate the results of the silt samples. However, in addition to these anomalous results, two samples draining Guano Ridge are weakly anomalous.

## Soil Sampling

A total of 1,009 soil samples were collected in 2010 along ridge crests and contour lines. Initially these samples were collected across or below previously reported REE showings. Subsequently, sampling was undertaken to test the different anomalous areas from the radiometric survey. Samples were preferentially collected from the 'B' horizon but in some cases where a true soil profile was not present some 'A' horizon material was collected. In the laboratory the samples were dried, sieved to - 80 mesh, digested in four acids, then analysed using the Induction Coupled Plasma - Mass Spectrometry technique at Acme Labs (1T-MS). Analytical certificates are included in Appendix 2.

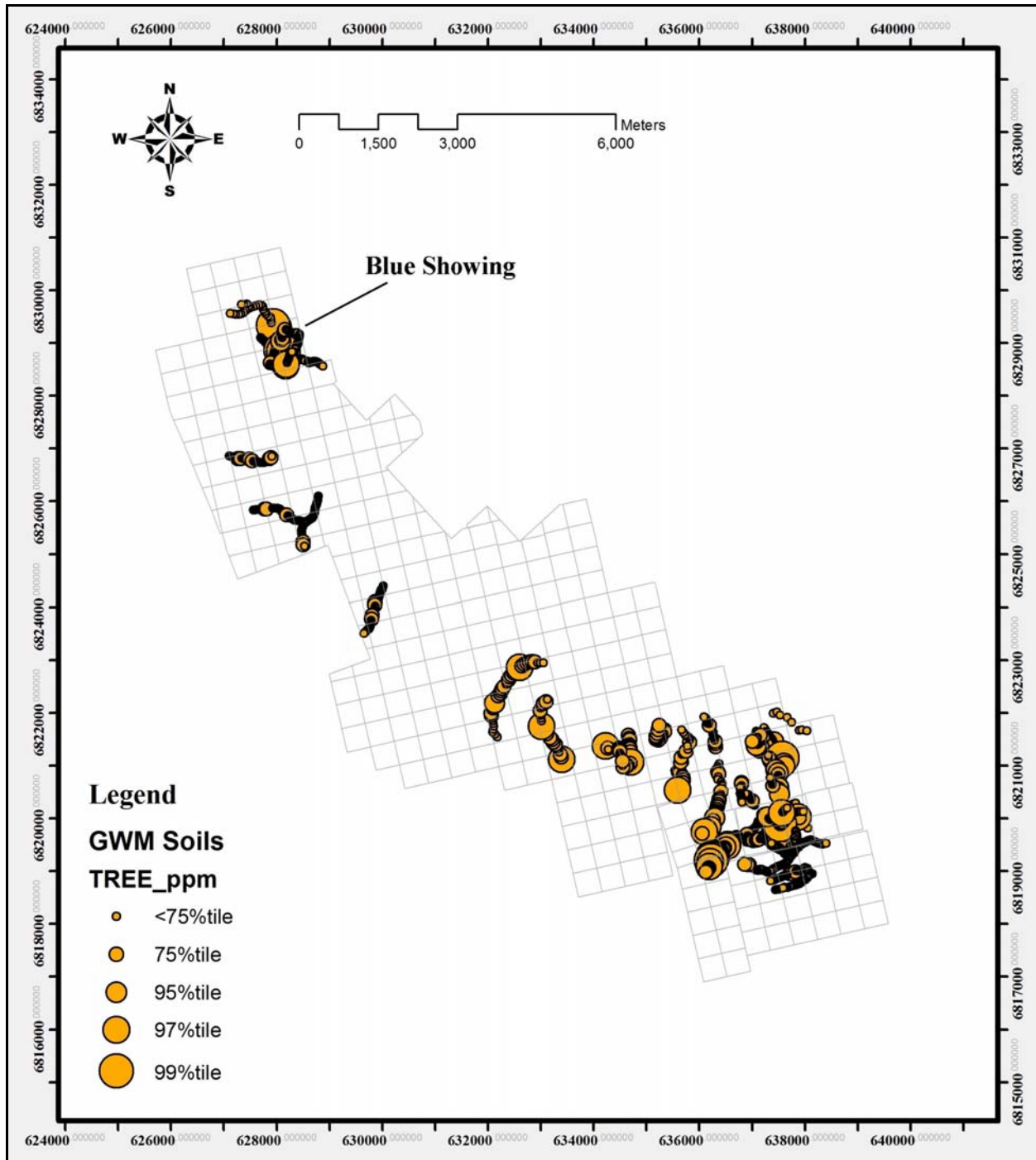
In statistical correlations of the soil chemical data, the REE correlate well with each other as expected but otherwise the REE do not correlate well with any other element analysed. In other elements, silver values correlate well with lead and zinc with cadmium, but there are only poor correlations between the other elements.

Figure 15 shows the location and results of the soil sampling. The most coherent anomaly in the results are associated with the Blue Showing near the northwestern limit of the property. Soil sampling in this area was collected in a number of traverses across the airborne radiometric anomaly and a traverse across the strike of the lithologies mapped by Hylands (1988). Here anomalous soil sample results trend north - northwest and are coincident with a low grade, mineralized dyke, Figure 16.

In Figure 17 the soil sample results are plotted for the area east of McConnell River. Samples in the Shark Bowl and Gill Zone were collected at the foot of the talus slopes in the expectation that any REE mineralization that may occur up-slope or underlying the soils would have some expression in the soil results. None of the anomalous samples plotted in Figure 17 are known to be associated with any known REE mineralization but may be associated with dykes.

Figure 18 shows the location and results of the soil sampling in the area of Guano Ridge. Discussion of the results are divided into the various geographic areas - showings.

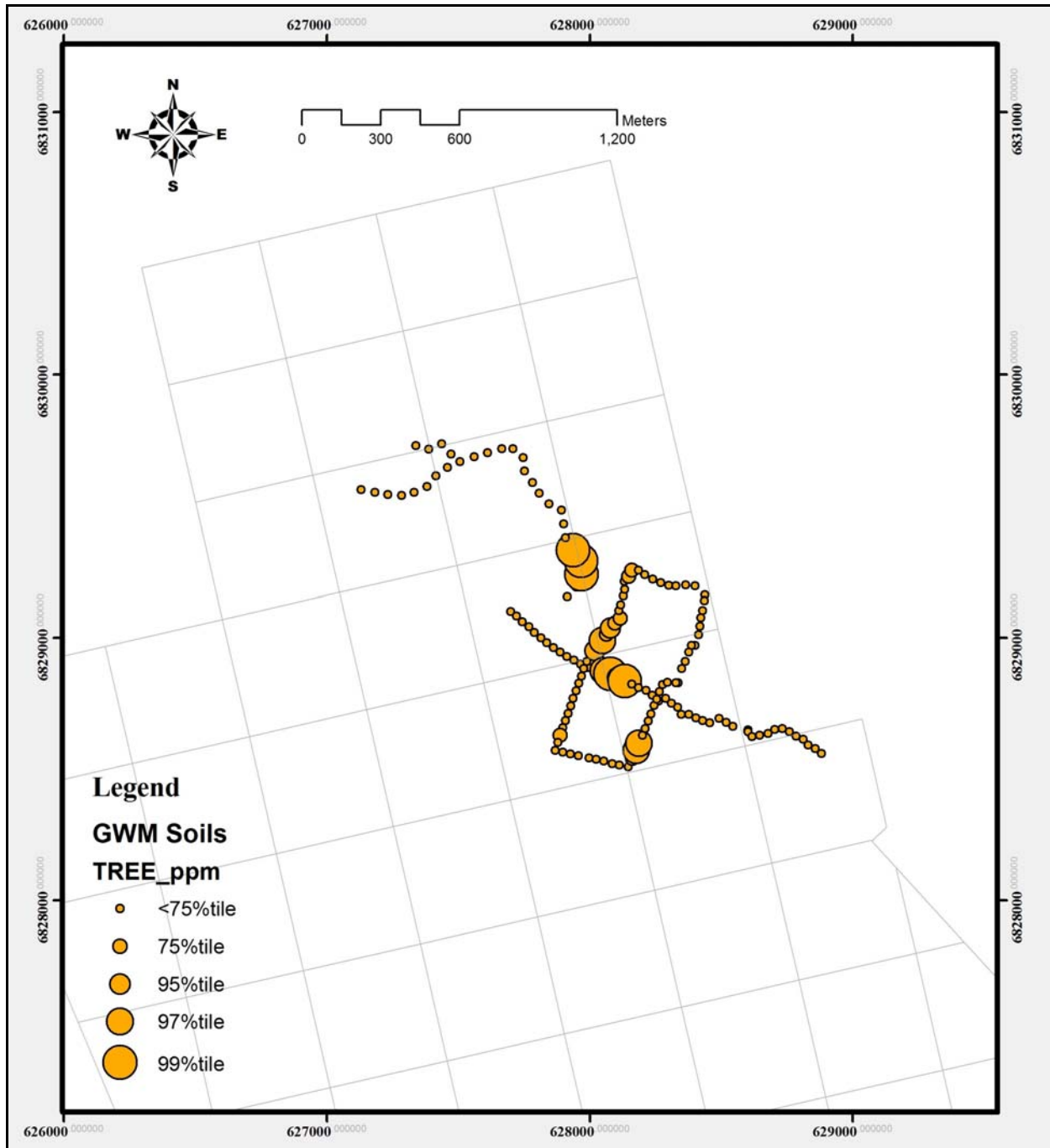
- Fin Zone is similar to the Shark Bowl in that an isolated anomalous sample occurs and is near a known occurrence of dykes found on the talus slope.
- Garnet Greisen ( previously referred to as Garnet Skarn by Archer 1976 and Garnet - Allanite Skarn or Camp Skarn by Turner 2010 ), a line of samples were collected below this zone but only weakly anomalous REE + Y concentrations were obtained in the samples.



**Figure 15** Location and results of soil samples collected in 2010. Initially samples were collected along ridge lines and contours.

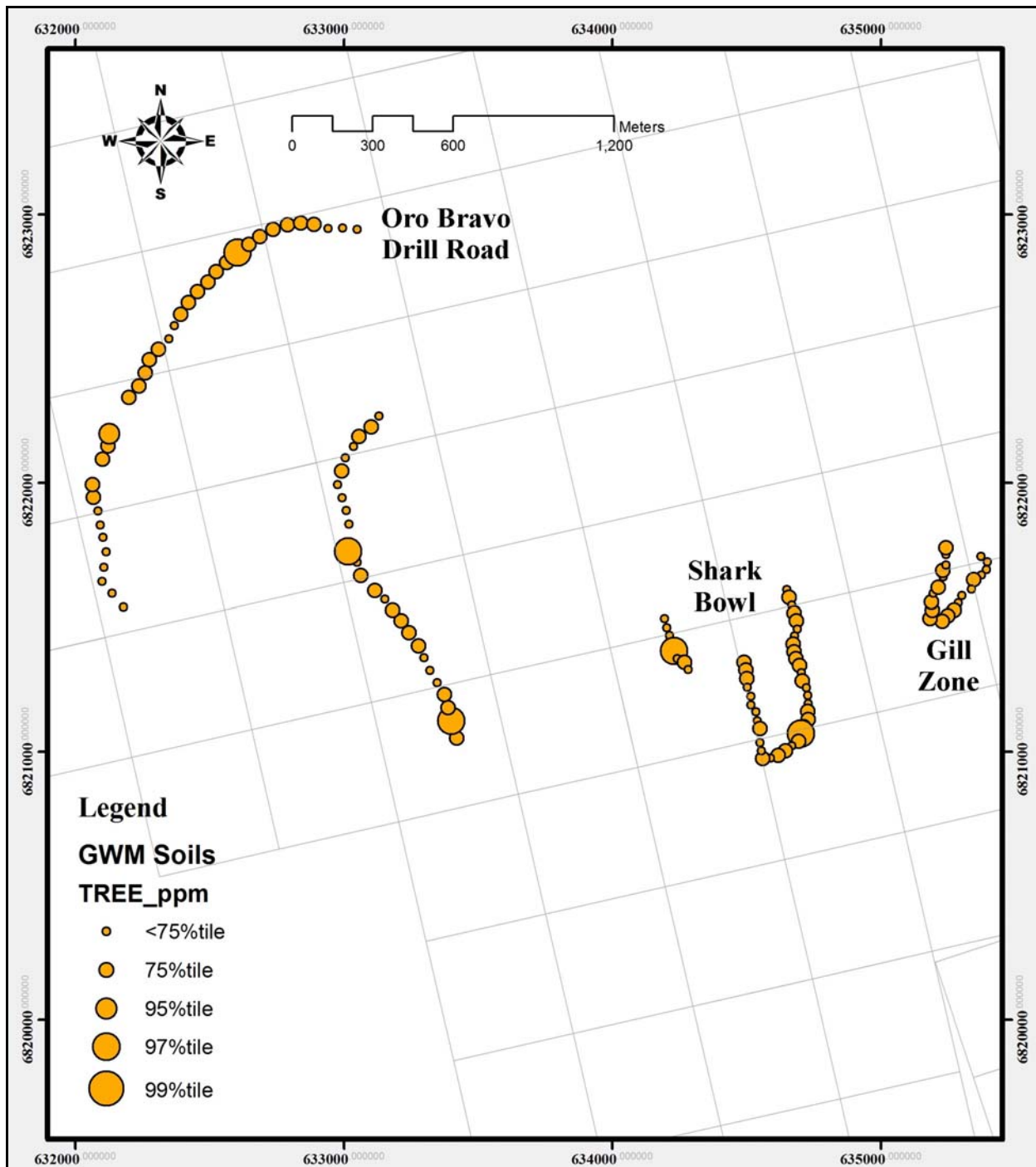
99 %tile	1,333 ppm TREE + Y
97 %tile	965 ppm TREE + Y
95 %tile	842 ppm TREE + Y
75 %tile	408 ppm TREE + Y





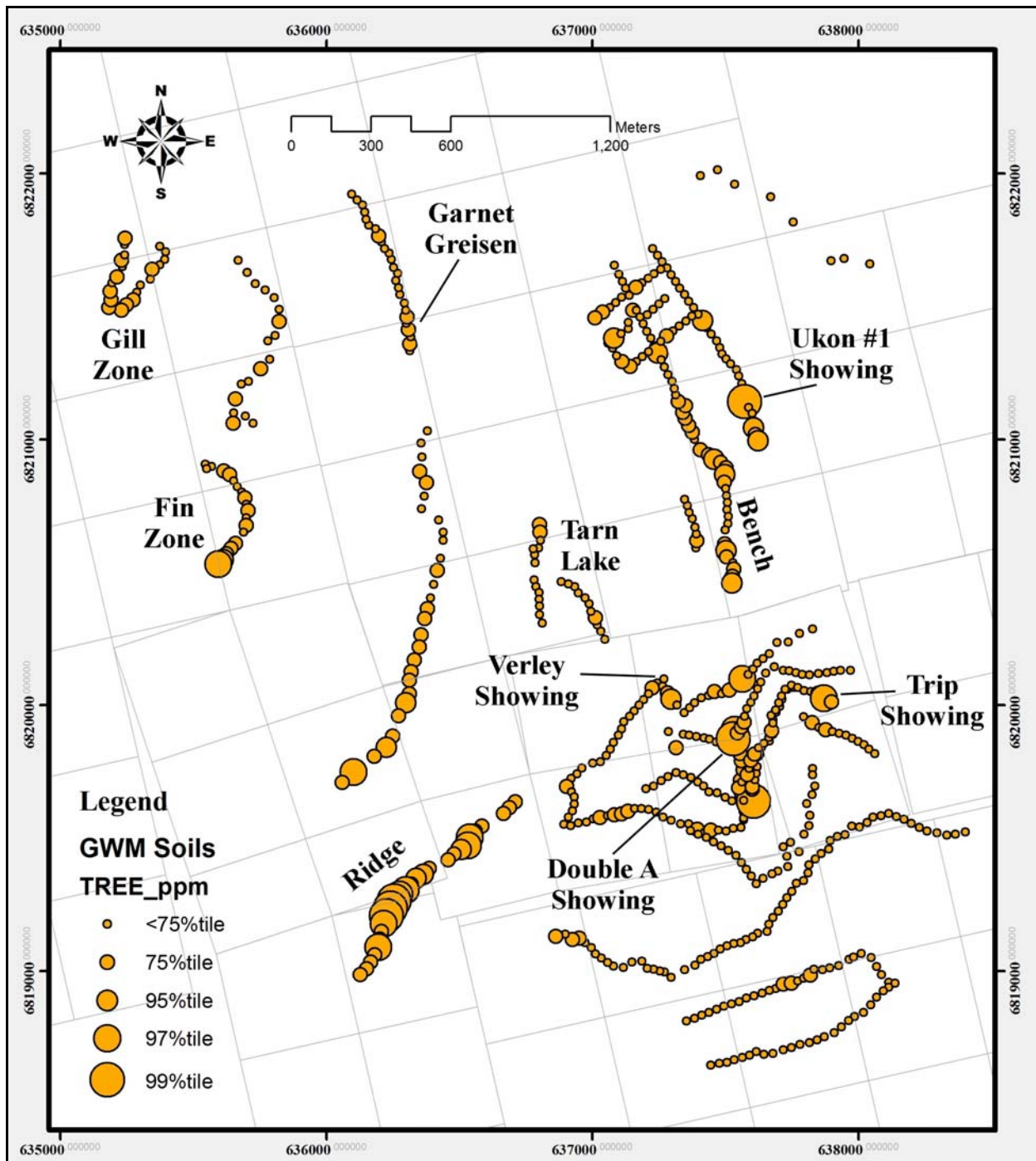
**Figure 16** Soil REE + Y anomaly associated with the Blue Showing which consists of a dyke striking north-northwest with moderate REE concentrations.

- Ukon #1 Showing, a line of soil samples were collected across the known showing. Moderately anomalous samples at the south end of the traverse are associated with a narrow carbonate rich dyke which forms the actual Ukon #1 showing. The more anomalous sample some 95m north of the Ukon #1 showing was collected next to another dyke.



**Figure 17** Soil samples with REE + Y results collected between the Oro Bravo drill road and the Gill Zone cirque.

- North of the Ukon #1 Showing several traverses were made across and along the north end of Guano Ridge to test a geophysical anomaly, the Ukon #2 anomaly. Scattered, moderately anomalous results were obtained in these traverses, but they are not known to be associated with any mineralization.



**Figure 18** Location and REE + Y results of soil sampling between the Gill Zone in the west and Guano Ridge in the east.

- Along the Bench below the Ukon #1 showing and Guano Ridge there are a number of weak to moderate anomalous samples. This area is underlain by skarn altered carbonates which are cut by a number of small dykes.

- Along the ridge south west of the Verley Showing a number of samples with highly anomalous REE concentrations were collected. These samples coincide with schistose metavolcanics but no known mineralization.
- Samples collected on the ridge above the Verley Showing do contain moderately anomalous REE concentrations that are proximal to the dykes in which the Verley mineralization is hosted. The other moderately anomalous samples collected along this ridge traverse are from areas underlain by sheared siltstones with no known mineralized dykes nearby.
- The Double A Showing is associated with a strong linear anomaly with the same orientation as the dykes which host the mineralization. However, a number of soil sampling traverses below the Double A showing failed to extend the anomaly.
- The Trip Showing is associated with a short strike length soil sampling anomaly.

In summary, the soil sampling has been able to detect anomalous REE concentrations proximal to known mineralized dykes and in areas of sheared metavolcanics.

### **Chip Sampling**

In the project area there are large areas devoid of a soil profile which could be tested by soil sampling. For this reason a program of chip sampling was carried out. The approach was a variation of the chip sampling carried out by Archer (1976 & 1977) and consisted of collecting numerous chips from an area around a GPS point in boulder fields to determine if elevated REE concentrations occurred.

Generally the chip sampling results returned some weakly anomalous concentrations of REE, Zirconium, Thorium and Niobium proximal or at known showings (Maps 10, 11, 12 and 13). These results are conspicuously less than the results from the grab sampling. Collection of grab sampling was assisted with scintillometers to collect the most mineralized samples. This would contradict comments by previous workers who mentioned that not all mineralized rocks are radioactive.

A small number of chip samples were also collected across mineralized dykes over a measured distance. Coordinates for these samples together with the analytical certificates are included in Appendix 3

## MINERALIZATION

Aside from base metal - precious metal showings within the property such as the Goat, Mat and "P" Showings which have been described by Hylands (1978), the following showings pertain to the REE mineralization:

- |                     |                       |
|---------------------|-----------------------|
| 1) Guano Ridge      | 2) Ukon #1            |
| Ukon REE #1         | 3) Ukon #2            |
| Ukon REE #2         | 4) Ukon #3            |
| Ukon REE #3         | 5) Ukon #4            |
| 6) Verley Showing   | 7) Ukon #5            |
| 8) Double A Showing | 9) Trip Showing       |
| 10) Blue Showing    | 11) Garnet Greisen    |
| 12) Shark Bowl      | 13) Gill Zone         |
| 14) Fin Zone        | 15) Moustache Showing |

### Guano Ridge

This is the original REE showing in the area and consists of many but very small discontinuous dykes transecting sedimentary carbonates that have been strongly modified by contact metamorphism. Chronic (1979) described these dykes as of two basic types: melagranite dykes being up to 5cm thick and mafic dykes which are up to 20cm thick and both types can only be traced for 20-30m. Chronic (*op cit*) noted that the REE mineralization is associated with zircon and minerals that are pseudomorphing zircon include allanite and monazite. Samples collected by Chronic of the melagranite dykes contained between 276 to 6,500ppm Total REE and the mafic dykes 15,100 to 20,400ppm Total REE. Follow-up work by Archer (1979, 1980) collected a number of dyke samples from the talus slope on the Bench below Guano Ridge but the analytical results were only semiquantitative and were called the Ukon REE showings #1, #2 & #3. Turner (2010) sampled dykes from the same area and the following statistics apply to the 52 samples that Turner (*op cit*) collected primarily from the Guano Ridge:

4.06 %	Max	Total REE
0.69 %	Min	Total REE
3.45 %	99%tile	Total REE
2.72 %	97%tile	Total REE
2.33 %	95%tile	Total REE
0.89 %	75%tile	Total REE

Mapping of the western cliff face at the south end of the ridge is shown in Figure 19 a number of east - west trending dykes cut the dark green skarn. Dykes sampled from Guano Ridge during 2010 did not match the results previously obtained by Turner (2010). The results listed below show that the REE values are but a fraction of the values previously reported.

**Dykes**

Sample	% REO <sup>6</sup>	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
333113	0.16	0.51	0.01	0.00	0.03
333114	0.44	0.36	0.09	0.02	0.37
333115	0.97	0.92	0.03	0.01	0.28
333117	1.28	1.00	0.11	0.04	0.86
334142	0.16	0.04	0.03	0.01	0.06
334160	2.32	1.68	0.09	0.03	1.23
334161	0.46	2.16	0.02	0.01	0.27
334226	0.23	1.52	0.04	0.01	0.32
334227	1.20	0.71	0.22	0.12	2.92
334228	1.67	1.69	0.20	0.02	0.65
334229	2.67	0.45	0.14	0.06	2.39
<b>Average</b>	<b>1.05</b>	<b>1.00</b>	<b>0.09</b>	<b>0.03</b>	<b>0.85</b>

**Skarns**

Sample	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
25825	0.32	1.75	0.18	0.03	0.27
25826	0.03	0.02	0.00	0.00	0.01
25827	0.71	4.71	1.14	0.31	2.37
25828	0.13	0.03	0.00	0.00	0.00
25831	0.19	0.04	1.14	0.12	0.01
333107	0.12	0.10	0.02	0.00	0.10
333108	0.16	0.54	0.04	0.00	0.12
333110	0.12	0.15	0.02	0.00	0.02
333111	1.93	2.15	0.37	0.08	1.18
333112	0.01	0.02	0.00	0.00	0.00
333116	0.32	0.98	0.04	0.03	0.35
333118	0.12	0.41	0.08	0.03	0.51
334002	0.10	0.26	0.05	0.02	0.31
334158	0.01	0.02	0.00	0.00	0.00
334159	1.59	0.08	0.01	0.00	0.05
<b>Average</b>	<b>0.39</b>	<b>0.75</b>	<b>0.21</b>	<b>0.04</b>	<b>0.35</b>

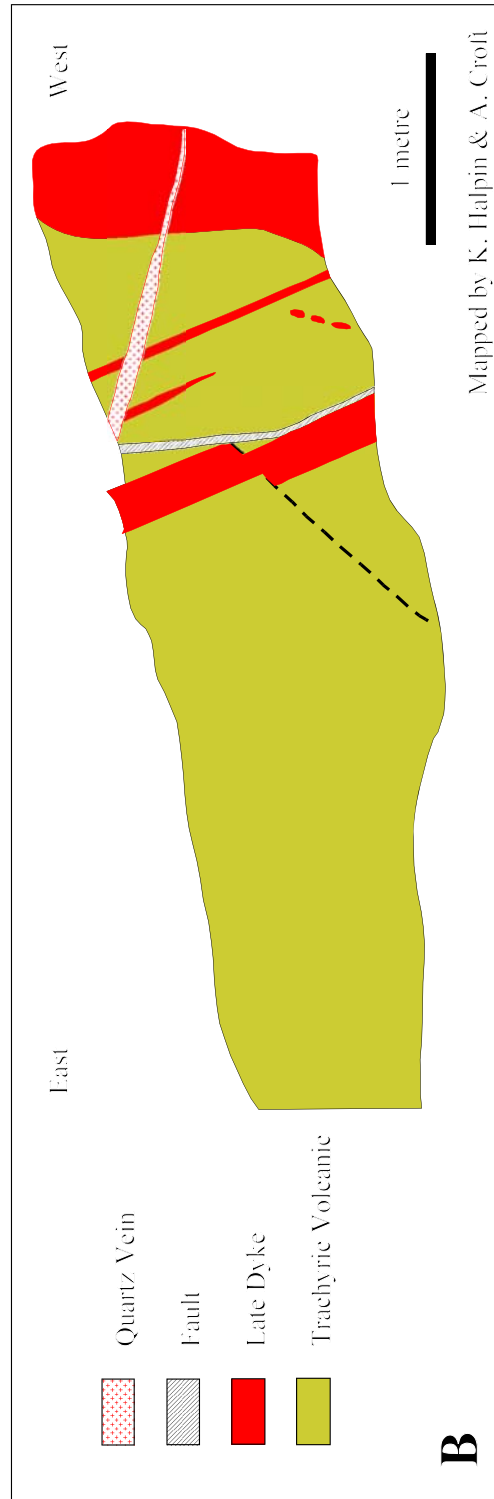
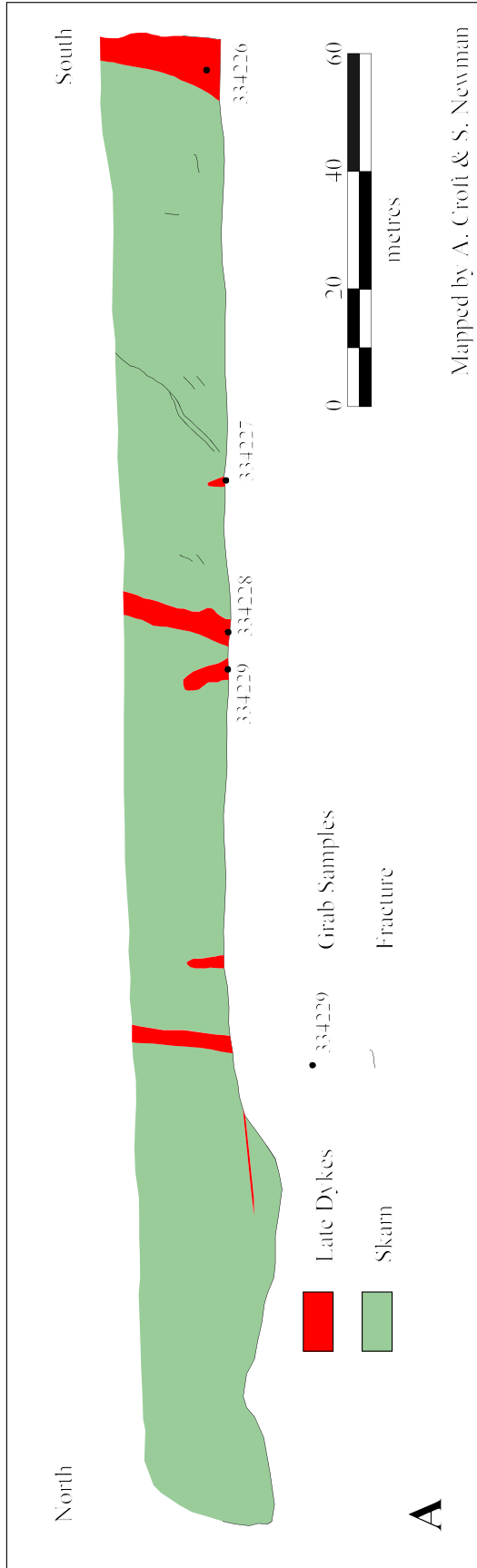
Sample 334002 was submitted for mineralogical analysis and it was found that nearly all REE are contained within rare earth minerals which include zircon, allanite, apatite, thorite pyrochlore and fergusonite (Whiteman and Oliveira 2010).

**Ukon #1**

This showing found by the Ukon JV in 1976. Mineralization is associated with a metre thick, vertical dyke that has been traced for 30m and trends east - west. The dyke is fine grained with abundant carbonate rich fragments. Chip samples collected across the dykes and adjacent country rocks returned the following results.

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<sup>6</sup> Total Rare Earth Oxides plus Y<sub>2</sub>O<sub>3</sub>



**Figure 19** Mapped vertical sections of: A) the bare rock face above the talus slope above the Bench at Guano Ridge, B) the Verley showing looking south.

**Main Ukon #1 Showing**

Sample	Width	Rock	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
333123	1.0m	Carbonate	0.49	0.03	0.00	0.00	0.01
333124	0.6m	Dyke	0.33	2.27	0.11	0.05	0.48
333125	1.0m	Carbonate	0.03	0.03	0.00	0.00	0.00

**Adjacent dyke 24m to the south**

Sample	Width	Rock	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
333127	1.0m	Carbonate	0.03	0.02	0.00	0.01	0.03
333126	0.2m	Dyke	1.53	1.33	0.00	0.01	0.25
333128	1.0m	Carbonate	0.03	0.08	0.00	0.00	0.01

Selected grab samples collected from the Ukon #1 showing returned the following results:

**Dykes**

Sample	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
333103	1.57	0.80	0.31	0.02	0.47
333104	0.69	4.31	0.19	0.08	0.67

**Skarns**

333105	0.33	4.62	0.16	0.07	0.41
333106	0.39	0.49	0.10	0.02	0.13

**Ukon #2**

This area at the north end of Guano Ridge was originally recognized by Archer (1977) as an area of anomalous radioactivity. Archer Cathro hand trenched the area without any significant success. The 2010 radiometric survey confirmed the anomaly and showed that it is associated with a strong magnetic anomaly, though soil samples collected in 2010 only show a number of scattered, moderately anomalous samples. Chip samples of carbonate skarns were collected from outcrops in the area and the best result returned is:

Sample	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
25710	0.33	0.55	0.04	0.02	0.26

**Ukon #3**

Archer (1977) reported that a sample of quartz veining associated with dyke material collected from talus near the south end of Guano Lake returned up to 0.67% U<sub>3</sub>O<sub>8</sub>. Though the dyke material only contained 0.008% U<sub>3</sub>O<sub>8</sub>. Selected grab samples collected in this area of talus slopes during 2010 returned the following results:

Sample	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
25776	0.16	0.44	0.01	0.00	0.09
25781	0.15	0.28	0.00	0.00	0.04
25782	0.14	0.26	0.01	0.00	0.11



**Ukon #4**

Work by Archer Cathro located a swarm of small dykes on the syenite pluton contact on the talus slope between Guano Ridge and Chronic Lake (Archer 1977). These dykes are up to 1m thick and though being strongly radioactive contain only minor amounts of  $U_3O_8$ . A selected grab sample in this area collected in 2010 returned the following result:

Sample	% REO	% $ZrO_2$	% $ThO_2$	% $U_3O_8$	% $Nb_2O_5$
334143	0.73	0.38	0.00	0.01	0.25

**Ukon #5**

This is a area of float or felsensmeer where work by Archer Cathro located another swarm of small dykes associated with quartz veining in a 10 x 50m area west of camp (Archer 1977). The best mineralization occurs in the quartz veins which are up to 4cm thick, though they are sparsely distributed in the area. Archer Cathro's work indicated that the host syenite is not mineralized. Grab samples and a profile of chip samples collected in 2010 across this area did not return any samples with anomalous REE or Zr concentrations.

**Verley Showing**

During reconnaissance exploration some low grade REE mineralization was found on top of the ridge some 150m south and along strike of the dyke swarms which occur at the Ukon #4 showing (Verley 1988). At this showing, two types of dykes occur (Figure 14). There is a larger near vertical dyke and then a set of smaller dykes which dip steeply towards the west. Also, one small dyke that dips steeply to the east appears to be boudinaged. All dykes, which intrude the Mississippian trachytic metavolcanic, are cut by quartz veinlets. Grab samples from the different dykes collected in 2010 returned the following results:

Sample	% REO	% $ZrO_2$	% $ThO_2$	% $U_3O_8$	% $Nb_2O_5$
25888	0.08	0.41	0.05	0.00	0.08
25889	0.36	0.47	0.19	0.02	0.40
25890	0.16	0.50	0.45	0.03	0.23
25891	0.31	0.53	0.04	0.01	0.15
334004	0.60	1.19	0.02	0.01	0.35
334169	0.84	1.32	0.06	0.01	0.29
<i>Average</i>	<i>0.39</i>	<i>0.74</i>	<i>0.14</i>	<i>0.01</i>	<i>0.25</i>

Sample 334004 was also submitted for mineralogical studies which indicated that the vast majority of the REE occur in rare earth minerals which consist of zircon, allanite, apatite, thorite, pyrochlore and columbite (Whiteman and Oliveira 2010)<sup>7</sup>

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<sup>7</sup> N.B. The elements that Whiteman and Oliveira (2010) regarded as REE is a larger suite of elements to what is used in this report.

## Double A Showing

In 2010 while ground checking results of the radiometric survey the Double A showing was found. This showing consists of a number of closely spaced, radioactive, dykes that are near vertical and trend north-northwest. The dykes are emplaced within Mississippian trachytic volcanics and could be an extension of the Verley and Ukon #4 showings. Mapping shows that the dykes are discontinuous and boudinaged (Figure 20). The dykes vary from 5cm up to 1m thick. There are colour variations with a common darker colour along contacts and a lighter colour in the centre of the dykes. Compositionally the different dykes are similar, though magnetite concentrations do vary dramatically along strike. Magnetite occurs as small disseminated to semi-massive euhedral crystals set in a fine grained to aphanitic matrix. Small quartz-carbonate ± fluorite extension veins are locally found within the dykes and these are typically sub horizontal. Irregular veinlets of massive magnetite locally occur in the dykes.

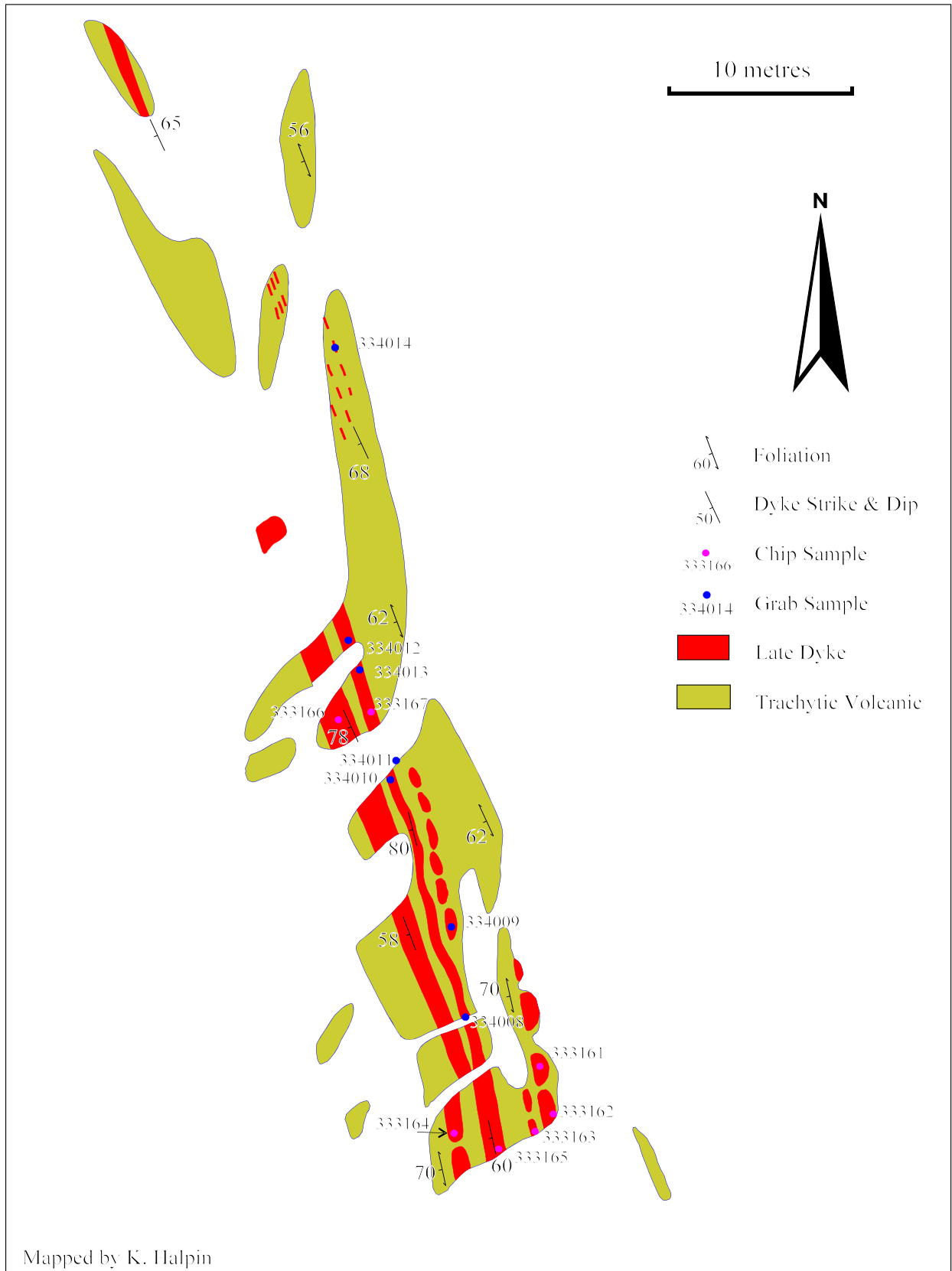
Grab samples collected in 2010 returned the following results:

Sample	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
334008	0.29	0.68	0.03	0.01	0.25
334009	0.56	1.07	0.17	0.05	0.99
334010	0.27	0.57	0.04	0.00	0.20
334011	1.08	0.28	0.96	0.04	0.72
334012	0.49	0.86	0.14	0.04	0.96
334013	0.81	0.54	0.07	0.02	0.41
334014	1.04	1.43	0.37	0.06	1.05
334017	0.75	0.56	0.03	0.01	0.22
334018	0.39	0.57	0.12	0.03	0.57
334019	0.50	0.44	0.05	0.01	0.29
<i>Average</i>	<i>0.69</i>	<i>0.78</i>	<i>0.22</i>	<i>0.03</i>	<i>0.63</i>

### Chip sampling

Sample	Rock	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
333161	Volcanic next to dyke	0.02	0.01	0.00	0.00	0.00
333162	Dyke	0.39	0.34	0.06	0.02	0.69
333163	Volcanic between dykes	0.30	0.33	0.03	0.00	0.18
333164	Gossan	1.06	0.39	0.13	0.02	0.55
333165	Volcanic	0.02	0.01	0.00	0.00	0.01
333166	Dyke	0.64	0.40	0.21	0.02	0.50
333167	Dyke with Qz/fluorite veins	0.28	0.51	0.05	0.01	0.42

Samples 334016 and 334020 were sent for mineralogical studies and treated as a blended sample. Results of this work indicate that most of the REE are contained within rare earth minerals which include allanite, apatite, zircon, Ce carbonate, thorite, pyrochlore, columbite, fergusonite, bastnasite and monazite (Whiteman and Oliveira 2010).



**Figure 20** Sketch of the Double A showing.

## Trip Showing

This showing consists of a number of small outcrops up to 4m wide that are aligned in a 020° direction and formed of a number of parallel dykes. The dykes are fine grained with disseminated magnetite or pyrite. Within the dykes there are some small quartz veins with accessory fluorite.

Grab sample collected during the 2010 season returned the following results:

Sample	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
334006	1.40	0.60	0.19	0.03	0.67
334007	1.78	1.76	0.50	0.02	0.50
334138	1.33	0.62	0.22	0.03	0.60
334139	1.33	0.62	0.22	0.03	0.60
334140	0.77	1.14	0.06	0.01	0.31
334230	0.55	1.53	0.03	0.01	0.28
<i>Average</i>	<i>1.19</i>	<i>1.05</i>	<i>0.20</i>	<i>0.02</i>	<i>0.49</i>
<b>Chip Samples</b>					
333202	0.30	0.22	0.02	0.00	0.11
333203	0.12	0.02	0.02	0.00	0.10
333204	0.04	0.01	0.00	0.00	0.02

The reason for the different results between the grab sampling and the chip sampling are not known.

## Blue Showing

This showing, previously called the ‘Southern Skarn’ is associated with a dyke that transects Devonian -Mississippian carbonate sediments. Further north, Hylands (1978) mapped a large, dyke that trends 160° which is parallel to the trend of the anomalous soil samples.

Only one grab sample with disappointing results was collected from this showing and the result is at odds with the soil sampling results.

Sample	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
334157	0.67	0.01	0.01	0.02	0.00

## Garnet Greisen

Previously this showing was termed the garnet skarn by Archer (1977) and the Camp Skarn by Turner (2010). It is an area of very coarse crystals within the syenite which is interpreted as greisen developed within the syenite. There are a number of phases in this location but XRD mineral identification confirms that the main minerals in the greisen are subhedral, pale, clear, orange grossularite in a medium to fine grained matrix of mica, augite and kaolin. Fluorite has been identified within the host syenite in the area. The adjacent syenite has also been altered and a conspicuous red altered phase is primarily formed of plagioclase. The occurrence of grossularite and plagioclase indicates that the pneumatolytic fluids were calcium rich.

Sample	Rock	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
25701	Greisen	0.13	0.95	0.02	0.01	0.30
25808	Greisen	0.02	0.05	0.00	0.00	0.04
25809	Syenite	0.02	0.16	0.00	0.00	0.03
25811	Ca feldspathic altered	1.24	0.07	0.00	0.00	0.07

### Shark Bowl

The shark bowl is primarily a beryl showing where fine, blue beryl grains occur in the syenite ground mass. There are also a number of small dykes cutting the syenite that contain higher REE concentrations. One grab sample of such a dyke returned the following results:

Sample	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
25755	0.45	2.64	0.06	0.01	0.12

### Gill Zone

Like the Shark Bowl, the Gill Zone is an area with a number of occurrences of beryl in the syenite. These beryl occurrences occur either side of the arête. In the 2010 sampling the most anomalous samples collected in this area were of the host syenite and the best results of these are:

Sample	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
25763	0.18	0.29	0.02	0.01	0.07
25802	0.30	0.20	0.02	0.00	0.06

### Fin Zone

The Fin Zone is an area of syenite which is cut by a number of small, widely spaced dykes. As the occurrence of the dyking is in an area of talus slopes, the strike length of the dykes could not be determined. Samples of the dykes returned the following results:

Sample	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
25766	0.66	1.55	0.07	0.01	0.31
25806	0.75	1.12	0.07	0.01	0.30
25807	1.32	1.74	0.05	0.01	0.36
333120	0.56	4.77	0.10	0.02	0.78
333121	0.13	0.24	0.01	0.00	0.06
<i>Average</i>	<i>0.68</i>	<i>1.88</i>	<i>0.06</i>	<i>0.01</i>	<i>0.36</i>

### Moustache Showing

This showing occurs in an area of schistose metavolcanics cut by a small dyke. The metavolcanics host low grade REE and Th mineralization as indicated in the grab sample results listed below:

Sample	% REO	% ZrO <sub>2</sub>	% ThO <sub>2</sub>	% U <sub>3</sub> O <sub>8</sub>	% Nb <sub>2</sub> O <sub>5</sub>
334145	0.91	0.06	0.30	0.05	1.13
334146	0.28	0.32	0.30	0.01	0.50
334147	0.25	0.15	0.01	0.00	0.08
334212	0.18	0.38	0.01	0.00	0.06
334213	0.39	1.23	0.16	0.01	0.55
334214	0.03	0.24	0.01	0.00	0.02
334215	0.18	1.16	0.81	0.01	0.10
334216	0.14	0.46	0.03	0.00	0.15
334217	0.19	0.21	0.09	0.01	0.25
334218	0.17	0.97	0.12	0.01	0.20
334220	0.23	0.15	0.04	0.01	0.18
334221	0.07	0.51	0.03	0.00	0.08
334223	0.51	0.15	0.28	0.02	0.72
334224	0.22	0.67	0.04	0.01	0.37
334225	0.31	0.65	0.09	0.01	0.45
<i>Average</i>	<i>0.27</i>	<i>0.49</i>	<i>0.15</i>	<i>0.01</i>	<i>0.32</i>

## INTERPRETATION and CONCLUSIONS

The rare earth mineralization on the True Blue project is associated with Mississippian trachytic metavolcanics and associated cogenetic syenite plutons. Both the metavolcanics and syenitic plutons do contain very low concentrations of REE plus Zr and Nb. These REE concentrations increase in the more siliceous phases of the volcanic and igneous rocks, which grade from trachy-andesite through trachyte to alkali rhyolite for the volcanic rocks and the intrusive rocks grade from syenite through quartz alkali syenite to alkali granite.

Small, discontinuous dykes derived from this magmatic event also show a large compositional gradation from syenite through aplite, quartz aplite to silicite. These dykes contain higher rare earth concentrations than in the parent magma and again there is a general trend that the abundance of REEs are greater in the more siliceous dykes. Heavy REOs concentrations in mineralized dykes generally average 23% of the total REOs in the rock. This ratio is comparable to the average 28% ratio of HREO:TREO in the mineralized metavolcanics.

The largest set of dykes found on the property form the Double A showing which has been traced intermittently over 500m. Second to this, the Trip showing has been traced intermittently over 300m. In both cases mineralization is hosted in a number of narrow, discontinuous dykes that are locally boudinaged. Both dyke sets may overlie a possible, final, differentiated magma chamber that fed these siliceous dykes and corresponds to the very pronounced magnetic anomaly south of Guano Ridge. A magma chamber which could present a large tonnage target for REE mineralization.

The best mineralization in the dykes occurs at Guano Ridge (1.05% REO) and the Trip Showing (1.19% REO), both of which contain comparable  $ZrO_2$  concentrations but lower  $Nb_2O_5$  concentrations. Other known dykes in the True Blue project have lower average REO concentrations: the Double A showing (0.69% REO), the Fin Zone (0.68% REO), the Verley showing (0.39% REO) and the Ukon #1 showing (0.33% REO). However, in all cases the narrow and discontinuous dimensions of these showings present problems given the low REO grades. The size and grade of any REE mineralization associated with the coherent geochemical anomalies at the Mat and Blue showings is not really known.

Rare earth mineralization in the True Blue project is also found in skarns derived from the contact metamorphism of sedimentary carbonates. This mineralization tends to be very patchy on a metre scale and characterised by an extensive suite of minerals. Though some moderate grade results were obtained, the average REO grade of the skarn samples is 0.27% REO, 0.53%  $ZrO_2$  and 0.19%  $Nb_2O_3$  with a 25% ratio of HREO:TREO.

This association of REE mineralization with syenite bodies and derived quartz aplite - silicite bodies is similar to the low grade REE (6,000ppm), Zr and Nb mineralization at Jabal Hamra deposit in Saudi Arabia (Küster 2009, Jackson and Douch 1986)

Mineralogical studies of the dykes show that 83% of the REEs in a sample from the Verley showing are hosted in zircon, pyrochlore, epidote and allanite ranked in decreasing order of importance. The mineralogical study of a sample from the Double A showing indicates that 87% of the REEs are hosted in Ce carbonate, zircon, pyrochlore, allanite and columbite in decreasing order of importance (Whiteman & Oliveira 2010). The occurrence of Ce carbonate is very favourable to any potential extraction of REE but with the occurrence of highly refractive zircon and

pyrochlore, which host significant proportions of the REE, is not favourable. Mineralogical studies of the skarns from Guano Ridge show that 73% of the total REE are contained within zircon and pyrochlore alone. These results do differ from the mineralogical studies carried out at the Nokluit showing where the REE were primarily hosted in monazite (Lastra & Owens 1995). The comparison of REE results in samples analysed using a four acid digestion and subsequently using a boron fusion indicates that most of the heavy rare earths are in mineral phases that are soluble (Appendix 5).

The majority of the known showings have sufficient work to assess their potential given the limited sizes, and low grade. However, two showings do not have sufficient work to characterize the mineralization and these are the Blue and Mat showings. Two other showings, the Double A and Trip have some size potential but at this stage they do not represent drill targets. Rather, some trenching and additional sampling may be warranted to more fully test the mineralization. The only potential drill target identified from this work, is to test the large magnetic anomaly south of Guano Ridge to determine if it is caused by a late differentiated magma chamber that fed the mineralized dykes.

Respectively submitted,

Stew Fumerton Consulting Ltd

A handwritten signature in black ink, appearing to read 'S. L. Fumerton', with a long horizontal flourish extending to the right.

S. L. Fumerton, Ph.D. P.Geo.



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## STATEMENT of QUALIFICATIONS

I, Stewart Fumerton, a geologist with a business and residential address in Redwood Meadows, Alberta, do hereby certify that:

- I am an independent consulting geologist.
- I graduated from the University of the Witswatersrand in South Africa in 1972 with a B.Sc in geology, in 1973 with a B.Sc Hons and in 1975 with a M.Sc in geology.
- I graduated from the University of Saskatchewan in 1979 with a Ph.D in Geology.
- I am registered with the Association of Professional Engineers & Geoscientists of Saskatchewan as a professional geoscientist and have 'Permission to Consult' from this association.
- I meet the criteria of 'Qualified Person' as defined in NI43-101.
- Since 1975 to present I have been involved in government geological mapping in Saskatchewan and Ontario, and mineral exploration in the Yukon, Alberta, Saskatchewan, Manitoba, Ontario, Quebec and Labrador. I have also been involved in exploration in Sweden, Kenya, Tanzania, China, Venezuela and Colombia.
- I have personally participated in and supervised the fieldwork reported herein.



**STATEMENT of EXPENDITURES**

There are three groupings to the exploration work for expenditure purposes as staking was on going during the exploration program.

- Group 1, the initial 94 Shark claims.
- Group 2, Shark claims 95 to 301 which were recorded on 5<sup>th</sup> July 2010
- Group 3, Shark claims 302 to 335 which were staked on 6<sup>th</sup> August and recorded on the 19<sup>th</sup> August 2010.

<b>Expenditure</b>	<b>Group 1</b>	<b>Group 2</b>	<b>Group 3</b>
Technical Support	\$ 9,314.56	\$ 6,638.44	\$ 608.96
Travel	23,284.65	15,673.31	317.97
Insurance	3,726.04	8,205.21	-
Communication	10,069.07	2,497.85	-
Field Support	27,711.59	25,042.15	1,899.47
Field Supplies	9,698.80	2,777.84	-
Camp Costs	52,098.65	63,991.35	-
Food Costs	20,021.13	3,064.95	-
Helicopter Costs	117,808.98	110,377.80	-
Geological Costs	87,162.80	111,764.15	2,983.88
Geophysical Costs	28,618.22	63,020.98	-
Analytical Costs	70,158.50	4,569.96	4,106.13
<b>Totals</b>	<b>\$ 459,663.00</b>	<b>\$ 417,623.99</b>	<b>\$ 9,916.40</b>
Amount per claim	\$ 4,890.03	\$ 2,017.51	\$ 291.66

John Pearson  
VP Exploration  
Great Western Minerals

**LIST of FIELD PERSONNEL**

Stew Fumerton	Geologist / supervisor
Kim Halpin	Geologist
James Angus	Geological Assistant
Alex Croft	Geological Assistant
Adam Larsen	Geological Assistant
Nathan Morgan	Geological Assistant
Scott Newman	Geological Assistant
John Arnold	Field Assistant
Darren Pyne	Cook
Kymerly Smith	Cook
Gary Stawbridge	Helicopter Pilot

Stew Fumerton was retained by Great Western Mineral to manage and supervise the exploration program. Both cooks were employed by Remote Camp Services with an address in London, Ontario. Gary Strawbridge was employed by Transwest Air with an address in Prince Albert, Saskatchewan. All other members of the field crew were directly employed by Great Western Minerals with an address in Saskatoon, Saskatchewan.

**Geological report on the  
True Blue Project  
describing the geology, geochemistry and mineralization  
of the  
Shark Property**

Shark 1 - 16 YC23168 - YC23183  
Shark 16 - 64 YC24131 - YC24178  
Shark 65 - 94 YC24327 - YC24356  
Shark 95 - 335 YD59630 - YD59870

NTS 105F/07, 08, 09 and 10  
Latitude 61° 30'N Longitude 132° 30'W

in the

Watson Lake Mining District  
Yukon Territory

**VOLUME 2  
APPENDICES 1 & 2**

prepared by

Stew Fumerton, Ph.D., P. Geo.  
Stew Fumerton Consulting Ltd  
28 Wolf Drive,  
Redwood Meadows, Alberta

and

Kim Halpin  
Great Western Minerals Group Ltd  
Saskatoon

for

Great Western Minerals Group Ltd

November 2010



## APPENDIX 1

## Stream Sediment Analytical Certificates.

Silt Samples with coordinates given using NAD83 UTM Zone 8

Sample	Date	Easting	Northing	Weather	Water Flow	Trap	Colour	Comments
333002	2010-06-17	636,278	6,821,812	Overcast	Poor	Gravel Bed	Light Brown	5m wide rocky/gravelly stream
333004	2010-06-18	633,386	6,822,232	Cloudy	Poor	Plunge pool	Tan	3m wide incised valley.
333006	2010-06-18	634,282	6,822,812	Light rain	Fast	Behind rock	Light Brown	1-2m wide stream.
333008	2010-06-18	635,709	6,823,276	Raining	Fast	Under rock	Brown	5m wide very rocky/gravelly
333010	2010-06-19	633,215	6,818,868	Cloudy	Moderate	Pool	Tan	2-3m wide - rocky.
333012	2010-06-19	632,421	6,819,770	Overcast	Moderate	Behind tree	Orange	1-2m wide with trees
333014	2010-06-19	632,066	6,820,431	Overcast	Moderate	Gravel bank	Brown	1-2m wide with trees / rocks
333016	2010-06-20	639,932	6,821,332	Clear	Well	Point bar	Brown	1-2m rocky stream
333018	2010-06-20	639,534	6,819,780	Clear	Moderate	Under rocks	Dark brown	1m wide overhanging willows
333020	2010-06-20	636,206	6,822,550	Cloudy	Poor	Sand bar	Dark brown	1m wide, gravel & boulders
333022	2010-06-25	639,127	6,818,241	Overcast	Well	Point bar	Brown-Grey	2-5m wide rocky/gravelly
333024	2010-06-25	637,717	6,817,680	Overcast	Moderate	Bar & rocks	Light Brown	1m wide rocky vegetation
333026	2010-06-25	636,494	6,817,095	Raining	Poor	Bar	Light Brown	1m wide silt/sand/moss
333028	2010-06-30	629,631	6,829,943	Low cloud	Moderate	Point bar	Brown	1-2m gravel & silt
333030	2010-06-30	630,025	6,828,055	Overcast	Fast	Point bar	Brown	1-2m rocky
333038	2010-06-30	629,744	6,829,102	Foggy	Slow	Flooded	Brown	1m wide & deep with willows.
333040	2010-06-30	630,610	6,827,364	Foggy	Fast	Confluence	Brown	2 m wide abundant willow
333042	2010-06-30	631,871	6,823,456	Foggy	Very fast	Confluence	Brown	3-5m stream
333044	2010-07-03	638,115	6,821,285	Cloudy	Slow	Stream bank	Light Brown	1m wide from an alluvial fan
333046	2010-07-03	634,061	6,826,702	Cloudy	Slow	Bed	Dark brown	1m wide overhanging willow
333048	2010-07-03	631,665	6,825,913	Cloudy	Moderate	Elbow	Grey	2-4m wide with sand bars
333054	2010-07-03	624,932	6,828,492	Cloudy	Moderate	Bed		2m wide overhang willow
333056	2010-07-03	625,476	6,826,408	Cloudy	Poor	Behind boulder		0.5m wide overhang willow
333058	2010-07-03	626,012	6,825,786	Cloudy	Moderate	Shallow pool		Willow vegetation
333060	2010-07-03	626,587	6,824,748	Cloudy	Well	Shallow pool		2-3m, steep, blue water
333062	2010-07-22	637,688	6,833,734	Foggy	Slow	Bed		<1m wide through moss.
333064	2010-07-22	637,580	6,833,904	Foggy	Moderate	Point bar		2m wide Rocky - gravel
333066	2010-07-22	637,736	6,834,067	Foggy	Moderate	Point bar		2m wide Rocky/gravel.
333068	2010-07-22	634,145	6,821,938	Foggy	Slow	Bed		3-5m wide.
333070	2010-07-22	635,492	6,822,169	Foggy	Moderate	Behind rock		1m wide
333072		636,167	6,820,309	Raining	Slow			
333074	2010-07-24	637,107	6,820,651	Overcast	Slow	Under rocks	Light Brown	1-2m wide heavy vegetation
333076	2010-07-24	637,235	6,820,705	Overcast	Slow	Bed	Light Brown	<1m wide cutting vegetation
333078	2010-07-24	637,384	6,821,966	Overcast	Moderate	Point bars	Grey-black	1m wide gravelly
333080	2010-07-27	627,938	6,824,480	Sunny	Slow	Shallow	Grey black	5m wide
333082	2010-07-27	627,702	6,824,577	Sunny	Dry	Rocks	Grey black	2-3m wide
333084	2010-07-27	627,530	6,824,714	Sunny	Slow	Bed	Orange	2-3m wide
333086	2010-07-27	627,363	6,824,863	Sunny	Slow	Bed	Orange	2-3 m wide
333088	2010-07-27	627,152	6,824,914	Sunny	Moderate	Bed	Orange	2-3 m wide
333090	2010-07-27	626,896	6,824,882	Sunny	Moderate	Rock	Blue tinge	2-3 m wide
333092	2010-07-27	626,649	6,824,763	Sunny	Well	Rock	Blue tinge	2-3 m wide

## Stream sediment concentrate samples with coordinates given using NAD83 UTM Zone 8

Sample	Date	Easting	Northing	Corresponding Silt sample
333001	2010-06-17	636,278	6,821,812	333002
333003	2010-06-18	633,386	6,822,232	333004
333005	2010-06-18	634,282	6,822,812	333006
333007	2010-06-18	635,709	6,823,276	333008
333009	2010-06-19	633,215	6,818,868	333010
333011	2010-06-19	632,421	6,819,770	333012
333013	2010-06-19	632,066	6,820,431	333014
333015	2010-06-20	639,932	6,821,332	333016
333017	2010-06-20	639,534	6,819,780	333018
333019	2010-06-20	636,206	6,822,550	333020
333021	2010-06-25	639,127	6,818,241	333022
333023	2010-06-25	637,717	6,817,680	333024
333025	2010-06-25	636,494	6,817,095	333026
333027	2010-06-30	629,631	6,829,943	333028
333029	2010-06-30	630,025	6,828,055	333030
333037	2010-06-30	629,744	6,829,102	333038
333039	2010-06-30	630,610	6,827,364	333040
333041	2010-06-30	631,871	6,823,456	333042
333043	2010-07-03	638,115	6,821,285	333044
333045	2010-07-03	634,061	6,826,702	333046
333047	2010-07-03	631,665	6,825,913	333048
333049	2010-07-03	628,096	6,822,393	
333053	2010-07-03	624,932	6,828,492	333054
333055	2010-07-03	625,476	6,826,408	333056
333057	2010-07-03	626,012	6,825,786	333058
333059	2010-07-03	626,587	6,824,748	333060
333061	2010-07-22	637,688	6,833,734	333062
333063	2010-07-22	637,580	6,833,904	333064
333065	2010-07-22	637,736	6,834,067	333066
333067	2010-07-22	634,145	6,821,938	333068
333069	2010-07-22	635,492	6,822,169	333070
333071	2010-07-24	636,167	6,820,309	333072
333073	2010-07-24	637,107	6,820,651	333074
333075	2010-07-24	637,235	6,820,705	333076
333077	2010-07-24	637,384	6,821,966	333078
333079	2010-07-27	627,938	6,824,480	333080
333081	2010-07-27	627,702	6,824,577	333082
333083	2010-07-27	627,530	6,824,714	333084
333085	2010-07-27	627,363	6,824,863	333086
333087	2010-07-27	627,152	6,824,914	333088
333089	2010-07-27	626,896	6,824,882	333090
333091	2010-07-27	626,649	6,824,763	333092



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Acme Analytical Laboratories (Vancouver) Ltd.

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**Client:** **Great Western Minerals Group Ltd.**  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8 Canada

Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: July 05, 2010  
Report Date: July 26, 2010  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000054.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-001  
P.O. Number  
Number of Samples: 13

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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.

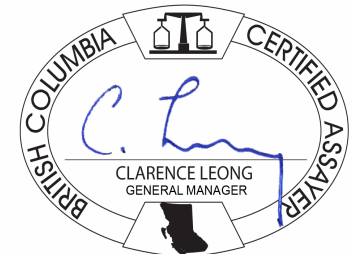
Invoice To: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
P200	13	Pulverize to 85% passing 200 mesh			VAN
Group 1T	13	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
Split Reject	13	Reject sample split/packet			WHI

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Client: **Great Western Minerals Group Ltd.**  
 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: July 26, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI1000054.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
333001	Concentrate	5.79	4.68	15.49	54.6	<20	9.0	2.2	495	1.99	10.9	4.7	<0.1	18.4	97	0.38	1.23	0.10	104	0.52	0.099
333003	Concentrate	5.72	17.23	25.70	99.7	<20	3.6	3.7	574	2.90	21.1	10.7	<0.1	43.4	54	0.56	0.84	0.38	16	0.37	0.037
333005	Concentrate	6.90	9.00	13.03	35.4	<20	17.1	9.9	955	3.22	5.6	13.0	<0.1	32.0	232	0.32	0.96	0.13	87	2.31	0.083
333007	Concentrate	5.12	52.05	64.01	104.5	*	31.8	12.4	778	5.67	279.3	4.9	<0.1	19.1	96	0.62	3.21	0.39	144	1.09	0.093
333009	Concentrate	9.96	27.00	73.25	700.2	*	3.8	3.8	2428	6.43	20.4	6.3	<0.1	32.1	14	2.82	2.12	0.48	5	0.11	0.040
333011	Concentrate	11.87	14.96	22.28	346.5	<20	3.7	4.6	4971	6.71	15.9	6.2	<0.1	38.4	10	2.38	2.24	0.11	4	0.17	0.039
333013	Concentrate	14.45	13.79	50.57	510.5	*	3.5	2.9	1927	6.38	20.0	7.2	<0.1	42.9	30	1.97	2.24	0.19	11	0.36	0.047
333015	Concentrate	1.65	51.10	25.83	83.4	60	60.6	30.1	1071	6.33	29.3	2.2	<0.1	13.8	141	0.30	2.72	0.48	105	2.75	0.080
333017	Concentrate	2.82	19.97	42.37	177.3	204	32.2	12.0	589	3.44	19.0	2.0	<0.1	6.4	143	0.93	3.47	0.46	141	12.49	0.078
333019	Concentrate	6.09	48.69	43.17	145.9	*	47.8	19.7	789	8.30	138.2	6.5	<0.1	22.4	93	0.85	3.64	1.00	205	1.47	0.088
333021	Concentrate	1.81	50.65	61.49	128.1	174	65.6	32.0	856	7.02	147.2	2.6	<0.1	15.7	113	0.50	4.59	1.92	98	2.56	0.080
333023	Concentrate	12.55	16.86	24.56	73.7	<20	39.5	13.6	807	5.15	22.2	3.5	<0.1	19.5	44	0.30	1.71	0.78	168	0.63	0.107
333025	Concentrate	11.48	35.03	40.16	222.0	183	18.0	8.1	2105	7.78	34.1	3.1	<0.1	23.1	39	0.75	2.79	0.66	39	0.55	0.070



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Project: True Blue  
 Report Date: July 26, 2010

Page: 2 of 2 Part 2

**CERTIFICATE OF ANALYSIS**

**WHI1000054.1**

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
333001	Concentrate	130.6	12	1.17	612	0.413	6.90	3.878	2.01	4.4	60.6	4.3	4	3.7	<0.04	33.6	228.7	23.1	84.0	11.5	1.4
333003	Concentrate	127.1	20	0.39	1284	0.302	7.11	2.920	4.21	6.9	153.8	7.9	6	2.3	<0.04	44.6	238.6	23.6	86.0	12.6	1.0
333005	Concentrate	130.5	44	0.94	899	0.789	7.24	3.771	2.62	4.4	123.9	12.0	6	7.0	<0.04	41.0	242.9	21.8	77.2	10.6	1.4
333007	Concentrate	213.3	35	1.01	765	0.346	7.23	2.038	2.27	8.9	73.6	7.0	4	7.3	0.10	32.7	353.0	32.3	114.2	13.7	1.9
333009	Concentrate	174.3	6	0.44	2798	0.185	6.86	0.873	4.12	2.9	271.8	7.5	5	1.6	0.11	40.1	343.7	34.5	135.2	19.7	1.5
333011	Concentrate	240.3	16	0.47	1336	0.228	7.39	0.270	4.32	3.5	450.4	9.9	7	1.2	0.12	54.8	493.6	45.6	175.8	26.0	2.9
333013	Concentrate	228.8	8	0.45	2461	0.268	6.64	1.038	3.15	3.9	390.6	9.1	5	1.7	0.20	52.1	434.1	42.8	165.3	23.3	2.4
333015	Concentrate	45.9	76	0.79	532	0.241	8.86	0.428	3.00	0.8	57.9	2.3	3	13.7	0.05	9.6	89.35	10.9	43.8	6.6	1.2
333017	Concentrate	29.8	50	4.93	1444	0.209	4.63	0.253	1.62	1.3	45.2	1.9	1	6.4	<0.04	11.0	51.33	5.8	24.8	3.3	0.7
333019	Concentrate	269.7	60	1.34	819	0.437	7.06	0.806	2.14	13.4	90.5	7.6	3	8.4	0.22	33.6	446.2	39.3	137.4	15.0	2.3
333021	Concentrate	61.3	81	1.29	598	0.273	8.05	0.478	2.65	1.0	56.1	3.2	2	13.0	0.14	11.5	116.4	13.7	51.9	7.8	1.3
333023	Concentrate	95.0	58	1.22	590	0.252	6.10	1.272	2.18	2.9	71.3	4.5	3	7.5	<0.04	22.5	175.0	19.4	73.8	10.7	1.3
333025	Concentrate	156.4	31	0.70	1776	0.241	6.66	0.858	3.99	2.6	208.7	4.5	3	3.5	0.18	32.3	292.0	31.0	121.8	18.2	2.8



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Project: True Blue  
 Report Date: July 26, 2010

Page: 2 of 2 Part 3

CERTIFICATE OF ANALYSIS

WHI1000054.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	
333001	Concentrate	9.4	1.4	8.0	1.5	3.7	0.5	3.3	0.4	1.55	24.7	73.6	9.1	159.7	1.3	26.43
333003	Concentrate	10.3	1.6	9.4	2.0	5.1	0.7	5.2	0.6	4.10	21.9	165.3	14.0	234.1	3.1	29.66
333005	Concentrate	8.6	1.4	7.8	1.6	4.3	0.6	4.5	0.6	3.15	18.4	111.2	11.3	182.3	1.6	24.44
333007	Concentrate	9.7	1.3	7.2	1.3	3.1	0.4	3.1	0.4	1.72	29.0	97.0	6.3	122.3	2.5	24.25
333009	Concentrate	15.3	1.8	9.4	1.5	3.9	0.5	4.1	0.5	5.81	27.9	136.3	8.8	176.6	1.2	33.62
333011	Concentrate	20.2	2.6	12.8	2.2	5.4	0.8	5.8	0.8	9.58	33.6	148.7	12.7	260.6	1.7	39.54
333013	Concentrate	18.3	2.3	11.9	2.1	5.3	0.7	5.4	0.7	8.40	24.1	127.0	13.3	268.4	1.3	33.33
333015	Concentrate	4.5	0.5	2.4	0.4	1.0	0.1	1.2	0.2	1.60	37.0	133.3	0.5	8.10	3.8	23.80
333017	Concentrate	3.2	0.4	1.9	0.4	1.0	0.1	1.1	0.2	1.10	34.0	73.4	0.4	9.47	2.1	11.94
333019	Concentrate	9.6	1.4	7.5	1.3	3.3	0.4	3.0	0.4	2.15	44.7	102.0	7.5	146.8	3.4	21.17
333021	Concentrate	5.0	0.6	2.8	0.5	1.0	0.1	1.3	0.2	1.48	36.3	134.1	0.6	11.98	3.5	21.09
333023	Concentrate	7.6	1.0	5.0	0.9	2.1	0.3	2.1	0.3	1.70	27.8	89.6	3.9	81.30	1.5	22.15
333025	Concentrate	13.8	1.6	7.5	1.2	2.8	0.4	3.0	0.4	4.45	22.1	125.7	3.5	80.53	1.3	26.30



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**Project:** True Blue  
**Report Date:** July 26, 2010

**Page:** 1 of 1 **Part** 1

QUALITY CONTROL REPORT

WHI1000054.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001	
Pulp Duplicates																					
REP G1	QC	0.20	4.95	18.81	49.0	<20	2.9	5.4	738	2.38	0.6	3.3	<0.1	10.4	660	0.03	0.06	0.15	53	2.29	0.085
Reference Materials																					
STD OREAS24P	Standard	1.60	52.34	2.41	118.4	57	148.9	48.3	1135	7.74	1.0	0.7	<0.1	2.8	377	0.18	0.09	<0.04	165	5.95	0.147
STD OREAS45P	Standard	2.23	751.0	22.75	143.6	327	413.4	132.7	1327	19.68	11.2	2.1	<0.1	10.5	28	0.21	0.77	0.22	282	0.30	0.045
STD OREAS24P Expected		1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83	0.136
STD OREAS45P Expected		2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3	0.047
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
Prep Wash																					
G1	Prep Blank	0.20	4.03	18.35	47.8	<20	2.7	4.9	732	2.36	0.5	3.5	<0.1	10.8	647	0.09	0.07	0.18	51	2.28	0.082



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**Project:** True Blue  
**Report Date:** July 26, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI1000054.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
Pulp Duplicates																				
REP G1 QC	29.4	17	0.59	919	0.233	6.72	2.801	2.73	0.2	10.8	1.7	3	5.0	<0.04	14.5	61.10	6.9	27.4	4.1	0.9
Reference Materials																				
STD OREAS24P Standard	19.7	199	4.06	289	1.140	7.92	2.313	0.70	0.4	145.0	1.6	1	19.2	<0.04	21.8	39.82	5.0	23.9	4.6	1.6
STD OREAS45P Standard	26.3	1110	0.22	271	1.140	6.98	0.082	0.34	1.0	151.3	2.5	<1	62.9	<0.04	13.3	49.74	5.7	24.8	4.0	1.0
STD OREAS24P Expected	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7	1.6
STD OREAS45P Expected	24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5		67.1	0.03	13	48.9	6	23.2	4.24	1.1
BLK Blank	0.7	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	1.19	<0.1	0.6	<0.1	<0.1
Prep Wash																				
G1 Prep Blank	32.5	13	0.59	897	0.222	6.92	2.719	2.53	0.2	10.1	1.5	3	4.5	<0.04	14.5	62.99	7.0	28.1	4.0	0.9





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Project: True Blue

Report Date: July 26, 2010

Page: 1 of 1 Part 3

# QUALITY CONTROL REPORT

WHI1000054.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
Pulp Duplicates																
REP G1	QC	3.1	0.5	2.8	0.6	1.6	0.2	1.8	0.3	0.63	39.1	133.4	1.5	27.01	4.9	19.27
Reference Materials																
STD OREAS24P	Standard	5.7	0.8	4.7	0.9	2.1	0.3	1.9	0.3	3.56	8.1	23.9	1.2	20.51	0.8	20.96
STD OREAS45P	Standard	4.0	0.6	3.4	0.6	1.6	0.2	1.7	0.2	3.83	15.4	26.3	1.2	19.72	2.1	22.66
STD OREAS24P Expected		5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43
STD OREAS45P Expected		3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	0.5	<0.1	<0.04	<0.1	<0.02
Prep Wash																
G1	Prep Blank	3.4	0.5	2.9	0.6	1.5	0.2	1.7	0.3	0.60	38.8	133.9	1.5	26.51	4.7	18.90



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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: July 12, 2010  
Report Date: August 06, 2010  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000097.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-008  
P.O. Number  
Number of Samples: 13

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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: Great Western Minerals Group Ltd.  
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Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
P200	13	Pulverize to 85% passing 200 mesh			VAN
Group 1T	13	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
Split Reject	13	Reject sample split/packet			WHI

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
 Report Date: August 06, 2010

Page: 2 of 2 Part 1

**CERTIFICATE OF ANALYSIS**

**WHI1000097.1**

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001	
333027	Concentrate	3.53	32.94	70.76	181.1	113	41.8	14.5	568	4.21	37.4	4.5	<0.1	14.0	62	0.74	2.94	1.12	178	1.66	0.139
333029	Concentrate	3.45	19.25	31.76	110.4	76	30.5	15.5	753	4.49	30.1	4.2	<0.1	16.0	86	0.57	2.24	0.62	156	1.37	0.134
333037	Concentrate	3.48	26.91	39.67	291.0	38	54.9	17.4	964	3.90	34.2	4.4	<0.1	12.3	56	2.11	2.33	0.95	229	0.91	0.130
333041	Concentrate	4.81	25.84	22.97	112.4	<20	27.9	10.3	809	6.34	54.8	8.1	<0.1	29.1	132	0.49	2.74	0.50	150	2.57	0.112
333043	Concentrate	11.98	30.68	101.5	338.6	513	64.8	10.5	862	2.91	18.1	6.8	<0.1	8.6	140	2.15	7.56	0.29	422	5.33	0.179
333045	Concentrate	7.38	24.15	27.93	163.5	200	45.8	14.7	954	5.58	24.4	4.3	<0.1	10.1	68	0.41	4.28	1.25	249	2.68	0.229
333047	Concentrate	2.15	22.74	15.06	91.5	<20	33.1	16.4	764	4.10	15.5	2.2	<0.1	13.5	153	0.27	1.46	0.25	91	4.86	0.092
333049	Concentrate	8.55	9.37	38.16	158.1	<20	10.0	5.0	615	4.17	21.1	6.4	<0.1	30.4	50	0.72	1.39	0.51	49	0.27	0.059
333053	Concentrate	4.93	34.76	49.86	207.0	126	40.2	11.4	452	5.02	113.8	3.3	<0.1	9.8	35	1.04	3.61	6.74	247	0.80	0.114
333055	Concentrate	2.83	30.13	28.35	156.1	24	34.2	12.5	342	4.25	95.9	3.0	<0.1	12.7	138	0.73	1.77	1.98	157	0.52	0.087
333057	Concentrate	3.99	17.37	37.44	137.6	21	34.1	9.3	282	3.29	53.3	3.3	<0.1	13.4	46	0.81	1.59	0.81	186	0.37	0.100
333059	Concentrate	20.69	56.58	583.4	2351	1525	59.5	17.3	8776	3.84	609.8	10.2	<0.1	22.4	29	24.00	22.82	2.99	173	0.24	0.089
333039	Concentrate	4.87	19.26	122.9	121.9	145	20.8	7.6	632	3.38	101.7	3.4	<0.1	12.7	85	0.65	2.58	0.67	113	0.83	0.103



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 06, 2010

Page: 2 of 2 Part 2

**CERTIFICATE OF ANALYSIS**

**WHI1000097.1**

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
333027	Concentrate	100.0	41	1.31	1527	0.407	5.66	0.962	2.17	2.6	76.2	3.9	2	7.8	<0.04	19.3	170.4	18.1	64.8	8.5	1.5
333029	Concentrate	110.3	42	1.16	1437	0.720	6.17	1.577	2.45	5.8	105.6	4.7	1	7.9	0.04	24.8	188.6	19.9	72.8	10.4	1.6
333037	Concentrate	68.6	49	1.14	1689	0.302	6.23	1.158	2.52	2.3	76.9	3.9	3	8.8	<0.04	15.0	120.1	13.5	46.7	6.8	1.1
333041	Concentrate	252.4	36	1.51	818	0.489	6.92	1.995	2.34	14.9	107.2	7.8	5	7.1	0.06	40.5	407.2	37.8	128.2	14.8	2.1
333043	Concentrate	34.6	67	2.82	3314	0.247	6.08	0.098	2.45	2.0	85.7	2.2	3	9.1	0.07	16.8	59.28	7.6	29.7	4.7	0.5
333045	Concentrate	78.5	54	3.65	2014	0.308	5.84	0.417	1.85	2.8	61.5	2.9	2	8.8	<0.04	15.0	118.7	12.5	44.0	6.0	1.0
333047	Concentrate	57.0	56	1.57	978	0.286	7.48	0.510	2.83	1.3	80.9	2.6	3	11.3	<0.04	14.2	107.9	12.9	47.8	7.0	1.1
333049	Concentrate	122.1	16	0.56	1054	0.221	6.53	2.148	3.25	4.7	308.6	6.7	6	3.5	<0.04	32.2	233.9	24.6	93.1	13.3	1.2
333053	Concentrate	50.0	47	1.12	1587	0.265	5.61	0.501	2.47	3.3	75.3	4.0	2	8.3	0.04	12.4	90.54	10.5	40.9	5.6	0.9
333055	Concentrate	69.2	43	1.04	1076	0.289	5.67	0.789	2.23	55.3	62.2	4.2	2	8.9	<0.04	17.2	135.9	14.9	58.8	8.5	1.3
333057	Concentrate	56.0	44	1.14	1293	0.239	5.32	0.923	2.14	2.8	98.2	4.5	3	8.0	<0.04	13.4	105.0	12.1	45.6	6.5	0.8
333059	Concentrate	265.4	16	0.53	1114	0.166	5.51	0.726	2.50	3.5	130.1	16.9	5	3.8	0.27	42.4	672.2	46.2	162.2	22.2	1.6
333039	Concentrate	97.4	28	0.70	1374	0.366	6.81	2.211	3.62	4.6	77.4	5.6	2	5.7	<0.04	19.1	154.4	15.3	53.4	7.0	1.0



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Project: True Blue  
 Report Date: August 06, 2010

Page: 2 of 2 Part 3

CERTIFICATE OF ANALYSIS

WHI1000097.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	
333027	Concentrate	6.0	0.8	4.0	0.7	1.8	0.2	1.8	0.3	1.95	22.7	72.8	2.8	52.47	2.2	16.00
333029	Concentrate	7.8	1.0	6.0	1.0	2.5	0.3	2.2	0.3	2.62	22.5	76.3	4.6	81.92	2.2	17.65
333037	Concentrate	5.5	0.6	3.7	0.6	1.5	0.2	1.5	0.2	1.96	26.0	91.3	2.0	35.78	3.1	18.84
333041	Concentrate	10.6	1.5	8.9	1.6	4.2	0.5	3.8	0.5	2.59	31.2	81.4	10.7	201.9	2.1	23.33
333043	Concentrate	3.7	0.4	2.8	0.5	1.4	0.2	1.5	0.2	2.30	52.1	98.8	0.7	15.14	3.8	15.00
333045	Concentrate	4.1	0.5	3.0	0.5	1.3	0.2	1.3	0.2	1.66	57.8	73.1	0.8	14.49	2.5	15.17
333047	Concentrate	5.3	0.7	3.5	0.6	1.5	0.2	1.4	0.2	1.99	31.1	102.0	1.9	33.24	2.9	19.93
333049	Concentrate	10.3	1.4	7.5	1.3	3.4	0.5	3.3	0.5	6.74	24.4	106.8	7.8	152.1	3.2	28.68
333053	Concentrate	4.4	0.5	2.8	0.5	1.3	0.2	1.3	0.2	1.94	21.7	85.1	1.3	24.26	3.3	17.17
333055	Concentrate	6.0	0.7	4.1	0.7	1.8	0.2	1.7	0.2	1.55	32.8	82.1	1.5	27.43	5.4	17.61
333057	Concentrate	5.2	0.6	3.1	0.5	1.4	0.2	1.5	0.2	2.41	29.4	77.2	2.2	43.11	3.1	17.75
333059	Concentrate	17.6	2.2	11.1	1.7	4.1	0.5	3.1	0.4	3.01	37.6	102.1	5.6	107.5	5.1	23.83
333039	Concentrate	5.5	0.7	3.9	0.7	1.9	0.2	1.7	0.3	1.91	22.4	99.1	4.1	77.67	2.9	21.00



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**Project:** True Blue  
**Report Date:** August 06, 2010

**Page:** 1 of 1 **Part** 1

QUALITY CONTROL REPORT

WHI10000097.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
Pulp Duplicates																					
333039	Concentrate	4.87	19.26	122.9	121.9	145	20.8	7.6	632	3.38	101.7	3.4	<0.1	12.7	85	0.65	2.58	0.67	113	0.83	0.103
REP 333039	QC	4.68	16.47	124.6	113.9	101	20.0	7.7	636	3.34	98.9	3.3	<0.1	12.7	83	0.71	2.43	1.57	112	0.81	0.098
Reference Materials																					
STD OREAS24P	Standard	1.51	47.59	2.74	116.0	<20	146.8	46.5	1137	7.98	1.9	0.6	<0.1	2.6	395	0.21	0.12	0.05	158	6.08	0.142
STD OREAS45P	Standard	2.10	756.6	22.15	150.5	341	387.2	122.1	1335	19.57	12.7	2.2	<0.1	10.0	32	0.20	0.81	0.28	266	0.32	0.052
STD OREAS24P Expected		1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83	0.136
STD OREAS45P Expected		2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3	0.047
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
Prep Wash																					
G1	Prep Blank	0.22	2.69	17.13	51.8	<20	3.7	4.6	757	2.21	0.6	3.0	<0.1	8.9	659	0.09	0.09	0.16	49	2.35	0.086
G1	Prep Blank	0.21	2.42	18.04	47.6	<20	3.2	5.5	735	2.16	0.5	3.3	<0.1	8.5	702	0.07	0.08	0.16	47	2.38	0.081



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**Project:** True Blue  
**Report Date:** August 06, 2010

**Page:** 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI10000097.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
Pulp Duplicates																					
333039	Concentrate	97.4	28	0.70	1374	0.366	6.81	2.211	3.62	4.6	77.4	5.6	2	5.7	<0.04	19.1	154.4	15.3	53.4	7.0	1.0
REP 333039	QC	101.3	28	0.70	1284	0.359	6.64	2.191	3.44	4.8	75.4	5.5	2	5.6	<0.04	17.9	160.0	15.3	52.6	6.7	0.8
Reference Materials																					
STD OREAS24P	Standard	17.3	197	4.20	268	1.050	8.09	2.460	0.71	0.5	134.9	1.7	<1	20.7	<0.04	20.8	35.61	4.6	20.7	4.6	1.6
STD OREAS45P	Standard	23.1	1069	0.21	280	1.041	6.97	0.092	0.38	1.1	150.8	2.7	<1	70.2	<0.04	12.8	46.41	5.7	23.0	4.1	1.0
STD OREAS24P Expected		17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7	1.6
STD OREAS45P Expected		24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5		67.1	0.03	13	48.9	6	23.2	4.24	1.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	0.1	<0.04	<0.1	0.20	<0.1	<0.1	<0.1	<0.1
Prep Wash																					
G1	Prep Blank	28.6	11	0.62	991	0.223	6.95	2.720	2.97	0.4	10.4	1.6	3	5.6	<0.04	14.6	57.51	6.9	26.5	4.0	0.8
G1	Prep Blank	27.2	12	0.59	969	0.215	7.12	2.865	3.00	0.4	11.1	1.6	3	5.3	<0.04	15.3	52.45	6.3	24.2	4.1	0.9



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**Project:** True Blue  
**Report Date:** August 06, 2010

**Page:** 1 of 1 **Part** 3

QUALITY CONTROL REPORT

WHI1000097.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
Pulp Duplicates																
333039	Concentrate	5.5	0.7	3.9	0.7	1.9	0.2	1.7	0.3	1.91	22.4	99.1	4.1	77.67	2.9	21.00
REP 333039	QC	5.2	0.7	4.0	0.7	2.0	0.3	1.7	0.3	1.82	21.8	96.1	4.0	72.76	2.8	19.89
Reference Materials																
STD OREAS24P	Standard	5.0	0.7	4.5	0.8	2.0	0.3	1.7	0.2	3.21	7.9	21.2	1.1	19.85	0.8	20.45
STD OREAS45P	Standard	3.6	0.6	3.4	0.6	1.7	0.2	1.6	0.2	3.98	16.6	23.8	1.3	19.64	2.1	23.95
STD OREAS24P Expected		5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43
STD OREAS45P Expected		3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	0.5	<0.1	<0.04	<0.1	<0.02
Prep Wash																
G1	Prep Blank	3.7	0.5	2.8	0.5	1.5	0.2	1.6	0.3	0.55	39.6	125.3	1.5	25.73	4.6	18.35
G1	Prep Blank	3.2	0.4	2.7	0.5	1.5	0.2	1.6	0.3	0.58	36.3	129.6	1.4	25.31	4.9	18.25





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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: August 06, 2010  
Report Date: September 07, 2010  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000257.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-012  
P.O. Number  
Number of Samples: 16

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
P200	16	Pulverize to 85% passing 200 mesh			VAN
Group 1T	16	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

### SAMPLE DISPOSAL

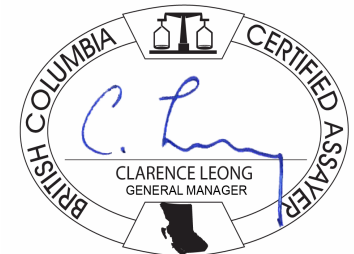
DISP-PLP Dispose of Pulp After 90 days

### ADDITIONAL COMMENTS

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: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
 Report Date: September 07, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI1000257.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
333061	Concentrate	6.42	13.23	34.45	122.7	<20	7.2	6.7	811	3.46	13.5	4.0	<0.1	29.2	14	0.81	2.49	0.12	34	0.11	0.052
333063	Concentrate	8.65	34.94	56.28	5575	<20	67.6	10.5	4287	4.49	20.5	4.8	<0.1	27.9	35	49.81	5.68	0.24	41	0.51	0.060
333065	Concentrate	8.39	32.19	51.47	3993	<20	57.1	10.7	3862	4.50	18.2	4.3	<0.1	25.0	35	36.33	4.93	0.20	41	0.45	0.057
333067	Concentrate	5.90	16.20	42.34	92.8	<20	4.2	6.7	1239	3.00	15.8	12.9	<0.1	39.7	113	0.77	0.95	0.38	32	0.49	0.076
333069	Concentrate	3.71	7.22	36.72	136.5	<20	19.6	8.2	1041	3.33	14.0	6.5	<0.1	29.8	230	0.97	1.01	0.14	45	1.93	0.050
333071	Concentrate	4.90	5.94	8.90	52.4	<20	16.9	7.0	621	3.42	12.6	3.8	<0.1	18.8	68	0.40	2.30	0.28	148	0.88	0.179
333073	Concentrate	6.76	2.88	3.74	46.3	<20	27.4	6.2	641	2.36	5.6	4.7	<0.1	13.9	40	0.35	0.73	0.13	229	0.38	0.114
333075	Concentrate	30.34	19.52	23.49	86.4	<20	17.7	17.5	885	8.89	20.4	7.9	<0.1	39.1	27	0.49	3.26	1.54	53	0.36	0.118
333077	Concentrate	8.15	45.19	104.3	123.6	302	46.3	14.8	399	3.97	183.3	3.2	<0.1	11.0	122	0.84	3.68	0.40	262	0.56	0.062
333079	Concentrate	13.31	14.98	302.7	1226	36	21.4	4.3	2256	5.31	116.9	5.2	<0.1	22.9	31	8.29	4.17	0.31	100	0.15	0.064
333081	Concentrate	9.33	14.19	129.8	540.3	30	19.8	3.3	1698	4.73	303.5	4.6	<0.1	15.7	38	4.01	4.94	0.38	155	1.02	0.065
333083	Concentrate	11.95	46.78	550.8	506.5	2963	13.7	4.5	1300	5.13	870.4	9.4	<0.1	27.9	24	2.45	30.84	4.41	183	0.18	0.074
333085	Concentrate	14.18	83.00	765.2	603.5	6154	25.8	11.0	2480	8.23	1320	11.5	<0.1	32.9	24	3.54	44.27	8.65	163	0.14	0.070
333087	Concentrate	22.26	71.99	626.4	1650	2411	42.9	15.6	7008	4.65	738.0	11.4	<0.1	29.0	27	16.91	30.50	4.22	182	0.19	0.075
333089	Concentrate	23.52	66.03	612.6	1899	1886	50.5	15.2	8397	4.04	654.6	11.0	<0.1	25.8	28	22.67	29.80	3.69	172	0.22	0.074
333091	Concentrate	19.19	56.89	581.2	1919	1281	57.4	16.5	8115	3.78	531.2	9.5	<0.1	22.8	28	22.20	22.98	3.29	173	0.22	0.076



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: September 07, 2010

Page: 2 of 2 Part 2

**CERTIFICATE OF ANALYSIS**

**WHI1000257.1**

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
333061	Concentrate	140.6	13	0.54	1754	0.295	8.40	0.157	4.89	2.4	195.1	9.1	5	3.0	<0.04	31.1	262.1	29.2	94.2	13.2	1.1
333063	Concentrate	391.6	19	0.66	446	0.281	8.47	0.210	4.66	2.9	261.8	9.4	8	4.1	0.55	80.9	390.0	74.1	226.1	31.7	3.4
333065	Concentrate	291.6	20	0.60	773	0.271	8.37	0.216	4.53	2.7	240.5	9.0	8	3.9	0.40	63.6	330.5	56.4	180.1	25.6	2.7
333067	Concentrate	166.6	8	0.40	1345	0.619	8.10	3.787	4.33	11.2	134.5	12.7	6	3.3	<0.04	42.3	312.1	30.7	97.2	13.9	1.6
333069	Concentrate	157.9	47	0.77	1772	0.418	7.64	3.385	3.92	2.5	118.9	7.6	5	5.3	<0.04	53.6	293.5	29.8	95.3	12.5	1.3
333071	Concentrate	138.7	18	2.73	368	0.893	7.33	3.936	1.51	7.6	70.7	7.3	5	8.8	0.09	40.0	266.9	30.3	104.3	15.6	2.5
333073	Concentrate	58.4	49	0.96	522	0.153	6.97	2.808	1.81	4.6	54.0	5.2	3	7.0	<0.04	20.2	105.7	11.7	38.5	6.0	0.9
333075	Concentrate	217.1	17	0.59	444	0.464	7.56	1.758	4.34	18.9	76.3	8.2	6	3.7	0.62	60.9	424.6	46.1	156.2	22.2	2.8
333077	Concentrate	49.1	79	0.73	885	0.160	7.68	0.436	2.33	0.9	43.8	7.3	3	10.9	0.12	8.3	89.70	9.8	33.7	4.6	0.9
333079	Concentrate	111.1	19	0.61	1044	0.126	7.73	0.849	3.40	2.0	156.6	10.7	6	3.0	<0.04	23.7	217.9	23.5	80.2	12.1	1.4
333081	Concentrate	78.4	12	0.52	32	0.139	6.13	0.208	2.74	2.7	95.1	16.3	3	2.5	2.44	21.2	147.5	17.1	57.8	8.7	1.0
333083	Concentrate	98.1	15	0.40	68	0.125	6.14	0.442	2.66	2.6	105.3	21.2	4	3.0	1.36	26.4	215.2	23.7	81.7	12.0	1.1
333085	Concentrate	98.5	13	0.38	18	0.111	5.73	0.429	2.40	2.4	108.7	25.0	5	3.0	4.56	28.3	261.3	26.2	91.9	14.8	1.2
333087	Concentrate	227.2	17	0.44	146	0.109	6.20	0.500	2.55	2.5	104.8	21.2	6	3.5	0.72	42.8	508.4	44.1	143.5	19.4	1.6
333089	Concentrate	255.6	16	0.49	235	0.117	6.24	0.535	2.50	2.9	102.1	20.5	5	3.4	0.50	44.4	618.8	49.7	159.5	21.5	1.8
333091	Concentrate	249.3	18	0.51	823	0.126	6.09	0.633	2.43	2.4	105.9	17.1	6	3.4	0.26	40.3	636.3	46.4	151.7	21.5	1.7



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Project: True Blue  
 Report Date: September 07, 2010

Page: 2 of 2 Part 3

CERTIFICATE OF ANALYSIS

WHI1000257.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	
333061	Concentrate	8.7	1.5	7.4	1.2	3.1	0.4	2.9	0.4	4.33	19.0	128.5	8.3	148.8	2.4	35.38
333063	Concentrate	26.5	3.8	16.4	2.6	6.2	0.7	4.3	0.6	5.81	20.7	159.6	8.3	139.4	4.5	36.77
333065	Concentrate	22.0	3.0	13.8	2.2	4.9	0.6	3.8	0.5	5.23	19.3	154.5	7.2	128.5	4.2	36.46
333067	Concentrate	9.5	1.7	9.1	1.6	4.7	0.7	4.4	0.6	3.31	25.3	150.2	13.0	224.2	2.1	29.76
333069	Concentrate	9.9	1.7	10.0	2.0	5.2	0.7	5.1	0.7	3.20	16.8	129.0	9.8	169.2	1.5	29.61
333071	Concentrate	11.8	1.7	9.2	1.6	3.7	0.5	2.7	0.3	1.59	19.5	58.4	7.1	123.9	1.2	30.28
333073	Concentrate	4.2	0.7	3.9	0.8	2.0	0.3	1.7	0.2	1.25	20.7	69.9	2.8	58.53	1.7	23.88
333075	Concentrate	14.7	2.4	12.8	2.4	6.3	0.7	4.6	0.6	1.66	32.8	147.2	16.3	353.4	3.1	33.66
333077	Concentrate	3.4	0.5	1.8	0.3	0.8	0.1	0.9	0.1	1.22	74.0	113.9	0.4	7.20	4.8	20.21
333079	Concentrate	9.3	1.3	5.8	1.0	2.4	0.3	2.3	0.3	3.56	27.9	125.9	4.4	93.30	4.2	30.83
333081	Concentrate	5.7	1.0	4.8	0.9	2.2	0.2	1.9	0.2	2.11	33.1	127.7	4.2	84.16	6.5	21.89
333083	Concentrate	9.6	1.4	6.6	1.1	2.8	0.3	2.4	0.3	2.45	32.5	119.8	4.6	87.54	5.8	23.38
333085	Concentrate	10.4	1.5	7.5	1.2	3.0	0.4	2.6	0.3	2.48	33.3	116.4	4.4	86.51	5.3	22.11
333087	Concentrate	15.8	2.2	9.6	1.6	3.6	0.4	3.0	0.4	2.50	34.0	123.6	4.4	86.36	5.7	24.60
333089	Concentrate	16.7	2.4	10.4	1.7	4.1	0.5	3.3	0.4	2.37	33.3	118.1	4.5	89.63	5.3	24.69
333091	Concentrate	15.9	2.4	10.2	1.6	3.7	0.5	3.0	0.4	2.51	34.1	108.6	4.6	85.56	4.6	23.73



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 226 Cardinal Crescent  
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**Project:** True Blue  
**Report Date:** September 07, 2010

**Page:** 1 of 1 **Part** 1

QUALITY CONTROL REPORT

WHI10000257.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
Pulp Duplicates																					
333079	Concentrate	13.31	14.98	302.7	1226	36	21.4	4.3	2256	5.31	116.9	5.2	<0.1	22.9	31	8.29	4.17	0.31	100	0.15	0.064
REP 333079	QC	13.64	14.48	311.5	1281	<20	21.7	4.3	2252	5.43	121.4	5.3	<0.1	24.5	29	8.66	4.24	0.29	106	0.15	0.066
Reference Materials																					
STD OREAS24P	Standard	1.58	55.13	3.24	119.6	<20	154.0	46.9	1148	7.51	3.4	0.7	<0.1	2.9	375	0.19	0.15	<0.04	165	6.13	0.135
STD OREAS45P	Standard	2.18	754.9	24.09	149.7	286	403.0	126.1	1358	17.89	14.7	2.2	<0.1	10.2	34	0.23	0.99	0.25	277	0.32	0.046
STD OREAS24P Expected		1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83	0.136
STD OREAS45P Expected		2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3	0.047
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
Prep Wash																					
G1	Prep Blank	0.35	3.74	22.97	52.2	<20	3.4	4.9	771	2.41	3.4	3.4	<0.1	9.7	666	0.11	0.15	0.16	50	2.26	0.082
G1	Prep Blank	0.22	2.56	20.09	51.5	<20	3.6	5.3	797	2.48	5.2	3.4	<0.1	9.6	672	0.08	0.11	0.13	50	2.41	0.082



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**Project:** True Blue

**Report Date:** September 07, 2010

**Page:** 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI10000257.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
Pulp Duplicates																					
333079	Concentrate	111.1	19	0.61	1044	0.126	7.73	0.849	3.40	2.0	156.6	10.7	6	3.0	<0.04	23.7	217.9	23.5	80.2	12.1	1.4
REP 333079	QC	118.4	17	0.62	1054	0.142	7.41	0.885	3.49	2.4	165.3	11.2	6	2.9	<0.04	25.0	234.8	26.0	85.7	12.7	1.4
Reference Materials																					
STD OREAS24P	Standard	20.2	227	4.07	299	1.142	7.77	2.400	0.66	0.4	135.3	1.7	1	19.2	<0.04	22.9	40.58	5.2	20.9	4.9	1.7
STD OREAS45P	Standard	27.2	1140	0.20	305	1.091	6.77	0.078	0.34	1.0	152.6	2.8	<1	65.6	<0.04	14.5	55.47	6.2	22.6	4.2	1.1
STD OREAS24P Expected		17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7	1.6
STD OREAS45P Expected		24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5		67.1	0.03	13	48.9	6	23.2	4.24	1.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.31	<0.1	<0.1	<0.1	<0.1
Prep Wash																					
G1	Prep Blank	31.6	7	0.61	1025	0.267	6.93	2.575	3.18	0.1	12.4	1.6	2	5.2	<0.04	16.9	61.89	7.3	25.2	4.0	1.1
G1	Prep Blank	33.1	8	0.65	948	0.267	7.11	2.760	3.04	0.1	11.9	1.5	2	5.3	<0.04	17.8	65.39	7.5	25.4	3.8	1.1



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Project: True Blue

Report Date: September 07, 2010

Page: 1 of 1 Part 3

# QUALITY CONTROL REPORT

WHI10000257.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
Pulp Duplicates																
333079	Concentrate	9.3	1.3	5.8	1.0	2.4	0.3	2.3	0.3	3.56	27.9	125.9	4.4	93.30	4.2	30.83
REP 333079	QC	9.1	1.3	6.2	1.0	2.7	0.4	2.4	0.3	4.06	28.5	131.6	5.3	103.4	4.2	31.47
Reference Materials																
STD OREAS24P	Standard	5.1	0.9	4.7	0.9	2.3	0.3	1.9	0.3	3.55	8.3	21.6	1.1	19.60	0.8	20.09
STD OREAS45P	Standard	3.9	0.6	3.5	0.7	1.8	0.2	1.8	0.2	3.74	15.8	24.2	1.2	19.62	2.2	22.42
STD OREAS24P Expected		5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43
STD OREAS45P Expected		3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
Prep Wash																
G1	Prep Blank	3.2	0.5	3.0	0.7	1.8	0.3	1.8	0.3	0.77	35.0	119.3	1.6	24.19	4.3	18.63
G1	Prep Blank	3.8	0.5	2.9	0.6	1.7	0.3	1.9	0.3	0.68	35.7	114.7	1.4	24.37	4.1	19.28



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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: July 05, 2010  
Report Date: July 20, 2010  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000055.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-002  
P.O. Number  
Number of Samples: 13

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	13	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	13	Dry at 60C			WHI
1T	13	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
RJSV	13	Saving all or part of Soil Reject			WHI

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.  
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.  
\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.





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Project: True Blue  
 Report Date: July 20, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI1000055.1

	Method	1T																				
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001	
333002	Silt	15.17	9.41	46.84	178.0	<20	10.7	5.5	1176	3.94	35.3	10.1	<0.1	25.5	215	1.08	1.64	0.43	70	1.74	0.151	
333004	Silt	10.07	27.42	51.07	181.1	<20	8.4	8.0	1085	4.70	45.0	19.1	<0.1	57.6	134	0.87	1.16	0.85	42	0.81	0.062	
333006	Silt	16.03	18.30	31.04	119.6	<20	13.1	11.1	1307	5.67	12.7	19.0	<0.1	45.0	257	0.51	1.06	0.43	81	2.19	0.114	
333008	Silt	5.64	42.63	111.2	128.4	<20	36.6	17.3	851	6.11	363.3	4.5	<0.1	19.9	152	0.68	3.53	0.57	143	1.90	0.145	
333010	Silt	10.26	28.40	115.0	768.2	<20	4.9	5.0	2133	6.79	24.7	5.7	<0.1	37.3	59	3.13	2.44	0.73	15	0.41	0.057	
333012	Silt	12.61	19.79	26.71	375.6	*	4.3	5.3	4798	8.03	22.5	5.3	<0.1	42.1	36	2.19	2.65	0.17	13	0.31	0.045	
333014	Silt	17.24	18.21	67.96	581.9	<20	5.4	5.0	2519	7.61	30.2	6.5	<0.1	46.2	50	2.62	3.06	0.31	17	0.45	0.059	
333016	Silt	1.61	43.02	29.28	101.1	110	53.4	28.7	795	5.75	30.7	2.0	<0.1	15.9	153	0.36	2.27	0.54	105	2.02	0.088	
333018	Silt	2.86	22.84	60.89	243.7	1151	35.7	16.0	597	3.64	19.0	2.1	<0.1	7.5	162	1.26	3.80	0.49	115	9.77	0.091	
333020	Silt	4.40	35.86	56.59	158.6	*	43.5	19.8	747	6.73	154.0	3.9	<0.1	18.2	174	0.84	3.09	0.62	183	1.84	0.121	
333022	Silt	1.24	36.16	36.87	113.9	137	51.5	24.5	678	5.22	104.1	2.0	<0.1	15.6	154	0.42	2.29	3.54	97	3.24	0.084	
333024	Silt	10.59	13.95	21.94	91.4	<20	36.7	12.7	493	4.64	22.1	4.3	<0.1	20.4	109	0.31	1.58	0.72	150	2.29	0.153	
333026	Silt	9.24	33.53	47.03	204.1	292	32.3	13.2	2402	7.12	42.2	2.8	<0.1	22.8	102	0.86	2.87	0.79	79	1.60	0.109	



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Project: True Blue  
 Report Date: July 20, 2010

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

WHI1000055.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
333002	Silt	142.4	13	1.31	814	0.398	7.85	3.041	2.01	3.7	102.0	6.6	6	5.3	<0.04	56.0	264.4	27.7	99.7	16.0	2.0
333004	Silt	172.9	12	0.69	1288	0.450	7.45	2.585	3.28	7.4	155.8	9.1	8	5.7	<0.04	73.8	316.1	35.6	131.4	20.7	1.9
333006	Silt	155.0	28	1.23	942	0.755	8.02	2.792	2.40	6.1	119.6	14.9	8	9.5	<0.04	71.2	274.1	31.0	113.4	18.0	2.0
333008	Silt	240.7	46	1.21	795	0.356	7.45	1.614	2.26	41.7	73.6	8.3	4	9.0	0.13	38.4	412.9	41.4	141.6	19.1	2.6
333010	Silt	247.9	7	0.56	2131	0.200	6.46	0.949	3.60	2.9	224.3	8.3	5	2.6	0.17	44.5	490.9	51.0	180.8	27.3	2.4
333012	Silt	271.4	3	0.44	1338	0.181	7.01	0.233	3.42	3.3	344.4	8.9	6	1.7	0.35	50.7	567.5	53.1	196.7	29.9	3.4
333014	Silt	266.6	6	0.45	805	0.280	6.81	0.904	3.15	4.5	352.7	9.9	4	2.2	0.53	53.0	537.9	53.4	192.4	30.1	3.1
333016	Silt	62.1	83	0.97	643	0.192	8.11	0.537	2.92	0.7	57.0	2.4	3	14.1	0.09	10.7	133.6	16.4	64.2	10.3	1.7
333018	Silt	45.2	50	5.32	1434	0.212	4.83	0.435	1.58	1.2	49.6	2.5	1	8.0	0.08	14.5	78.99	9.5	35.3	5.0	1.2
333020	Silt	194.7	65	1.56	1059	0.301	7.54	0.830	2.32	2.7	79.9	7.7	3	10.8	0.10	29.1	343.8	35.4	126.0	16.4	2.5
333022	Silt	73.8	77	1.39	678	0.271	7.54	0.583	2.62	0.8	55.0	2.9	2	12.9	0.14	11.2	150.5	17.7	66.2	10.3	1.8
333024	Silt	138.1	58	1.87	663	0.283	6.70	1.302	1.87	2.4	80.0	4.7	3	8.7	0.04	31.7	258.6	27.8	102.8	15.9	1.8
333026	Silt	172.0	53	1.24	1649	0.276	7.05	0.834	3.15	1.9	142.1	4.1	3	7.1	0.23	30.1	338.0	36.6	139.2	20.6	2.9



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Project: True Blue  
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Page: 2 of 2 Part 3

CERTIFICATE OF ANALYSIS

WHI1000055.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
333002	Silt	14.2	2.0	12.0	2.1	5.7	0.7	5.1	0.7	2.80	27.8	78.9	8.5	201.3	3.3	29.25
333004	Silt	18.7	2.6	15.5	2.9	8.0	1.0	7.7	1.1	4.45	30.4	150.9	12.2	273.7	6.8	27.57
333006	Silt	15.6	2.4	13.7	2.7	7.2	1.0	7.0	0.9	3.46	34.9	131.0	9.3	209.1	6.0	27.60
333008	Silt	12.7	1.7	9.0	1.5	3.9	0.5	3.3	0.4	1.90	32.1	88.4	6.2	144.2	2.9	22.63
333010	Silt	20.1	2.5	10.9	1.8	4.5	0.6	4.0	0.5	4.88	29.1	120.1	7.9	204.1	1.7	32.64
333012	Silt	24.5	3.1	14.1	2.1	4.9	0.7	4.7	0.6	7.52	31.0	127.0	8.4	239.8	1.8	34.62
333014	Silt	22.6	2.8	13.5	2.0	5.4	0.7	4.9	0.6	7.74	27.1	112.1	12.9	357.5	1.4	33.18
333016	Silt	7.3	0.8	3.4	0.5	1.3	0.2	1.3	0.2	1.62	33.0	105.3	0.4	7.58	3.6	22.27
333018	Silt	3.8	0.5	2.8	0.5	1.1	0.2	1.2	0.2	1.29	31.2	65.4	0.4	12.05	2.5	11.25
333020	Silt	10.5	1.4	7.2	1.1	2.8	0.4	2.4	0.3	1.95	53.7	102.5	4.3	112.4	4.3	21.53
333022	Silt	7.6	0.8	3.4	0.5	1.2	0.2	1.3	0.2	1.56	42.2	95.2	0.5	9.27	3.5	20.29
333024	Silt	11.0	1.4	6.8	1.2	3.1	0.4	2.6	0.3	1.92	26.8	76.5	3.6	92.67	1.7	21.93
333026	Silt	14.3	1.8	7.6	1.1	2.7	0.3	2.7	0.3	3.19	28.5	105.7	2.5	64.22	2.1	23.70



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Saskatoon SK S7L 6H8 Canada

Project: True Blue

Report Date: July 20, 2010

Page: 1 of 1 Part 1

# QUALITY CONTROL REPORT

WHI1000055.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
Pulp Duplicates																					
333002	Silt	15.17	9.41	46.84	178.0	<20	10.7	5.5	1176	3.94	35.3	10.1	<0.1	25.5	215	1.08	1.64	0.43	70	1.74	0.151
REP 333002	QC	16.36	9.17	49.89	178.9	<20	11.3	5.9	1192	4.04	37.1	10.0	<0.1	24.4	218	1.12	1.68	0.39	69	1.73	0.150
Reference Materials																					
STD OREAS24P	Standard	1.65	51.33	3.00	124.2	103	153.5	51.6	1158	7.69	1.5	0.7	<0.1	2.7	394	0.18	0.10	<0.04	159	6.11	0.145
STD OREAS24P	Standard	1.76	54.91	3.31	127.3	42	163.7	55.0	1244	8.23	1.2	0.7	<0.1	3.0	444	0.15	0.11	<0.04	171	6.48	0.153
STD OREAS24P Expected		1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83	0.136
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001



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**Project:** True Blue  
**Report Date:** July 20, 2010

**Page:** 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI1000055.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
Pulp Duplicates																					
333002	Silt	142.4	13	1.31	814	0.398	7.85	3.041	2.01	3.7	102.0	6.6	6	5.3	<0.04	56.0	264.4	27.7	99.7	16.0	2.0
REP 333002	QC	151.4	14	1.34	855	0.388	8.14	3.050	2.06	3.4	108.0	6.5	6	5.1	<0.04	56.5	270.7	28.9	106.5	16.4	1.9
Reference Materials																					
STD OREAS24P	Standard	18.4	203	4.17	301	1.089	8.19	2.431	0.72	0.5	134.8	1.7	1	20.6	<0.04	21.7	37.20	4.9	21.6	5.1	1.6
STD OREAS24P	Standard	20.9	223	4.46	322	1.168	8.70	2.607	0.75	0.5	155.0	1.9	<1	21.6	<0.04	24.5	40.98	5.4	23.8	5.5	1.7
STD OREAS24P	Expected	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7	1.6
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1



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Report Date: July 20, 2010

Page: 1 of 1 Part 3

QUALITY CONTROL REPORT

WHI1000055.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
Pulp Duplicates																
333002	Silt	14.2	2.0	12.0	2.1	5.7	0.7	5.1	0.7	2.80	27.8	78.9	8.5	201.3	3.3	29.25
REP 333002	QC	14.4	2.1	11.5	2.2	5.8	0.8	4.9	0.6	2.80	27.9	81.9	8.8	211.5	3.4	29.30
Reference Materials																
STD OREAS24P	Standard	5.6	0.8	4.7	0.8	2.3	0.3	1.9	0.3	3.40	8.4	21.5	1.0	20.56	0.8	19.88
STD OREAS24P	Standard	6.1	0.9	4.8	1.0	2.4	0.3	2.0	0.3	3.92	9.1	24.6	1.1	23.71	0.9	21.08
STD OREAS24P	Expected	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	1.1	<0.1	<0.04	<0.1	<0.02



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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: July 12, 2010  
Report Date: July 26, 2010  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000099.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-009  
P.O. Number  
Number of Samples: 12

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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.

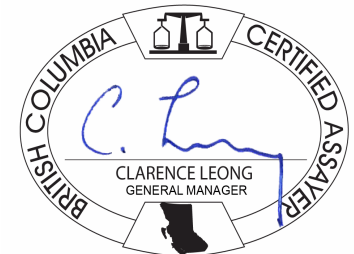
Invoice To: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	12	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	12	Dry at 60C			WHI
1T	12	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
RJSV	12	Saving all or part of Soil Reject			WHI

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
 Report Date: July 26, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI10000099.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
333028	Silt	3.51	32.38	71.13	210.3	127	43.3	16.8	686	4.24	34.8	3.5	<0.1	13.2	93	0.87	2.64	0.91	174	1.87	0.148
333030	Silt	4.13	25.43	44.74	151.0	<20	37.4	22.5	902	4.59	33.4	3.9	<0.1	16.1	134	0.65	1.95	0.56	163	1.83	0.169
333038	Silt	3.16	23.07	39.23	199.4	110	44.1	19.2	1103	3.81	18.8	3.3	<0.1	16.2	155	1.43	2.04	0.38	147	3.80	0.120
333040	Silt	5.88	19.60	138.1	170.7	*	25.7	9.6	737	3.93	116.5	3.6	<0.1	14.7	96	0.76	2.40	1.60	145	1.34	0.146
333042	Silt	4.73	22.93	28.31	124.6	<20	29.9	12.4	630	4.21	68.9	3.6	<0.1	18.5	165	0.42	1.78	0.31	139	2.48	0.098
333044	Silt	2.88	17.03	45.39	262.0	391	30.3	8.2	656	2.04	12.3	2.7	<0.1	6.3	118	1.16	3.83	2.11	83	12.61	0.077
333046	Silt	6.14	23.45	26.73	154.4	298	51.1	16.7	1080	5.00	17.7	3.4	<0.1	10.5	145	0.40	3.34	0.80	237	2.79	0.172
333048	Silt	1.70	20.61	14.28	81.6	66	33.6	17.6	718	3.92	17.2	1.7	<0.1	13.7	165	0.23	1.22	0.22	89	6.21	0.090
333054	Silt	4.15	35.22	43.24	248.0	194	45.6	13.0	533	8.79	98.8	2.8	<0.1	10.1	61	1.03	3.03	1.44	234	1.83	0.119
333056	Silt	2.17	28.56	24.82	169.9	<20	40.7	16.6	502	5.06	81.2	3.0	<0.1	14.5	386	0.62	1.00	1.36	116	1.40	0.092
333058	Silt	4.22	21.01	39.96	162.9	<20	34.9	11.1	309	3.24	45.1	3.2	<0.1	15.5	115	0.79	1.55	0.79	167	0.79	0.112
333060	Silt	32.20	90.29	614.2	3942	3291	88.5	24.0	>10000	6.84	755.8	23.1	<0.1	50.9	62	35.01	21.43	4.32	192	0.49	0.093





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Project: True Blue  
 Report Date: July 26, 2010

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

WHI1000099.1

	Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
	Analyte	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Unit																				
	MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
333028	Silt	116.7	47	1.59	1546	0.477	5.78	0.893	1.98	2.8	107.2	3.3	2	8.0	<0.04	21.2	203.2	19.2	71.8	9.9	1.5
333030	Silt	129.2	49	1.45	1427	0.798	6.68	1.496	2.02	3.6	113.3	4.2	3	9.4	<0.04	28.3	236.1	23.5	88.1	12.9	2.0
333038	Silt	108.2	48	1.27	1278	0.497	6.21	1.045	2.18	2.6	130.1	3.2	3	8.3	<0.04	22.6	201.4	20.5	78.0	11.4	1.7
333040	Silt	95.7	36	1.02	1545	0.586	7.16	1.899	2.96	12.7	105.6	5.5	2	7.4	<0.04	25.4	172.0	16.6	62.0	9.0	1.2
333042	Silt	131.3	44	1.34	895	0.503	7.04	1.842	2.28	2.8	107.6	6.7	3	8.5	<0.04	31.8	248.5	24.5	91.7	13.0	1.7
333044	Silt	29.8	27	10.40	1092	0.160	2.69	0.193	0.77	3.3	57.9	2.3	1	4.1	<0.04	13.4	50.68	6.0	21.7	3.4	0.6
333046	Silt	80.8	57	3.43	1724	0.420	6.02	0.511	1.81	7.6	73.4	2.1	2	9.0	<0.04	18.0	139.8	14.0	53.8	7.9	1.3
333048	Silt	82.9	51	2.41	926	0.349	7.31	0.434	2.43	1.1	90.2	2.0	2	10.0	0.04	14.6	150.6	15.9	61.9	9.2	1.5
333054	Silt	61.3	52	1.56	1246	0.427	5.29	0.476	1.90	3.5	83.5	3.7	2	7.7	0.04	15.2	122.4	13.2	50.5	7.7	1.1
333056	Silt	69.7	60	1.22	720	0.498	7.62	1.242	2.08	18.9	49.4	4.0	3	11.6	<0.04	25.0	152.4	16.5	66.5	11.0	1.8
333058	Silt	86.6	46	1.09	1169	0.394	5.89	1.132	1.83	2.8	105.8	3.8	2	7.6	<0.04	17.1	170.1	17.7	70.5	9.9	1.2
333060	Silt	749.1	25	0.57	218	0.183	6.39	0.630	2.15	3.2	135.5	19.4	10	5.5	1.11	109.5	1475	138.4	474.8	73.1	4.6



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Project: True Blue  
 Report Date: July 26, 2010

Page: 2 of 2 Part 3

CERTIFICATE OF ANALYSIS

WHI1000099.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
333028	Silt	6.1	0.9	4.7	0.8	2.1	0.3	1.8	0.3	2.79	18.9	72.6	2.6	46.83	3.3	16.44
333030	Silt	8.4	1.2	6.4	1.1	2.9	0.3	2.4	0.3	2.85	22.3	73.0	4.8	88.97	3.7	19.22
333038	Silt	7.8	1.0	4.9	0.9	2.2	0.3	2.0	0.3	2.88	18.9	79.5	3.3	60.98	3.2	17.62
333040	Silt	6.4	1.0	5.3	1.0	2.6	0.3	2.4	0.4	2.64	23.7	96.2	5.2	100.9	6.5	21.31
333042	Silt	9.6	1.3	6.8	1.2	3.3	0.4	2.8	0.4	2.58	23.3	85.3	6.5	120.0	2.8	21.99
333044	Silt	2.8	0.4	2.0	0.4	1.0	0.1	0.9	0.1	1.24	15.8	35.7	1.0	27.57	2.3	6.13
333046	Silt	5.3	0.7	3.4	0.6	1.5	0.2	1.4	0.2	2.03	41.5	68.5	0.9	15.76	2.8	15.85
333048	Silt	5.2	0.7	3.4	0.6	1.3	0.2	1.3	0.2	2.27	22.6	86.1	1.7	29.43	2.8	18.73
333054	Silt	5.0	0.7	3.0	0.5	1.4	0.2	1.4	0.2	2.14	17.1	72.9	1.4	26.51	4.1	15.75
333056	Silt	7.5	1.1	5.6	1.0	2.9	0.4	2.6	0.3	1.19	34.4	85.3	2.1	36.76	10.4	21.82
333058	Silt	6.2	0.9	4.1	0.7	1.6	0.2	1.5	0.2	2.46	22.9	62.7	2.9	56.40	4.2	17.70
333060	Silt	44.9	6.5	27.6	4.0	9.0	1.0	6.6	0.9	3.10	25.9	90.3	5.2	98.24	6.9	24.03



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Project: True Blue

Report Date: July 26, 2010

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI10000099.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
Reference Materials																				
STD OREAS24P Standard	1.51	46.72	2.77	115.1	42	150.5	45.7	1158	7.69	1.0	0.6	<0.1	2.6	377	0.14	0.08	<0.04	162	5.88	0.129
STD OREAS24P Standard	1.54	47.67	2.37	115.4	<20	155.0	48.2	1170	7.63	0.9	0.6	<0.1	2.5	381	0.13	0.07	<0.04	161	5.87	0.127
STD OREAS24P Expected	1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83	0.136
BLK Blank	<0.05	0.16	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001



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**Project:** True Blue  
**Report Date:** July 26, 2010

**Page:** 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI10000099.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
Reference Materials																				
STD OREAS24P Standard	17.2	196	4.18	263	1.080	8.46	2.408	0.68	0.5	140.9	1.4	1	19.1	<0.04	20.1	36.46	4.5	21.4	4.8	1.5
STD OREAS24P Standard	17.7	203	4.16	267	1.118	8.48	2.419	0.72	0.4	142.8	1.5	<1	20.2	<0.04	20.6	37.25	4.6	21.5	4.7	1.5
STD OREAS24P Expected	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7	1.6
BLK Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.59	<0.1	<0.1	<0.1	<0.1



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Report Date: July 26, 2010

Page: 1 of 1 Part 3

## QUALITY CONTROL REPORT

WHI1000099.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
Reference Materials																
STD OREAS24P	Standard	4.4	0.7	4.6	0.8	2.1	0.3	1.5	0.2	3.69	9.0	22.5	1.2	20.18	0.8	20.18
STD OREAS24P	Standard	4.5	0.7	4.2	0.8	2.0	0.2	1.6	0.2	3.36	7.7	21.3	1.1	20.87	0.8	20.28
STD OREAS24P	Expected	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	1.0	<0.1	<0.04	<0.1	<0.02



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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: August 06, 2010  
Report Date: August 25, 2010  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000256.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-011  
P.O. Number  
Number of Samples: 16

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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: Great Western Minerals Group Ltd.  
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Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	16	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	16	Dry at 60C			WHI
1T	16	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
 Report Date: August 25, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI10000256.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	MDL	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
333062	Silt	6.21	18.75	39.85	148.3	<20	13.5	10.9	797	4.74	12.1	3.0	<0.1	17.8	142	0.80	2.45	0.13	78	0.87	0.090
333064	Silt	8.53	49.33	63.74	6879	*	71.8	11.0	4470	6.00	27.2	4.0	<0.1	21.4	44	60.39	7.02	0.27	48	0.59	0.067
333066	Silt	7.60	42.42	56.62	6070	*	66.2	10.5	4207	5.41	22.0	3.8	<0.1	21.6	47	52.04	5.72	0.23	47	0.71	0.066
333068	Silt	16.18	29.15	48.36	162.8	<20	13.8	12.9	2722	5.07	16.4	20.2	<0.1	38.4	359	1.40	1.03	0.51	61	1.66	0.087
333070	Silt	6.90	19.04	62.28	206.4	*	40.3	13.1	1061	5.37	27.5	11.4	<0.1	29.0	254	0.90	1.13	0.22	96	2.70	0.097
333072	Silt	11.68	10.11	36.17	169.4	<20	16.6	7.9	1476	5.02	19.4	5.1	<0.1	18.4	83	1.09	2.22	0.53	109	1.12	0.281
333074	Silt	7.03	8.03	7.42	100.6	<20	35.8	9.2	529	3.85	5.6	9.4	<0.1	15.8	149	0.36	0.84	0.28	278	0.88	0.140
333076	Silt	22.37	14.75	24.29	106.3	*	24.3	15.7	1166	6.93	18.5	5.5	<0.1	27.2	58	0.63	2.20	0.86	86	0.59	0.118
333078	Silt	8.89	36.68	79.26	140.7	481	45.0	13.8	380	4.04	148.4	3.0	<0.1	10.8	145	0.81	3.86	0.46	304	0.69	0.068
333080	Silt	11.55	9.75	105.4	759.1	*	15.8	5.1	1880	5.68	29.5	5.1	<0.1	21.6	103	4.79	1.87	0.27	75	0.65	0.074
333082	Silt	17.06	17.67	135.9	712.0	*	40.1	5.8	2026	5.81	296.5	9.4	<0.1	24.3	47	4.71	6.48	0.58	401	0.75	0.105
333084	Silt	17.45	56.15	765.5	730.4	5720	20.5	7.1	2136	7.90	1433	17.4	<0.1	47.8	52	3.39	38.63	6.95	284	0.30	0.115
333086	Silt	21.45	80.48	787.9	771.8	6070	21.4	12.1	3656	9.47	1289	26.4	<0.1	85.0	49	3.56	39.39	10.73	240	0.31	0.112
333088	Silt	29.56	82.87	725.0	2224	5261	49.4	15.7	8426	8.38	1255	21.3	<0.1	55.0	49	21.25	36.70	6.42	222	0.35	0.099
333090	Silt	71.70	124.8	858.9	5819	7086	141.1	32.2	>10000	8.08	1148	32.1	<0.1	58.5	56	72.12	46.03	7.08	209	0.45	0.099
333092	Silt	37.02	91.62	640.5	4677	3700	103.3	26.1	>10000	6.64	850.0	23.1	<0.1	45.5	65	50.04	26.41	4.57	199	0.53	0.098



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Project: True Blue  
 Report Date: August 25, 2010

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

WHI10000256.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	
333062	Silt	79.8	19	0.77	1941	0.433	7.45	0.694	2.93	2.2	186.4	6.1	3	6.6	0.09	25.1	166.5	18.6	67.1	10.5	1.1
333064	Silt	601.7	17	0.69	163	0.324	7.01	0.213	3.21	3.7	265.0	8.7	8	3.8	1.62	102.6	397.4	105.7	374.0	51.1	4.9
333066	Silt	539.1	17	0.74	169	0.313	6.96	0.222	3.84	3.3	242.6	8.2	9	3.9	1.22	97.4	388.9	99.1	353.7	49.3	4.7
333068	Silt	105.2	18	1.03	908	0.452	7.69	2.543	2.30	5.5	116.3	9.0	8	6.8	<0.04	62.6	217.1	24.1	89.7	15.5	1.5
333070	Silt	94.3	102	1.54	851	0.581	6.66	2.263	1.82	3.2	129.4	8.3	8	10.7	<0.04	62.2	192.6	22.6	85.3	14.6	1.6
333072	Silt	120.1	17	2.56	602	0.666	7.11	2.292	1.85	6.8	190.9	7.5	4	7.7	0.06	39.7	255.4	29.5	110.5	17.3	2.2
333074	Silt	49.6	50	1.63	571	0.292	6.72	1.999	1.74	4.7	82.3	5.8	4	9.4	0.04	24.0	96.86	11.6	43.0	7.4	1.1
333076	Silt	151.0	21	0.81	743	0.235	7.07	1.477	3.68	6.5	61.8	5.6	5	5.3	0.43	40.8	302.2	32.0	117.8	17.6	2.0
333078	Silt	50.1	59	0.79	807	0.210	7.61	0.525	2.12	1.1	47.7	7.0	2	11.3	0.10	8.1	91.82	11.6	43.9	6.6	1.0
333080	Silt	109.4	23	0.92	1252	0.270	9.08	0.939	4.37	2.9	245.3	8.2	8	4.8	0.07	29.9	218.5	23.7	90.9	13.8	1.4
333082	Silt	97.3	21	0.58	42	0.225	7.20	0.190	3.47	4.7	206.8	14.7	5	4.1	3.13	30.2	214.9	23.2	82.8	13.3	1.3
333084	Silt	162.1	22	0.44	79	0.167	6.83	0.427	2.96	3.9	167.7	27.1	7	4.6	1.91	39.1	381.3	39.3	145.9	23.5	1.8
333086	Silt	179.2	19	0.40	72	0.144	6.64	0.442	2.60	3.3	149.3	23.5	8	6.0	2.12	42.2	481.2	47.8	185.0	30.4	2.0
333088	Silt	365.9	17	0.43	63	0.136	6.53	0.499	2.49	3.1	135.1	24.7	8	4.9	2.22	64.9	766.0	70.1	258.9	38.2	2.6
333090	Silt	891.3	22	0.53	115	0.136	6.76	0.506	2.30	3.0	135.6	23.2	12	5.4	2.10	107.0	1621	143.5	474.3	70.1	4.6
333092	Silt	755.3	25	0.62	159	0.154	6.34	0.671	2.22	3.0	123.0	19.2	10	5.8	1.27	94.2	1548	122.6	424.9	60.7	3.9





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Project: True Blue  
 Report Date: August 25, 2010

Page: 2 of 2 Part 3

CERTIFICATE OF ANALYSIS

WHI10000256.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
333062	Silt	8.2	1.1	6.1	1.0	2.6	0.3	2.4	0.3	4.09	17.1	82.3	6.6	125.5	2.3	28.75
333064	Silt	50.6	5.6	25.4	3.6	7.6	0.8	5.4	0.7	5.87	20.4	115.6	8.8	154.5	3.5	33.48
333066	Silt	51.3	5.3	24.6	3.4	6.8	0.8	5.1	0.7	5.40	18.6	129.0	7.8	141.5	3.3	31.91
333068	Silt	14.0	2.1	13.1	2.3	6.3	0.8	5.9	0.8	2.88	34.0	89.3	7.9	155.1	5.1	29.80
333070	Silt	13.2	2.1	13.2	2.4	6.1	0.9	6.5	0.9	3.87	36.5	65.7	8.3	155.7	4.2	25.70
333072	Silt	13.9	1.9	10.4	1.7	4.1	0.5	3.5	0.5	4.63	23.7	34.8	6.4	123.2	2.0	31.65
333074	Silt	6.5	0.9	5.4	0.9	2.4	0.3	2.1	0.3	2.19	30.4	64.3	2.6	58.34	4.9	27.04
333076	Silt	12.5	1.6	9.2	1.6	4.0	0.5	3.3	0.4	1.41	26.3	114.9	8.2	171.3	4.1	27.84
333078	Silt	4.2	0.4	2.1	0.3	0.7	0.1	0.9	0.1	1.16	63.5	90.7	0.5	8.80	5.4	19.60
333080	Silt	10.7	1.3	7.3	1.2	2.9	0.4	2.6	0.4	5.32	33.9	140.8	6.5	133.3	11.3	43.33
333082	Silt	9.7	1.4	7.3	1.2	3.1	0.4	2.6	0.3	4.48	37.9	141.3	7.6	148.2	17.6	29.62
333084	Silt	16.1	2.1	11.2	1.6	3.9	0.5	3.6	0.5	3.87	31.6	123.3	6.2	119.7	10.7	27.83
333086	Silt	20.4	2.5	13.2	1.9	4.4	0.6	3.9	0.5	3.28	29.4	111.8	5.4	105.4	8.8	24.76
333088	Silt	28.4	3.4	17.2	2.5	5.5	0.7	4.4	0.5	3.24	31.2	102.1	5.2	98.01	8.3	22.55
333090	Silt	50.8	6.2	30.4	4.3	8.8	1.0	7.0	0.9	2.87	30.6	97.3	5.0	96.91	8.0	23.32
333092	Silt	43.9	5.5	26.8	3.8	7.9	0.9	6.4	0.8	2.98	30.6	90.2	4.8	86.15	7.2	22.47



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Project: True Blue

Report Date: August 25, 2010

Page: 1 of 1 Part 1

# QUALITY CONTROL REPORT

WHI10000256.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
Pulp Duplicates																					
333062	Silt	6.21	18.75	39.85	148.3	<20	13.5	10.9	797	4.74	12.1	3.0	<0.1	17.8	142	0.80	2.45	0.13	78	0.87	0.090
REP 333062	QC	6.38	17.90	40.29	146.5	<20	12.2	10.8	771	4.67	11.5	2.9	<0.1	17.6	142	0.92	2.38	0.11	77	0.81	0.087
Reference Materials																					
STD OREAS24P	Standard	1.47	44.42	2.61	115.0	78	137.3	44.1	1130	7.54	1.5	0.7	<0.1	2.7	397	0.12	0.07	<0.04	167	6.08	0.140
STD OREAS24P	Standard	1.45	45.42	2.66	113.3	80	136.8	45.2	1134	7.43	0.5	0.7	<0.1	2.9	397	0.17	0.06	<0.04	167	6.07	0.138
STD OREAS24P	Standard	1.50	51.64	2.80	116.5	31	143.3	45.4	1111	7.60	0.9	0.6	<0.1	2.6	383	0.18	0.09	<0.04	164	6.04	0.138
STD OREAS24P	Standard	1.51	53.15	2.54	120.2	<20	149.5	47.5	1122	7.62	2.3	0.6	<0.1	2.5	387	0.16	0.08	<0.04	164	6.07	0.141
STD OREAS24P Expected		1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83	0.136
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001



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**Project:** True Blue  
**Report Date:** August 25, 2010

**Page:** 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI10000256.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
Pulp Duplicates																					
333062	Silt	79.8	19	0.77	1941	0.433	7.45	0.694	2.93	2.2	186.4	6.1	3	6.6	0.09	25.1	166.5	18.6	67.1	10.5	1.1
REP 333062	QC	78.2	20	0.74	1912	0.420	7.02	0.645	2.77	2.0	184.8	5.9	4	6.2	0.09	24.6	161.3	18.1	65.6	10.4	1.0
Reference Materials																					
STD OREAS24P	Standard	17.2	182	4.22	301	1.035	7.64	2.335	0.72	0.4	140.1	1.6	1	19.8	<0.04	20.2	34.56	4.5	20.4	4.7	1.5
STD OREAS24P	Standard	17.5	181	4.23	305	1.035	7.66	2.322	0.72	0.5	140.1	1.4	1	19.8	<0.04	20.2	35.54	4.8	21.1	4.8	1.5
STD OREAS24P	Standard	17.7	196	4.10	267	1.077	7.83	2.352	0.66	0.5	137.4	1.6	<1	19.3	<0.04	22.8	37.39	4.8	20.7	4.6	1.5
STD OREAS24P	Standard	18.1	198	4.14	274	1.075	7.87	2.376	0.67	0.5	138.1	1.6	1	18.8	<0.04	22.6	37.01	4.9	21.5	4.5	1.4
STD OREAS24P Expected		17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7	1.6
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1



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**Project:** True Blue

**Report Date:** August 25, 2010

**Page:** 1 of 1 Part 3

# QUALITY CONTROL REPORT

WHI10000256.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
Pulp Duplicates																
333062	Silt	8.2	1.1	6.1	1.0	2.6	0.3	2.4	0.3	4.09	17.1	82.3	6.6	125.5	2.3	28.75
REP 333062	QC	8.6	1.1	6.0	1.1	2.5	0.3	2.3	0.3	3.85	17.5	80.2	6.4	120.9	2.2	27.92
Reference Materials																
STD OREAS24P	Standard	5.0	0.7	4.6	0.8	1.9	0.2	1.6	0.2	3.44	8.4	20.5	1.1	19.40	0.9	20.13
STD OREAS24P	Standard	5.4	0.8	4.9	0.8	2.1	0.3	1.7	0.2	3.53	8.5	20.0	1.1	19.48	0.9	20.06
STD OREAS24P	Standard	5.2	0.7	4.6	0.8	1.9	0.2	1.7	0.2	3.32	8.1	22.6	1.1	19.94	0.8	19.34
STD OREAS24P	Standard	4.9	0.8	4.6	0.8	2.0	0.3	1.7	0.2	3.32	9.1	21.9	1.0	20.35	0.8	20.11
STD OREAS24P	Expected	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	0.10
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02

## APPENDIX 2

## Soil Sample Analytical Certificates.

Soil samples with coordinates given using NAD83 UTM Zone 8

Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
26551	637,695	6,820,235	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26552	637,737	6,820,238	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26553	637,780	6,820,270	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26554	637,829	6,820,286	Ridge	Well	0.1	B	Silty	Dark Brown	Angular	Minor
26555	637,407	6,821,991	Slope	Well	0.1	B	Silty	Black	Angular	Minor
26556	637,471	6,822,014	Slope	Well	0.1	B	Silty	Black	Angular	Minor
26557	637,535	6,821,959	Slope	Well	0.1	B	Silty	Black	Angular	Minor
26558	637,671	6,821,912	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26559	637,756	6,821,818	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26560	637,897	6,821,672	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26561	637,947	6,821,680	Slope	Well	0.1	B	Silty	Dark Brown	Angular	Minor
26562	638,044	6,821,660	Slope	Well	0.1	B	Silty	Grey	Angular	Minor
26563	627,107	6,826,858	Steep	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26564	627,133	6,826,852	Steep	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26565	627,158	6,826,843	Steep	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26566	627,183	6,826,837	Steep	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26567	627,218	6,826,821	Steep	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26568	627,234	6,826,811	Steep	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26569	627,268	6,826,809	Steep	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26570	627,294	6,826,811	Steep	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26571	627,321	6,826,810	Steep	Well	0.1	B	Silty	Orange brown	Angular	Minor
26572	627,344	6,826,813	Steep	Well	0.1	B	Silty	Dark Brown	Angular	Minor
26573	627,372	6,826,809	Steep	Well	0.1	B	Silty	Dark Brown	Angular	Minor
26574	627,390	6,826,829	Steep	Well	0.1	B	Silty	Dark Brown	Angular	Minor
26575	627,419	6,826,835	Ridge	Well	0.1	B	Silty	Dark Brown	Angular	Minor
26576	627,446	6,826,829	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26577	627,466	6,826,810	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26578	627,488	6,826,797	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26579	627,510	6,826,784	Ridge	Well	0.1	B	Silty	Dark Brown	Angular	Minor
26580	627,538	6,826,767	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26581	627,564	6,826,760	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26582	627,592	6,826,754	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26583	627,621	6,826,742	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26584	627,647	6,826,740	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26585	627,676	6,826,737	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26586	627,704	6,826,731	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26587	627,732	6,826,728	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26588	627,763	6,826,732	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26589	627,791	6,826,736	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26590	627,815	6,826,754	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26591	627,837	6,826,770	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26592	627,855	6,826,791	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26593	627,876	6,826,811	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26594	627,898	6,826,828	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26595	627,914	6,826,848	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26596	628,004	6,828,934	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26597	628,020	6,828,951	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26598	628,032	6,828,972	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26599	628,049	6,828,990	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26600	628,065	6,829,013	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26601	627,915	6,829,155	Slight	Well	0.15	B	Silty	Tan	Angular	Minor
26602	627,950	6,829,190	Slight	Well	0.15	B	Silty	Light Brown	Angular	Minor

Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
26603	627,970	6,829,240	Slight	Well	0.15	B	Silty	Light Brown	Angular	Minor
26604	627,968	6,829,291	Slight	Well	0.15	B	Silty	Light Brown	Angular	Minor
26605	627,937	6,829,331	Slight	Well	0.15	B	Silty	Light Brown	Angular	Minor
26606	627,909	6,829,378	Slight	Well	0.15	B	Silty	Brown	Angular	Minor
26607	627,901	6,829,431	Slight	Well	0.15	B	Silty	Brown	Angular	Minor
26608	627,893	6,829,484	Slight	Well	0.15	B	Silty	Brown	Angular	Minor
26609	627,846	6,829,508	Slight	Well	0.15	B	Silty	Brown	Angular	Minor
26610	627,808	6,829,548	Slight	Well	0.15	B	Silty	Grey	Angular	Minor
26611	627,784	6,829,589	Slight	Well	0.15	B	Silty	Grey	Angular	Minor
26612	627,752	6,829,632	Slight	Well	0.15	B	Silty	Light Brown	Angular	Minor
26613	627,747	6,829,684	Slight	Well	0.15	B	Silty	Light Brown	Angular	Minor
26614	627,709	6,829,717	Slight	Well	0.15	B	Silty	red brown	Angular	Minor
26615	627,666	6,829,718	Slight	Well	0.15	B	Silty	red brown	Angular	Minor
26616	627,613	6,829,703	Slight	Well	0.15	B	Silty	red brown	Angular	Minor
26617	627,561	6,829,687	Slight	Well	0.15	B	Silty	Brown	Angular	Minor
26618	627,508	6,829,668	Slight	Well	0.15	B	Silty	Light Brown	Angular	Minor
26619	627,459	6,829,647	Slight	Well	0.15	B	Silty	Light Brown	Angular	Minor
26620	627,474	6,829,697	Slight	Well	0.15	B	Silty	Light Brown	Angular	Minor
26621	627,438	6,829,736	Slight	Well	0.15	B	Silty	Light Brown	Angular	Minor
26622	627,389	6,829,716	Slight	Well	0.15	B	Silty	Brown	Angular	Minor
26623	627,340	6,829,730	Slight	Well	0.15	B	Silty	Brown	Angular	Minor
26624	627,415	6,829,614	Slight	Well	0.15	B	Silty	Brown	Angular	Minor
26625	627,382	6,829,573	Slight	Well	0.15	B	Silty	Grey brown	Angular	Minor
26626	627,333	6,829,551	Slight	Well	0.15	B	Silty	Grey	Angular	Minor
26627	627,285	6,829,540	Slight	Well	0.15	B	Silty	Grey	Angular	Minor
26628	627,233	6,829,543	Slight	Well	0.15	B	Silty	Brown	Angular	Minor
26629	627,183	6,829,551	Slight	Well	0.15	B	Silty	Light Brown	Angular	Minor
26630	627,131	6,829,561	Slight	Well	0.15	B	Silty	Brown	Angular	Minor
26631	637,048	6,820,248	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26632	637,033	6,820,278	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26633	637,019	6,820,302	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26634	637,012	6,820,328	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26635	636,995	6,820,353	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26636	636,988	6,820,381	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26637	636,974	6,820,404	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26638	636,947	6,820,422	Ridge	Moderate	0.15	B	Silty	Brown	Angular	Minor
26639	636,935	6,820,445	Ridge	Moderate	0.15	B	Silty	Brown	Angular	Minor
26640	636,910	6,820,455	Ridge	Moderate	0.15	B	Silty	Brown	Angular	Minor
26641	636,883	6,820,464	Ridge	Moderate	0.15	B	Silty	Brown	Angular	Minor
26642	636,802	6,820,680	Ridge	Moderate	0.15	B	Silty	Brown	Angular	Minor
26643	636,804	6,820,650	Ridge	Moderate	0.15	B	Silty	Brown	Angular	Minor
26644	636,806	6,820,620	Ridge	Moderate	0.15	B	Silty	Brown	Angular	Minor
26645	636,798	6,820,591	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26646	636,783	6,820,566	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26647	636,785	6,820,535	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26648	636,778	6,820,588	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26649	636,782	6,820,471	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26650	636,789	6,820,445	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26651	627,700	6,829,100	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	Minor
26652	627,723	6,829,082	Ridge	Well	0.1	B	Clay	Brown	Angular	Minor
26653	627,745	6,829,061	Ridge	Well	0.1	B	Clay	Brown	Angular	Minor
26654	627,769	6,829,041	Ridge	Well	0.1	B	Clay	Brown	Angular	Minor
26655	627,790	6,829,020	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26656	627,815	6,829,000	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	Yes
26657	627,838	6,828,981	Ridge	Well	0.12	B	Clay	Med. Brown	Angular	Yes
26658	627,863	6,828,963	Slope	Well	0.15	B	Silty	Med. Brown	Angular	No
26659	627,888	6,828,945	Slope	Well	0.15	B	Silty	Brown	Angular	No
26660	627,914	6,828,929	Slope	Well	0.1	B	Silty	Med. Brown	Angular	No
26661	627,940	6,828,914	Slope	Well	0.15	B	Silty	Brown	Angular	No
26662	627,966	6,828,899	Slope	Well	0.15	B	Clay	Dark Brown	Angular	Minor
26663	627,994	6,828,886	Slope	Well	0.15	B	Silty	Dark Brown	Angular	Yes
26664	628,023	6,828,878	Slope	Well	0.1	B	Silty	Orange	Angular	Minor
26665	628,052	6,828,875	Slope	Well	0.03	B	Silty	Orange	Angular	No
26666	628,080	6,828,862	Slope	Well	0.2	B	Sand	Orange	Angular	No

Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
26667	628,107	6,828,848	Slope	Well	0.2	B	Sand	Brown	Angular	Yes
26668	628,133	6,828,836	Slope	Well	0.2	B	Sand	Dark Brown	Angular	Yes
26669	628,161	6,828,823	Slope	Well	0.2	B	Sand	Med. Brown	Angular	Minor
26670	628,187	6,828,809	Slope	Well	0.2	B	Sand	Brown	Angular	Yes
26671	628,215	6,828,800	Slope	Well	0.15	B	Sand	Med. Brown	Angular	Minor
26672	628,239	6,828,781	Slope	Well	0.15	B	Clay	Dark Brown	Angular	Yes
26673	628,263	6,828,759	Slope	Well	0.15	B	Clay	Dark Brown	Angular	Minor
26674	628,290	6,828,770	Slope	Well	0.1	B	Clay	tan	Angular	Minor
26675	628,311	6,828,750	Slope	Well	0.1	B	Clay	Orange	Angular	Minor
26676	628,335	6,828,736	Slope	Well	0.1	B	Silty	Grey	Angular	Minor
26677	628,349	6,828,709	Slope	Well	0.1	B	Silty	Grey	Angular	Minor
26678	628,378	6,828,709	Slope	Well	0.1	B	Silty	Grey	Angular	Minor
26679	628,404	6,828,694	Slope	Well	0.15	B	Sand	Dark Brown	Angular	Yes
26680	628,430	6,828,685	Slope	Well	0.1	B	Sand	Light Grey	Angular	Yes
26681	628,457	6,828,676	Slope	Well	0.1	B	Sand	Light Grey	Angular	Yes
26682	628,492	6,828,693	Slope	Well	0.15	B	Sand	Orange/Grey	Angular	No
26683	628,519	6,828,677	Slope	Well		B	Clay	Grey/brown	Angular	Minor
26684	628,545	6,828,662	Slope	Well		B	Clay	Light Grey	Angular	Minor
26685	628,602	6,828,649	Slope	Well		B	Clay	Light Grey	Angular	Minor
26686	628,602	6,828,642	Slope	Well		B	Clay	Light Grey	Angular	Minor
26687	628,618	6,828,623	Slope	Well		B	Clay	Light Grey	Angular	Minor
26688	628,647	6,828,628	Slope	Well		B	Silty	Light Grey	Angular	Minor
26689	628,679	6,828,636	Slope	Well		B	Silty	Light Grey	Angular	Minor
26690	628,704	6,828,651	Slope	Well		B	Silty	Light Grey	Angular	Minor
26691	628,734	6,828,654	Slope	Well	0.25	B	Clay	dark Grey	Angular	Yes
26692	628,760	6,828,642	Slope	Well	0.2	B	Clay	dark Grey	Angular	Yes
26693	628,785	6,828,626	Slope	Well	0.2	B	Clay	dark Grey	Angular	Yes
26694	628,812	6,828,614	Slope	Well	0.15	B	Silty	Grey/brown	Angular	Yes
26695	628,831	6,828,591	Slope	Well	0.15	B	Silty	Grey/brown	Angular	Yes
26696	628,859	6,828,577	Slope	Well	0.15	B	Silty	Grey/brown	Angular	Yes
26697	628,882	6,828,559	Slope		0.15	B	Silty	Grey/brown	Angular	Yes
26698	627,990	6,828,910			0.1		Silty	Dark Brown	Angular	Minor
26699	627,978	6,828,883			0.1		Silty	Dark Brown	Angular	Minor
26700	627,969	6,828,854			0.1		Silty	Dark Brown	Angular	Minor
26701	627,959	6,828,826			0.1		Silty	Grey/brown	Angular	Minor
26702	627,950	6,828,798			0.1		Silty	d. brown/Black	Angular	Yes
26703	627,938	6,828,769			0.15		Silty	Light Brown	Angular	Yes
26704	627,929	6,828,741			0.15		Silty	Light Brown	Angular	Yes
26705	627,919	6,828,712			0.15		Silty	Light Brown	Angular	Yes
26706	627,909	6,828,684			0.25		Sand	Light Grey	Angular	Yes
26707	627,898	6,828,658			0.25		Sand	Light Grey	Angular	Yes
26708	627,889	6,828,629			0.25		Sand	Grey/tan	Angular	Yes
26709	627,879	6,828,601			0.25		Sand	Grey/tan	Angular	Yes
26710	627,869	6,828,571			0.25		Sand	Grey/tan	Angular	Yes
26711	627,898	6,828,565			0.25		Sand	Light Grey	Angular	Yes
26712	627,927	6,828,558			0.2		Sand	Light Grey	Angular	Yes
26713	627,957	6,828,550			0.2		Sand	Light Brown	Angular	Yes
26714	627,998	6,828,542			0.15		Silty	Dark Brown	Angular	Yes
26715	628,025	6,828,537			0.15		Silty	Dark Brown	Angular	Yes
26716	628,054	6,828,530			0.15		Silty	Dark Brown	Angular	Yes
26717	628,086	6,828,521			0.15		Silty	Dark Brown	Angular	Yes
26718	628,114	6,828,516			0.35		Silty	Dark Brown	Angular	Yes
26719	628,147	6,828,508					Silty	Grey	Angular	Yes
26720	628,163	6,828,540					Silty	Brown	Angular	Minor
26721	628,177	6,828,571					Silty	Light Grey	Angular	Yes
26722	628,188	6,828,598			0.15		Silty	Dark Brown	Angular	Yes
26723	628,201	6,828,628			0.15		Silty	Dark Brown	Angular	Yes
26724	628,211	6,828,654			0.15		Silty	Light Brown	Angular	Minor
26725	628,224	6,828,683			0.15		Silty	Light Brown	Angular	Minor
26726	628,234	6,828,710					Silty	Light Brown	Angular	Minor
26727	628,246	6,828,742			0.15		Silty	Brown	Angular	Yes
26728	628,256	6,828,765			0.1		Silty	Dark Brown	Angular	Minor
26729	628,266	6,828,794			0.1		Silty	Dark Brown	Angular	Minor
26730	628,277	6,828,821			0.1		Silty	Dark Brown	Angular	Minor

Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
26731	637,467	6,821,370			0.3		Silty	Dark Brown	Angular	Minor
26732	637,448	6,821,395					Silty	Brown	Angular	Minor
26733	637,431	6,821,420					Silty	Dark Brown	Angular	Minor
26734	637,415	6,821,446					Silty	Brown	Angular	Minor
26735	637,398	6,821,470					Silty	Brown	Angular	Minor
26736	637,381	6,821,495			0.2		Silty	Dark Brown	Angular	Minor
26737	637,363	6,821,519			0.2		Silty	Dark Brown	Angular	Minor
26738	637,347	6,821,545			0.2		Silty	Dark Brown	Angular	Minor
26739	637,329	6,821,569			0.2		Silty	Dark Brown	Angular	Minor
26740	637,313	6,821,594			0.1		Silty	Light Brown	Angular	Minor
26741	637,297	6,821,619			0.1		Silty	Light Brown	Angular	Minor
26742	637,281	6,821,644			0.1		Silty	Light Brown	Angular	Minor
26743	637,263	6,821,668			0.1		Silty	Light Brown	Angular	Minor
26744	637,246	6,821,692					Silty	Dark Brown	Angular	Minor
26745	637,227	6,821,718					Silty	Dark Brown	Angular	Minor
26746	637,084	6,821,654					Sand	Brown	Angular	Minor
26747	637,100	6,821,621			0.2		Silty	Brown	Angular	Yes
26748	637,113	6,821,593			0.2		Silty	Brown	Angular	Yes
26749	637,126	6,821,568					Silty	Brown	Angular	Minor
26750	637,139	6,821,541					Silty	Brown	Angular	Minor
26751	628,080	6,829,036	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26752	628,097	6,829,056	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26753	628,117	6,829,074	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26754	628,112	6,829,102	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26755	628,118	6,829,125	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
26756	628,129	6,829,158	Slope	Well	0.1	B	Silty	Light Brown	Angular	Minor
26757	628,134	6,829,183	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26758	628,132	6,829,212	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26759	628,149	6,829,232	Slope	Well	0.1	B	Silty	Orange Brown	Angular	Minor
26760	628,161	6,829,255	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26761	628,186	6,829,256	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
26762	628,210	6,829,239	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
26763	628,240	6,829,222	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
26764	628,271	6,829,207	Slope	Well	0.1	B	Silty	Greyish brown	Angular	Yes
26765	628,301	6,829,197	Slope	Well	0.1	B	Silty	dk brown	Angular	Yes
26766	628,329	6,829,196	Slope	Well	0.1	B	Silty	Greyish Brown	Angular	Yes
26767	628,365	6,829,199	Slope	Well	0.1	B	Silty	Greyish Brown	Angular	Yes
26768	628,401	6,829,196	Slope	Well	0.1	B	Silty	Greyish	Angular	Yes
26769	628,438	6,829,162	Slope	Well	0.1	B	Silty	Greyish	Angular	Yes
26770	628,437	6,829,140	Slope	Well	0.1	B	Silty	Greyish	Angular	Yes
26771	628,430	6,829,103	Slope	Well	0.1	B	Silty	Greyish	Angular	Yes
26772	628,424	6,829,075	Slope	Well	0.1	B	Silty	Greyish	Angular	Yes
26773	628,420	6,829,043	Slope	Well	0.1	B	Silty	Greyish	Angular	Yes
26774	628,414	6,829,011	Slope	Well	0.1	B	Silty	Greyish	Angular	Yes
26775	628,402	6,828,971	Slope	Well	0.1	B	Silty	Greyish	Angular	Yes
26776	628,388	6,828,971	Slope	Well	0.1	B	Silty	Greyish	Angular	Yes
26777	628,377	6,828,945	Slope	Well	0.1	B	Silty	Greyish	Angular	Yes
26778	628,364	6,828,909	Slope	Well	0.1	B	Silty	Greyish	Angular	Yes
26779	628,351	6,828,882	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26780	628,337	6,828,829	Slope	Well	0.1	B	Silty	Greyish	Angular	Yes
26781	628,329	6,828,829	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26782	628,297	6,828,830	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26783	637,270	6,820,099	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	Minor
26784	637,245	6,820,083	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26785	637,226	6,820,064	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26786	637,212	6,820,042	Ridge	Well	0.1	B	Silty	Orange brown	Angular	Minor
26787	637,194	6,820,021	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26788	637,176	6,820,001	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	Minor
26789	637,158	6,819,979	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	Minor
26790	637,141	6,819,958	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26791	637,119	6,819,937	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26792	637,110	6,819,911	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26793	637,099	6,819,887	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26794	637,080	6,819,859	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor



Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
26795	637,068	6,819,834	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26796	637,052	6,819,811	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26797	637,030	6,819,787	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	Minor
26798	637,002	6,819,782	Ridge	Well	0.1	B	Silty	Grey	Angular	Minor
26799	636,962	6,819,763	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	Minor
26800	636,943	6,819,741	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26801	636,921	6,819,724	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26802	636,904	6,819,694	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26803	636,922	6,819,674	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26804	636,932	6,819,655	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26805	636,932	6,819,627	Slope	Well	0.1	B	Silty	dark Brown	Angular	Yes
26806	636,925	6,819,602	Slope	Well	0.1	B	Silty	dark. Brown	Angular	Minor
26807	636,911	6,819,579	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26808	636,893	6,819,552	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26809	636,919	6,819,547	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26810	636,947	6,819,556	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26811	636,978	6,819,560	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26812	637,004	6,819,572	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26813	637,029	6,819,577	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26814	637,058	6,819,583	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26815	637,083	6,819,587	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26816	637,110	6,819,590	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26817	637,134	6,819,600	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26818	637,160	6,819,611	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26819	637,185	6,819,611	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26820	637,212	6,819,608	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26821	637,241	6,819,597	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26822	637,266	6,819,579	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26823	637,297	6,819,566	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26824	637,333	6,819,553	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26825	637,362	6,819,553	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26826	637,395	6,819,533	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26827	637,424	6,819,523	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26828	637,445	6,819,530	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26829	637,475	6,819,529	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26830	637,504	6,819,527	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26831	637,531	6,819,537	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26832	637,559	6,819,539	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26833	637,569	6,819,568	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26834	637,568	6,819,599	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26835	637,574	6,819,625	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26836	637,551	6,819,664	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26837	637,553	6,819,690	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26838	637,558	6,819,718	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26839	637,568	6,819,757	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26840	637,561	6,819,791	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26841	637,556	6,819,818	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26842	637,552	6,819,849	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26843	637,546	6,819,880	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26844	637,536	6,819,908	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26845	637,201	6,819,685	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26846	637,231	6,819,695	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26847	637,259	6,819,716	Slope	Well	0.1	B	Silty	Dark Brown	Angular	Minor
26848	637,284	6,819,731	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26849	637,315	6,819,747	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26850	637,342	6,819,737	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26851	637,153	6,821,485					Silty	Brown	Angular	Minor
26852	637,166	6,821,485					Silty	Brown	Angular	Minor
26853	637,179	6,821,460					Silty	Brown	Angular	Minor
26854	637,192	6,821,434					Silty	Brown	Angular	Minor
26855	637,206	6,821,405					Silty	Brown	Angular	Minor
26856	637,220	6,821,380					Silty	Brown	Angular	Minor
26857	637,233	6,821,352					Silty	Brown	Angular	Minor
26858	637,246	6,821,325					Silty	Brown	Angular	Minor

Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
26859	637,260	6,821,299					Silty	Brown	Angular	Minor
26860	637,272	6,821,272					Silty	Brown	Angular	Minor
26861	637,285	6,821,244					Silty	Brown	Angular	Minor
26862	637,300	6,821,218					Silty	Brown	Angular	Minor
26863	637,374	6,821,464			0.15		Silty	Brown	Angular	Minor
26864	637,352	6,821,445			0.15		Silty	Grey	Angular	Minor
26865	637,327	6,821,426			0.15		Silty	Brown	Angular	Minor
26866	637,304	6,821,407			0.15		Silty	Light Brown	Angular	Minor
26867	637,280	6,821,388			0.15		Silty	Light Brown	Angular	Minor
26868	637,257	6,821,369			0.15		Silty	Light Brown	Angular	Minor
26869	637,212	6,821,330			0.15		Silty	Light Brown	Angular	Minor
26870	637,189	6,821,311					Silty	Light Brown	Angular	Minor
26871	637,166	6,821,292					Silty	Brown	Angular	Minor
26872	637,143	6,821,273					Silty	Light Brown	Angular	Minor
26873	637,112	6,821,292					Silty	Brown	Angular	Minor
26874	637,092	6,821,315			0.1		Silty	Brown	Angular	Yes
26875	637,076	6,821,343			0.1		Silty	Brown	Angular	Yes
26876	637,060	6,821,362			0.1		Silty	Brown	Angular	Yes
26877	637,082	6,821,380			0.1		Silty	Dark Brown	Angular	Yes
26878	637,108	6,821,398			0.2		Silty	Black	Angular	Yes
26879	637,135	6,821,416			0.1		Silty	Black	Angular	Minor
26880	637,135	6,821,440			0.15		Silty	Brown	Angular	Minor
26881	637,207	6,821,469			0.15		Silty	Brown	Angular	Minor
26882	637,229	6,821,489			0.15		Silty	Brown	Angular	Minor
26883	637,251	6,821,509			0.15		Silty	Brown	Angular	Minor
26884	637,273	6,821,529			0.15		Silty	Brown	Angular	No
26885	637,257	6,821,639			0.15		Silty	Black	Angular	Minor
26886	637,233	6,821,622			0.15		Silty	Black	Angular	Yes
26887	637,210	6,821,605			0.15		Silty	Black	Angular	Yes
26888	637,187	6,821,588			0.3		Silty	Light Brown	Angular	Yes
26889	637,164	6,821,571			0.3		Silty	Light Brown	Angular	Minor
26890	637,111	6,821,534			0.3		Silty	Dark Brown	Angular	Minor
26891	637,089	6,821,514			0.3		Silty	Dark Brown	Angular	Minor
26892	637,067	6,821,496			0.3		Silty	Dark Brown	Angular	Minor
26893	637,040	6,821,478			0.3		Silty	Brown	Angular	Minor
26894	637,011	6,821,457			0.3		Silty	Brown	Angular	Minor
26895	636,380	6,821,032	Stream	Well	0.1	B	Silty	Med. Brown	Angular	Yes
26896	636,357	6,820,986	Stream	Well	0.1	B	Silty	Med. Brown	Angular	Yes
26897	636,360	6,820,934	Stream	Well	0.1	B	Silty	Med. Brown	Angular	Yes
26898	636,352	6,820,879	Stream	Well	0.1	B	Silty	Med. Brown	Angular	Yes
26899	636,377	6,820,837	Stream	Well	0.1	B	Silty	Med. Brown	Angular	Yes
26900	636,368	6,820,786	Marsh	Well	0.1	B	Clay	Grey-brown	Angular	Minor
26901	636,800	6,820,423	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26902	636,801	6,820,398	Ridge	Moderate	0.1	B	Silty	Brown	Angular	Minor
26903	636,802	6,820,373	Slope	Moderate	0.1	B	Clay	Grey	Angular	Minor
26904	636,803	6,820,340	Slope	Moderate	0.1	B	Silty	Brown	Angular	Minor
26905	636,812	6,820,309	Slope	Moderate	0.1	B	Silty	Brown	Angular	Minor
26906	637,569	6,819,575	Slope	Moderate	0.1	B	Silty	Brown	Angular	Minor
26907	637,588	6,819,595	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26908	637,608	6,819,614	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26909	637,607	6,819,638	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26910	637,602	6,819,683	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26911	637,601	6,819,692	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26912	637,611	6,819,719	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26913	637,616	6,819,743	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26914	637,620	6,819,768	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26915	637,611	6,819,796	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26916	637,619	6,819,818	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26917	637,637	6,819,843	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26918	637,665	6,819,864	Steep	Well	0.2	B	Silty	Brown	Angular	Minor
26919	637,679	6,819,890	Steep	Well	0.2	B	Silty	Brown	Angular	Minor
26920	637,679	6,819,916	Steep	Well	0.2	B	Silty	Brown	Angular	Minor
26921	637,679	6,819,945	Steep	Well	0.2	B	Silty	Brown	Angular	Minor
26922	637,692	6,819,974	Steep	Well	0.2	B	Silty	Brown	Angular	Minor

Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
26923	637,704	6,819,996	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26924	637,713	6,820,023	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26925	637,733	6,820,060	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26926	637,757	6,820,066	Steep	Well	0.2	B	Silty	Brown	Angular	Minor
26927	637,794	6,819,957	Steep	Well	0.2	B	Silty	Brown	Angular	Minor
26928	637,827	6,819,935	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26929	637,852	6,819,916	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
26930	637,877	6,819,908	Steep	Well	0.15	B	Silty	Brown	Angular	Minor
26931	637,903	6,819,901	Steep	Well	0.15	B	Silty	Brown	Angular	Minor
26932	637,929	6,819,894	Steep	Well	0.15	B	Silty	Brown	Angular	Minor
26933	637,953	6,819,887	Steep	Well	0.15	B	Silty	Brown	Angular	Minor
26934	637,977	6,819,875	Steep	Well	0.15	B	Silty	Brown	Angular	Minor
26935	637,999	6,819,863	Steep	Well	0.2	B	Silty	Brown	Angular	Minor
26936	638,022	6,819,851	Steep	Well	0.2	B	Silty	Brown	Angular	Minor
26937	638,040	6,819,835	Steep	Well	0.2	B	Silty	Brown	Angular	Minor
26938	638,062	6,819,817	Steep	Well	0.15	B	Silty	Brown	Angular	Minor
26939	633,422	6,821,050	Plateau	Well	0.15	B	Silty	Brown	Angular	Minor
26940	633,401	6,821,114	Plateau	Well	0.2	B	Silty	Brown	Angular	Minor
26941	633,389	6,821,163	Plateau	Well	0.2	B	Silty	Brown	Angular	Minor
26942	633,376	6,821,212	Plateau	Well	0.2	B	Silty	Brown	Angular	Minor
26943	633,349	6,821,257	Plateau	Well	0.2	B	Silty	Brown	Angular	Minor
26944	633,321	6,821,302	Plateau	Well	0.2	B	Silty	Brown	Angular	Minor
26945	633,300	6,821,349	Plateau	Well	0.2	B	Silty	Brown	Angular	Minor
26946	633,279	6,821,394	Plateau	Well	0.2	B	Silty	Brown	Angular	Minor
26947	633,243	6,821,442	Plateau	Well	0.1	B	Silty	Brown	Angular	Minor
26948	633,215	6,821,487	Plateau	Well	0.1	B	Silty	Brown	Angular	Minor
26949	633,182	6,821,525	Plateau	Well	0.1	B	Silty	Brown	Angular	Minor
26950	633,153	6,821,566	Plateau	Well	0.1	B	Silty	Brown	Angular	Minor
26951	637,371	6,819,728	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26952	637,396	6,819,711	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26953	637,418	6,819,695	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26954	637,439	6,819,674	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26955	637,470	6,819,670	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26956	637,500	6,819,654	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26957	637,525	6,819,640	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26958	637,570	6,819,641	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26959	637,551	6,819,689	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26960	637,563	6,819,711	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26961	637,583	6,819,737	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26962	637,590	6,819,762	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26963	637,596	6,819,792	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26964	637,610	6,819,816	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26965	637,625	6,819,839	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26966	637,645	6,819,857	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26967	637,664	6,819,879	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26968	637,675	6,819,903	Slope	Well	0.1	B	Clay	Med. Brown	Angular	Minor
26969	637,680	6,819,932	Slope	Well	0.1	B	Clay	Med. Brown	Angular	Minor
26970	637,673	6,819,962	Slope	Well	0.1	B	Silty	Brown	Angular	Minor
26971	637,690	6,819,981	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26972	637,701	6,820,009	Slope	Well	0.1	B	Silty	Brown	Angular	Minor
26973	637,711	6,820,035	Slope	Well	0.1	B	Silty	Brown	Angular	Minor
26974	637,725	6,820,060	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26975	637,748	6,820,074	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26976	637,772	6,820,067	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26977	637,797	6,820,054	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26978	637,821	6,820,051	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26979	637,848	6,820,044	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26980	637,871	6,820,025	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26981	637,900	6,820,012	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26982	630,020	6,824,397	Ridge	Moderate	0.1	B	Clay	Med. Brown	Angular	Minor
26983	630,014	6,824,365	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	Minor
26984	630,004	6,824,339	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26985	629,980	6,824,320	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26986	629,975	6,824,293	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor

Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
26987	629,964	6,824,263	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26988	629,958	6,824,232	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26989	629,944	6,824,199	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26990	629,938	6,824,167	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26991	629,930	6,824,134	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26992	629,908	6,824,110	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26993	629,874	6,824,101	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26994	629,865	6,824,070	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26995	629,865	6,824,041	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26996	629,872	6,824,011	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
26997	629,870	6,823,978	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	Minor
26998	629,854	6,823,949	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	Minor
26999	629,839	6,823,922	Ridge	Moderate	0.1	B	Clay	Med. Brown	Angular	Minor
27000	629,825	6,823,896	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	Minor
27001	636,358	6,820,738	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27002	636,423	6,820,697	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27003	636,440	6,820,650	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27004	636,440	6,820,620	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27005	636,429	6,820,553	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27006	636,418	6,820,507	Slope	Well	0.1	B	Clay	Light Brown	Angular	Minor
27007	636,404	6,820,454	Slope	Well	0.1	B	Clay	Light Brown	Angular	Minor
27008	636,393	6,820,404	Slope	Well	0.1	B	Silty	Light Brown	Angular	Minor
27009	636,380	6,820,362	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27010	636,371	6,820,325	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27011	636,357	6,820,264	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27012	636,350	6,820,219	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27013	636,332	6,820,169	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27014	636,319	6,820,126	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27015	636,313	6,820,094	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27016	636,312	6,820,042	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27017	636,299	6,820,008	Scree	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27018	636,272	6,819,960	Scree	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27019	636,251	6,819,883	Scree	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27020	636,227	6,819,841	Scree	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27021	636,181	6,819,808	Scree	Well	0.1	B	Clay	Med. Brown	Angular	Minor
27022	636,145	6,819,758	Scree	Well	0.1	B	Sand	Med. Brown	Angular	Minor
27023	636,102	6,819,748	Scree	Well	0.1	B	Sand	Med. Brown	Angular	Minor
27024	636,060	6,819,709	Stream	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27025	632,180	6,821,538	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27026	632,137	6,821,589	Slope	Well	0.1	B	Clay	Grey	Angular	Yes
27027	632,100	6,821,633	Slope	Well	0.1	B	Silty	Grey	Angular	Minor
27028	632,107	6,821,685	Slope	Well	0.1	B	Silty	Grey-brown	Angular	Minor
27029	632,115	6,821,743	Slope	Well	0.1	B	Silty	Grey-brown	Angular	Minor
27030	632,104	6,821,796	Slope	Well	0.1	B	Silty	Grey-brown	Angular	Yes
27031	632,093	6,821,843	Slope	Well	0.1	B	Silty	Grey-brown	Angular	Yes
27032	632,086	6,821,894	Slope	Well	0.1	B	Clay	Grey-brown	Angular	Yes
27033	632,068	6,821,945	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27034	632,065	6,821,993	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27035	632,102	6,822,088	Slope	Well	0.1	B	Sand	Light Brown	Angular	Minor
27036	632,123	6,822,137	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27037	632,128	6,822,183	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27038	632,201	6,822,319	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27039	632,237	6,822,360	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27040	632,262	6,822,410	Slope	Well	0.1	B	Sand	Light Brown	Angular	Minor
27041	632,277	6,822,459	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27042	632,311	6,822,498	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27043	632,349	6,822,537	Slope	Well	0.1	B	Sand	Med. Brown	Angular	Minor
27044	632,369	6,822,585	Slope	Well	0.1	B	Sand	Med. Brown	Angular	Minor
27045	632,394	6,822,628	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27046	632,423	6,822,672	Slope	Well	0.1	B	Silty	Light Brown	Angular	Minor
27047	632,456	6,822,713	Slope	Well	0.1	B	Sand	Light Brown	Angular	Minor
27048	632,495	6,822,748	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
27049	632,526	6,822,788	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
27050	632,565	6,822,821	Slope	Well	0.1	B	Silty	Dark Brown	Angular	Yes

Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
27301	629,816	6,823,870	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27302	629,812	6,823,843	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27303	629,808	6,823,811	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27304	629,802	6,823,780	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27305	629,794	6,823,753	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27306	629,787	6,823,726	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27307	629,787	6,823,697	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27308	629,784	6,823,671	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27309	629,776	6,823,643	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27310	629,767	6,823,617	Ridge	Well	0.1	B	Silty	Reddish. Brown	Angular	Minor
27311	629,749	6,823,593	Ridge	Well	0.1	B	Silty	Reddish Brown	Angular	Minor
27312	629,729	6,823,569	Ridge	Well	0.1	B	Silty	Reddish. Brown	Angular	Minor
27313	629,705	6,823,548	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27314	629,683	6,823,529	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27315	629,662	6,823,508	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27316	632,605	6,822,859	Stream	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27317	632,648	6,822,888	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
27318	632,688	6,822,918	Slope	Well	0.1	B	Clay	Med. Brown	Angular	Yes
27319	632,738	6,822,945	Slope	Well	0.1	B	Clay	Med. Brown	Angular	Yes
27320	632,791	6,822,961	Slope	Well	0.1	B	Clay	Med. Brown	Angular	Yes
27321	632,841	6,822,969	Slope	Well	0.1	B	Clay	Med. Brown	Angular	Yes
27322	632,890	6,822,964	Slope	Well	0.1	B	Clay	Dark Brown	Angular	Yes
27323	632,942	6,822,948	Slope	Well	0.1	B	Clay	Dark Brown	Angular	Yes
27324	632,997	6,822,950	Slope	Well	0.1	B	Silty	Dark Brown	Angular	Yes
27325	633,050	6,822,945	Slope	Well	0.1	B	Silty	Dark Brown	Angular	Yes
27326	637,286	6,819,900	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27327	637,316	6,819,839	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27328	637,342	6,819,891	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27329	637,365	6,819,887	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27330	637,391	6,819,882	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27331	637,420	6,819,877	Slope	Well	0.1	B	Silty	Brown-Grey	Angular	Minor
27332	637,440	6,819,872	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27333	637,466	6,819,861	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27334	637,494	6,819,853	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27335	637,519	6,819,851	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27336	637,530	6,819,874	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27337	637,545	6,819,895	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27338	637,561	6,819,917	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27339	637,571	6,819,936	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27340	637,572	6,819,958	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27341	637,581	6,819,987	Slope	Well	0.1	B	Sand	Med. Brown	Angular	Minor
27342	637,597	6,820,011	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27343	637,609	6,820,034	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27344	637,621	6,820,061	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27345	637,634	6,820,087	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27346	637,652	6,820,121	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27347	637,684	6,820,144	Slope	Well	0.1	B	Clay	Med. Brown	Angular	Minor
27348	637,718	6,820,130	Slope	Well	0.1	B	Clay	Med. Brown	Angular	Minor
27349	637,741	6,820,129	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
27350	637,766	6,820,123	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
27351	633,116	6,821,599	Plateau	Well	0.1	B	Silty	Brown	Angular	Minor
27352	633,064	6,821,655	Plateau	Well	0.2	B	Silty	Brown	Angular	Minor
27353	633,051	6,821,704	Plateau	Well	0.2	B	Silty	Brown	Angular	Minor
27354	633,016	6,821,744	Plateau	Well	0.2	B	Silty	Brown	Angular	Minor
27355	633,020	6,821,846	Plateau	Well	0.2	B	Silty	Brown	Angular	Minor
27356	633,010	6,821,897	Plateau	Well	0.2	B	Silty	Brown	Angular	Minor
27357	632,995	6,821,944	Plateau	Well	0.2	B	Silty	Brown	Angular	Minor
27358	632,978	6,821,993	Plateau	Well	0.2	B	Silty	Brown	Angular	Minor
27359	632,980	6,822,044								
27360	632,985	6,822,095								
27361	632,995	6,822,145								
27362	633,005	6,822,195								
27363	633,015	6,822,245								
27364	633,025	6,822,295								

Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
27365	627,567	6,825,834			0.15		Silty	Brown	Angular	Minor
27366	627,597	6,825,830			0.15		Silty	Brown	Angular	Minor
27367	627,627	6,825,840			0.15		Silty	Brown	Angular	Minor
27368	627,659	6,825,845			0.15		Silty	Brown	Angular	Minor
27369	627,689	6,825,843			0.15		Silty	Brown	Angular	Minor
27370	627,718	6,825,839			0.15		Silty	Brown	Angular	Minor
27371	627,749	6,825,840			0.15		Silty	Brown	Angular	Minor
27372	627,779	6,825,847			0.15		Silty	Brown	Angular	Minor
27373	627,810	6,825,847			0.15		Silty	Brown	Angular	Minor
27374	627,930	6,825,864			0.15		Silty	Brown	Angular	Minor
27375	627,960	6,825,868			0.15		Silty	Brown	Angular	Minor
27376	627,991	6,825,869			0.15		Silty	Brown	Angular	Minor
27377	628,021	6,825,864			0.15		Silty	Brown	Angular	Minor
27378	628,050	6,825,859			0.15		Silty	Brown	Angular	Minor
27379	628,075	6,825,841			0.15		Silty	Brown	Angular	Minor
27380	628,096	6,825,817			0.15		Silty	Brown	Angular	Minor
27381	628,120	6,825,798			0.15		Silty	Brown	Angular	Minor
27382	628,147	6,825,782			0.15		Silty	Brown	Angular	Minor
27383	628,170	6,825,760			0.15		Silty	Brown	Angular	Minor
27384	628,195	6,825,741			0.15		Silty	Brown	Angular	Minor
27385	628,220	6,825,723			0.15		Silty	Brown	Angular	Minor
27386	628,243	6,825,703			0.15		Silty	Brown	Angular	Minor
27387	628,268	6,825,685			0.15		Silty	Brown	Angular	Minor
27388	628,294	6,825,671			0.15		Silty	Brown	Angular	Minor
27389	628,320	6,825,655			0.15		Silty	Brown	Angular	Minor
27390	628,348	6,825,642			0.15		Silty	Brown	Angular	Minor
27391	628,377	6,825,638			0.15		Silty	Brown	Angular	Minor
27392	628,408	6,825,634			0.15		Silty	Brown	Angular	Minor
27393	628,438	6,825,631			0.15		Silty	Brown	Angular	Minor
27394	628,469	6,825,624			0.15		Silty	Brown	Angular	Minor
27395	628,498	6,825,616			0.15		Silty	Brown	Angular	Minor
27396	628,527	6,825,604			0.15		Silty	Brown	Angular	Minor
27397	628,527	6,825,604								
27398	637,829	6,819,737		well	0.15		Sand	Brown	Angular	Minor
27399	637,836	6,819,695		well	0.15		Sand	Brown	Angular	Minor
27400	637,826	6,819,663		well	0.15		Sand	Brown	Angular	Minor
27414	628,792	6,826,098	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27415	628,788	6,826,063	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27416	628,786	6,826,032	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27417	628,778	6,826,000	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27418	628,768	6,825,969	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27419	628,761	6,825,935	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27420	628,746	6,825,905	Ridge	Well	0.1	B	Silty	orangish. Brown	Angular	Minor
27421	628,740	6,825,875	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27422	628,734	6,825,849	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27423	628,730	6,825,823	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27424	628,725	6,825,795	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	Minor
27425	628,722	6,825,767	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27426	628,713	6,825,740	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27427	628,693	6,825,715	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27428	628,682	6,825,689	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27429	628,657	6,825,673	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27430	628,633	6,825,658	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27431	628,611	6,825,641	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27432	628,587	6,825,625	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27433	628,565	6,825,604	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27434	628,545	6,825,589	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27435	628,524	6,825,567	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27436	628,511	6,825,538	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27437	628,495	6,825,515	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27438	628,489	6,825,491	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27439	628,486	6,825,460	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27440	628,482	6,825,432	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27441	628,478	6,825,400	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor

Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
27442	628,480	6,825,374	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27443	628,487	6,825,346	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27444	628,491	6,825,316	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27445	628,492	6,825,289	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27446	628,498	6,825,258	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27447	628,507	6,825,229	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27448	628,505	6,825,198	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27449	628,511	6,825,170	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27450	628,533	6,825,151	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27451	637,622	6,819,141	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27452	637,603	6,819,129	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27453	637,577	6,819,118	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27454	637,558	6,819,107	Slope	Well	0.1	B	Silty	Light. Brown	Angular	Minor
27455	637,532	6,819,103	Slope	Well	0.1	B	Silty	Light Brown	Angular	Minor
27456	637,506	6,819,095	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27457	637,482	6,819,083	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27458	637,458	6,819,066	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27459	637,434	6,819,054	Slope	Well	0.1	B	Silty	Greyish. Brown	Angular	Minor
27460	637,408	6,819,044	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27461	637,387	6,819,022	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27462	637,347	6,819,004	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27463	637,297	6,818,976	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27464	637,271	6,818,997	Slope	Well	0.1	B	Silty	Black	Angular	Yes
27465	637,255	6,818,999	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27466	637,230	6,819,007	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27467	637,207	6,819,009	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27468	637,186	6,819,037	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27469	637,150	6,819,034	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27470	637,117	6,819,013	Slope	Well	0.1	B	Silty	Light Brown	Angular	Minor
27471	637,080	6,819,019	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27472	637,058	6,819,031	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27473	637,035	6,819,048	Ridge	Well	0.1	B	Silty	whitish Brown	Angular	Minor
27474	637,013	6,819,064	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27475	636,997	6,819,088	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27476	636,973	6,819,107	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27477	636,952	6,819,123	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27478	636,925	6,819,118	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27479	636,898	6,819,138	Slope	Well	0.1	B	Silty	light. Brown	Angular	Minor
27480	636,863	6,819,130	Slope	Well	0.1	B	Silty	orangish. Brown	Angular	Minor
27481	637,689	6,818,934	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
27482	637,719	6,818,950	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27483	637,748	6,818,954	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27484	637,773	6,818,962	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27485	637,794	6,818,972	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27486	637,820	6,818,984	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27487	637,834	6,819,006	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27488	637,866	6,819,005	Slope	Well	0.1	B	Silty	ornagish brown	Angular	Yes
27489	637,893	6,819,012	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27490	637,927	6,819,020	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27491	637,966	6,819,043	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27492	637,982	6,819,052	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
27493	638,011	6,819,065	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27494	638,049	6,819,051	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27495	638,069	6,819,017	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27496	638,087	6,818,986	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27497	638,114	6,818,958	Slope	Well	0.1	B	Silty	Dark Brown	Angular	Yes
27498	638,139	6,818,953	Slope	Well	0.1	B	Silty	Dark Brown	Angular	Yes
27499	638,115	6,818,938	Slope	Well	0.1	B	Silty	Dark Brown	Angular	Yes
27500	638,095	6,818,925	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27501	637,807	6,819,630		well	0.15		Sand	Brown	Angular	Minor
27502	637,819	6,819,586		well	0.15		Sand	Brown	Angular	Minor
27503	637,814	6,819,546		well	0.15		Sand	Brown	Angular	Minor
27504	637,796	6,819,515		well	0.15		Sand	Brown	Angular	Minor
27505	637,777	6,819,448		well	0.15		Sand	Brown	Angular	Minor

Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
27506	637,745	6,819,484		well	0.15		Sand	Brown	Angular	Minor
27507	637,719	6,819,467		well	0.15		Sand	Brown	Angular	Minor
27508	637,732	6,819,432		well	0.15		Sand	Brown	Angular	Minor
27509	637,735	6,819,393		well	0.15		Sand	Brown	Angular	Minor
27510	637,698	6,819,375		well	0.15		Sand	Brown	Angular	Minor
27511	637,676	6,819,365		well	0.15		Sand	Brown	Angular	Minor
27512	637,642	6,819,349		well	0.15		Sand	Brown	Angular	Minor
27513	637,617	6,819,328		well	0.15		Sand	Brown	Angular	Minor
27514	637,598	6,819,356		well	0.15		Sand	Brown	Angular	Minor
27515	637,579	6,819,383		well	0.15		Sand	Brown	Angular	Minor
27516	637,561	6,819,408		well	0.15		Sand	Brown	Angular	Minor
27517	637,540	6,819,434		well	0.15		Sand	Brown	Angular	Minor
27518	637,512	6,819,454		well	0.15		Sand	Brown	Angular	Minor
27519	637,485	6,819,470		well	0.15		Sand	Brown	Angular	Minor
27520	637,456	6,819,486		well	0.15		Sand	Brown	Angular	Minor
27521	637,429	6,819,503		well	0.15		Sand	Brown	Angular	Minor
27522	637,398	6,819,515		well	0.15		Sand	Brown	Angular	Minor
27523	637,370	6,819,528		well	0.15		Sand	Brown	Angular	Minor
27524	636,711	6,819,636		well	0.05		Silty	Orange	Angular	No
27525	636,688	6,819,614		well	0.05		Silty	Orange	Angular	No
27526	636,666	6,819,592		well	0.05		Silty	Orange	Angular	No
27527	636,586	6,819,545		well	0.05		Silty	Orange	Angular	No
27528	636,560	6,819,526		well	0.05		Silty	Orange	Angular	No
27529	636,540	6,819,502		well	0.05		Silty	Orange	Angular	No
27530	636,533	6,819,472		well	0.05		Silty	Orange	Angular	No
27531	636,507	6,819,456		well	0.05		Silty	Orange	Angular	No
27532	636,480	6,819,440		well	0.05		Silty	Orange	Angular	No
27533	636,459	6,819,417		well	0.05		Silty	Orange	Angular	No
27534	636,387	6,819,386		well	0.05		Silty	Orange	Angular	No
27535	636,366	6,819,364		well	0.05		Silty	Orange	Angular	No
27536	636,339	6,819,349		well	0.05		Silty	Orange	Angular	No
27537	636,319	6,819,327		well	0.05		Silty	Orange	Angular	No
27538	636,300	6,819,304		well	0.05		Silty	Orange	Angular	No
27539	636,275	6,819,287		well	0.05		Silty	Orange	Angular	No
27540	636,255	6,819,264		well	0.05		Silty	Orange	Angular	No
27541	636,242	6,819,236		well	0.05		Silty	Orange	Angular	No
27542	636,227	6,819,208		well	0.05		Silty	Orange	Angular	No
27543	636,216	6,819,178		well	0.05		Silty	Orange	Angular	No
27544	636,208	6,819,148		well	0.05		Silty	Orange	Angular	No
27545	636,201	6,819,119		well	0.05		Silty	Orange	Angular	No
27546	636,196	6,819,089		well	0.05		Silty	Orange	Angular	No
27547	636,183	6,819,061		well	0.05		Silty	Orange	Angular	No
27548	636,167	6,819,034		well	0.05		Silty	Orange	Angular	No
27549	636,152	6,819,008		well	0.05		Silty	Orange	Angular	No
27550	636,129	6,818,986		well	0.05		Silty	Orange	Angular	No
27551	638,069	6,818,901	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27552	638,047	6,818,872	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27553	638,019	6,818,843	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27554	637,986	6,818,829	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27555	637,964	6,818,814	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27556	637,937	6,818,789	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27557	637,909	6,818,768	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27558	637,873	6,818,753	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27559	637,846	6,818,741	Slope	Well	0.1	B	Silty	med. Brown	Angular	Yes
27560	637,816	6,818,730	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27561	637,781	6,818,723	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27562	637,748	6,818,712	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27563	637,718	6,818,704	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27564	637,680	6,818,689	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27565	637,645	6,818,686	Slope	Well	0.1	B	Silty	whitish brown	Angular	Yes
27566	637,617	6,818,697	Slope	Well	0.1	B	Silty	med. Brown	Angular	Yes
27601	637,790	6,820,116	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
27602	637,817	6,820,113	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
27603	637,850	6,820,119	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes



Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
27604	637,883	6,820,123	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
27605	637,908	6,820,128	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
27606	637,934	6,820,130	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
27607	637,970	6,820,131	Slope	Well	0.1	B	Silty	Med. Brown	Angular	Yes
27651	635,809	6,821,390	Foot	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27652	635,823	6,821,443	Foot	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27653	635,824	6,821,489	Foot	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27654	635,805	6,821,532	Foot	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27655	635,771	6,821,561	Foot	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27656	635,734	6,821,585	Foot	Moderate	0.1	B	Clay	Med. Brown	Angular	Minor
27657	635,703	6,821,627	Foot	Moderate	0.1	B	Clay	Med. Brown	Angular	Minor
27658	635,670	6,821,674	Foot	Moderate	0.1	B	Clay	Med. Brown	Angular	Minor
27701	637,658	6,819,148					Silty	Light Brown	Angular	No
27702	637,664	6,819,175					Silty	Light Brown	Angular	No
27703	637,680	6,819,201					Silty	Light Brown	Angular	No
27704	637,699	6,819,225					Silty	Light Brown	Angular	No
27705	637,716	6,819,251					Silty	Light Brown	Angular	No
27706	637,731	6,819,276					Silty	Light Brown	Angular	No
27707	637,751	6,819,299					Silty	Brown	Angular	Minor
27708	637,768	6,819,329					Silty	Brown	Angular	Minor
27709	637,795	6,819,340					Silty	Brown	Angular	Minor
27710	637,811	6,819,368					Silty	Brown	Angular	Minor
27711	637,814	6,819,399					Silty	Brown	Angular	Minor
27712	637,839	6,819,422					Silty	Brown	Angular	Minor
27713	637,861	6,819,442					Silty	Brown	Angular	Minor
27714	637,889	6,819,459					Silty	Brown	Angular	Minor
27715	637,894	6,819,490					Silty	Brown	Angular	Minor
27716	637,922	6,819,506					Silty	Brown	Angular	Minor
27717	637,951	6,819,513					Silty	Brown	Angular	Minor
27718	637,976	6,819,544					Silty	Brown	Angular	Minor
27719	638,005	6,819,541					Silty	Brown	Angular	Minor
27720	638,033	6,819,558					Silty	Brown	Angular	Minor
27721	638,055	6,819,578					Silty	Brown	Angular	Minor
27722	638,085	6,819,583					Silty	Brown	Angular	Yes
27723	638,114	6,819,592					Silty	Brown	Angular	Yes
27724	638,144	6,819,581					Silty	Brown	Angular	Yes
27725	638,172	6,819,570					Silty	Brown	Angular	Yes
27726	638,199	6,819,555					Silty	Brown	Angular	Yes
27727	638,229	6,819,539					Silty	Brown	Angular	Yes
27728	638,259	6,819,527					Silty	Brown	Angular	Yes
27729	638,295	6,819,520					Silty	Brown	Angular	Yes
27730	638,333	6,819,511					Silty	Brown	Angular	Yes
27731	638,365	6,819,515					Silty	Brown	Angular	Yes
27732	638,403	6,819,523					Silty	Brown	Angular	Yes
27735	637,666	6,818,926					Silty	Brown	Angular	Yes
27736	637,639	6,818,916					Silty	Brown	Angular	Yes
27737	637,608	6,818,907					Silty	Brown	Angular	Yes
27738	637,579	6,818,898					Silty	Brown	Angular	Yes
27739	637,552	6,818,885					Silty	Brown	Angular	Yes
27740	637,524	6,818,876					Silty	Brown	Angular	Yes
27741	637,495	6,818,867					Silty	Brown	Angular	Yes
27742	637,468	6,818,855					Silty	Brown	Angular	Yes
27743	637,439	6,818,844					Silty	Brown	Angular	Yes
27744	637,412	6,818,833					Silty	Brown	Angular	Yes
27745	637,385	6,818,822					Silty	Brown	Angular	Yes
27746	637,355	6,818,811					Silty	Brown	Angular	Yes
27747	637,446	6,818,646					Silty	Brown	Angular	Yes
27748	637,477	6,818,652					Silty	Brown	Angular	Yes
27749	637,506	6,818,656					Silty	Brown	Angular	Yes
27750	637,533	6,818,666					Silty	Brown	Angular	Yes
27751	637,565	6,818,674					Silty	Brown	Angular	Yes
27752	637,592	6,818,683					Silty	Brown	Angular	Yes
27851	637,480	6,821,344	Steep	Well	0.1	B	Silty	l	Angular	Minor
27852	637,488	6,821,321	Steep	Well	0.05	B	Silty	Brown	Angular	Minor

Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
27853	637,504	6,821,302	Steep	Well	0.05	B	Silty	Brown	Angular	Minor
27854	637,521	6,821,284	Steep	Well	0.05	B	Silty	Brown	Angular	Minor
27855	637,542	6,821,262	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
27856	637,550	6,821,238	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
27857	637,562	6,821,209	Steep	Well	0.03	B	Silty	Brown	Angular	Minor
27858	637,570	6,821,172	Steep	Well	0.03	B	Silty	Brown	Angular	Minor
27859	637,572	6,821,141	Steep	Well	0.01	B	Silty	Brown	Angular	Minor
27860	637,588	6,821,119	Steep	Well	0.01	B	Silty	Brown	Angular	Minor
27861	637,601	6,821,097	Steep	Well	0.01	B	Silty	Brown	Angular	Minor
27862	637,605	6,821,070	Steep	Well	0.01	B	Silty	Brown	Angular	Minor
27863	637,607	6,821,044	Steep	Well	0.05	B	Silty	Brown	Angular	Minor
27864	637,614	6,821,018	Steep	Well	0.01	B	Silty	Brown	Angular	Minor
27865	637,623	6,820,994	Steep	Well	0.01	B	Silty	Brown	Angular	Minor
27866	637,384	6,820,999	Steep	Well	0.01	B	Silty	Brown	Angular	Minor
27867	637,377	6,821,027	Steep	Well	0.01	B	Silty	Brown	Angular	Minor
27868	637,363	6,821,052	Steep	Well	0.05	B	Silty	Brown	Angular	Minor
27869	637,349	6,821,079	Steep	Well	0.05	B	Silty	Brown	Angular	Minor
27870	637,341	6,821,101	Steep	Well	0.03	B	Silty	Brown	Angular	Minor
27871	637,350	6,821,127	Steep	Well	0.03	B	Silty	Brown	Angular	Minor
27872	637,323	6,821,142	Steep	Well	0.03	B	Silty	Brown	Angular	Minor
27873	637,314	6,821,167	Steep	Well	0.03	B	Silty	Brown	Angular	Minor
27874	637,309	6,821,191	Steep	Well	0.05	B	Silty	Brown	Angular	Minor
27875	637,406	6,820,961	Steep	Well	0.07	B	Silty	Brown	Angular	Minor
27876	637,437	6,820,942	Steep	Well	0.2	B	Silty	Brown	Angular	Minor
27877	637,458	6,820,925	Steep	Well	0.2	B	Silty	Brown	Angular	Minor
27878	637,483	6,820,913	Steep	Well	0.05	B	Silty	Brown	Angular	Minor
27879	637,503	6,820,893	Steep	Well	0.05	B	Silty	Brown	Angular	Minor
27880	637,498	6,820,867	Steep	Well	0.03	B	Silty	Brown	Angular	Minor
27881	637,497	6,820,839	Steep	Well	0.03	B	Silty	Brown	Angular	Minor
27882	637,502	6,820,814	Steep	Well	0.03	B	Silty	Brown	Angular	Minor
27883	637,505	6,820,787	Steep	Well	0.1	B	Silty	Brown	Angular	Minor
27884	637,508	6,820,763	Shelf	Moderate	0.1	B	Silty	Brown	Angular	Minor
27885	637,506	6,820,735	Shelf	Moderate	0.02	B	Silty	Brown	Angular	Minor
27886	637,511	6,820,709	Shelf	Moderate	0.05	B	Silty	Brown	Angular	Minor
27887	637,510	6,820,683	Shelf	Moderate	0.07	B	Silty	Brown	Angular	Minor
27888	637,500	6,820,659	Shelf	Moderate	0.01	B	Silty	Brown	Angular	Minor
27889	637,499	6,820,606	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27890	637,504	6,820,581	Shelf	Moderate	0.02	B	Silty	Brown	Angular	Minor
27891	637,505	6,820,557	Shelf	Moderate	0.02	B	Silty	Brown	Angular	Minor
27892	637,528	6,820,536	Slope	Well	0.02	B	Silty	Brown	Angular	Minor
27893	637,532	6,820,511	Slope	Well	0.03	B	Silty	Brown	Angular	Minor
27894	637,527	6,820,485	Shelf	Moderate	0.02	B	Silty	Brown	Angular	Minor
27895	637,525	6,820,460	Slope	Well	0.02	B	Silty	Brown	Angular	Minor
27896	637,389	6,820,592	Shelf	Moderate	0.02	B	Silty	Brown	Angular	Minor
27897	637,394	6,820,618	Shelf	Moderate	0.07	B	Silty	Brown	Angular	Minor
27898	637,391	6,820,643	Shelf	Moderate	0.05	B	Silty	Brown	Angular	Minor
27899	637,386	6,820,670	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27900	637,377	6,820,702	Slope	Well	0.03	B	Silty	Brown	Angular	Minor
27901	637,365	6,820,725	Slope	Well	0.2	B	Silty	Brown	Angular	Minor
27902	637,358	6,820,750	Slope	Well	0.05	B	Silty	Brown	Angular	Minor
27903	637,348	6,820,774	Slope	Well	0.05	B	Silty	Brown	Angular	Minor
27904	635,546	6,820,907	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27905	635,570	6,820,898	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27906	635,550	6,820,890	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27907	635,615	6,820,880	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27908	635,638	6,820,867	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27909	635,652	6,820,844	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27910	635,666	6,820,821	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27911	635,683	6,820,802	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27912	635,694	6,820,780	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27913	635,700	6,820,756	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27914	635,706	6,820,731	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27915	635,699	6,820,705	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27916	635,699	6,820,676	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor

Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
27917	635,689	6,820,650	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27918	635,659	6,820,609	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27919	635,642	6,820,589	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27920	635,625	6,820,570	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27921	635,613	6,820,548	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27922	635,594	6,820,531	Shelf	Moderate	0.03	B	Silty	Brown	Angular	Minor
27923	634,650	6,821,602	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27924	634,660	6,821,573	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27925	634,669	6,821,545	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27926	634,677	6,821,515	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27927	634,687	6,821,487	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27928	634,690	6,821,457	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27929	634,680	6,821,431	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27930	634,675	6,821,401	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27931	634,677	6,821,372	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27932	634,684	6,821,347	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27933	634,698	6,821,321	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27934	634,705	6,821,293	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27935	634,709	6,821,263	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27936	634,724	6,821,238	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27937	634,729	6,821,209	Foot	Moderate	0.05	B	Silty	Brown	Angular	Minor
27938	634,731	6,821,179	Foot	Moderate	0.03	B	Silty	Brown	Angular	Minor
27939	634,728	6,821,149	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27940	634,730	6,821,119	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27941	634,714	6,821,093	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27942	634,703	6,821,066	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27943	634,694	6,821,038	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27944	634,669	6,821,021	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27945	634,645	6,821,002	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27946	634,619	6,820,986	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
27947	634,590	6,820,976	Foot	Poor	0.1	B	Silty	Brown	Angular	Minor
27948	634,561	6,820,974	Foot	Poor	0.03	B	Silty	Brown	Angular	Minor
27949	634,556	6,821,003	Foot	Poor	0.05	B	Silty	Brown	Angular	Minor
27950	634,551	6,821,033	Foot	Poor	0.1	B	Silty	Brown	Angular	Minor
27951	635,374	6,821,726	Foot	Poor	0.1	B	Clay	Med.Brown	Angular	No
27952	635,397	6,821,705	Foot	Well	0.2	B	Silty	Dark.Brown	Angular	No
27953	635,394	6,821,676	Foot	Moderate	0.2	B	Silty	Med.Brown	Angular	No
27954	635,375	6,821,656	Foot	Well	0.2	B	Silty	Med.Brown	Angular	No
27955	635,346	6,821,639	Foot	Moderate	0.2	B	Silty	Med.Brown	Angular	Minor
27956	635,339	6,821,603	Foot	Well	0.2	B	Silty	Brown	Angular	No
27957	635,302	6,821,580	Foot	Well	0.2	B	Silty	Dark.Brown	Angular	Minor
27958	635,289	6,821,553	Foot	Poor	0.2	B	Clay	Med.Brown	Angular	Minor
27959	635,274	6,821,525	Foot	Poor	0.2	B	Clay	Med.Brown	Angular	Minor
27960	635,250	6,821,505	Foot	Poor	0.1	B	Clay	Med.Brown	Angular	No
27961	635,230	6,821,485	Foot	Poor	0.1	B	Clay	Med.Brown	Angular	No
27962	635,184	6,821,496	Foot	Poor	0.1	B	Clay	Med.Brown	Angular	No
27963	635,192	6,821,525	Foot	Poor	0.1	B	Clay	Med.Brown	Angular	No
27964	635,189	6,821,557	Foot	Moderate	0.1	B	Silty	Dark.Brown	Angular	Minor
27965	635,196	6,821,588	Foot	Moderate	0.1	B	Silty	Med.Brown	Angular	No
27966	635,214	6,821,610	Foot	Poor	0.1	B	Clay	Dark Brown	Angular	No
27967	635,234	6,821,650	Foot	Poor	0.1	B	Clay	Med.Brown	Angular	No
27968	635,231	6,821,673	Foot	Well	0.2	B	Silty	Med.Brown	Angular	Minor
27969	635,243	6,821,694	Foot	Well	0.2	B	Silty	Dark.Brown	Angular	Minor
27970	635,243	6,821,732	Foot	Well	0.2	B	Silty	Dark.Brown	Angular	Minor
27971	635,244	6,821,757	Foot	Poor	0.1	B	Clay	Med.Brown	Angular	No
27972	637,264	6,820,072	Ridge	Well	0.1	B	Silty	Med.Brown	Angular	Minor
27973	637,283	6,820,046	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27974	637,297	6,820,022	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27975	637,318	6,820,000	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	Minor
27976	637,345	6,819,971	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27977	637,366	6,819,990	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	Minor
27978	637,385	6,820,009	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27979	637,410	6,820,027	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27980	637,437	6,820,036	Ridge	Moderate	0.1	B	clay	Med. Brown	Angular	Minor

Sample	Easting	Northing	Aspect	Drainage	Depth	Horizon	Texture	Colour	Shape	Organic
27981	637,459	6,820,051	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27982	637,486	6,820,043	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27983	637,515	6,820,057	Ridge	Well	0.1	B	Silty	Reddish Brown	Angular	Minor
27984	637,546	6,820,078	Ridge	Well	0.1	B	clay/silty	Med. Brown	Angular	Minor
27985	637,565	6,820,098	Ridge	Well	0.1	B	clay/silty	Med. Brown	Angular	Minor
27986	637,587	6,820,116	Ridge	Well	0.1	B	clay/silty	Med. Brown	Angular	Minor
27987	637,604	6,820,135	Ridge	Well	0.1	B	Silty	Reddish Brown	Angular	Minor
27988	637,620	6,820,157	Ridge	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27989	637,642	6,820,174	Ridge	Well	0.1	B	clay/silty	Med. Brown	Angular	Moderate
27990	637,666	6,820,193	Ridge	Well	0.1	B	Clay	Med. Brown	Angular	No
27991	635,726	6,821,060	Foot	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27992	635,696	6,821,088	Foot	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27993	635,651	6,821,060	Foot	Moderate	0.1	B	Clay	Med. Brown	Angular	Minor
27994	635,652	6,821,099	Foot	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27995	635,659	6,821,152	Foot	Well	0.1	B	Clay	Med. Brown	Angular	Yes
27996	635,682	6,821,208	Foot	Well	0.1	B	Silty	Med. Brown	Angular	No
27997	635,709	6,821,217	Foot	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27998	635,754	6,821,266	Foot	Well	0.1	B	Silty	Med. Brown	Angular	Minor
27999	635,788	6,821,301	Foot	Well	0.1	B	Silty	Med. Brown	Angular	Minor
28000	635,781	6,821,371	Foot	Well	0.1	B	Silty	Med. Brown	Angular	No
28001	634,195	6,821,496	Slope	Moderate	0.1	B	Silty	Med. Brown	Angular	Minor
28002	634,204	6,821,462	Slope	Moderate	0.1	B	Silty	Brown	Angular	Minor
28003	634,214	6,821,433	Slope	Moderate	0.1	B	Silty	Brown	Angular	Minor
28004	634,229	6,821,405	Slope	Moderate	0.1	B	Silty	Brown	Angular	Minor
28005	634,231	6,821,375	Slope	Moderate	0.1	B	Silty	Brown	Angular	Minor
28006	634,243	6,821,347	Slope	Moderate	0.1	B	Silty	Brown	Angular	Minor
28007	634,269	6,821,332	Slope	Poor	0.1	B	Silty	Brown	Angular	Minor
28008	634,284	6,821,305	Slope	Poor	0.1	B	Silty	Brown	Angular	Minor
28009	634,492	6,821,333	Slope	Moderate	0.1	B	Silty	Brown	Angular	Minor
28010	634,498	6,821,304	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
28011	634,502	6,821,271	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
28012	634,504	6,821,240	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
28013	634,517	6,821,205	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
28014	634,517	6,821,173	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
28015	634,536	6,821,148	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
28016	634,541	6,821,114	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
28017	634,550	6,821,085	Foot	Moderate	0.1	B	Silty	Brown	Angular	Minor
28018	636,315	6,821,333	Slope	Poor	0.1	B	Sand	Brown	Angular	Yes
28019	636,315	6,821,359	Slope	Poor	0.1	B	Sand	Brown	Angular	Yes
28020	636,318	6,821,386	Slope	Moderate	0.1	B	Sand	Brown	Angular	Yes
28021	636,309	6,821,412	Slope	Moderate	0.1	B	Sand	Brown	Angular	Yes
28022	636,301	6,821,436	Flat	Moderate	0.1	B	Sand	Brown	Angular	Yes
28023	636,305	6,821,460	Slope	Moderate	0.1	B	Sand	Brown	Angular	Yes
28024	636,299	6,821,486	Flat	Moderate	0.1	B	Sand	Brown	Angular	Yes
28025	636,294	6,821,512	Slope	Moderate	0.1	B	Sand	Brown	Angular	Yes
28026	636,277	6,821,544	Slope	Moderate	0.1	B	Sand	Brown	Angular	Yes
28027	636,272	6,821,570	Slope	Moderate	0.1	B	Sand	Brown	Angular	Yes
28028	636,262	6,821,597	Slope	Moderate	0.1	B	Silty	Brown	Angular	Yes
28029	636,269	6,821,625	Slope	Moderate	0.1	B	Silty	Brown	Angular	Yes
28030	636,254	6,821,647	Slope	Moderate	0.1	B	Sand	Brown	Angular	Yes
28031	636,245	6,821,676	Slope	Moderate	0.1	B	Sand	Brown	Angular	Yes
28032	636,236	6,821,701	Slope	Moderate	0.1	B	Sand	Brown	Angular	Yes
28033	636,220	6,821,718	Slope	Moderate	0.1	B	Sand	Brown	Angular	Yes
28034	636,208	6,821,742	Slope	Moderate	0.1	B	Sand	Brown	Angular	Yes
28035	636,198	6,821,765	Slope	Poor	0.1	B	Sand	Dark Brown	Angular	Yes
28036	636,186	6,821,792	Slope	Poor	0.1	B	Sand	Dark Brown	Angular	Yes
28037	636,161	6,821,806	Slope	Moderate	0.1	B	Silty	Light Brown	Angular	Yes
28038	636,150	6,821,827	Slope	Moderate	0.1	B	Silty	Light Brown	Angular	Yes
28039	636,146	6,821,854	Slope	Moderate	0.1	B	Silty	Light Brown	Angular	Yes
28040	636,137	6,821,881	Slope	Moderate	0.1	B	Silty	Light Brown	Angular	Yes
28041	636,116	6,821,901	Slope	Moderate	0.1	B	Silty	Light Brown	Angular	Yes
28042	636,096	6,821,922	Slope	Well	0.1	B	Sand	Med. Brown	Angular	Yes



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**Client:** Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8 Canada

Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: July 12, 2010  
Report Date: July 27, 2010  
Page: 1 of 8

## CERTIFICATE OF ANALYSIS

WHI10000098.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-010  
P.O. Number  
Number of Samples: 200

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	200	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	200	Dry at 60C			WHI
1T	200	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
RJSV	200	Saving all or part of Soil Reject			WHI

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: July 27, 2010

Page: 2 of 8 Part 1

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method Analyte	Unit	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001	
27983	Soil	12.45	25.46	159.3	719.8	*	28.9	6.8	3611	8.34	13.4	2.8	<0.1	20.4	131	4.50	2.94	0.53	89	5.87	0.077
27954	Soil	7.27	23.01	373.1	847.9	514	15.8	7.2	995	4.29	254.4	8.1	<0.1	27.5	258	1.13	2.01	0.32	58	0.98	0.122
27990	Soil	4.45	40.20	6.43	54.7	46	41.4	10.1	155	2.75	14.0	1.8	<0.1	11.6	109	0.14	1.14	0.90	285	0.57	0.110
27968	Soil	2.73	18.98	16.49	85.7	<20	23.2	8.4	539	4.65	8.2	3.9	<0.1	23.6	144	0.41	1.15	0.26	72	0.87	0.061
27977	Soil	8.05	13.00	8.51	42.2	<20	13.0	4.5	252	2.25	5.6	2.5	<0.1	13.3	184	0.11	0.85	0.43	127	0.65	0.119
27985	Soil	13.80	19.09	14.77	299.7	<20	52.2	12.3	1175	4.48	18.3	7.5	<0.1	111.9	37	1.15	2.99	1.30	224	0.29	0.089
27957	Soil	4.93	16.82	24.06	72.5	<20	13.3	6.5	617	3.84	7.8	3.7	<0.1	19.2	184	0.30	1.14	0.26	57	0.77	0.131
27989	Soil	5.85	30.40	12.46	68.6	73	34.2	7.8	148	2.53	16.5	2.0	<0.1	11.3	103	0.17	1.26	1.15	192	0.46	0.161
27882	Soil	1.77	55.75	32.02	519.1	*	44.9	24.3	1200	5.81	19.7	6.1	<0.1	24.9	84	1.04	2.52	16.19	62	9.47	0.108
27895	Soil	12.60	79.09	50.67	307.3	<20	98.5	31.6	769	4.79	40.5	11.6	<0.1	57.8	64	1.18	3.69	1.64	251	0.51	0.129
27971	Soil	3.93	20.31	18.68	86.6	<20	22.2	8.5	667	5.10	8.1	4.8	<0.1	17.9	316	0.16	1.12	0.20	133	2.65	0.157
27956	Soil	7.09	36.28	2834	537.1	5009	11.5	5.5	645	4.18	263.0	4.8	<0.1	21.9	292	0.95	6.82	0.30	49	0.95	0.100
27854	Soil	1.10	80.24	15.38	210.3	69	45.0	40.1	1131	6.56	9.5	16.1	<0.1	16.6	217	0.47	1.61	1.37	75	1.91	0.047
27904	Soil	4.54	14.24	10.28	47.8	<20	3.7	4.3	382	2.45	1.1	2.2	<0.1	8.1	390	0.13	0.45	0.19	31	1.17	0.072
27900	Soil	24.03	24.81	21.38	103.5	<20	17.3	10.5	863	2.70	12.9	2.0	<0.1	7.9	158	0.72	2.20	0.60	171	0.70	0.135
27899	Soil	5.12	109.2	278.1	1171	*	62.1	27.9	1398	6.84	35.4	8.0	<0.1	32.8	110	2.91	3.89	1.61	105	2.73	0.110
27961	Soil	5.32	17.22	12.70	71.1	<20	18.6	7.3	633	4.14	6.0	16.6	<0.1	28.3	142	0.17	1.02	0.23	63	0.85	0.092
27988	Soil	18.11	58.74	15.18	73.0	50	74.3	22.7	393	4.45	26.6	2.6	<0.1	16.9	82	0.26	2.27	1.47	201	0.56	0.153
27963	Soil	7.95	21.12	20.83	80.8	<20	21.2	8.3	658	4.64	7.3	10.9	<0.1	40.8	192	0.13	0.98	0.28	72	0.75	0.103
27979	Soil	7.59	7.47	8.10	52.3	<20	38.2	7.2	428	2.45	6.4	3.1	<0.1	27.1	123	0.21	0.81	0.32	185	0.77	0.121
27967	Soil	4.41	27.10	17.43	76.5	<20	15.7	7.3	652	3.67	6.5	10.5	<0.1	29.3	305	0.13	0.80	0.26	49	1.07	0.091
27986	Soil	8.18	11.70	12.03	204.0	<20	29.0	4.7	283	1.57	11.7	2.2	<0.1	16.8	43	0.28	1.38	0.93	213	0.26	0.045
27987	Soil	7.51	26.65	18.09	160.2	<20	51.5	16.7	280	2.90	17.6	1.9	<0.1	13.9	75	0.26	1.65	1.18	187	0.51	0.114
27975	Soil	12.10	8.11	12.59	71.1	<20	21.6	5.3	491	2.64	3.9	3.4	<0.1	26.2	110	0.11	0.68	0.33	217	0.54	0.141
27969	Soil	4.74	18.31	16.23	76.0	<20	20.5	8.2	572	4.30	8.2	5.4	<0.1	27.6	145	0.23	1.22	0.28	76	0.92	0.088
27970	Soil	4.28	15.10	34.29	97.4	<20	17.0	8.0	666	4.27	7.8	4.3	<0.1	29.0	129	0.27	1.06	0.26	62	0.65	0.140
27966	Soil	2.42	16.32	14.16	68.8	<20	19.7	7.1	473	3.58	6.0	6.2	<0.1	38.3	132	0.22	1.06	0.19	72	0.85	0.107
27960	Soil	7.27	25.60	20.03	89.4	<20	19.0	8.6	793	4.39	7.1	18.6	<0.1	32.4	166	0.29	1.25	0.21	68	0.98	0.103
27953	Soil	8.69	27.56	842.5	1824	1555	15.8	7.0	1190	4.01	438.5	6.9	<0.1	22.9	255	3.64	2.64	0.27	48	1.00	0.095
27952	Soil	3.19	14.85	38.38	109.1	<20	18.4	7.3	586	3.83	20.8	3.3	<0.1	23.8	171	0.49	1.31	0.20	74	0.94	0.097

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: July 27, 2010

Page: 2 of 8 Part 2

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	
27983	Soil	69.7	23	0.50	468	0.147	6.22	1.607	1.69	2.5	48.0	4.0	3	6.7	0.26	85.8	160.2	17.0	69.3	13.8	2.0
27954	Soil	69.6	32	0.79	745	0.288	7.09	2.230	2.01	1.9	93.3	9.8	6	6.9	0.05	42.0	128.6	15.8	62.7	11.2	1.2
27990	Soil	26.7	52	0.92	929	0.160	6.07	1.073	2.28	2.0	79.2	1.3	2	10.5	<0.04	8.0	54.26	6.8	28.2	4.3	0.3
27968	Soil	145.2	46	1.17	1121	0.481	7.00	2.400	2.02	2.5	66.7	7.7	7	7.9	<0.04	33.6	253.2	22.2	80.3	11.6	1.1
27977	Soil	42.4	36	0.51	517	0.207	5.63	1.676	1.67	2.8	77.9	3.0	2	6.7	<0.04	15.6	81.73	9.1	36.1	5.7	0.5
27985	Soil	221.4	51	0.36	448	0.136	6.24	0.482	2.72	3.3	81.2	8.4	6	7.6	0.04	71.3	406.2	42.0	158.7	24.9	2.8
27957	Soil	48.3	30	0.68	743	0.301	6.39	2.135	1.71	2.2	81.7	4.5	4	5.8	0.04	23.2	115.4	11.3	43.6	7.0	0.7
27989	Soil	24.8	53	0.52	681	0.140	5.69	1.204	2.08	2.6	65.8	1.8	2	8.9	0.07	6.8	48.37	5.8	23.5	3.3	0.3
27882	Soil	96.3	32	6.41	1447	0.227	3.92	0.215	0.83	2.9	113.3	15.0	8	5.4	0.05	44.1	159.8	14.7	55.4	8.6	1.2
27895	Soil	190.4	60	0.96	1249	0.189	5.86	1.019	2.39	5.0	131.4	6.5	8	11.3	0.05	83.6	347.4	37.4	150.7	25.6	1.7
27971	Soil	81.4	39	1.36	930	0.845	7.22	2.417	1.77	2.4	96.3	10.8	7	12.9	<0.04	47.7	188.6	20.4	82.5	13.2	2.5
27956	Soil	63.3	21	0.65	692	0.263	7.28	2.463	1.89	1.9	103.3	7.8	5	5.3	0.17	28.5	119.8	13.1	49.9	8.7	0.9
27854	Soil	45.2	48	5.82	711	0.269	5.04	1.426	1.24	3.7	100.7	2.1	1	8.4	<0.04	21.2	83.20	9.7	38.1	6.2	1.0
27904	Soil	24.8	<1	0.56	875	0.210	7.03	2.636	2.30	1.5	111.8	2.5	2	3.3	<0.04	11.0	45.44	5.0	18.7	2.9	0.4
27900	Soil	32.1	38	0.67	927	0.179	5.05	1.552	1.68	3.2	65.5	3.3	2	6.9	0.06	8.2	59.36	6.8	26.4	4.2	0.3
27899	Soil	58.2	65	6.59	1527	0.268	6.10	0.641	1.41	7.2	133.8	13.4	6	8.0	<0.04	48.5	128.0	13.4	56.7	10.5	1.6
27961	Soil	126.8	37	0.98	775	0.414	6.68	2.729	1.62	3.2	73.5	7.4	9	7.7	<0.04	57.8	211.5	26.0	105.0	17.2	2.0
27988	Soil	38.2	82	0.77	918	0.155	5.36	1.330	1.69	1.7	67.9	1.6	3	9.4	0.05	11.1	73.70	8.7	36.6	5.4	0.5
27963	Soil	146.4	53	0.90	838	0.274	7.17	1.909	1.78	2.5	79.0	7.6	6	9.5	<0.04	50.6	220.3	27.8	105.8	17.2	1.6
27979	Soil	44.5	80	0.64	515	0.256	5.58	2.180	1.20	2.8	55.7	2.4	3	9.3	<0.04	20.2	112.4	10.0	40.3	6.7	0.7
27967	Soil	67.5	30	0.93	912	0.224	7.03	2.162	2.19	1.8	106.3	4.1	7	6.8	<0.04	47.9	114.4	14.8	60.8	10.8	1.3
27986	Soil	33.3	53	0.49	409	0.160	5.58	1.327	2.11	2.5	54.8	2.5	4	6.5	<0.04	10.9	78.33	6.9	26.8	4.0	0.4
27987	Soil	28.9	53	0.45	507	0.173	4.98	1.498	1.72	2.0	50.0	1.8	2	8.0	0.04	8.6	61.77	6.6	26.4	3.7	0.5
27975	Soil	54.6	76	0.88	578	0.404	4.86	2.604	1.11	7.1	67.9	3.3	6	11.0	<0.04	28.9	119.9	12.2	46.7	7.2	0.7
27969	Soil	72.5	54	0.95	922	0.429	6.58	2.200	1.76	2.3	74.1	7.2	7	7.8	<0.04	46.2	152.1	16.9	67.2	10.8	1.1
27970	Soil	48.9	53	0.98	1057	0.385	6.23	1.996	2.27	2.5	63.8	6.7	6	6.3	<0.04	26.2	130.9	12.1	47.0	8.0	0.8
27966	Soil	90.9	72	0.94	956	0.460	6.33	2.361	1.84	6.0	79.3	7.9	6	7.9	<0.04	43.9	187.9	18.4	72.3	11.9	1.2
27960	Soil	142.0	36	1.07	842	0.466	6.80	2.607	1.69	3.1	76.3	6.3	7	9.1	<0.04	75.9	242.5	29.3	121.3	20.7	2.3
27953	Soil	73.2	34	0.82	823	0.200	6.86	1.702	2.16	1.5	84.1	13.4	6	6.6	0.06	47.4	105.7	15.9	66.3	10.9	1.2
27952	Soil	60.1	51	0.78	776	0.398	6.20	2.021	1.53	1.8	74.4	6.6	5	7.5	<0.04	24.4	139.5	12.3	48.9	7.4	0.8

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: True Blue  
Report Date: July 27, 2010

Page: 2 of 8 Part 3

# CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
27983	Soil	16.5	2.4	15.9	3.0	7.8	1.0	6.9	0.9	1.20	18.5	69.2	3.8	101.6	2.0	25.91
27954	Soil	9.9	1.4	8.7	1.6	4.4	0.6	4.6	0.6	2.66	28.2	101.0	4.7	83.76	8.4	25.76
27990	Soil	3.1	0.3	1.7	0.3	0.7	0.1	0.9	0.1	2.15	18.2	74.8	0.4	8.77	1.9	18.83
27968	Soil	8.5	1.2	7.5	1.3	3.6	0.5	4.1	0.5	2.21	29.1	98.9	6.8	121.6	4.2	23.67
27977	Soil	4.6	0.6	3.6	0.7	1.5	0.2	1.5	0.2	2.02	14.0	58.2	3.1	66.82	1.6	21.51
27985	Soil	19.0	2.7	16.6	2.8	6.9	0.8	5.6	0.6	1.78	26.6	86.8	7.9	270.9	5.9	27.50
27957	Soil	5.4	0.8	5.0	0.9	2.6	0.3	2.5	0.3	2.17	20.8	72.1	4.5	78.38	6.3	22.64
27989	Soil	2.2	0.3	1.4	0.3	0.8	0.1	0.8	0.1	1.81	12.6	73.1	0.6	12.95	2.6	16.65
27882	Soil	8.3	1.2	7.2	1.4	3.7	0.5	3.5	0.4	2.96	55.8	87.1	4.4	109.6	3.5	13.44
27895	Soil	22.3	3.0	19.2	3.5	8.8	1.2	8.3	1.0	2.98	24.7	96.2	9.6	241.7	3.5	22.88
27971	Soil	11.6	1.4	9.5	1.7	4.8	0.7	5.0	0.7	2.65	26.2	99.4	4.9	92.71	3.7	23.12
27956	Soil	6.8	0.9	5.8	1.0	2.8	0.4	3.0	0.4	2.65	25.6	96.2	3.1	60.64	5.4	24.64
27854	Soil	4.8	0.6	3.9	0.7	2.2	0.3	3.0	0.5	2.53	13.5	53.8	1.4	74.92	1.7	12.77
27904	Soil	2.3	0.4	2.3	0.4	1.1	0.2	1.1	0.2	2.83	19.8	97.0	2.7	51.07	2.1	21.35
27900	Soil	2.6	0.3	1.7	0.3	0.8	0.1	0.9	0.1	1.65	14.1	79.7	1.2	30.10	3.5	16.53
27899	Soil	10.3	1.3	8.7	1.6	4.0	0.5	3.5	0.4	3.11	48.2	103.5	5.1	115.0	7.3	17.16
27961	Soil	15.3	1.9	12.0	2.2	5.6	0.8	5.8	0.7	2.09	28.2	85.8	6.7	121.9	7.7	23.51
27988	Soil	3.6	0.4	2.3	0.4	1.0	0.1	1.2	0.2	1.73	16.2	66.1	0.7	11.02	2.4	15.38
27963	Soil	13.5	1.9	11.1	2.1	5.4	0.6	5.1	0.7	2.10	31.3	95.5	4.0	74.81	6.9	26.02
27979	Soil	5.0	0.7	4.2	0.8	1.8	0.3	1.9	0.3	1.54	14.6	52.9	2.6	63.76	1.4	16.45
27967	Soil	10.3	1.4	9.1	1.7	4.7	0.6	4.6	0.6	2.83	26.8	98.8	2.5	47.72	5.2	22.05
27986	Soil	2.9	0.4	2.5	0.4	1.1	0.2	1.3	0.2	1.39	15.1	69.8	2.2	45.68	3.8	20.75
27987	Soil	2.7	0.3	1.9	0.4	0.8	0.1	1.0	0.1	1.36	10.2	62.6	1.3	24.25	2.0	15.60
27975	Soil	6.3	0.9	5.8	1.1	2.7	0.4	2.6	0.3	2.05	20.0	68.2	6.6	111.6	2.3	19.79
27969	Soil	9.1	1.3	8.7	1.7	4.5	0.6	4.8	0.7	2.17	23.4	86.6	5.4	95.36	3.8	25.00
27970	Soil	6.2	0.9	6.2	1.1	3.3	0.5	3.4	0.4	1.93	23.7	117.2	5.8	97.79	4.5	22.78
27966	Soil	9.9	1.4	9.3	1.7	4.5	0.6	4.7	0.6	2.37	19.9	88.8	8.3	145.9	3.4	22.55
27960	Soil	17.8	2.5	15.3	2.9	7.5	1.0	7.6	1.0	2.39	24.7	102.3	7.7	134.9	7.1	23.95
27953	Soil	10.1	1.4	8.8	1.7	4.7	0.6	4.9	0.7	2.29	25.6	107.1	2.2	41.33	8.3	24.06
27952	Soil	6.3	0.8	5.5	1.0	2.6	0.3	2.7	0.3	2.01	19.5	69.9	4.3	80.41	4.6	20.74





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Project: True Blue  
 Report Date: July 27, 2010

Page: 3 of 8 Part 1

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T Mo	1T Cu	1T Pb	1T Zn	1T Ag	1T Ni	1T Co	1T Mn	1T Fe	1T As	1T U	1T Au	1T Th	1T Sr	1T Cd	1T Sb	1T Bi	1T V	1T Ca	1T P
Unit	MDL	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
27955	Soil	3.21	9.06	17.71	61.2	<20	14.6	5.2	365	3.67	5.8	4.3	<0.1	29.9	121	0.28	1.22	0.22	67	0.64	0.082
27884	Soil	1.55	69.19	126.8	841.6	138	43.9	22.5	866	5.34	23.2	12.8	<0.1	26.5	166	1.72	2.64	6.33	41	3.67	0.161
27921	Soil	10.82	16.82	51.71	179.1	<20	17.1	8.1	1050	4.85	9.3	7.2	<0.1	56.8	79	0.51	2.25	0.42	47	0.57	0.051
27922	Soil	11.64	16.45	31.50	124.9	<20	11.1	5.2	1130	4.42	6.6	7.4	<0.1	55.0	56	0.35	1.86	0.46	29	0.43	0.054
27876	Soil	1.25	86.35	24.65	762.1	*	60.3	38.7	1230	7.15	12.1	13.5	<0.1	40.6	92	0.66	3.63	0.96	82	7.10	0.213
27901	Soil	10.24	28.46	18.88	99.0	88	12.4	7.4	510	2.30	3.3	20.6	<0.1	9.5	351	0.21	0.79	0.49	64	2.08	0.127
27880	Soil	1.02	78.15	20.48	333.7	*	39.7	27.8	1261	6.93	21.9	15.5	<0.1	40.2	82	0.83	5.12	2.73	63	7.62	0.179
27877	Soil	1.22	111.6	21.55	585.6	*	57.0	40.5	1133	9.63	20.0	14.4	<0.1	43.0	94	0.99	5.22	1.32	127	7.36	0.241
27879	Soil	0.97	89.52	20.70	497.9	*	44.3	33.7	1349	7.56	22.9	10.4	0.2	22.0	87	0.84	5.30	8.49	101	9.47	0.137
27984	Soil	21.25	5.44	15.34	58.8	<20	12.7	3.2	653	2.73	6.1	1.6	<0.1	6.6	26	0.22	1.39	0.48	45	0.10	0.022
27954	Soil	8.26	23.10	38.94	114.7	<20	9.8	5.9	721	3.41	39.9	6.0	<0.1	24.3	301	0.24	0.92	0.28	41	0.99	0.099
27978	Soil	6.96	6.59	8.77	40.4	<20	15.6	3.4	206	1.79	4.5	2.5	<0.1	17.6	70	0.22	0.87	0.37	175	0.35	0.152
27858	Soil	1.88	161.3	3.45	551.7	179	73.8	42.9	1311	8.48	2.5	6.7	<0.1	9.9	34	0.40	0.46	0.18	41	3.08	0.074
27871	Soil	1.99	67.76	27.13	680.7	*	33.9	21.8	1104	6.42	36.5	15.0	<0.1	25.1	133	1.07	3.11	4.87	57	6.32	0.072
27918	Soil	8.74	19.69	58.21	186.8	*	20.5	8.9	859	4.49	15.4	5.6	<0.1	35.6	111	0.75	2.77	0.35	66	0.57	0.054
27903	Soil	1.57	19.53	11.08	56.1	139	3.8	4.3	365	1.50	3.2	2.8	<0.1	5.5	484	0.12	0.51	0.27	26	1.75	0.044
27872	Soil	0.82	123.1	27.95	1078	*	62.5	38.4	1020	7.86	31.0	8.8	<0.1	25.9	92	0.65	3.43	6.54	77	7.93	0.091
27875	Soil	1.03	101.2	24.28	746.8	*	58.3	30.8	954	6.62	14.0	18.0	<0.1	47.8	102	0.71	3.92	1.01	81	7.17	0.203
27951	Soil	4.65	20.53	132.3	495.1	116	28.5	11.9	867	3.54	39.3	8.0	<0.1	19.7	210	3.39	1.41	0.24	96	1.43	0.109
27890	Soil	19.15	123.7	73.09	439.7	<20	85.3	36.8	913	6.71	44.5	12.1	<0.1	54.3	91	1.30	4.85	1.86	231	0.97	0.122
27920	Soil	7.38	14.97	35.42	137.9	<20	18.3	7.4	641	3.85	10.8	4.9	<0.1	35.6	117	0.53	1.75	0.32	67	0.66	0.057
27910	Soil	10.69	6.41	27.04	128.6	<20	7.2	4.1	594	4.87	3.4	3.2	<0.1	20.7	63	0.38	1.05	0.40	24	0.20	0.043
27913	Soil	9.08	13.09	46.66	339.3	<20	11.8	5.5	681	4.68	11.0	4.1	<0.1	26.1	89	0.57	1.82	0.55	52	0.44	0.088
27912	Soil	9.91	9.56	47.12	166.1	<20	6.1	3.4	620	4.25	5.6	4.3	<0.1	28.0	81	0.43	1.35	0.40	27	0.35	0.072
27869	Soil	2.22	91.50	29.04	810.7	*	50.4	27.1	964	6.86	35.6	11.9	<0.1	35.7	129	0.91	3.53	4.40	90	6.67	0.142
27861	Soil	1.12	61.41	16.11	1280	<20	62.6	34.2	1438	7.02	7.4	18.4	<0.1	14.3	123	0.39	2.88	0.38	161	4.69	0.151
27974	Soil	11.18	20.03	19.32	137.2	<20	27.5	8.7	1311	5.27	10.7	5.4	<0.1	34.4	140	0.46	1.19	0.32	148	0.90	0.120
27866	Soil	18.23	92.59	70.38	661.2	<20	71.6	18.8	651	8.09	21.0	6.8	<0.1	15.6	52	2.08	1.87	0.62	225	1.41	0.124
27874	Soil	1.62	196.1	18.55	785.4	175	99.3	52.9	737	9.27	42.2	13.3	<0.1	16.5	82	0.63	2.96	3.80	60	4.14	0.095
27909	Soil	12.38	7.06	31.82	80.0	<20	8.5	5.1	555	5.22	3.7	3.2	<0.1	18.8	68	0.23	1.14	0.51	50	0.25	0.062

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Project: True Blue  
 Report Date: July 27, 2010

Page: 3 of 8 Part 2

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
27955	Soil	74.3	48	0.65	527	0.432	6.08	2.638	1.35	2.8	80.1	7.3	6	6.4	<0.04	26.7	174.5	16.2	62.1	9.6	1.0
27884	Soil	75.4	49	4.75	1374	0.198	4.99	0.816	1.09	2.5	128.7	8.5	6	5.3	0.09	39.5	138.5	13.3	50.4	7.8	1.1
27921	Soil	188.5	35	0.63	819	0.231	7.06	1.852	2.71	2.5	174.7	9.2	4	5.7	<0.04	36.5	443.6	36.0	135.5	20.2	1.1
27922	Soil	247.7	21	0.62	592	0.209	7.59	2.785	2.55	3.0	135.5	7.5	6	5.2	<0.04	42.6	567.4	48.0	182.9	27.1	1.2
27876	Soil	135.4	60	7.14	1807	0.285	4.82	0.357	0.72	2.5	173.4	15.1	4	7.9	0.10	84.6	248.9	23.7	87.1	15.2	1.8
27901	Soil	29.5	16	0.77	856	0.178	5.66	2.026	1.67	2.0	94.0	1.7	2	4.3	0.09	10.5	54.44	6.2	24.1	3.3	0.5
27880	Soil	219.0	32	8.48	1777	0.294	3.57	0.296	0.91	3.6	232.0	21.9	8	4.9	0.05	93.8	355.5	37.3	124.3	18.9	3.6
27877	Soil	198.2	45	6.87	1808	0.407	4.18	0.283	0.86	3.5	165.3	16.6	5	6.8	0.08	115.8	355.1	36.4	130.6	20.5	3.2
27879	Soil	137.8	40	8.43	1455	0.416	4.33	0.179	0.72	2.8	156.0	19.3	6	7.5	<0.04	70.5	223.9	23.3	83.1	12.2	2.6
27984	Soil	31.4	15	0.38	1145	0.138	5.89	0.386	2.67	2.6	82.3	6.5	4	1.7	0.07	12.1	52.95	5.9	19.7	2.9	0.5
27954	Soil	103.2	21	0.87	826	0.248	7.04	2.358	2.01	1.6	102.7	5.4	5	5.6	0.04	45.2	141.9	23.4	83.7	13.2	1.7
27978	Soil	29.0	53	0.42	416	0.265	4.34	2.153	1.26	3.2	53.2	3.7	3	7.1	<0.04	15.8	67.93	6.5	24.2	4.2	0.5
27858	Soil	65.2	47	10.07	2139	0.198	5.34	0.097	3.40	0.7	74.9	3.8	1	4.1	0.30	12.8	90.57	10.2	34.6	4.0	0.6
27871	Soil	102.8	28	5.79	1311	0.282	5.29	0.640	1.00	2.0	195.4	22.4	7	4.6	0.05	66.5	177.2	19.2	68.8	11.3	2.4
27918	Soil	125.7	42	0.73	830	0.303	6.64	1.696	2.46	2.1	155.4	6.9	3	6.7	0.04	31.0	262.2	27.2	97.9	14.7	1.2
27903	Soil	16.2	4	0.56	805	0.172	6.35	2.792	2.11	0.7	119.1	1.0	1	2.4	<0.04	7.4	32.35	3.5	12.3	1.9	0.4
27872	Soil	102.7	50	7.09	1955	0.304	5.18	0.315	0.64	2.5	172.9	24.5	5	6.3	0.13	59.1	182.3	20.5	70.7	11.2	1.7
27875	Soil	140.1	60	6.83	1857	0.323	4.69	0.335	0.71	2.1	174.3	17.1	4	8.3	0.08	97.7	252.1	28.0	97.9	16.5	2.5
27951	Soil	74.1	56	1.00	926	0.436	6.23	2.047	1.82	1.7	69.7	6.0	5	10.2	<0.04	46.4	132.0	16.7	63.2	9.8	1.5
27890	Soil	189.0	65	1.97	1956	0.274	6.13	0.633	2.40	7.5	129.1	8.5	7	14.4	0.06	89.2	316.0	36.0	127.6	20.5	1.8
27920	Soil	139.7	44	0.75	792	0.329	6.49	1.765	2.22	2.0	133.9	6.4	4	6.8	<0.04	26.9	278.3	29.4	103.9	15.0	1.2
27910	Soil	73.0	18	0.73	544	0.354	7.50	2.933	2.01	5.1	64.6	10.4	7	3.6	<0.04	23.4	175.2	16.9	61.2	9.4	0.8
27913	Soil	82.3	34	0.59	647	0.282	6.86	2.249	2.23	3.2	99.0	9.5	5	5.2	<0.04	19.0	188.1	19.1	66.2	10.1	0.9
27912	Soil	96.3	18	0.60	510	0.281	7.55	2.974	1.70	4.0	94.5	8.3	5	3.6	<0.04	27.7	205.4	22.6	79.6	11.5	0.8
27869	Soil	94.8	55	6.51	1072	0.315	5.11	0.611	0.81	2.4	173.7	21.0	6	8.0	0.05	79.9	162.5	18.5	65.5	11.3	1.7
27861	Soil	104.5	235	6.19	1232	0.813	6.32	0.656	0.78	3.2	102.3	18.1	6	14.7	0.06	24.5	187.6	16.2	50.8	6.3	1.8
27974	Soil	193.1	75	1.12	740	0.596	6.30	2.546	1.51	5.4	78.1	4.1	3	11.0	<0.04	65.8	343.2	40.1	139.4	19.0	2.3
27866	Soil	80.5	62	2.50	2165	0.331	5.62	1.603	2.11	4.8	74.8	14.1	5	9.7	0.08	38.6	124.5	13.4	49.0	7.3	1.1
27874	Soil	44.7	46	9.27	3003	0.251	5.24	0.271	2.42	2.5	117.1	9.5	2	5.4	0.20	23.0	79.61	8.6	30.4	4.5	0.4
27909	Soil	61.4	21	0.92	624	0.452	7.15	3.046	2.32	5.6	61.0	10.7	6	4.4	<0.04	25.1	121.7	13.0	46.8	7.2	0.9

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Project: True Blue  
 Report Date: July 27, 2010

Page: 3 of 8 Part 3

# CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.04	0.1	0.02	
27955	Soil	7.4	1.0	6.3	1.1	3.0	0.4	3.1	0.4	2.08	16.7	82.5	6.8	111.1	3.1	24.95
27884	Soil	7.8	1.0	6.7	1.3	3.4	0.4	3.2	0.4	3.52	38.2	55.8	3.8	93.32	3.4	14.21
27921	Soil	13.6	1.8	10.0	1.6	4.0	0.5	4.1	0.5	4.04	22.2	102.2	10.8	245.8	2.2	32.27
27922	Soil	18.2	2.3	13.1	2.1	5.1	0.6	5.0	0.6	3.23	23.4	94.5	11.4	258.4	3.4	39.64
27876	Soil	15.6	2.5	18.1	3.6	9.6	1.3	8.6	0.9	4.34	47.6	66.8	12.9	146.3	2.3	15.46
27901	Soil	2.7	0.3	2.1	0.3	1.0	0.1	1.0	0.1	2.31	16.1	52.8	0.7	18.99	2.9	15.67
27880	Soil	18.8	2.9	17.6	3.7	9.8	1.3	7.4	1.0	6.35	58.1	103.5	15.1	202.6	3.0	14.95
27877	Soil	21.0	3.6	23.2	4.9	13.3	1.7	10.6	1.3	4.19	45.6	89.8	20.4	208.7	2.3	16.39
27879	Soil	12.0	1.9	12.7	2.5	7.4	0.9	5.3	0.7	4.30	63.8	77.6	7.2	109.9	2.6	17.67
27984	Soil	2.5	0.4	2.1	0.4	1.2	0.1	1.2	0.2	2.16	12.4	86.6	1.1	34.22	3.4	22.00
27954	Soil	11.6	1.6	8.8	1.6	4.5	0.6	3.9	0.6	2.79	36.1	90.6	2.6	46.05	4.4	23.12
27978	Soil	3.3	0.6	3.3	0.7	1.8	0.2	1.5	0.2	1.60	12.1	55.5	3.6	68.72	1.1	17.76
27858	Soil	3.0	0.4	2.0	0.4	1.3	0.2	1.7	0.3	2.03	95.2	464.2	0.9	32.86	6.1	16.51
27871	Soil	12.7	1.8	11.5	2.4	6.3	0.8	5.0	0.6	5.25	61.6	107.9	11.1	136.3	3.6	21.99
27918	Soil	11.1	1.5	7.3	1.3	3.3	0.4	3.1	0.4	3.94	25.9	91.3	7.2	135.6	2.2	26.23
27903	Soil	1.6	0.2	1.4	0.2	0.7	<0.1	0.8	0.1	3.23	22.2	50.8	0.5	8.18	1.3	15.80
27872	Soil	11.3	1.8	11.7	2.3	6.4	0.8	4.7	0.6	4.49	58.4	52.3	10.6	114.1	2.1	19.04
27875	Soil	17.4	3.1	20.2	4.2	11.6	1.5	8.7	1.1	4.33	57.1	63.5	16.6	183.5	2.4	14.48
27951	Soil	9.0	1.5	8.7	1.8	4.6	0.6	4.2	0.6	2.08	22.7	84.6	3.6	67.03	4.5	17.84
27890	Soil	19.9	2.9	17.2	3.4	9.4	1.2	7.5	1.0	3.04	32.8	124.3	7.1	172.4	5.6	26.55
27920	Soil	10.7	1.5	7.2	1.2	3.1	0.4	2.8	0.4	3.40	25.1	85.0	6.9	143.5	2.3	24.17
27910	Soil	6.8	1.0	6.5	1.0	2.9	0.4	2.5	0.3	1.55	39.3	87.4	8.1	152.4	3.9	39.21
27913	Soil	7.3	1.0	5.0	0.8	2.3	0.3	2.2	0.3	2.32	28.8	93.9	6.2	117.4	4.2	33.02
27912	Soil	8.6	1.3	6.6	1.1	3.4	0.4	2.7	0.4	2.39	25.3	77.1	9.0	168.0	3.4	33.96
27869	Soil	13.0	2.3	14.8	3.2	8.4	1.1	6.2	0.8	4.45	56.2	64.9	8.2	114.3	2.8	18.00
27861	Soil	5.1	0.8	4.3	0.8	2.2	0.3	2.0	0.3	2.97	36.1	60.0	2.5	92.00	3.6	18.22
27974	Soil	16.2	2.2	12.8	2.5	6.3	0.8	5.0	0.7	2.12	31.9	109.1	9.8	187.4	3.2	23.18
27866	Soil	7.3	1.1	6.4	1.2	3.5	0.4	3.0	0.4	1.89	33.6	131.6	2.4	55.98	3.2	18.69
27874	Soil	4.2	0.6	3.9	0.7	2.0	0.3	1.8	0.3	2.94	61.3	191.2	3.8	99.76	4.3	13.58
27909	Soil	6.0	1.0	5.6	1.2	3.0	0.4	2.4	0.3	1.49	28.6	137.8	7.5	136.0	5.3	34.96

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Project: True Blue  
 Report Date: July 27, 2010

Page: 4 of 8 Part 1

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Unit	MDL	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
27958	Soil	13.42	23.63	84.50	183.9	<20	11.6	6.3	801	4.37	19.8	5.5	<0.1	27.3	212	0.26	1.01	0.35	47	0.72	0.106
27863	Soil	2.04	211.0	9.68	146.4	<20	131.3	66.3	1151	8.71	8.8	17.0	<0.1	67.0	238	0.30	13.90	0.22	44	3.02	0.572
27887	Soil	2.42	209.2	186.6	1092	234	95.0	65.7	882	7.36	55.2	4.0	<0.1	14.9	150	2.11	2.40	8.81	67	2.49	0.094
27889	Soil	21.43	78.93	70.08	415.9	<20	71.1	19.8	687	5.94	41.6	14.2	<0.1	37.0	74	0.69	3.04	1.47	239	0.74	0.103
27881	Soil	1.50	71.81	18.98	167.4	135	42.8	25.3	761	4.89	18.6	7.6	<0.1	20.0	69	0.49	2.90	1.43	44	5.33	0.149
27855	Soil	1.18	25.96	18.06	176.2	33	32.5	31.0	1545	5.28	8.4	6.7	<0.1	6.7	236	0.47	1.24	0.81	46	2.86	0.087
27916	Soil	11.68	24.32	85.09	333.1	<20	26.0	12.2	726	5.47	20.8	5.3	<0.1	35.4	101	0.79	3.19	0.51	83	0.57	0.063
27888	Soil	2.10	114.6	135.2	450.6	250	56.4	32.5	795	5.23	20.8	4.2	<0.1	19.6	183	1.82	2.21	4.04	58	15.69	0.091
27860	Soil	1.15	63.67	18.71	813.8	*	49.7	31.4	1162	6.81	7.2	20.0	<0.1	24.4	85	0.35	1.58	0.36	113	5.91	0.133
27864	Soil	2.43	790.7	7.02	41.0	682	321.0	158.4	915	21.47	11.0	11.0	<0.1	21.1	80	0.25	18.63	0.41	16	4.68	0.667
27886	Soil	1.63	90.62	265.2	1381	586	45.1	28.1	1495	5.30	15.2	4.4	<0.1	13.1	214	4.36	2.60	7.87	41	3.70	0.109
27973	Soil	17.96	14.47	16.42	123.5	<20	19.3	7.5	918	5.13	11.7	3.9	<0.1	24.6	126	0.36	1.18	0.32	110	0.75	0.139
27982	Soil	4.23	4.31	6.94	31.1	<20	17.6	2.5	389	1.73	3.2	2.3	<0.1	25.6	37	0.16	0.73	0.32	361	0.30	0.097
27962	Soil	3.96	23.99	16.82	66.6	63	13.3	8.0	744	3.13	5.8	7.8	<0.1	29.5	352	0.21	0.89	0.26	52	1.42	0.072
27964	Soil	4.84	27.17	19.26	92.3	<20	27.2	9.0	668	4.05	9.0	12.6	<0.1	28.5	199	0.25	1.42	0.25	82	1.09	0.106
27885	Soil	1.93	148.7	603.9	3073	656	65.2	37.9	1272	6.06	23.5	6.6	<0.1	20.0	228	7.06	2.92	7.77	53	3.06	0.116
27873	Soil	3.07	201.6	25.16	1014	416	100.3	54.9	844	9.32	42.5	17.4	<0.1	18.8	80	0.73	2.89	5.18	60	2.79	0.091
27859	Soil	1.52	179.0	10.62	774.2	*	89.7	62.1	1534	10.96	4.4	26.9	*	137.5	97	0.65	5.61	0.42	79	4.63	0.185
27868	Soil	1.31	98.69	29.29	835.2	*	54.3	27.8	1033	7.00	34.3	11.2	<0.1	43.4	90	0.79	3.88	3.96	83	7.32	0.165
27892	Soil	41.19	68.23	46.17	200.3	44	75.2	23.1	419	5.29	37.7	8.4	<0.1	26.4	44	0.30	3.25	1.66	276	0.57	0.102
27897	Soil	7.39	181.5	516.3	1830	*	65.4	49.8	1932	9.62	54.2	12.3	<0.1	53.3	76	6.91	5.88	3.62	116	3.52	0.109
27907	Soil	14.87	5.97	23.71	119.0	<20	7.3	5.7	587	5.44	3.8	3.6	<0.1	26.6	62	0.34	1.38	0.43	35	0.25	0.071
27853	Soil	1.01	312.6	17.22	133.6	652	110.3	99.8	1302	14.23	11.3	10.0	<0.1	6.9	108	0.31	1.54	4.47	47	2.24	0.071
27856	Soil	1.28	281.1	15.41	512.3	*	89.5	69.2	1340	10.53	13.3	28.4	<0.1	23.3	147	0.92	2.81	1.14	59	1.84	0.148
27870	Soil	6.18	88.41	29.41	763.7	*	48.9	33.0	1052	6.79	39.4	24.7	<0.1	33.9	117	0.70	3.60	3.96	89	6.53	0.141
27883	Soil	1.20	64.25	59.14	298.9	263	39.7	18.4	662	3.68	14.7	6.2	<0.1	17.7	98	1.07	2.08	4.15	36	5.87	0.117
27891	Soil	27.57	106.7	74.54	369.1	<20	101.8	29.4	811	6.07	53.8	10.5	<0.1	48.7	79	0.75	4.16	1.79	293	0.44	0.122
27915	Soil	9.47	7.16	36.04	129.0	<20	7.8	3.0	392	3.22	14.2	3.5	<0.1	22.9	78	0.38	1.60	0.36	45	0.40	0.090
27914	Soil	6.94	11.15	36.11	143.4	<20	11.0	4.4	523	3.64	24.0	3.8	<0.1	25.3	108	0.20	1.96	0.36	53	0.65	0.086
27862	Soil	1.09	24.89	23.60	205.3	373	37.0	28.0	989	4.95	10.8	4.5	<0.1	10.6	146	0.45	2.71	0.43	69	2.52	0.127

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Project: True Blue  
 Report Date: July 27, 2010

Page: 4 of 8 Part 2

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
27958	Soil	119.3	22	1.14	783	0.285	7.06	2.543	1.69	2.3	101.0	5.6	5	6.2	<0.04	45.2	207.0	26.7	93.6	13.7	1.9
27863	Soil	197.4	15	7.43	4213	0.165	4.90	1.029	2.22	3.2	127.6	3.0	5	3.6	0.07	121.8	369.5	40.1	145.3	20.6	1.8
27887	Soil	55.7	45	5.79	1797	0.244	5.62	0.803	1.43	3.4	91.0	10.0	3	6.9	0.07	26.5	92.67	9.3	33.9	5.2	1.3
27889	Soil	93.1	64	1.49	1778	0.235	6.03	0.756	2.53	4.9	96.4	8.8	6	11.5	<0.04	55.3	154.4	19.7	69.7	12.3	1.3
27881	Soil	110.6	33	8.67	1887	0.206	3.63	0.340	1.40	2.6	99.9	9.2	3	5.0	0.09	47.7	181.5	18.2	61.4	9.0	1.5
27855	Soil	31.5	27	6.11	602	0.203	4.63	1.291	1.03	2.1	118.6	2.3	<1	5.2	0.08	18.7	50.25	5.7	20.3	3.5	0.6
27916	Soil	123.8	49	0.89	859	0.341	6.91	1.503	2.38	2.3	149.6	5.9	3	8.0	<0.04	25.7	253.7	26.7	97.6	14.8	1.3
27888	Soil	61.5	31	5.17	1299	0.235	3.66	0.383	1.01	4.2	89.5	10.1	1	5.5	0.09	29.8	112.0	11.5	40.8	6.4	1.2
27860	Soil	83.3	141	8.49	4951	0.511	5.38	0.299	1.49	1.6	171.3	16.9	11	11.3	0.05	42.2	164.9	14.5	49.4	8.2	0.6
27864	Soil	143.5	10	6.49	147	0.085	2.73	0.158	2.08	7.7	41.6	1.8	1	1.3	0.63	37.7	251.1	23.7	75.7	8.5	1.0
27886	Soil	67.7	32	4.40	1911	0.200	4.96	1.171	1.37	1.6	93.5	4.9	3	4.7	0.08	26.3	101.4	10.4	34.9	5.0	1.0
27973	Soil	97.2	62	0.95	584	0.646	6.02	2.615	1.31	6.7	70.3	4.7	3	8.7	<0.04	53.6	218.9	20.9	74.6	12.6	1.5
27982	Soil	45.9	88	0.69	483	0.230	4.61	1.198	1.71	4.8	48.8	3.8	5	10.6	<0.04	12.9	114.4	10.1	36.5	5.5	0.6
27962	Soil	115.1	33	0.64	839	0.315	8.80	2.511	2.07	1.9	111.4	6.4	5	6.0	<0.04	37.1	189.9	22.9	80.9	12.2	1.3
27964	Soil	92.9	63	1.09	865	0.441	6.55	2.313	2.06	2.8	79.7	9.3	8	9.1	<0.04	56.3	161.6	21.0	76.1	12.1	1.7
27885	Soil	60.4	39	6.38	2098	0.225	6.27	1.246	1.71	2.1	117.4	6.5	3	5.4	<0.04	31.9	95.48	9.5	33.1	5.0	0.9
27873	Soil	45.6	52	8.23	4488	0.243	5.89	0.333	2.02	2.4	110.3	9.7	2	5.2	0.27	32.2	80.35	9.1	33.8	5.5	0.4
27859	Soil	602.3	62	8.50	2323	0.230	4.37	0.209	0.90	2.8	303.4	11.4	22	6.1	0.08	181.4	953.7	80.9	276.8	43.6	4.0
27868	Soil	104.9	61	7.01	1128	0.306	4.78	0.294	0.46	2.5	179.0	22.1	6	7.9	0.09	90.2	196.2	21.3	77.7	13.4	2.0
27892	Soil	70.9	80	1.26	2386	0.202	5.43	0.673	2.30	3.5	65.4	4.2	4	10.8	<0.04	27.1	126.6	14.9	54.4	8.5	0.8
27897	Soil	147.9	61	5.82	1843	0.310	5.50	0.419	2.09	7.9	148.8	17.6	12	10.2	0.07	91.0	243.8	27.2	94.8	15.1	2.9
27907	Soil	98.8	17	1.13	749	0.412	7.03	2.981	2.43	8.1	71.0	12.5	8	3.7	<0.04	37.0	198.0	20.2	68.9	11.1	1.1
27853	Soil	29.9	38	5.78	717	0.183	3.33	0.695	0.65	4.9	92.8	6.0	1	5.6	0.07	13.9	49.50	5.3	18.6	2.8	0.5
27856	Soil	68.0	44	6.91	547	0.266	3.89	0.889	0.73	4.2	101.6	3.8	1	5.6	0.05	26.6	102.3	12.2	42.2	5.7	1.0
27870	Soil	98.4	58	6.79	1102	0.305	5.02	0.495	0.66	2.3	175.8	19.9	6	8.7	0.06	85.0	170.3	19.5	68.5	11.5	1.9
27883	Soil	62.5	28	5.20	1245	0.184	3.19	0.342	0.73	2.1	102.8	9.6	5	4.1	0.10	30.3	100.2	10.3	35.6	5.4	0.9
27891	Soil	75.8	91	1.02	1443	0.197	6.71	0.842	2.57	4.2	105.1	8.4	7	12.8	0.05	53.7	147.5	17.7	64.5	12.0	1.2
27915	Soil	84.6	33	0.45	630	0.304	6.29	1.765	2.13	2.9	117.7	9.3	3	4.2	<0.04	16.2	161.7	17.9	61.7	9.1	0.7
27914	Soil	103.3	38	0.63	835	0.287	6.81	1.719	2.24	2.6	129.9	6.8	4	5.8	<0.04	23.7	202.8	22.0	77.7	11.1	0.9
27862	Soil	52.5	51	7.66	745	0.269	4.14	0.963	0.87	2.5	125.3	3.8	2	7.3	0.06	30.2	79.85	9.8	34.5	5.7	1.1

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**Project:** True Blue  
**Report Date:** July 27, 2010

**Page:** 4 of 8 Part 3

# CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
27958	Soil	11.2	1.7	9.5	1.8	4.6	0.6	4.1	0.6	2.52	42.0	95.9	2.9	61.72	5.7	26.90
27863	Soil	19.2	2.8	16.6	3.4	8.3	0.9	5.8	0.8	3.07	48.6	149.4	10.3	265.8	4.7	13.47
27887	Soil	5.4	0.7	4.2	0.8	2.2	0.3	1.9	0.3	2.27	53.5	74.1	1.6	46.29	4.2	12.96
27889	Soil	11.2	1.8	10.8	2.1	5.2	0.7	4.4	0.6	2.45	34.9	144.3	4.2	111.2	5.1	25.01
27881	Soil	9.5	1.4	8.2	1.6	4.6	0.5	3.7	0.5	2.61	77.7	123.1	5.5	95.21	3.7	10.10
27855	Soil	3.1	0.4	2.7	0.6	1.9	0.3	2.5	0.5	3.01	13.5	41.9	0.8	33.27	1.3	10.13
27916	Soil	10.3	1.4	6.5	1.1	2.9	0.3	2.8	0.4	3.79	34.7	95.9	6.9	125.1	3.1	26.51
27888	Soil	5.5	0.8	4.8	0.9	2.4	0.3	1.8	0.2	2.01	29.2	54.5	2.9	69.00	2.2	7.85
27860	Soil	9.1	1.2	7.6	1.4	3.8	0.4	3.0	0.4	3.79	68.2	137.7	7.9	162.5	4.6	15.79
27864	Soil	6.3	0.9	5.2	1.0	2.8	0.3	2.1	0.3	1.01	37.9	177.3	0.8	45.14	4.2	5.48
27886	Soil	4.9	0.7	4.2	0.8	2.4	0.3	2.2	0.3	2.35	39.2	65.1	1.6	42.11	2.4	11.74
27973	Soil	11.5	1.8	10.8	2.2	5.7	0.7	4.5	0.6	1.98	28.6	94.7	10.4	200.2	3.2	22.94
27982	Soil	3.9	0.5	2.9	0.5	1.5	0.2	1.2	0.2	1.35	22.5	81.6	1.1	50.61	8.1	18.87
27962	Soil	10.1	1.4	8.0	1.5	3.7	0.5	3.7	0.5	3.23	30.6	85.1	3.7	61.37	3.8	22.82
27964	Soil	10.7	1.6	10.3	2.1	5.8	0.7	4.8	0.7	2.53	30.7	125.3	5.1	93.33	4.8	22.37
27885	Soil	4.6	0.7	4.5	1.0	2.6	0.3	2.3	0.3	2.84	61.5	100.0	2.1	56.71	4.0	15.38
27873	Soil	6.6	0.9	5.6	1.1	3.0	0.3	2.6	0.4	2.82	77.6	182.0	4.0	89.74	5.7	15.72
27859	Soil	40.5	6.2	35.2	6.1	14.6	1.8	11.4	1.5	6.03	45.1	101.7	46.4	941.2	4.8	22.42
27868	Soil	13.3	2.5	16.7	3.6	9.8	1.2	7.2	0.9	4.46	58.8	49.5	9.6	129.9	2.7	17.23
27892	Soil	7.5	1.0	5.5	1.1	2.7	0.4	2.7	0.4	1.70	29.0	114.6	2.0	57.27	4.4	18.76
27897	Soil	15.4	2.5	14.9	3.1	8.3	1.0	6.4	0.8	3.36	49.9	185.8	5.8	234.8	8.2	21.43
27907	Soil	8.7	1.3	8.1	1.6	4.4	0.6	3.5	0.5	1.57	43.0	127.7	9.2	176.7	6.1	34.19
27853	Soil	2.4	0.4	2.3	0.5	1.3	0.2	2.1	0.5	2.18	11.5	38.7	0.8	28.63	1.2	9.31
27856	Soil	4.7	0.7	4.1	0.9	2.9	0.4	4.2	0.9	2.34	12.3	37.4	2.0	130.3	1.1	10.76
27870	Soil	13.2	2.3	14.9	3.3	9.1	1.1	6.7	0.9	4.58	59.4	52.7	8.4	118.4	3.0	17.90
27883	Soil	5.2	0.8	4.6	1.0	2.5	0.3	2.1	0.3	2.49	41.4	59.9	2.3	72.66	2.9	7.88
27891	Soil	11.0	1.9	11.4	2.2	6.1	0.7	4.8	0.7	2.41	33.6	119.6	4.6	114.6	5.4	25.64
27915	Soil	6.4	0.8	3.7	0.7	1.8	0.2	1.8	0.3	2.78	23.9	100.3	6.2	117.9	3.6	32.10
27914	Soil	8.0	1.2	5.6	1.0	2.6	0.4	2.4	0.4	3.18	27.9	97.3	5.1	95.99	3.9	28.76
27862	Soil	4.7	0.7	4.6	0.9	2.8	0.4	3.6	0.7	3.06	19.9	50.3	1.1	32.22	2.2	9.41

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Project: True Blue  
 Report Date: July 27, 2010

Page: 5 of 8 Part 1

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
27919	Soil	11.04	14.48	40.09	151.3	<20	13.9	6.1	618	4.58	10.3	5.9	<0.1	44.4	78	0.42	1.99	0.40	56	0.51	0.067
27878	Soil	1.11	42.14	17.70	306.6	127	26.7	17.3	1037	5.56	15.1	8.1	<0.1	21.3	152	0.26	3.26	2.39	81	6.39	0.120
27865	Soil	0.86	414.1	13.02	159.2	547	204.6	153.1	2103	16.06	11.6	6.0	<0.1	25.7	100	0.35	5.25	0.32	106	3.50	0.596
27857	Soil	1.53	180.4	5.66	105.9	194	118.7	84.2	951	6.30	190.2	2.5	<0.1	11.3	56	0.28	0.59	0.87	29	10.23	0.428
27867	Soil	1.20	109.3	30.44	886.1	*	59.7	35.7	1131	7.69	39.1	11.3	<0.1	44.3	85	0.98	4.28	4.46	90	7.40	0.144
27898	Soil	4.47	145.2	461.1	1418	*	52.5	27.3	1332	7.02	41.3	5.8	<0.1	30.7	116	4.14	5.00	1.14	119	4.77	0.099
27852	Soil	0.77	142.1	7.96	100.0	177	68.9	51.4	954	7.46	5.1	4.0	<0.1	4.3	87	0.23	0.66	3.86	40	2.13	0.042
27851	Soil	1.13	146.8	14.95	168.8	304	73.4	48.9	1240	8.97	9.6	9.1	<0.1	10.3	159	0.36	1.42	2.58	57	1.87	0.096
27894	Soil	9.94	59.10	65.11	256.0	<20	67.4	20.5	463	4.46	39.1	12.8	<0.1	64.8	142	0.65	3.62	1.56	225	0.78	0.117
27905	Soil	8.08	14.91	10.73	57.2	<20	5.4	5.6	350	3.68	3.2	3.1	<0.1	14.2	316	0.14	0.81	0.25	46	1.19	0.109
27893	Soil	14.23	150.1	88.86	537.0	*	95.9	41.6	946	7.62	50.7	14.5	<0.1	65.8	61	1.86	5.74	2.11	226	1.11	0.095
27917	Soil	1.49	18.34	9.29	56.3	65	8.2	9.7	426	2.79	1.9	1.6	<0.1	4.0	587	0.13	0.41	0.10	85	2.29	0.045
27896	Soil	43.20	103.5	83.05	460.8	54	77.4	32.5	743	5.74	36.6	8.4	<0.1	32.9	70	1.03	3.78	1.26	243	0.51	0.151
27908	Soil	12.56	5.71	19.06	73.8	<20	6.9	4.2	428	5.25	3.3	3.9	<0.1	26.3	61	0.23	1.32	0.36	42	0.26	0.057
27902	Soil	3.02	22.67	18.53	113.7	45	12.9	7.4	500	2.63	4.0	4.1	<0.1	8.7	400	0.38	0.80	0.76	53	2.67	0.101
27911	Soil	9.50	7.59	27.04	136.8	<20	7.2	3.4	419	4.03	5.9	3.5	<0.1	20.7	90	0.34	1.19	0.42	39	0.37	0.048
27906	Soil	19.51	5.85	11.17	70.2	<20	7.0	4.4	323	5.95	5.0	3.8	<0.1	20.6	57	0.15	1.21	0.38	44	0.24	0.052
27976	Soil	9.06	16.25	17.19	109.4	<20	27.9	8.5	792	3.75	7.6	4.9	<0.1	32.0	147	0.27	1.10	0.36	150	0.91	0.083
27981	Soil	120.7	20.28	18.15	52.7	<20	40.7	11.4	2535	6.26	23.5	6.6	<0.1	104.7	50	0.35	3.32	2.58	307	0.21	0.157
27965	Soil	8.22	21.55	19.15	59.3	<20	15.1	5.3	481	3.05	6.2	7.5	<0.1	24.0	175	0.19	1.18	0.38	90	0.86	0.101
27972	Soil	14.96	11.10	19.46	109.6	<20	21.1	6.9	928	4.33	6.3	3.1	<0.1	17.7	116	0.21	1.15	0.48	194	0.72	0.143
27980	Soil	11.37	8.95	12.72	55.5	<20	36.8	6.7	347	2.67	10.8	3.3	<0.1	19.8	126	0.20	1.51	0.54	193	0.66	0.147
28015	Soil	9.23	10.02	10.63	42.6	<20	7.0	3.6	326	3.23	4.3	7.0	<0.1	35.8	120	0.19	1.03	0.28	38	0.48	0.074
28017	Soil	18.51	29.11	33.43	117.0	<20	6.3	6.5	976	4.64	9.6	9.8	<0.1	35.0	336	0.27	1.10	0.45	37	1.33	0.064
28016	Soil	3.17	17.92	9.36	49.5	<20	4.8	5.8	404	2.21	2.2	2.0	<0.1	8.1	490	0.13	0.51	0.16	49	1.69	0.066
28036	Soil	2.71	15.36	9.89	49.9	89	4.9	6.1	389	1.99	4.5	2.1	<0.1	4.6	527	0.13	0.42	0.14	48	2.01	0.076
28038	Soil	5.43	16.32	13.16	49.9	123	5.1	5.3	470	1.79	3.5	2.5	<0.1	6.0	506	0.15	0.46	0.17	40	1.68	0.061
28030	Soil	4.31	14.84	14.02	50.0	<20	7.7	5.0	480	2.13	13.6	2.9	<0.1	9.3	392	0.18	0.58	0.21	60	1.50	0.133
28027	Soil	3.63	8.37	15.02	59.2	<20	16.2	5.1	457	2.58	58.3	4.0	<0.1	14.4	213	0.16	0.98	0.22	119	1.36	0.148
28033	Soil	10.46	8.76	14.35	61.5	<20	8.8	4.7	541	3.08	13.8	3.0	<0.1	20.3	343	0.30	1.10	0.17	71	2.30	0.062

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Project: True Blue  
 Report Date: July 27, 2010

Page: 5 of 8 Part 2

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	0.1
27919	Soil	154.2	37	0.59	756	0.320	6.52	1.851	2.53	2.7	165.8	10.1	4	5.8	<0.04	31.5	320.4	32.6	112.8	16.2	1.0
27878	Soil	109.7	38	6.58	1013	0.362	4.79	0.690	0.65	2.2	156.7	15.9	5	6.7	0.04	58.5	189.9	19.4	66.3	10.3	2.1
27865	Soil	295.3	13	9.11	1189	0.530	3.90	0.225	0.89	5.0	67.7	20.6	3	7.6	0.04	53.5	417.8	35.7	108.3	11.8	1.8
27857	Soil	89.5	20	9.49	3482	0.189	2.96	0.181	1.10	1.0	163.6	12.8	2	3.1	0.10	22.8	141.3	15.3	52.0	6.2	0.6
27867	Soil	111.5	64	7.67	1329	0.332	4.77	0.306	0.62	2.5	180.1	22.8	7	8.6	0.08	89.2	201.0	22.9	80.8	13.7	2.1
27898	Soil	68.9	58	6.51	1476	0.266	5.53	0.481	1.22	6.9	116.8	15.7	6	7.5	0.05	50.9	125.8	14.3	51.6	8.6	1.6
27852	Soil	19.9	24	10.62	7588	0.158	5.49	0.448	2.67	1.4	63.1	4.4	1	3.0	0.12	9.7	35.11	3.8	13.8	2.3	<0.1
27851	Soil	44.7	43	6.84	950	0.242	4.57	1.042	0.92	3.3	106.0	4.3	1	6.0	0.06	19.1	67.82	8.1	27.8	4.4	0.7
27894	Soil	165.7	65	1.12	1160	0.241	5.77	1.193	2.34	4.9	161.9	8.7	8	10.4	<0.04	91.5	320.1	37.3	133.4	22.9	1.6
27905	Soil	41.2	14	0.73	870	0.372	8.30	2.600	2.01	3.2	110.0	6.6	4	4.2	<0.04	19.5	77.57	8.0	27.8	4.4	0.6
27893	Soil	154.7	75	2.97	1943	0.271	6.38	0.549	2.34	6.8	130.5	10.8	7	17.7	0.04	102.5	249.1	31.9	112.3	20.0	1.9
27917	Soil	12.8	13	0.88	673	0.357	6.24	2.837	1.83	0.4	109.3	1.7	1	6.2	<0.04	7.4	26.84	3.1	12.6	2.2	0.5
27896	Soil	77.6	65	0.93	1752	0.186	5.65	0.750	2.40	6.0	76.7	6.6	4	10.3	0.05	32.4	137.3	16.5	60.0	9.7	1.0
27908	Soil	91.8	17	1.11	750	0.417	6.58	2.958	2.31	5.3	74.3	12.1	7	4.2	<0.04	34.6	185.2	18.9	64.3	9.8	1.0
27902	Soil	27.4	16	1.53	736	0.246	5.97	2.209	1.58	1.1	117.9	3.3	3	4.2	0.05	12.7	48.51	5.3	19.1	3.0	0.7
27911	Soil	75.8	23	0.49	524	0.306	6.76	2.832	1.80	3.7	86.2	9.2	5	4.1	<0.04	18.1	145.6	17.1	57.0	8.8	0.7
27906	Soil	73.9	19	0.93	872	0.456	6.78	2.471	2.35	5.8	92.7	14.0	6	4.0	<0.04	30.9	141.9	15.5	52.0	7.7	0.8
27976	Soil	78.9	82	0.93	701	0.419	5.64	2.147	1.41	4.2	75.1	4.4	5	10.1	<0.04	42.8	146.8	18.1	66.4	10.4	1.3
27981	Soil	120.7	71	0.51	459	0.166	6.76	0.585	3.18	6.7	60.3	7.8	5	8.2	0.05	57.8	341.5	25.8	97.1	15.4	1.9
27965	Soil	72.4	48	0.64	860	0.401	6.26	1.573	1.81	2.6	95.4	7.7	5	7.8	0.05	37.4	107.0	15.9	60.8	9.6	1.2
27972	Soil	69.5	74	1.00	623	0.447	5.93	2.398	1.49	3.9	73.4	6.6	4	9.8	0.05	30.4	159.4	16.9	65.2	9.9	1.1
27980	Soil	47.8	62	0.53	663	0.298	6.06	1.641	1.64	3.0	63.7	4.2	3	8.6	<0.04	22.3	106.6	11.3	44.8	6.9	0.9
28015	Soil	85.9	20	0.46	533	0.304	6.69	2.415	1.72	3.9	103.4	17.8	8	3.9	<0.04	37.6	160.8	16.8	60.5	9.1	0.7
28017	Soil	95.5	7	0.86	705	0.253	8.44	2.478	2.44	2.5	106.7	7.6	6	4.9	<0.04	49.1	181.1	21.7	82.2	13.2	1.1
28016	Soil	25.4	6	0.60	742	0.255	7.16	2.717	2.09	0.9	123.7	3.0	1	4.0	<0.04	8.6	51.53	5.8	21.9	3.2	0.5
28036	Soil	15.1	5	0.66	740	0.243	6.74	2.858	2.09	0.6	107.4	1.1	1	4.6	<0.04	7.6	31.92	3.7	15.7	2.3	0.6
28038	Soil	17.4	5	0.56	783	0.221	6.86	2.905	2.28	0.8	119.9	1.4	1	3.6	<0.04	7.3	33.63	3.8	14.9	2.2	0.5
28030	Soil	28.9	11	0.84	697	0.272	6.71	2.668	1.91	1.2	101.5	2.2	2	5.2	0.05	16.4	52.12	6.5	24.6	4.0	0.6
28027	Soil	53.6	27	1.67	630	0.468	7.19	2.629	1.56	3.1	77.8	4.7	4	7.4	<0.04	24.6	97.65	11.4	42.8	6.6	0.9
28033	Soil	58.9	14	1.02	883	0.516	7.56	2.926	2.21	2.1	90.1	6.9	4	4.6	<0.04	34.5	124.6	13.3	50.4	8.1	1.0

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Project: True Blue  
 Report Date: July 27, 2010

Page: 5 of 8 Part 3

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
27919	Soil	10.5	1.6	8.2	1.4	3.6	0.5	3.4	0.4	4.09	28.3	106.7	10.1	186.8	2.5	31.27
27878	Soil	9.9	1.6	10.1	2.1	5.6	0.7	4.3	0.6	4.02	50.2	42.9	7.2	96.14	2.3	16.04
27865	Soil	9.3	1.3	8.2	1.5	4.3	0.6	5.0	0.9	1.85	48.9	108.7	1.4	47.98	3.7	13.73
27857	Soil	4.8	0.6	3.4	0.7	1.8	0.2	1.6	0.2	5.22	44.5	111.6	1.3	28.35	2.0	5.68
27867	Soil	15.1	2.5	16.7	3.5	9.7	1.1	7.3	0.9	4.51	56.4	71.3	9.9	160.6	3.0	17.71
27898	Soil	9.0	1.5	8.0	1.6	4.5	0.5	3.2	0.4	2.83	39.2	83.3	4.1	107.5	5.0	15.70
27852	Soil	3.8	0.3	1.6	0.3	1.0	0.1	1.4	0.2	1.57	37.0	225.5	1.5	52.19	3.2	9.66
27851	Soil	3.2	0.5	3.1	0.6	2.1	0.3	2.6	0.6	2.64	15.9	52.5	1.2	32.31	1.8	10.68
27894	Soil	20.6	3.4	20.0	3.7	10.8	1.3	8.4	1.0	3.93	28.7	94.4	13.2	265.9	3.5	23.90
27905	Soil	4.1	0.7	4.1	0.8	2.5	0.3	1.9	0.3	2.75	24.2	119.7	5.8	106.5	3.1	25.88
27893	Soil	19.5	3.3	20.3	4.1	10.3	1.3	8.4	1.2	2.95	47.6	144.9	7.1	180.1	8.5	34.33
27917	Soil	2.0	0.3	1.5	0.3	0.8	<0.1	0.7	<0.1	2.78	17.3	39.3	0.4	6.67	1.0	17.87
27896	Soil	8.0	1.3	6.8	1.3	3.2	0.4	3.0	0.4	1.80	22.6	111.2	2.7	67.31	3.4	19.51
27908	Soil	7.6	1.2	7.6	1.5	4.0	0.5	3.4	0.5	1.69	36.1	129.8	8.8	170.5	5.9	32.46
27902	Soil	2.5	0.4	2.2	0.4	1.2	0.2	1.0	0.2	2.93	22.0	42.1	1.2	27.39	1.6	16.20
27911	Soil	6.0	0.9	4.5	0.8	2.1	0.3	1.9	0.3	2.02	21.1	92.8	6.6	118.2	3.4	33.17
27906	Soil	5.8	1.1	7.2	1.3	3.8	0.5	3.0	0.4	2.12	29.6	137.6	10.6	195.6	4.5	35.14
27976	Soil	9.9	1.5	8.9	1.7	4.6	0.6	3.9	0.5	2.19	26.4	81.4	6.9	117.4	2.3	21.74
27981	Soil	13.9	2.4	15.3	2.8	6.6	0.9	5.3	0.7	1.52	23.0	120.2	8.1	223.7	5.8	24.30
27965	Soil	8.4	1.2	7.4	1.5	3.8	0.5	3.5	0.5	2.73	21.4	102.2	3.7	63.78	6.0	21.66
27972	Soil	7.7	1.1	7.0	1.3	3.2	0.4	3.1	0.4	2.07	28.5	106.9	5.1	91.65	3.5	21.12
27980	Soil	5.8	0.8	4.9	1.0	2.5	0.3	2.3	0.3	1.86	21.3	65.5	3.3	67.13	2.7	18.23
28015	Soil	7.1	1.2	8.0	1.6	4.6	0.6	4.1	0.6	2.81	22.7	87.8	14.7	249.0	3.2	30.19
28017	Soil	11.5	1.8	11.2	2.0	5.2	0.7	4.3	0.6	2.68	32.2	92.9	5.2	107.9	6.2	29.99
28016	Soil	2.2	0.3	1.8	0.3	0.9	0.1	1.0	0.1	3.16	20.6	48.9	2.0	33.36	1.6	20.16
28036	Soil	2.1	0.3	1.5	0.3	0.8	0.1	0.8	0.1	2.83	19.2	43.0	0.7	12.72	1.3	18.03
28038	Soil	1.9	0.2	1.5	0.3	0.8	<0.1	0.8	0.1	2.91	20.9	50.7	0.8	14.68	1.5	18.32
28030	Soil	3.7	0.5	3.3	0.6	1.6	0.2	1.5	0.2	2.50	21.4	53.2	1.7	34.41	2.0	18.21
28027	Soil	5.5	0.8	5.1	1.0	2.4	0.3	2.3	0.3	1.94	25.7	58.8	5.3	117.9	2.9	24.06
28033	Soil	6.4	1.1	6.8	1.4	3.5	0.5	3.2	0.4	2.34	19.2	69.8	8.2	171.0	2.3	26.12

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Project: True Blue  
 Report Date: July 27, 2010

Page: 6 of 8 Part 1

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
28023	Soil	17.97	14.43	62.20	192.3	<20	6.1	4.7	985	4.64	53.3	11.0	<0.1	27.9	259	0.34	1.65	0.53	31	2.15	0.070
28022	Soil	19.96	15.28	67.37	223.4	*	7.2	5.7	972	4.72	46.6	8.9	<0.1	26.9	283	1.50	1.56	0.52	36	1.24	0.087
28021	Soil	7.33	6.11	23.32	88.2	<20	13.7	3.2	397	3.41	44.2	5.0	<0.1	25.3	191	0.23	1.32	0.25	87	0.85	0.076
28041	Soil	1.84	16.74	9.69	48.0	135	4.2	5.8	394	1.79	2.2	1.9	<0.1	5.0	522	0.13	0.40	0.13	39	1.93	0.060
28018	Soil	5.56	8.11	26.02	88.6	<20	21.2	3.1	411	2.68	44.5	17.2	<0.1	20.4	191	0.26	1.15	0.24	120	1.11	0.108
28040	Soil	5.20	14.97	13.28	50.8	107	4.8	5.9	500	2.18	3.9	2.2	<0.1	7.4	478	0.19	0.48	0.17	45	1.99	0.095
28035	Soil	8.74	7.08	27.77	92.6	<20	13.8	4.5	703	3.01	22.7	7.3	<0.1	19.7	211	0.40	1.27	0.16	93	2.45	0.172
28024	Soil	21.01	14.54	69.03	270.6	<20	6.7	5.7	1550	5.22	54.7	12.3	<0.1	29.6	209	0.87	1.71	0.61	29	1.84	0.072
28042	Soil	10.67	5.37	26.92	77.4	<20	6.9	2.9	829	3.13	22.5	3.0	<0.1	17.3	130	0.25	1.04	0.25	56	0.79	0.066
28034	Soil	11.08	21.92	29.00	88.9	38	10.5	5.2	700	2.81	49.2	35.1	<0.1	11.8	270	0.59	0.86	0.23	61	2.53	0.178
28019	Soil	9.79	8.15	32.49	153.3	<20	24.4	3.3	339	3.38	16.0	7.6	<0.1	28.4	153	0.30	1.87	0.40	117	0.99	0.131
28020	Soil	9.98	6.95	27.75	84.9	<20	13.6	4.1	914	2.61	13.5	2.8	<0.1	17.1	165	0.22	1.37	0.29	110	0.81	0.171
28006	Soil	16.51	18.10	12.46	58.0	<20	5.5	6.5	707	3.42	2.0	5.7	<0.1	47.3	425	0.17	0.55	0.20	45	1.67	0.073
28009	Soil	11.56	6.45	7.41	42.1	<20	6.0	2.9	501	3.36	2.4	6.3	<0.1	31.8	65	0.28	0.94	0.23	37	0.22	0.030
28005	Soil	38.19	13.81	22.21	87.2	<20	5.4	4.4	1167	5.63	3.6	22.6	<0.1	147.9	159	0.25	0.84	0.30	22	0.73	0.081
28001	Soil	6.42	21.55	16.64	68.2	<20	6.2	5.6	609	3.25	2.4	16.0	<0.1	38.8	375	0.15	0.54	0.23	43	1.58	0.090
28037	Soil	9.03	5.21	40.99	78.8	<20	18.3	3.0	413	2.68	24.0	3.3	<0.1	12.6	167	0.19	1.12	0.23	136	1.34	0.096
28025	Soil	5.22	4.27	23.79	69.0	<20	10.8	4.2	659	3.10	26.2	3.8	<0.1	16.5	260	0.27	1.24	0.34	72	3.01	0.106
28031	Soil	7.60	14.22	18.96	57.2	<20	10.9	5.3	593	2.64	23.4	12.4	<0.1	13.9	316	0.21	0.80	0.25	67	1.88	0.187
28039	Soil	5.06	12.89	17.71	87.1	<20	6.7	4.5	744	2.63	11.2	3.9	<0.1	13.7	347	0.30	0.68	0.21	52	1.78	0.083
28029	Soil	1.63	15.28	8.84	45.3	42	4.6	5.2	338	1.60	2.5	2.1	<0.1	4.7	477	0.12	0.48	0.13	46	1.88	0.057
28028	Soil	2.68	11.49	11.40	49.4	<20	14.8	5.9	341	2.04	7.1	2.0	<0.1	8.2	345	0.16	0.77	0.18	112	1.67	0.104
28032	Soil	13.91	9.44	16.60	75.6	<20	12.3	5.2	696	3.01	39.2	6.3	<0.1	15.9	250	0.55	1.18	0.17	76	2.17	0.115
28026	Soil	5.42	6.17	16.06	53.2	<20	15.2	4.6	353	2.35	27.4	2.8	<0.1	12.6	177	0.11	1.28	0.23	135	1.00	0.087
27654	Soil	5.35	9.67	78.13	139.0	<20	12.2	5.8	844	4.80	20.1	3.4	<0.1	15.6	250	0.68	1.80	0.32	45	1.33	0.077
27998	Soil	19.27	8.10	108.0	253.5	*	10.8	4.5	865	5.21	28.0	6.3	<0.1	28.3	175	0.80	1.41	0.42	56	1.52	0.143
27991	Soil	28.85	21.25	71.89	301.2	*	7.9	5.5	1169	6.31	11.0	9.9	<0.1	36.6	196	0.58	2.16	0.75	49	0.67	0.089
27993	Soil	37.37	31.46	148.8	583.4	*	8.5	6.0	1481	7.09	11.5	14.2	<0.1	57.0	100	1.28	3.61	1.05	20	0.55	0.058
28013	Soil	2.96	16.12	10.07	47.2	<20	5.3	6.0	534	2.04	1.8	3.0	<0.1	11.4	434	0.22	0.51	0.18	38	1.54	0.073
28014	Soil	1.81	19.27	8.31	51.9	77	5.2	7.3	440	2.03	1.9	1.9	<0.1	5.5	523	0.12	0.43	0.15	46	1.89	0.064

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Project: True Blue  
 Report Date: July 27, 2010

Page: 6 of 8 Part 2

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
28023	Soil	100.6	9	0.84	816	0.252	9.03	2.407	2.47	2.7	111.9	8.1	6	3.6	<0.04	59.3	164.2	20.3	76.2	12.5	1.4
28022	Soil	66.2	12	0.84	695	0.247	8.28	1.981	2.34	2.3	97.1	7.4	4	4.6	0.04	34.3	110.7	13.6	52.2	8.5	0.9
28021	Soil	103.4	21	1.43	745	0.359	8.15	3.228	1.88	3.7	61.8	6.2	5	4.2	<0.04	38.1	194.6	18.7	67.6	9.4	1.1
28041	Soil	18.2	4	0.60	740	0.212	7.03	2.885	2.21	0.5	109.6	1.0	2	4.0	<0.04	7.9	36.34	4.1	16.5	2.5	0.5
28018	Soil	63.5	25	1.79	646	0.326	7.58	2.831	1.74	3.5	69.6	3.6	4	6.2	<0.04	38.6	128.1	15.1	58.0	9.1	1.1
28040	Soil	24.9	8	0.64	767	0.238	7.13	2.782	2.09	0.8	107.7	1.6	2	4.0	<0.04	12.4	47.10	5.5	20.8	3.2	0.6
28035	Soil	85.2	24	1.31	753	0.707	7.16	2.893	2.02	3.6	75.0	7.7	5	6.5	<0.04	47.1	166.1	19.9	76.4	12.2	1.5
28024	Soil	81.7	11	0.96	718	0.214	8.47	1.846	2.26	2.3	94.4	7.7	6	3.9	<0.04	51.1	125.5	16.8	64.9	11.2	1.2
28042	Soil	73.9	16	0.89	740	0.283	7.90	3.176	2.07	3.2	92.7	6.2	4	3.3	<0.04	28.4	148.1	16.0	58.1	8.3	0.8
28034	Soil	45.4	19	0.98	640	0.269	6.24	1.957	1.59	1.6	75.6	3.3	5	5.2	0.11	50.2	64.43	10.0	40.3	7.3	1.1
28019	Soil	100.7	25	1.87	730	0.392	8.16	2.910	2.02	4.1	65.6	5.2	5	5.9	<0.04	41.2	195.2	20.6	78.8	11.6	1.3
28020	Soil	73.1	21	1.31	499	0.385	7.26	3.075	1.62	3.7	74.5	5.3	4	5.4	<0.04	26.5	146.4	15.7	58.4	8.6	1.0
28006	Soil	70.3	8	0.72	699	0.245	7.91	2.448	2.25	1.7	113.5	9.0	6	4.9	<0.04	31.9	118.1	14.6	56.2	9.2	0.8
28009	Soil	110.9	20	0.40	530	0.347	7.24	2.593	2.23	4.2	134.4	21.7	8	3.4	<0.04	38.9	195.0	19.9	72.2	9.9	0.7
28005	Soil	214.8	9	0.65	729	0.198	8.46	1.439	2.64	4.0	106.7	24.1	15	4.8	<0.04	96.9	360.3	40.2	159.7	26.1	1.3
28001	Soil	79.9	9	0.68	745	0.242	7.08	2.191	2.15	1.3	102.1	8.1	5	4.8	0.05	45.0	116.8	16.9	65.0	10.3	0.8
28037	Soil	70.1	37	1.55	596	0.499	7.15	2.688	1.69	3.7	73.9	8.2	4	6.8	<0.04	31.2	138.1	14.8	54.5	8.2	1.1
28025	Soil	76.2	17	1.13	655	0.444	8.53	3.333	1.60	3.1	64.7	10.1	5	4.4	<0.04	46.0	138.0	15.4	61.1	10.3	1.3
28031	Soil	51.9	23	0.89	734	0.381	6.67	2.464	1.67	2.0	87.4	4.6	3	5.9	0.08	32.8	92.16	10.3	41.3	6.8	1.0
28039	Soil	48.6	11	0.87	766	0.260	7.29	2.801	2.09	1.7	97.9	2.8	3	3.9	<0.04	23.6	85.08	10.3	40.4	6.4	0.8
28029	Soil	18.0	6	0.55	721	0.247	6.93	2.844	2.11	0.9	105.9	1.6	1	3.7	<0.04	8.0	34.30	4.0	15.3	2.6	0.5
28028	Soil	32.2	22	1.38	606	0.508	6.74	2.698	1.75	2.2	89.2	3.5	2	7.5	<0.04	13.3	61.44	7.2	27.9	4.3	0.7
28032	Soil	67.7	24	1.16	729	0.539	6.91	2.658	1.70	2.6	72.8	6.2	4	5.6	0.05	29.0	135.2	13.9	53.6	8.2	1.1
28026	Soil	60.4	27	1.52	542	0.518	7.27	3.055	1.59	3.6	65.7	5.8	4	6.6	<0.04	22.6	113.8	12.4	46.4	7.0	0.9
27654	Soil	66.3	36	0.93	1500	0.541	7.59	2.296	2.77	3.0	84.5	9.8	6	6.0	<0.04	40.5	153.8	17.7	72.1	11.4	1.8
27998	Soil	123.0	19	1.26	1009	0.654	7.77	2.829	2.25	19.6	94.5	11.4	7	7.3	<0.04	57.2	264.9	26.9	108.7	16.3	3.1
27991	Soil	79.1	13	0.88	919	0.458	8.18	1.977	3.02	4.0	119.9	11.4	6	4.8	<0.04	39.6	162.2	16.9	66.3	10.1	1.2
27993	Soil	106.3	10	1.00	739	0.218	8.65	1.256	3.61	3.5	126.6	13.0	9	5.0	<0.04	60.0	190.9	24.1	96.5	15.7	1.3
28013	Soil	33.7	10	0.56	691	0.216	6.57	2.627	1.99	1.2	115.9	4.1	2	3.8	<0.04	10.8	58.61	6.6	25.5	3.6	0.5
28014	Soil	17.4	8	0.64	719	0.236	6.74	2.746	2.11	0.6	116.1	1.4	<1	4.2	<0.04	7.9	33.60	3.9	15.3	2.6	0.5

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Project: True Blue  
 Report Date: July 27, 2010

Page: 6 of 8 Part 3

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
28023	Soil	11.3	1.8	11.1	2.2	5.8	0.7	5.1	0.7	2.77	34.6	108.4	8.6	185.3	7.3	33.24
28022	Soil	7.5	1.2	7.5	1.4	3.6	0.4	3.0	0.4	2.40	28.8	111.4	5.1	112.7	7.0	29.10
28021	Soil	7.3	1.3	7.9	1.5	3.9	0.5	3.5	0.4	1.45	31.1	105.0	12.0	230.9	5.4	32.91
28041	Soil	1.8	0.3	1.6	0.3	0.8	0.1	0.9	0.1	2.75	19.9	44.0	0.3	7.05	1.2	17.33
28018	Soil	7.7	1.2	7.2	1.4	3.7	0.5	3.3	0.4	1.78	38.9	77.2	5.7	121.3	5.5	28.04
28040	Soil	2.5	0.4	2.5	0.5	1.3	0.2	1.3	0.2	2.69	21.1	48.5	1.6	30.90	1.8	19.24
28035	Soil	9.8	1.6	9.1	1.7	4.5	0.6	4.1	0.5	2.05	22.6	87.6	8.9	196.7	3.5	23.56
28024	Soil	9.8	1.6	9.9	1.9	5.1	0.7	4.5	0.6	2.36	34.4	113.8	6.1	137.2	7.9	32.18
28042	Soil	6.2	1.0	5.9	1.2	3.1	0.4	2.6	0.3	2.22	22.3	94.6	8.1	173.8	3.4	28.72
28034	Soil	7.6	1.1	7.4	1.5	4.2	0.6	4.0	0.6	1.93	25.6	66.2	2.9	62.65	5.7	19.69
28019	Soil	9.6	1.4	8.6	1.6	4.4	0.6	3.7	0.5	1.54	34.2	95.4	9.1	191.5	4.8	30.69
28020	Soil	6.4	1.0	5.6	1.0	2.7	0.3	2.2	0.3	1.81	26.9	70.4	7.0	147.8	2.6	23.66
28006	Soil	7.0	1.1	7.1	1.3	3.4	0.5	3.0	0.4	2.91	27.8	87.4	4.2	88.30	4.2	24.62
28009	Soil	7.3	1.2	7.8	1.5	4.4	0.6	4.2	0.6	3.54	24.2	180.0	15.8	292.5	4.4	35.71
28005	Soil	21.6	3.5	22.4	4.1	10.5	1.5	9.5	1.2	3.07	42.4	168.0	10.5	228.4	9.0	35.02
28001	Soil	8.6	1.4	8.5	1.6	4.4	0.6	3.8	0.5	2.57	28.2	88.5	2.8	60.49	4.4	22.42
28037	Soil	6.2	1.0	6.3	1.2	3.2	0.4	2.9	0.3	1.98	29.2	77.3	6.8	136.8	3.0	23.78
28025	Soil	9.1	1.5	9.5	1.8	5.0	0.6	4.4	0.6	1.96	22.7	77.8	11.8	235.5	3.8	29.61
28031	Soil	5.9	0.9	5.8	1.1	3.0	0.4	2.7	0.4	2.24	20.7	56.9	4.2	86.00	3.7	21.36
28039	Soil	4.9	0.7	4.7	0.9	2.5	0.3	2.2	0.3	2.50	27.6	64.1	3.6	72.48	2.5	20.77
28029	Soil	2.0	0.3	1.7	0.3	0.8	0.1	0.9	0.1	2.67	18.8	46.1	1.4	28.12	1.4	17.75
28028	Soil	3.2	0.5	3.1	0.5	1.3	0.2	1.2	0.2	2.18	22.2	58.9	2.2	43.63	2.3	20.09
28032	Soil	5.6	1.0	5.7	1.1	2.9	0.4	2.7	0.3	2.02	21.2	77.7	6.9	131.8	2.9	22.26
28026	Soil	5.1	0.8	4.7	0.9	2.3	0.3	2.0	0.2	1.75	24.3	81.5	6.5	121.6	3.0	25.34
27654	Soil	9.0	1.4	9.3	1.7	4.6	0.6	4.0	0.5	2.60	24.8	115.2	6.1	116.4	7.1	29.96
27998	Soil	13.1	2.1	12.6	2.3	6.1	0.8	5.5	0.7	2.63	33.3	142.2	7.1	126.3	6.1	30.92
27991	Soil	8.7	1.5	9.6	1.7	4.4	0.6	3.9	0.5	3.02	40.5	164.3	5.9	116.0	8.2	35.37
27993	Soil	13.8	2.5	14.9	2.7	6.7	0.9	5.8	0.8	3.04	46.8	178.3	6.0	143.8	8.5	46.56
28013	Soil	2.7	0.4	2.5	0.4	1.2	0.2	1.2	0.2	3.18	19.4	60.8	3.4	52.74	2.0	19.50
28014	Soil	1.9	0.3	1.7	0.3	0.8	0.1	0.8	0.1	3.02	19.9	44.5	0.9	14.37	1.2	17.66

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Project: True Blue  
 Report Date: July 27, 2010

Page: 7 of 8 Part 1

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	0.02	0.02	0.04	1	0.02	0.001	
28010	Soil	7.10	7.24	17.87	59.2	<20	9.7	4.8	615	4.14	3.8	9.5	<0.1	58.3	53	0.23	1.10	0.21	33	0.22	0.033
28004	Soil	6.59	20.11	11.73	60.3	65	5.3	6.8	572	2.48	2.4	24.6	<0.1	21.5	503	0.19	0.51	0.18	43	1.85	0.059
27995	Soil	39.18	15.17	28.61	125.6	<20	11.9	9.0	1022	6.73	5.2	16.4	<0.1	41.8	83	0.36	1.57	0.51	32	0.55	0.079
27999	Soil	1.82	19.21	10.10	43.9	93	4.5	4.8	339	1.64	1.0	1.8	<0.1	4.6	456	0.15	0.39	0.12	32	1.59	0.051
28008	Soil	15.30	18.22	21.17	119.5	*	21.4	5.0	870	5.98	12.6	16.4	<0.1	37.3	91	0.34	1.45	0.51	31	0.61	0.077
28002	Soil	4.32	20.18	12.96	62.2	<20	4.6	5.2	494	2.55	2.5	34.1	<0.1	24.9	421	0.19	0.49	0.19	36	1.54	0.067
28003	Soil	5.87	19.19	14.38	56.2	31	5.2	5.7	484	2.51	2.7	10.4	<0.1	22.0	421	0.11	0.46	0.17	40	1.57	0.071
28012	Soil	8.11	12.07	8.86	42.9	<20	5.4	4.0	403	2.76	1.9	5.5	<0.1	25.9	213	0.17	0.79	0.21	39	0.67	0.076
28011	Soil	12.41	17.45	15.31	113.1	<20	10.2	6.1	1336	4.12	3.8	15.1	<0.1	50.3	247	0.39	0.80	0.29	41	1.05	0.112
28007	Soil	14.23	22.08	16.24	95.8	<20	16.9	6.0	957	5.54	11.3	5.6	<0.1	26.0	137	0.26	1.40	0.56	33	0.59	0.055
27925	Soil	2.18	22.94	10.15	55.9	48	8.6	5.7	446	2.31	2.9	3.0	<0.1	8.9	479	0.10	0.49	0.16	40	1.51	0.046
27926	Soil	7.93	25.31	27.60	130.7	<20	20.3	7.2	1004	5.53	5.5	19.4	<0.1	59.2	160	0.22	0.93	0.34	50	0.72	0.110
27929	Soil	8.51	8.02	16.60	65.8	<20	7.8	3.8	451	3.74	4.0	4.3	<0.1	25.8	104	0.27	0.96	0.23	34	0.39	0.058
27923	Soil	2.24	20.73	8.80	48.3	69	4.5	6.2	406	2.05	2.2	2.9	<0.1	7.6	529	0.13	0.45	0.15	42	1.85	0.074
27997	Soil	1.79	15.70	8.96	104.9	158	4.5	5.5	377	1.66	1.1	1.6	<0.1	4.2	482	0.50	0.42	0.12	35	1.92	0.045
28000	Soil	11.02	6.94	129.9	188.1	<20	6.0	3.4	467	4.79	29.3	3.2	<0.1	16.9	129	0.38	1.41	0.42	21	0.56	0.041
27992	Soil	50.33	19.82	60.60	256.8	*	6.3	4.0	863	6.82	24.5	7.7	<0.1	33.8	136	0.49	2.31	0.82	32	0.66	0.070
27657	Soil	13.25	25.67	68.64	160.0	34	10.5	7.2	929	4.32	43.1	4.4	<0.1	15.4	351	0.41	1.26	0.34	57	1.55	0.112
27943	Soil	9.45	12.15	15.00	67.0	<20	11.0	5.5	1500	5.94	5.3	24.5	<0.1	92.7	86	0.29	1.20	0.24	38	0.52	0.071
27947	Soil	12.83	22.01	15.39	95.3	<20	10.5	6.5	1246	6.02	5.2	7.1	<0.1	29.6	191	0.34	0.87	0.33	37	0.79	0.066
27941	Soil	6.69	14.87	13.42	62.7	<20	9.0	4.8	734	4.97	3.9	11.9	<0.1	82.2	196	0.17	0.94	0.24	42	0.78	0.073
27940	Soil	8.46	12.24	13.70	56.8	<20	11.3	6.0	1022	5.57	4.5	18.6	<0.1	84.2	160	0.17	0.96	0.34	52	0.80	0.084
27651	Soil	13.43	9.95	84.31	157.1	<20	12.8	5.9	695	4.81	28.8	4.3	<0.1	16.8	148	0.71	1.25	0.41	42	0.96	0.088
27658	Soil	19.43	12.11	61.07	147.8	<20	13.1	5.2	1199	4.50	64.0	3.1	<0.1	21.3	184	0.44	1.85	0.28	49	0.83	0.127
27996	Soil	2.45	16.61	15.71	65.1	114	5.0	6.1	525	2.05	2.2	2.2	<0.1	7.2	506	0.27	0.57	0.16	39	1.85	0.060
27994	Soil	31.35	8.76	14.81	53.8	<20	5.4	4.1	243	2.67	2.3	6.0	<0.1	17.2	185	0.25	0.98	0.23	44	0.66	0.067
27950	Soil	1.70	22.44	8.77	46.8	76	2.4	4.8	388	1.45	1.9	2.2	<0.1	5.1	505	0.11	0.43	0.14	25	1.63	0.047
27944	Soil	5.93	10.75	10.23	40.5	<20	6.0	3.4	397	3.54	2.8	4.8	<0.1	29.4	120	0.15	1.05	0.23	35	0.43	0.065
27949	Soil	2.48	17.96	10.55	46.5	<20	4.5	6.1	421	2.05	2.1	2.3	<0.1	8.3	468	0.12	0.44	0.17	42	1.69	0.076
27948	Soil	11.82	9.23	7.37	194.4	<20	6.5	3.1	469	3.59	1.8	9.5	<0.1	57.2	141	0.18	2.03	0.19	33	0.48	0.062

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Project: True Blue  
 Report Date: July 27, 2010

Page: 7 of 8 Part 2

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
28010	Soil	179.9	24	0.57	496	0.287	6.89	2.413	2.21	4.5	103.2	23.9	8	3.6	<0.04	53.1	337.8	30.9	118.3	16.5	1.0
28004	Soil	38.1	7	0.66	745	0.268	6.96	2.609	2.12	0.9	113.5	3.5	2	4.3	<0.04	20.0	67.32	8.2	31.9	5.2	0.7
27995	Soil	123.1	25	1.70	668	0.339	7.61	2.489	2.04	3.5	92.6	10.7	10	6.3	<0.04	88.7	226.9	28.9	120.6	19.3	2.7
27999	Soil	16.0	7	0.49	772	0.193	6.13	2.564	2.01	0.5	112.2	1.2	1	3.1	<0.04	7.7	32.07	3.8	14.8	2.2	0.5
28008	Soil	73.7	42	0.97	1546	0.227	8.44	1.034	3.84	3.0	125.9	9.5	8	6.1	<0.04	51.7	139.5	17.0	66.8	11.7	1.2
28002	Soil	53.1	8	0.59	763	0.215	6.72	2.441	2.30	1.1	112.0	6.1	4	3.9	<0.04	28.4	87.57	11.4	43.9	7.1	0.7
28003	Soil	49.4	8	0.61	708	0.220	6.92	2.326	2.12	0.8	109.0	3.7	3	4.0	<0.04	26.8	70.04	10.6	40.1	6.6	0.7
28012	Soil	76.2	17	0.45	563	0.275	6.62	2.480	2.08	2.8	106.0	13.9	4	3.5	<0.04	26.8	136.0	14.4	51.9	7.4	0.6
28011	Soil	148.3	21	0.71	667	0.267	7.53	2.331	1.94	2.2	94.5	10.0	6	5.4	0.05	62.5	288.7	29.6	114.7	17.4	1.4
28007	Soil	130.8	27	0.86	1727	0.323	7.47	1.525	3.61	3.0	117.5	7.7	6	4.2	0.08	36.0	264.7	27.4	110.2	16.7	1.7
27925	Soil	33.7	15	0.63	839	0.219	6.88	2.793	2.39	1.0	120.4	1.9	2	3.7	<0.04	16.9	52.82	7.2	27.7	4.1	0.7
27926	Soil	152.9	49	1.14	670	0.261	7.22	1.625	1.95	2.3	74.2	11.9	11	7.6	0.04	83.8	249.7	30.0	122.5	19.6	1.7
27929	Soil	67.0	26	0.60	564	0.279	6.09	2.778	1.83	2.8	85.2	11.7	6	3.8	<0.04	28.8	138.6	14.9	56.8	8.3	0.8
27923	Soil	29.5	8	0.62	749	0.229	6.71	2.847	2.18	0.7	113.1	1.3	2	4.1	<0.04	15.0	47.30	6.6	26.5	4.3	0.8
27997	Soil	14.1	7	0.52	703	0.194	6.46	2.747	2.09	0.5	108.6	0.9	1	3.4	<0.04	6.2	29.58	3.3	13.1	1.8	0.4
28000	Soil	69.0	17	1.05	1191	0.400	8.03	3.461	2.37	4.1	98.5	9.5	6	3.7	<0.04	29.6	153.2	16.4	61.4	8.9	1.3
27992	Soil	60.3	14	0.75	692	0.270	8.34	1.447	2.41	3.2	107.4	10.0	6	4.5	<0.04	35.1	109.2	13.6	51.3	7.9	0.9
27657	Soil	55.2	24	0.84	1037	0.453	7.35	2.348	2.29	3.1	106.4	5.7	5	6.3	<0.04	32.9	119.5	13.7	52.9	8.1	1.4
27943	Soil	167.2	34	0.68	580	0.183	8.98	1.197	2.99	3.3	80.9	22.6	14	7.0	<0.04	97.0	277.8	36.4	146.2	24.6	1.6
27947	Soil	70.1	22	0.94	919	0.226	8.51	1.548	3.64	2.5	93.0	14.1	10	6.0	<0.04	49.6	121.7	17.1	69.7	11.6	1.2
27941	Soil	138.1	30	0.68	631	0.193	8.53	1.507	2.60	2.3	91.1	15.9	10	6.3	<0.04	76.1	197.6	28.8	111.6	18.8	1.4
27940	Soil	149.7	39	0.74	603	0.220	8.54	1.589	2.59	2.8	86.4	18.3	10	7.9	<0.04	70.6	246.5	30.1	115.7	18.4	1.4
27651	Soil	61.7	45	1.10	1491	0.506	7.09	2.693	2.73	4.7	105.2	12.3	5	5.9	<0.04	37.8	145.9	16.6	66.6	10.2	1.4
27658	Soil	47.5	29	0.96	1413	0.426	7.55	2.049	2.89	2.4	76.9	12.8	6	5.7	0.04	38.1	135.4	14.7	57.5	9.0	1.0
27996	Soil	27.1	8	0.60	763	0.217	7.04	2.847	2.15	0.6	113.0	1.5	1	4.0	<0.04	11.2	57.81	6.3	24.5	3.9	0.8
27994	Soil	58.6	23	0.54	644	0.286	5.78	2.437	1.81	2.7	96.1	6.3	4	4.0	<0.04	27.6	110.8	13.2	52.1	8.0	1.0
27950	Soil	18.0	2	0.43	818	0.164	6.95	3.002	2.45	0.5	119.6	0.6	1	2.4	<0.04	6.8	34.52	3.9	15.2	2.1	0.4
27944	Soil	70.3	21	0.46	505	0.262	6.19	2.068	1.72	2.7	89.0	14.2	5	3.4	<0.04	28.6	140.7	14.3	53.0	7.6	0.6
27949	Soil	28.4	10	0.57	716	0.228	6.24	2.662	2.04	0.7	109.4	2.1	2	4.0	<0.04	11.3	52.02	6.0	23.5	3.5	0.6
27948	Soil	146.3	30	0.38	390	0.288	6.43	3.053	1.50	4.3	85.6	22.1	6	3.5	<0.04	48.4	294.8	25.8	94.5	13.2	0.7

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Project: True Blue  
 Report Date: July 27, 2010

Page: 7 of 8 Part 3

# CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
28010	Soil	12.1	1.9	11.9	2.2	6.3	0.8	5.8	0.8	3.02	36.2	123.2	16.4	305.6	4.1	34.54
28004	Soil	4.3	0.7	4.4	0.8	2.1	0.3	1.9	0.3	3.06	24.1	56.5	1.6	30.36	2.6	20.48
27995	Soil	17.1	2.9	17.5	3.5	9.5	1.2	8.3	1.1	2.17	51.8	127.2	7.3	159.4	17.1	37.76
27999	Soil	1.9	0.3	1.5	0.3	0.8	0.1	0.8	0.1	2.85	18.0	44.5	0.6	11.81	1.2	15.17
28008	Soil	10.8	1.9	11.9	2.3	5.5	0.7	4.9	0.7	2.95	38.2	165.8	5.4	122.3	11.3	39.61
28002	Soil	5.6	0.9	5.4	1.0	2.8	0.4	2.8	0.4	2.91	28.2	74.2	2.0	42.73	3.5	20.48
28003	Soil	5.5	0.9	5.0	1.0	2.6	0.3	2.4	0.3	2.82	23.6	63.9	1.4	29.94	2.5	19.85
28012	Soil	5.3	0.9	5.8	1.1	3.0	0.4	2.8	0.4	2.78	23.7	113.0	10.7	193.4	3.6	28.85
28011	Soil	13.2	2.1	12.1	2.3	6.0	0.8	5.7	0.8	2.62	34.1	106.0	7.9	142.6	4.9	26.12
28007	Soil	11.7	1.7	9.7	1.5	3.7	0.5	3.2	0.4	2.65	33.1	136.1	8.4	174.1	5.8	34.63
27925	Soil	3.2	0.5	2.8	0.6	1.5	0.2	1.5	0.2	3.12	26.0	66.2	0.8	14.56	2.4	18.23
27926	Soil	17.1	2.6	16.1	3.1	8.1	1.1	8.0	1.1	2.12	47.6	144.9	4.7	94.10	7.3	27.22
27929	Soil	6.1	1.0	6.4	1.2	3.4	0.5	3.3	0.4	2.19	32.3	96.5	8.1	152.9	3.7	28.02
27923	Soil	3.6	0.5	2.9	0.6	1.3	0.2	1.4	0.2	2.83	22.1	48.1	0.9	15.68	1.5	17.05
27997	Soil	1.5	0.2	1.2	0.2	0.7	<0.1	0.7	0.1	2.61	20.9	41.9	0.5	7.31	1.2	16.56
28000	Soil	6.4	1.0	6.6	1.3	3.4	0.4	3.2	0.4	2.49	37.3	87.7	6.8	140.3	4.3	31.07
27992	Soil	6.7	1.1	7.5	1.4	3.7	0.5	3.4	0.4	2.52	38.9	139.5	4.9	116.2	11.8	37.48
27657	Soil	6.5	1.1	6.4	1.3	3.3	0.5	3.1	0.5	2.76	33.8	96.0	3.9	77.06	6.0	23.31
27943	Soil	20.5	3.3	21.1	3.9	10.8	1.4	10.0	1.4	2.43	49.5	176.9	7.4	159.7	11.2	42.88
27947	Soil	10.7	1.8	11.1	2.0	5.3	0.7	5.0	0.8	2.37	38.5	146.7	3.9	92.76	6.6	43.02
27941	Soil	15.7	2.5	15.3	2.9	7.8	1.0	7.4	1.0	2.62	38.8	144.4	5.5	112.5	9.8	34.39
27940	Soil	15.8	2.5	15.1	2.9	7.2	1.0	7.1	0.9	2.49	42.4	146.7	6.6	140.1	7.7	35.04
27651	Soil	7.5	1.2	7.6	1.5	3.8	0.5	3.6	0.5	2.99	26.0	163.1	8.6	165.4	9.4	31.01
27658	Soil	6.9	1.2	7.4	1.5	3.7	0.5	3.4	0.4	2.31	24.4	135.2	5.9	118.0	7.5	26.60
27996	Soil	2.5	0.4	2.1	0.4	1.1	0.2	1.2	0.2	2.80	22.4	48.5	0.7	12.47	1.5	18.05
27994	Soil	6.0	1.0	5.8	1.1	2.9	0.3	2.6	0.3	2.24	20.8	80.4	4.7	95.81	5.1	24.81
27950	Soil	1.6	0.2	1.2	0.2	0.7	<0.1	0.7	<0.1	2.92	23.1	48.1	0.4	6.51	1.2	16.65
27944	Soil	5.3	1.0	6.1	1.2	3.2	0.4	3.0	0.4	2.35	23.6	82.8	9.3	176.9	3.6	28.35
27949	Soil	2.6	0.4	2.2	0.4	1.1	0.1	1.2	0.2	2.83	20.5	47.2	1.3	24.97	1.6	17.90
27948	Soil	9.7	1.7	10.4	2.1	5.3	0.7	5.4	0.7	2.42	25.2	72.4	17.8	332.7	3.0	32.43

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Project: True Blue  
 Report Date: July 27, 2010

Page: 8 of 8 Part 1

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
27652	Soil	3.82	16.81	146.9	346.0	835	16.6	5.8	8941	6.29	42.9	4.1	<0.1	12.7	74	3.23	4.09	0.29	11	0.90	0.076
27653	Soil	3.27	44.40	45.44	136.9	<20	48.4	6.7	1803	5.72	36.1	4.3	<0.1	26.4	246	0.54	2.56	0.29	31	1.22	0.069
27655	Soil	11.03	23.08	75.06	205.8	164	12.6	7.7	961	5.57	45.9	5.1	<0.1	21.5	260	0.50	1.10	0.47	57	1.33	0.125
27656	Soil	14.34	23.31	81.09	181.5	<20	10.5	7.1	839	4.75	50.3	5.1	<0.1	18.0	292	0.33	1.02	0.44	54	1.24	0.120
27939	Soil	6.65	11.62	18.91	46.6	<20	17.1	6.2	1379	6.01	6.1	15.4	<0.1	91.6	79	0.17	1.32	0.43	51	0.55	0.058
27938	Soil	2.04	18.93	10.18	51.1	145	2.5	4.5	402	1.58	2.7	2.1	<0.1	6.8	528	0.13	0.49	0.18	27	1.78	0.057
27930	Soil	13.39	7.95	30.89	147.3	<20	9.4	5.1	579	4.86	8.3	5.1	<0.1	35.3	60	0.31	1.12	1.38	36	0.25	0.046
27934	Soil	37.48	5.82	11.86	49.1	<20	7.5	3.1	354	3.63	4.1	3.3	<0.1	19.8	74	0.15	1.11	0.28	49	0.30	0.030
27931	Soil	10.50	10.41	12.46	74.6	<20	8.4	5.0	587	4.21	6.0	4.8	<0.1	29.1	117	0.21	1.09	0.36	37	0.45	0.059
27946	Soil	7.90	8.61	7.40	26.3	<20	8.2	3.4	309	3.31	3.0	7.5	<0.1	43.3	73	0.17	0.94	0.26	41	0.27	0.071
27945	Soil	24.21	18.64	20.21	70.0	<20	8.3	5.8	1076	5.97	5.4	16.2	<0.1	55.6	124	0.18	1.09	0.43	50	0.62	0.120
27942	Soil	1.85	3.73	8.23	25.3	<20	2.9	1.6	956	3.13	1.0	6.8	<0.1	97.9	60	0.22	1.29	0.08	11	0.43	0.054
27927	Soil	10.56	18.26	30.71	144.9	<20	55.2	11.6	904	5.94	6.7	28.3	<0.1	36.8	157	0.32	1.25	0.35	101	0.84	0.100
27924	Soil	10.06	33.96	28.20	120.8	<20	18.5	9.5	1343	5.86	7.2	26.6	<0.1	53.4	218	0.44	1.00	0.43	52	0.95	0.120
27936	Soil	12.27	12.18	10.11	49.8	<20	6.8	3.9	433	3.13	3.9	3.9	<0.1	25.1	151	0.20	1.05	0.33	47	0.52	0.069
27932	Soil	12.75	12.12	10.09	57.1	<20	8.2	4.3	520	3.95	4.4	4.3	<0.1	30.9	150	0.16	1.09	0.30	34	0.50	0.082
27928	Soil	7.28	20.47	18.55	77.3	130	21.5	7.6	711	2.98	4.0	22.0	<0.1	17.4	356	0.14	0.93	0.27	55	1.34	0.085
27933	Soil	13.32	9.11	15.18	85.1	<20	17.4	8.3	598	4.94	8.2	5.3	<0.1	36.4	77	0.29	1.36	0.41	52	0.39	0.029
27937	Soil	9.54	15.81	11.31	60.5	<20	6.4	4.9	690	2.94	2.9	6.9	<0.1	32.8	297	0.20	0.70	0.20	31	0.77	0.067
27935	Soil	12.62	14.88	11.69	58.2	<20	9.1	5.1	502	3.26	4.4	6.5	<0.1	30.4	266	0.15	1.00	0.31	46	0.99	0.078





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Project: True Blue  
 Report Date: July 27, 2010

Page: 8 of 8 Part 2

CERTIFICATE OF ANALYSIS

WHI1000098.1

Method	Analyte	Unit	MDL	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm	1T Eu
				ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
				0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
27652	Soil			52.4	7	0.53	569	0.160	8.16	0.428	2.84	1.7	43.9	14.6	10	3.6	0.05	99.0	114.8	14.1	60.7	12.9	3.1
27653	Soil			53.7	20	0.98	1046	0.405	8.15	2.009	2.68	3.8	88.2	10.1	9	6.1	<0.04	50.0	127.4	16.6	70.7	12.7	1.6
27655	Soil			65.8	25	1.27	1071	0.467	7.80	2.296	2.20	3.4	99.9	5.2	7	8.1	<0.04	35.5	157.4	15.9	66.2	10.2	1.6
27656	Soil			59.8	23	1.03	996	0.402	7.39	2.265	2.13	2.6	100.3	4.0	5	7.2	<0.04	35.6	121.0	14.8	58.2	9.7	1.5
27939	Soil			156.1	48	0.73	665	0.194	8.79	1.190	2.97	3.2	78.6	21.4	11	8.8	<0.04	78.1	266.2	31.8	125.2	21.2	1.3
27938	Soil			46.7	2	0.43	949	0.188	8.82	2.852	2.33	0.7	148.4	1.0	2	2.6	<0.04	10.3	93.96	10.0	36.3	5.5	0.6
27930	Soil			109.3	22	0.67	533	0.385	7.35	2.963	1.88	4.9	97.5	14.7	8	4.0	<0.04	36.5	216.6	20.4	77.3	11.9	1.0
27934	Soil			57.4	29	0.51	523	0.414	6.59	3.266	1.66	3.5	115.1	13.2	5	3.8	<0.04	27.8	129.6	13.1	49.9	7.9	0.7
27931	Soil			84.2	23	0.65	633	0.360	6.97	3.064	1.92	5.8	109.8	10.7	5	4.0	<0.04	33.1	189.4	16.9	66.8	10.6	0.9
27946	Soil			97.1	29	0.43	412	0.356	6.87	2.913	1.65	4.8	136.5	20.5	6	4.2	<0.04	35.1	187.9	17.2	62.8	9.5	0.7
27945	Soil			159.6	29	0.74	565	0.377	8.00	1.723	1.90	3.6	108.5	16.1	8	5.0	0.04	63.4	237.5	29.5	112.2	17.7	1.3
27942	Soil			224.8	4	0.62	256	0.227	7.98	3.339	1.11	3.1	49.0	22.4	13	2.9	<0.04	54.4	414.8	43.6	165.7	24.4	1.3
27927	Soil			112.0	120	2.02	856	0.380	7.35	1.646	2.16	2.9	85.3	8.1	8	13.4	<0.04	52.8	193.8	21.0	80.6	13.2	1.2
27924	Soil			161.6	39	1.23	866	0.286	6.79	1.956	2.07	3.0	85.0	8.6	8	8.6	0.05	91.9	238.9	31.2	122.5	20.9	2.0
27936	Soil			64.6	22	0.53	656	0.384	6.83	2.748	2.04	4.5	112.9	11.5	5	4.2	<0.04	22.7	148.7	14.0	52.9	8.2	0.7
27932	Soil			88.6	16	0.72	621	0.339	6.73	2.769	1.82	3.4	101.7	10.6	7	3.7	<0.04	34.6	191.6	18.1	68.8	11.1	1.0
27928	Soil			72.5	43	0.91	807	0.247	6.67	2.218	2.03	1.5	114.7	3.4	3	6.7	0.05	35.1	111.5	15.2	59.5	9.7	1.0
27933	Soil			119.8	36	0.81	638	0.359	7.03	2.258	1.97	4.1	91.2	12.6	7	5.6	<0.04	37.1	264.1	23.0	89.1	13.5	1.1
27937	Soil			89.7	15	0.50	803	0.213	7.29	2.411	2.35	2.1	118.0	9.1	5	3.9	<0.04	34.1	158.8	17.2	68.2	10.4	0.8
27935	Soil			103.1	21	0.61	718	0.268	7.10	2.118	2.11	2.5	109.0	8.3	5	5.0	<0.04	33.2	164.5	18.1	69.1	10.6	0.9



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Page: 8 of 8 Part 3

CERTIFICATE OF ANALYSIS

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Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	
27652	Soil	13.8	2.6	16.1	3.3	9.2	1.1	7.8	1.1	1.26	18.5	229.4	3.6	76.92	15.8	30.03
27653	Soil	11.2	1.9	11.2	2.1	5.6	0.8	5.0	0.7	2.64	26.7	155.2	6.7	160.0	11.6	33.89
27655	Soil	8.0	1.3	7.6	1.6	4.0	0.5	3.8	0.5	2.88	37.3	122.3	4.5	84.16	6.4	27.74
27656	Soil	8.1	1.2	7.2	1.4	3.8	0.5	3.4	0.5	2.87	33.1	104.1	3.6	70.40	6.3	25.98
27939	Soil	17.3	3.1	18.2	3.6	9.6	1.3	8.7	1.2	2.38	41.9	171.3	8.1	175.8	8.7	40.74
27938	Soil	3.3	0.5	2.3	0.4	1.0	0.1	1.0	0.1	3.94	18.9	53.5	0.5	7.62	1.3	19.50
27930	Soil	7.9	1.4	8.4	1.6	4.5	0.6	4.0	0.6	2.52	32.4	90.9	12.3	253.4	4.2	37.53
27934	Soil	5.8	0.9	5.6	1.2	3.4	0.4	3.1	0.4	2.96	17.1	100.1	9.7	215.8	4.7	34.83
27931	Soil	7.1	1.3	7.9	1.5	4.1	0.6	3.7	0.5	2.88	27.7	85.6	10.2	213.9	3.7	33.79
27946	Soil	6.9	1.2	7.7	1.5	4.2	0.6	3.9	0.5	3.64	22.8	90.8	17.9	327.5	3.6	36.20
27945	Soil	14.3	2.3	13.6	2.6	6.8	0.8	5.6	0.8	2.85	30.0	98.5	10.6	229.0	10.4	39.82
27942	Soil	15.6	2.3	12.2	2.4	6.5	0.9	5.8	0.8	1.55	19.9	61.1	13.2	252.1	5.6	35.97
27927	Soil	11.1	1.8	10.4	2.0	5.4	0.7	5.2	0.8	2.26	38.8	189.0	3.4	69.18	10.5	25.46
27924	Soil	17.0	2.8	16.5	3.2	8.9	1.2	8.4	1.3	2.51	33.1	157.9	4.9	91.64	7.2	24.45
27936	Soil	6.4	0.9	5.2	1.0	2.9	0.4	2.6	0.4	2.86	19.4	108.9	9.8	199.2	4.6	32.33
27932	Soil	8.1	1.4	7.8	1.5	4.1	0.5	3.7	0.5	2.76	25.7	86.3	9.6	196.3	4.3	30.91
27928	Soil	7.1	1.1	6.6	1.3	3.4	0.5	3.2	0.5	2.93	23.4	78.4	1.8	33.00	4.9	20.96
27933	Soil	9.6	1.5	9.1	1.7	4.5	0.6	4.3	0.5	2.28	36.7	86.2	9.9	206.4	5.0	32.33
27937	Soil	7.6	1.2	6.7	1.4	3.6	0.4	3.3	0.5	3.18	25.3	92.0	4.2	81.98	5.4	27.76
27935	Soil	8.1	1.3	7.1	1.3	3.5	0.4	3.2	0.5	2.79	21.8	92.9	5.1	98.72	5.4	27.50



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Project: True Blue  
Report Date: July 27, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

WHI1000098.1

Method	Analyte	Unit	MDL	1T Mo	1T Cu	1T Pb	1T Zn	1T Ag	1T Ni	1T Co	1T Mn	1T Fe	1T As	1T U	1T Au	1T Th	1T Sr	1T Cd	1T Sb	1T Bi	1T V	1T Ca	1T P
				ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
				0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
Pulp Duplicates																							
27895	Soil			12.60	79.09	50.67	307.3	<20	98.5	31.6	769	4.79	40.5	11.6	<0.1	57.8	64	1.18	3.69	1.64	251	0.51	0.129
REP 27895	QC			12.43	78.84	49.86	307.4	<20	95.3	30.8	757	4.81	40.9	11.1	<0.1	53.6	62	1.03	3.69	1.63	253	0.58	0.126
27903	Soil			1.57	19.53	11.08	56.1	139	3.8	4.3	365	1.50	3.2	2.8	<0.1	5.5	484	0.12	0.51	0.27	26	1.75	0.044
REP 27903	QC			1.50	19.35	10.84	53.2	<20	3.6	4.5	367	1.52	3.0	2.6	<0.1	5.3	460	0.14	0.52	0.25	25	1.82	0.043
27868	Soil			1.31	98.69	29.29	835.2	*	54.3	27.8	1033	7.00	34.3	11.2	<0.1	43.4	90	0.79	3.88	3.96	83	7.32	0.165
REP 27868	QC			1.21	97.39	31.52	813.5	*	54.3	30.5	991	6.90	31.9	12.1	<0.1	42.3	83	0.72	3.84	4.22	83	7.33	0.158
28034	Soil			11.08	21.92	29.00	88.9	38	10.5	5.2	700	2.81	49.2	35.1	<0.1	11.8	270	0.59	0.86	0.23	61	2.53	0.178
REP 28034	QC			11.35	22.49	28.60	91.9	<20	10.7	5.2	716	2.79	50.2	35.6	<0.1	11.8	275	0.62	0.91	0.23	61	2.53	0.177
28011	Soil			12.41	17.45	15.31	113.1	<20	10.2	6.1	1336	4.12	3.8	15.1	<0.1	50.3	247	0.39	0.80	0.29	41	1.05	0.112
REP 28011	QC			12.70	16.85	14.97	107.0	<20	10.0	6.5	1317	4.04	3.8	14.4	<0.1	47.5	246	0.40	0.75	0.28	41	1.02	0.106
27945	Soil			24.21	18.64	20.21	70.0	<20	8.3	5.8	1076	5.97	5.4	16.2	<0.1	55.6	124	0.18	1.09	0.43	50	0.62	0.120
REP 27945	QC			23.68	20.02	21.24	71.8	<20	8.1	5.9	1058	5.87	5.6	17.8	<0.1	59.0	120	0.20	1.06	0.44	48	0.61	0.117
Reference Materials																							
STD OREAS24P	Standard			1.42	46.42	2.85	118.2	40	153.0	50.0	1199	7.88	0.4	0.7	<0.1	2.8	406	0.10	0.08	<0.04	163	6.04	0.145
STD OREAS24P	Standard			1.43	47.23	2.86	114.6	<20	152.7	51.0	1189	7.84	0.7	0.7	<0.1	2.8	409	0.13	0.09	<0.04	160	6.04	0.142
STD OREAS24P	Standard			1.48	53.08	2.33	117.3	<20	154.6	50.1	1170	7.51	1.4	0.7	<0.1	2.5	388	0.16	0.08	<0.04	158	5.77	0.140
STD OREAS24P	Standard			1.54	49.68	2.28	113.9	<20	146.7	47.3	1137	7.51	0.9	0.6	<0.1	2.7	392	0.12	0.09	<0.04	157	5.76	0.142
STD OREAS24P	Standard			1.53	53.21	2.90	117.8	<20	149.7	47.0	1174	7.59	0.7	0.6	<0.1	2.6	392	0.14	0.08	<0.04	158	5.87	0.143
STD OREAS24P	Standard			1.47	49.87	2.63	113.2	<20	149.2	46.1	1137	7.44	1.1	0.6	<0.1	2.6	378	0.13	0.08	<0.04	158	5.79	0.135
STD OREAS24P	Standard			1.51	46.72	2.77	115.1	42	150.5	45.7	1158	7.69	1.0	0.6	<0.1	2.6	377	0.14	0.08	<0.04	162	5.88	0.129
STD OREAS24P	Standard			1.54	47.67	2.37	115.4	<20	155.0	48.2	1170	7.63	0.9	0.6	<0.1	2.5	381	0.13	0.07	<0.04	161	5.87	0.127
STD OREAS24P	Standard			1.60	53.31	3.74	124.2	81	151.5	45.5	1101	7.43	1.6	0.7	<0.1	3.1	392	0.19	0.11	0.05	173	5.81	0.150
STD OREAS24P	Standard			1.57	51.87	3.33	114.7	61	147.7	47.2	1067	7.31	1.6	0.7	<0.1	3.0	383	0.17	0.09	<0.04	167	5.71	0.148
STD OREAS24P	Standard			1.54	51.05	3.29	119.7	103	146.9	46.2	1149	7.43	2.0	0.7	<0.1	2.9	396	0.15	0.10	<0.04	158	5.80	0.146
STD OREAS24P	Standard			1.51	52.28	3.03	119.4	38	149.2	47.9	1156	7.48	1.1	0.7	<0.1	2.8	394	0.15	0.10	<0.04	163	6.00	0.146
STD OREAS24P Expected				1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83	0.136
BLK	Blank			<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank			<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: True Blue  
 Report Date: July 27, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

WHI1000098.1

Method	Analyte	Unit	MDL	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm	1T Eu
				ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
				0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
Pulp Duplicates																							
27895	Soil			190.4	60	0.96	1249	0.189	5.86	1.019	2.39	5.0	131.4	6.5	8	11.3	0.05	83.6	347.4	37.4	150.7	25.6	1.7
REP 27895	QC			183.3	64	0.96	1249	0.181	5.85	1.017	2.40	4.6	126.9	6.4	6	11.7	0.04	78.7	333.9	35.7	146.7	23.9	1.6
27903	Soil			16.2	4	0.56	805	0.172	6.35	2.792	2.11	0.7	119.1	1.0	1	2.4	<0.04	7.4	32.35	3.5	12.3	1.9	0.4
REP 27903	QC			15.5	4	0.56	794	0.169	6.50	2.866	2.17	0.6	114.5	1.0	2	2.4	<0.04	7.0	30.77	3.3	12.1	1.8	0.4
27868	Soil			104.9	61	7.01	1128	0.306	4.78	0.294	0.46	2.5	179.0	22.1	6	7.9	0.09	90.2	196.2	21.3	77.7	13.4	2.0
REP 27868	QC			109.4	62	6.86	1133	0.304	4.53	0.279	0.43	2.3	164.2	23.6	6	7.4	0.09	84.7	200.1	22.9	78.9	13.9	2.1
28034	Soil			45.4	19	0.98	640	0.269	6.24	1.957	1.59	1.6	75.6	3.3	5	5.2	0.11	50.2	64.43	10.0	40.3	7.3	1.1
REP 28034	QC			45.8	20	0.99	661	0.273	6.15	1.986	1.56	1.6	75.3	3.3	4	5.5	0.11	50.6	65.44	10.1	41.2	7.1	1.0
28011	Soil			148.3	21	0.71	667	0.267	7.53	2.331	1.94	2.2	94.5	10.0	6	5.4	0.05	62.5	288.7	29.6	114.7	17.4	1.4
REP 28011	QC			143.2	21	0.70	661	0.263	7.31	2.230	1.93	2.2	99.3	10.0	6	5.3	0.05	61.7	283.2	28.7	113.1	17.5	1.4
27945	Soil			159.6	29	0.74	565	0.377	8.00	1.723	1.90	3.6	108.5	16.1	8	5.0	0.04	63.4	237.5	29.5	112.2	17.7	1.3
REP 27945	QC			158.8	27	0.73	527	0.367	7.82	1.690	1.85	4.0	107.0	15.6	8	4.8	0.04	63.9	237.9	28.9	111.3	17.3	1.3
Reference Materials																							
STD OREAS24P	Standard			17.6	205	4.21	267	1.092	8.62	2.519	0.70	0.5	145.8	1.6	1	19.9	<0.04	21.0	36.07	4.7	22.4	4.9	1.4
STD OREAS24P	Standard			17.1	210	4.21	271	1.082	8.49	2.471	0.68	0.5	143.8	1.5	<1	20.0	<0.04	20.8	34.61	4.5	22.6	4.9	1.5
STD OREAS24P	Standard			17.8	204	4.13	262	1.071	8.30	2.403	0.68	0.5	137.0	1.6	1	19.1	<0.04	21.3	36.83	4.6	22.5	4.8	1.5
STD OREAS24P	Standard			18.3	208	4.11	273	1.068	8.15	2.361	0.68	0.4	140.3	1.6	1	19.7	<0.04	22.1	38.20	4.8	23.9	4.9	1.5
STD OREAS24P	Standard			18.3	196	4.21	278	1.065	8.43	2.420	0.70	0.4	137.0	1.7	1	19.3	<0.04	21.9	37.28	4.9	22.5	4.7	1.5
STD OREAS24P	Standard			17.8	193	4.04	257	1.076	8.35	2.388	0.69	0.4	130.4	1.6	<1	19.0	<0.04	20.4	35.71	4.5	21.3	4.4	1.4
STD OREAS24P	Standard			17.2	196	4.18	263	1.080	8.46	2.408	0.68	0.5	140.9	1.4	1	19.1	<0.04	20.1	36.46	4.5	21.4	4.8	1.5
STD OREAS24P	Standard			17.7	203	4.16	267	1.118	8.48	2.419	0.72	0.4	142.8	1.5	<1	20.2	<0.04	20.6	37.25	4.6	21.5	4.7	1.5
STD OREAS24P	Standard			19.8	203	4.32	291	1.108	8.30	2.531	0.70	0.5	141.3	1.7	1	20.7	<0.04	22.6	38.74	4.9	22.0	4.6	1.6
STD OREAS24P	Standard			18.9	202	4.17	285	1.079	8.18	2.487	0.68	0.5	135.9	1.8	<1	20.3	<0.04	22.2	37.98	4.8	21.3	4.4	1.6
STD OREAS24P	Standard			19.5	197	4.08	296	1.070	8.00	2.440	0.67	0.5	141.0	1.7	1	19.9	<0.04	23.0	40.18	4.9	20.8	4.8	1.6
STD OREAS24P	Standard			18.7	203	4.18	288	1.075	7.96	2.410	0.67	0.4	138.3	1.7	<1	20.5	<0.04	22.4	38.32	4.6	20.1	4.6	1.5
STD OREAS24P Expected				17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7	1.6
BLK	Blank			<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank			<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.60	<0.1	<0.1	<0.1	<0.1



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Project: True Blue  
 Report Date: July 27, 2010

Page: 1 of 2 Part 3

QUALITY CONTROL REPORT

WHI1000098.1

Method	Analyte	1T Gd	1T Tb	1T Dy	1T Ho	1T Er	1T Tm	1T Yb	1T Lu	1T Hf	1T Li	1T Rb	1T Ta	1T Nb	1T Cs	1T Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
Pulp Duplicates																
27895	Soil	22.3	3.0	19.2	3.5	8.8	1.2	8.3	1.0	2.98	24.7	96.2	9.6	241.7	3.5	22.88
REP 27895	QC	20.5	2.8	16.9	3.1	8.1	1.1	7.4	0.9	2.85	23.0	90.4	9.3	220.5	3.5	23.10
27903	Soil	1.6	0.2	1.4	0.2	0.7	<0.1	0.8	0.1	3.23	22.2	50.8	0.5	8.18	1.3	15.80
REP 27903	QC	1.5	0.2	1.3	0.2	0.7	<0.1	0.8	0.1	3.09	20.9	47.1	0.5	8.32	1.2	15.33
27868	Soil	13.3	2.5	16.7	3.6	9.8	1.2	7.2	0.9	4.46	58.8	49.5	9.6	129.9	2.7	17.23
REP 27868	QC	14.1	2.6	17.7	3.5	9.8	1.2	7.5	1.0	4.50	56.7	45.4	10.7	133.2	2.7	16.88
28034	Soil	7.6	1.1	7.4	1.5	4.2	0.6	4.0	0.6	1.93	25.6	66.2	2.9	62.65	5.7	19.69
REP 28034	QC	7.1	1.1	7.4	1.5	4.1	0.6	4.2	0.6	1.94	25.0	67.7	3.0	65.35	5.8	19.85
28011	Soil	13.2	2.1	12.1	2.3	6.0	0.8	5.7	0.8	2.62	34.1	106.0	7.9	142.6	4.9	26.12
REP 28011	QC	13.5	2.1	11.6	2.3	6.1	0.8	5.5	0.8	2.57	32.3	103.2	7.5	140.1	4.9	26.27
27945	Soil	14.3	2.3	13.6	2.6	6.8	0.8	5.6	0.8	2.85	30.0	98.5	10.6	229.0	10.4	39.82
REP 27945	QC	14.1	2.3	13.2	2.5	6.5	0.8	5.6	0.8	2.96	30.6	98.3	11.1	231.6	10.1	39.66
Reference Materials																
STD OREAS24P	Standard	5.3	0.7	4.4	0.8	2.0	0.2	1.9	0.2	3.49	8.4	21.5	1.2	20.99	0.9	20.80
STD OREAS24P	Standard	5.6	0.7	4.4	0.8	2.1	0.2	1.9	0.3	3.65	8.1	22.0	1.2	20.57	0.9	21.52
STD OREAS24P	Standard	5.1	0.8	4.4	0.8	2.0	0.2	1.8	0.2	3.39	7.5	22.1	1.1	19.70	0.8	20.26
STD OREAS24P	Standard	5.1	0.8	4.6	0.8	2.1	0.2	1.8	0.3	3.38	9.2	22.4	1.1	20.08	0.8	19.51
STD OREAS24P	Standard	5.2	0.7	4.7	0.9	2.0	0.3	1.7	0.2	3.26	8.0	21.7	1.1	20.63	0.8	20.55
STD OREAS24P	Standard	4.4	0.7	4.3	0.8	2.0	0.3	1.7	0.2	3.08	7.7	21.7	1.0	19.26	0.8	18.99
STD OREAS24P	Standard	4.4	0.7	4.6	0.8	2.1	0.3	1.5	0.2	3.69	9.0	22.5	1.2	20.18	0.8	20.18
STD OREAS24P	Standard	4.5	0.7	4.2	0.8	2.0	0.2	1.6	0.2	3.36	7.7	21.3	1.1	20.87	0.8	20.28
STD OREAS24P	Standard	5.0	0.8	4.8	0.9	2.2	0.3	1.8	0.2	3.50	10.0	23.3	1.2	20.57	0.9	20.53
STD OREAS24P	Standard	5.0	0.7	4.7	0.9	2.2	0.2	1.7	0.3	3.46	8.9	23.0	1.2	19.75	0.9	20.62
STD OREAS24P	Standard	5.3	0.8	4.7	0.9	2.3	0.2	1.7	0.3	3.58	9.2	23.0	1.2	20.68	0.9	20.54
STD OREAS24P	Standard	5.0	0.8	4.2	0.9	2.1	0.3	1.8	0.2	3.55	8.2	22.6	1.2	19.85	0.8	20.16
STD OREAS24P Expected		5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	0.6	<0.1	<0.04	<0.1	<0.02

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Client: **Great Western Minerals Group Ltd.**  
 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: July 27, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

WHI1000098.1

		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	0.16	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001



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Project: True Blue

Report Date: July 27, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

WHI1000098.1

		1T La ppm 0.1	1T Cr ppm 1	1T Mg % 0.02	1T Ba ppm 1	1T Ti % 0.001	1T Al % 0.02	1T Na % 0.002	1T K % 0.02	1T W ppm 0.1	1T Zr ppm 0.2	1T Sn ppm 0.1	1T Be ppm 1	1T Sc ppm 0.1	1T S % 0.04	1T Y ppm 0.1	1T Ce ppm 0.02	1T Pr ppm 0.1	1T Nd ppm 0.1	1T Sm ppm 0.1	1T Eu ppm 0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.31	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.59	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.20	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.77	<0.1	<0.1	<0.1	<0.1



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Project: True Blue

Report Date: July 27, 2010

Page: 2 of 2 Part 3

## QUALITY CONTROL REPORT

WHI1000098.1

		1T Gd ppm 0.1	1T Tb ppm 0.1	1T Dy ppm 0.1	1T Ho ppm 0.1	1T Er ppm 0.1	1T Tm ppm 0.1	1T Yb ppm 0.1	1T Lu ppm 0.1	1T Hf ppm 0.02	1T Li ppm 0.1	1T Rb ppm 0.1	1T Ta ppm 0.1	1T Nb ppm 0.04	1T Cs ppm 0.1	1T Ga ppm 0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	0.22	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	1.0	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02





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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: August 06, 2010  
Report Date: August 30, 2010  
Page: 1 of 11

## CERTIFICATE OF ANALYSIS

WHI10000225.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-014  
P.O. Number  
Number of Samples: 286

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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.

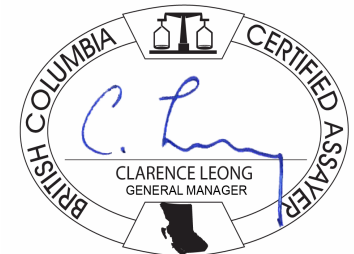
Invoice To: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	286	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	286	Dry at 60C			WHI
1T	286	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 30, 2010

Page: 2 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
26551	Soil	8.10	46.47	23.15	99.0	101	88.5	24.2	526	3.59	31.5	2.8	<0.1	15.4	20	0.47	3.08	1.42	296	0.30	0.097
26552	Soil	4.65	68.69	25.67	207.5	<20	67.8	18.8	222	2.96	33.6	3.1	<0.1	18.1	27	0.52	2.98	1.63	287	0.21	0.134
26553	Soil	6.54	68.04	28.16	160.1	219	61.0	14.9	141	2.50	26.7	3.1	<0.1	14.4	55	0.30	2.88	1.85	242	0.34	0.124
26554	Soil	6.31	50.51	26.13	145.3	163	45.7	11.7	207	2.76	34.5	3.4	<0.1	15.4	83	0.27	3.00	5.02	195	0.44	0.171
26555	Soil	27.47	103.0	34.03	161.4	628	41.4	12.8	128	2.66	169.8	9.1	<0.1	13.3	121	1.42	11.73	0.72	1142	0.19	0.069
26556	Soil	4.65	62.61	22.79	152.4	674	36.0	7.0	473	2.37	28.5	5.0	<0.1	6.1	370	0.60	1.67	0.37	121	1.59	0.186
26557	Soil	6.36	32.03	23.08	103.9	907	18.3	9.1	382	2.64	21.3	2.9	<0.1	5.9	462	0.81	2.05	0.31	127	1.65	0.120
26558	Soil	3.04	21.76	46.11	115.5	131	18.6	8.5	898	3.82	35.7	8.7	<0.1	9.8	258	0.64	1.80	1.18	127	1.36	0.260
26559	Soil	2.47	87.06	114.5	255.1	495	62.1	24.6	1105	6.62	67.7	5.6	<0.1	14.6	103	0.73	3.62	3.32	151	3.49	0.168
26560	Soil	4.36	69.48	179.5	223.5	845	58.4	18.2	1049	4.74	96.7	3.5	<0.1	12.1	151	1.24	5.31	0.89	265	1.89	0.116
26561	Soil	2.39	31.16	44.24	286.7	471	56.6	16.3	952	3.33	36.0	3.5	<0.1	7.5	91	1.33	7.66	0.90	139	8.27	0.174
26562	Soil	2.61	42.48	57.72	139.2	99	54.3	20.7	720	4.54	32.7	2.6	<0.1	12.6	123	0.44	2.95	0.48	152	0.52	0.107
26563	Soil	3.59	17.77	78.49	95.5	200	31.7	19.0	623	3.97	51.8	4.4	<0.1	14.4	49	0.44	2.10	0.96	80	0.32	0.205
26564	Soil	4.86	10.18	55.72	78.6	<20	23.9	15.6	378	3.68	55.2	3.7	<0.1	15.3	77	0.31	1.85	0.79	94	0.34	0.162
26565	Soil	6.24	15.10	38.25	132.9	227	25.7	9.1	573	3.68	159.9	3.1	<0.1	13.1	214	0.89	3.02	1.47	135	0.85	0.128
26566	Soil	6.22	10.73	36.74	48.2	32	30.5	6.8	711	3.17	19.0	3.2	<0.1	18.7	130	0.20	1.52	0.33	266	0.56	0.153
26567	Soil	10.21	4.17	38.79	50.9	79	34.4	4.7	1014	3.10	23.4	2.9	<0.1	17.8	61	0.26	1.49	0.26	298	0.61	0.173
26568	Soil	11.65	7.95	74.70	67.3	93	24.8	5.1	416	2.43	34.8	2.8	<0.1	21.1	70	0.58	1.38	0.31	285	0.62	0.114
26569	Soil	11.37	18.64	73.81	68.2	<20	16.1	9.8	661	3.97	30.9	2.9	<0.1	20.2	100	0.62	1.30	0.39	90	0.62	0.150
26570	Soil	7.60	37.08	37.45	36.7	<20	14.9	7.5	535	3.98	19.5	4.0	<0.1	27.9	83	0.19	1.71	0.50	63	0.54	0.124
26571	Soil	8.15	43.74	19.78	34.2	<20	14.3	9.3	536	4.39	21.3	3.9	<0.1	28.2	74	0.14	1.49	0.56	34	0.66	0.077
26572	Soil	7.57	11.08	47.48	79.2	<20	37.0	8.6	794	3.46	26.8	3.3	<0.1	25.1	156	0.21	3.23	0.25	109	1.03	0.102
26573	Soil	49.09	14.43	89.97	103.8	296	173.1	18.2	5677	5.09	126.0	7.8	<0.1	27.3	101	0.59	12.67	0.42	265	1.21	0.144
26574	Soil	7.11	7.01	28.41	50.1	45	34.3	3.7	356	1.97	24.7	2.1	<0.1	11.5	59	0.30	3.22	0.26	275	0.30	0.156
26575	Soil	2.61	22.20	30.65	60.3	81	24.6	8.0	325	2.95	11.3	2.3	<0.1	10.6	154	0.31	1.33	0.40	109	0.72	0.085
26576	Soil	5.00	41.12	72.09	169.1	<20	30.6	12.3	544	3.80	23.2	3.4	<0.1	22.3	135	0.46	2.23	0.42	92	0.65	0.096
26577	Soil	2.29	18.55	55.05	94.8	21	24.1	10.0	490	3.32	14.4	2.9	<0.1	15.2	174	0.32	1.32	0.34	101	1.08	0.115
26578	Soil	2.44	17.37	101.5	239.7	<20	22.2	8.6	747	4.84	13.3	4.4	<0.1	30.4	92	0.77	2.87	0.29	81	0.45	0.121
26579	Soil	2.87	16.20	37.81	72.6	<20	17.1	8.5	362	3.26	13.6	3.0	<0.1	16.9	130	0.70	1.28	0.40	96	0.60	0.167
26580	Soil	3.46	30.15	109.9	191.7	*	11.0	13.1	835	2.80	61.6	3.8	<0.1	28.6	71	0.97	1.87	0.19	37	0.37	0.057

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 Report Date: August 30, 2010

Page: 2 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
26551	Soil	22.4	69	0.68	879	0.143	5.23	0.714	2.43	6.5	83.0	8.3	3	9.0	0.07	16.1	49.53	6.6	27.4	4.2	0.6
26552	Soil	21.2	77	0.66	842	0.160	5.21	0.594	2.45	3.2	89.9	2.9	4	8.5	0.05	15.0	56.58	8.2	40.2	7.4	0.4
26553	Soil	19.9	66	0.69	1744	0.195	5.40	0.363	2.58	3.2	87.4	2.2	2	9.8	0.09	9.4	44.22	5.9	22.3	4.1	0.2
26554	Soil	44.9	75	0.51	1504	0.320	4.69	0.569	2.53	5.5	90.5	6.8	2	9.2	0.10	11.0	89.39	10.9	39.2	5.8	0.4
26555	Soil	48.1	87	0.19	683	0.260	7.89	0.441	2.57	2.1	74.5	5.6	2	10.7	<0.04	7.8	83.44	10.2	34.9	5.3	0.9
26556	Soil	35.2	27	0.67	740	0.247	5.46	2.146	1.83	0.8	105.7	2.2	2	5.7	0.10	23.0	35.94	8.3	34.1	5.6	1.4
26557	Soil	16.1	24	0.70	806	0.281	6.04	2.532	2.05	0.7	106.8	1.5	2	5.8	0.05	7.2	31.60	4.0	15.7	2.5	0.6
26558	Soil	28.9	46	1.80	882	0.278	5.70	1.435	1.98	1.2	114.1	4.3	2	6.9	0.07	7.6	59.04	6.5	24.7	3.6	0.7
26559	Soil	67.6	60	6.12	1436	0.237	5.68	0.563	1.56	2.6	114.8	5.3	3	8.9	<0.04	27.0	112.2	12.2	44.9	6.1	1.2
26560	Soil	46.9	86	3.63	1291	0.315	7.42	0.811	2.15	2.1	88.3	4.6	2	11.6	<0.04	20.4	93.63	9.7	40.6	5.7	1.2
26561	Soil	49.2	67	8.17	982	0.337	3.97	0.297	1.14	4.7	70.7	3.2	2	8.8	0.05	22.1	76.82	9.4	37.9	5.6	1.2
26562	Soil	43.7	96	1.15	803	0.326	6.81	0.975	2.57	1.1	67.5	2.7	2	12.2	<0.04	14.6	94.38	10.9	43.8	6.3	1.3
26563	Soil	50.3	32	1.28	394	0.120	6.14	1.419	1.11	0.8	70.2	7.1	2	4.7	0.11	12.8	104.7	12.0	46.2	7.0	0.7
26564	Soil	64.7	45	1.59	493	0.224	6.34	1.951	1.02	1.6	102.4	5.9	2	5.9	0.08	16.0	128.6	14.3	53.1	7.4	0.9
26565	Soil	56.7	38	1.49	630	0.201	7.06	2.101	1.28	1.4	104.3	9.1	2	7.6	0.08	19.8	107.5	12.1	46.2	7.1	1.1
26566	Soil	69.4	62	1.33	812	0.254	6.42	1.627	1.44	2.0	96.2	5.7	3	10.6	<0.04	13.2	126.4	13.8	51.2	7.1	0.8
26567	Soil	47.1	51	1.77	775	0.181	6.65	0.875	0.95	2.7	101.2	3.5	2	13.5	0.05	14.9	89.03	9.7	36.1	5.5	0.7
26568	Soil	77.9	58	0.98	491	0.181	6.57	1.374	0.88	1.8	68.1	4.9	2	9.5	<0.04	11.8	140.2	13.8	47.4	6.1	0.8
26569	Soil	123.8	44	0.60	772	0.273	5.74	2.281	1.33	1.5	70.6	7.2	3	6.4	0.10	15.0	214.5	19.9	68.5	8.3	1.2
26570	Soil	95.9	45	0.59	725	0.266	7.02	2.847	1.18	2.7	88.1	8.2	3	6.1	0.10	22.1	186.2	19.5	71.5	10.3	1.3
26571	Soil	95.6	29	0.70	597	0.183	7.33	2.881	0.96	2.0	53.5	4.5	4	5.4	0.13	25.1	182.1	19.1	70.9	9.8	1.3
26572	Soil	56.7	67	0.83	1003	0.332	6.49	2.263	1.56	2.1	88.9	4.6	2	9.7	0.05	23.7	125.1	13.8	54.6	8.5	1.2
26573	Soil	61.7	216	1.49	1518	0.357	9.42	0.418	2.17	5.6	223.5	3.7	4	20.3	0.07	54.1	128.0	15.9	64.0	10.3	1.7
26574	Soil	37.7	68	0.53	745	0.219	4.53	1.018	1.19	2.0	58.5	2.4	2	6.5	0.06	7.7	70.92	7.7	31.0	4.1	0.5
26575	Soil	36.6	64	0.67	786	0.386	4.82	1.679	1.50	1.5	67.5	2.3	2	7.4	0.04	12.7	72.97	8.0	30.8	4.4	0.7
26576	Soil	72.8	59	0.83	796	0.352	6.46	2.517	1.49	1.9	78.7	3.8	2	7.6	0.07	20.4	153.4	15.9	58.4	8.1	1.2
26577	Soil	68.4	77	0.75	778	0.435	5.22	2.079	1.50	1.6	69.3	3.4	2	9.3	0.05	18.6	129.7	14.1	55.3	7.9	1.1
26578	Soil	112.1	40	0.87	791	0.324	7.06	2.921	1.49	3.9	169.6	9.2	5	8.6	0.04	28.0	273.4	28.7	109.0	15.8	2.6
26579	Soil	61.6	64	0.46	697	0.386	5.10	2.358	1.36	1.8	86.3	3.5	2	6.7	0.08	15.0	123.4	13.2	51.4	7.0	1.0
26580	Soil	96.1	28	0.46	569	0.211	7.25	3.526	1.53	1.7	90.8	6.3	3	4.5	<0.04	30.5	191.5	20.7	79.2	11.1	1.5

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**Project:** True Blue  
**Report Date:** August 30, 2010

**Page:** 2 of 11 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	
26551	Soil	3.4	0.5	3.2	0.6	1.6	0.3	1.9	0.3	2.13	25.7	64.8	1.3	33.32	3.0	16.02
26552	Soil	4.8	0.6	3.6	0.6	1.6	0.3	2.0	0.3	2.38	26.6	75.8	1.7	34.09	3.0	15.78
26553	Soil	2.6	0.3	1.7	0.4	1.1	0.2	1.3	0.2	2.26	30.2	94.5	0.6	10.56	10.8	14.61
26554	Soil	3.4	0.4	2.2	0.4	1.2	0.2	1.2	0.2	2.56	13.9	106.6	1.2	27.06	2.5	14.65
26555	Soil	2.6	0.3	1.7	0.3	0.7	0.1	0.9	0.2	2.05	16.8	141.0	0.5	8.00	13.8	19.21
26556	Soil	5.7	0.7	4.1	0.7	1.9	0.2	1.8	0.3	2.75	24.5	53.9	0.7	10.04	4.4	16.38
26557	Soil	2.1	0.3	1.6	0.3	0.8	0.1	0.9	0.1	2.89	23.3	46.1	0.5	7.45	4.4	17.62
26558	Soil	2.4	0.3	1.8	0.3	0.8	<0.1	0.9	0.1	2.94	25.8	68.4	1.5	31.72	3.0	17.93
26559	Soil	5.1	0.7	4.6	0.8	2.4	0.4	2.7	0.4	2.60	37.5	81.9	1.8	42.87	3.2	14.70
26560	Soil	4.6	0.6	3.5	0.7	1.7	0.2	1.8	0.3	2.43	40.6	99.2	0.8	15.64	4.4	18.01
26561	Soil	5.0	0.6	4.1	0.6	1.7	0.2	1.6	0.2	2.10	36.1	56.5	0.9	18.82	3.5	8.87
26562	Soil	5.0	0.6	3.7	0.6	1.6	0.2	1.6	0.2	1.81	40.6	85.0	0.8	12.59	3.3	19.67
26563	Soil	4.1	0.6	3.4	0.5	1.4	0.2	1.3	0.2	1.67	33.0	34.3	1.0	25.36	8.3	24.03
26564	Soil	4.8	0.7	4.0	0.7	1.9	0.3	1.9	0.3	2.49	35.1	29.4	2.5	56.05	4.9	22.23
26565	Soil	5.5	0.9	5.2	0.8	2.2	0.3	1.8	0.2	2.44	32.9	37.1	2.5	65.97	4.6	22.95
26566	Soil	4.8	0.6	3.2	0.5	1.5	0.2	1.4	0.2	2.54	27.7	55.5	1.7	30.26	5.3	20.11
26567	Soil	3.8	0.5	3.2	0.5	1.5	0.2	1.6	0.2	2.39	31.7	43.1	0.9	17.42	5.4	18.92
26568	Soil	3.3	0.6	2.8	0.4	1.2	0.2	1.4	0.2	1.84	27.0	36.8	1.4	28.27	7.4	18.26
26569	Soil	5.0	0.7	3.7	0.6	1.5	0.2	1.6	0.2	1.84	18.4	50.3	2.8	60.25	4.2	20.29
26570	Soil	7.3	1.0	5.7	0.9	2.4	0.3	2.0	0.3	2.03	22.6	46.7	4.8	103.0	5.3	26.49
26571	Soil	7.1	1.1	6.3	1.0	2.7	0.3	2.1	0.3	1.41	23.1	30.6	3.5	79.46	5.4	26.29
26572	Soil	6.5	0.9	5.7	1.0	2.7	0.3	2.4	0.3	2.41	24.8	58.8	2.1	49.53	7.1	20.82
26573	Soil	9.6	1.5	10.1	1.9	5.5	0.7	5.3	0.8	5.05	40.5	78.6	2.6	62.79	25.7	29.88
26574	Soil	2.7	0.3	1.6	0.3	0.9	0.1	0.9	0.1	1.48	21.7	47.5	1.1	19.80	8.8	15.39
26575	Soil	3.1	0.4	2.7	0.5	1.2	0.2	1.4	0.2	1.92	21.0	53.9	1.4	25.09	4.8	16.10
26576	Soil	5.1	0.8	5.0	0.9	2.2	0.3	2.2	0.3	2.08	27.3	53.3	2.9	62.44	4.3	21.87
26577	Soil	5.8	0.7	4.4	0.8	1.9	0.3	2.0	0.3	1.98	19.3	50.9	2.4	45.07	3.2	15.68
26578	Soil	10.5	1.4	7.7	1.2	3.3	0.4	3.2	0.4	4.06	38.8	51.1	3.6	78.58	8.5	28.62
26579	Soil	4.5	0.6	3.6	0.6	1.6	0.2	1.5	0.2	2.34	13.7	56.3	2.4	47.93	3.2	17.53
26580	Soil	8.4	1.2	7.7	1.3	3.6	0.4	2.8	0.4	2.29	26.0	59.6	4.9	114.7	15.3	28.62



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Project: True Blue  
 Report Date: August 30, 2010

Page: 3 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
26581	Soil	2.10	10.36	32.41	62.9	<20	12.7	5.4	290	2.83	47.1	2.4	<0.1	13.5	122	0.36	1.18	0.19	81	0.61	0.076
26582	Soil	2.96	11.19	114.5	86.0	<20	15.0	5.9	291	3.02	67.8	3.2	<0.1	18.2	142	0.33	1.69	0.22	89	0.69	0.073
26583	Soil	1.85	13.26	40.52	77.0	<20	22.4	8.3	420	3.30	40.3	2.6	<0.1	13.9	192	0.38	1.28	0.20	100	1.08	0.081
26584	Soil	3.09	13.03	71.58	124.9	<20	23.9	14.6	552	3.86	164.9	3.0	<0.1	19.1	177	0.41	1.64	0.25	88	0.85	0.090
26585	Soil	7.37	31.19	58.29	232.1	1061	16.6	8.3	998	5.85	1364	5.5	<0.1	23.5	100	0.93	8.72	0.18	54	0.42	0.090
26586	Soil	2.46	14.72	36.75	88.5	70	19.9	7.4	316	3.02	46.4	2.3	<0.1	11.5	145	0.34	1.59	0.24	95	0.71	0.121
26587	Soil	2.05	16.85	32.10	99.1	23	18.9	7.0	350	2.82	24.4	2.5	<0.1	12.6	148	0.34	1.36	0.30	85	0.76	0.086
26588	Soil	2.20	20.91	42.26	140.5	83	18.0	10.2	396	2.79	31.6	3.0	<0.1	15.3	139	0.48	1.55	0.38	80	0.68	0.093
26589	Soil	2.11	22.01	42.46	111.7	139	23.3	8.7	473	3.12	21.3	3.1	<0.1	16.0	162	0.27	1.45	0.39	89	0.87	0.096
26590	Soil	2.45	22.10	21.43	78.2	<20	27.3	10.6	462	3.90	15.0	3.5	<0.1	14.7	159	0.23	1.49	0.35	95	0.85	0.094
26591	Soil	2.73	22.19	183.0	221.4	297	25.9	11.1	817	4.14	73.6	3.9	<0.1	14.8	178	0.48	3.12	0.35	102	1.00	0.108
26592	Soil	3.49	19.77	102.2	160.4	<20	16.5	8.5	552	3.58	48.2	3.3	<0.1	16.4	126	0.38	2.07	0.37	76	0.62	0.084
26593	Soil	2.93	15.73	40.67	100.5	<20	12.9	8.7	498	2.93	54.2	3.6	<0.1	28.1	86	0.27	1.26	0.27	57	0.48	0.093
26594	Soil	3.32	14.49	49.33	92.7	31	22.1	10.0	595	4.12	65.9	3.9	<0.1	23.0	152	0.28	1.60	0.46	91	0.84	0.120
26595	Soil	2.81	19.91	25.54	68.9	35	18.7	9.3	479	3.20	17.7	3.7	<0.1	22.0	253	0.21	1.35	0.44	76	1.07	0.104
26596	Soil	7.63	90.39	84.91	173.8	140	95.7	22.3	423	3.07	63.2	3.2	<0.1	13.9	52	0.45	12.58	0.82	279	0.33	0.147
26597	Soil	3.26	110.2	31.27	118.8	81	99.9	30.3	372	5.80	20.6	16.3	<0.1	39.4	75	0.23	2.97	0.50	251	0.77	0.151
26598	Soil	2.37	124.1	53.07	150.6	571	93.2	32.1	383	5.95	25.4	15.0	<0.1	42.8	89	0.25	2.70	0.55	245	0.90	0.143
26599	Soil	3.38	234.0	3320	753.3	9485	109.6	37.3	915	7.40	497.2	18.5	<0.1	55.3	94	4.08	30.59	2.42	239	0.88	0.179
26600	Soil	2.14	101.1	591.2	197.3	2360	41.5	18.3	498	3.61	125.1	8.9	<0.1	22.6	421	0.96	10.11	0.58	91	1.53	0.121
26601	Soil	1.08	16.10	34.65	72.1	74	32.7	6.2	312	1.64	8.9	2.6	<0.1	10.1	98	0.27	1.29	0.30	194	0.58	0.112
26602	Soil	1.59	42.94	663.2	1079	1249	34.0	7.7	430	2.32	153.6	2.4	<0.1	9.7	85	5.64	99.13	0.25	227	0.47	0.119
26603	Soil	10.08	190.8	154.1	266.7	1140	183.9	50.7	342	12.47	151.9	48.4	<0.1	18.7	113	0.93	5.91	5.57	298	1.31	0.517
26604	Soil	17.21	112.0	289.0	1419	1338	235.0	47.5	2663	4.67	189.6	8.4	<0.1	17.2	58	9.46	20.93	2.07	414	1.60	0.326
26605	Soil	7.95	214.1	231.3	505.3	777	304.6	66.1	692	6.86	248.4	25.1	<0.1	17.2	65	1.40	143.0	1.28	367	1.03	0.403
26606	Soil	2.65	47.18	67.34	169.8	286	62.0	13.2	378	2.24	20.6	2.9	<0.1	13.1	61	0.46	4.91	0.56	297	0.42	0.122
26607	Soil	2.61	42.48	176.1	209.6	339	50.8	12.1	271	2.45	23.3	3.1	<0.1	12.8	83	0.48	2.99	0.71	277	0.47	0.116
26608	Soil	2.36	40.19	1029	68.4	3070	38.6	9.5	280	2.82	44.1	2.6	<0.1	10.7	144	0.23	3.78	0.46	170	0.80	0.115
26609	Soil	3.68	54.66	401.0	184.1	694	54.0	12.5	228	2.68	44.1	3.0	<0.1	13.0	134	0.37	4.24	0.56	262	0.55	0.102
26610	Soil	4.34	62.94	89.56	54.6	246	62.9	16.4	211	2.87	18.7	3.7	<0.1	17.3	69	0.22	2.28	0.44	320	0.38	0.119

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Project: True Blue  
 Report Date: August 30, 2010

Page: 3 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
26581	Soil	53.4	54	0.44	605	0.356	5.11	2.424	1.32	1.3	80.1	3.1	1	6.4	<0.04	12.5	100.6	10.6	39.3	5.6	0.8
26582	Soil	72.0	54	0.55	668	0.360	5.67	2.396	1.44	1.6	89.6	4.0	2	7.6	<0.04	14.6	132.6	14.2	53.8	7.1	1.1
26583	Soil	48.0	66	0.77	829	0.405	5.80	2.121	1.63	2.0	74.7	2.7	2	8.8	<0.04	14.6	98.04	10.1	39.5	5.9	0.9
26584	Soil	88.3	55	0.76	788	0.356	6.40	2.654	1.66	1.7	86.4	3.9	2	8.9	<0.04	18.9	173.9	17.7	67.7	9.3	1.9
26585	Soil	85.8	34	0.51	754	0.231	6.77	2.529	1.61	1.5	83.1	4.6	3	6.7	<0.04	26.9	160.2	16.6	63.3	9.0	1.8
26586	Soil	53.0	52	0.63	766	0.345	5.48	2.019	1.72	2.0	76.5	3.8	2	7.9	0.06	13.1	97.88	10.4	40.0	5.5	1.0
26587	Soil	53.3	52	0.64	771	0.355	5.74	2.328	1.52	1.6	74.1	3.1	2	6.6	<0.04	14.3	109.9	11.8	43.0	6.6	1.2
26588	Soil	68.5	48	0.58	729	0.376	5.64	2.426	1.56	1.7	92.4	3.7	2	6.4	<0.04	15.1	142.4	15.1	56.9	8.5	1.5
26589	Soil	61.7	60	0.77	834	0.368	5.80	2.161	1.58	2.0	76.7	2.9	2	7.5	<0.04	17.2	128.2	13.7	49.9	7.8	1.2
26590	Soil	57.4	75	0.85	1099	0.453	6.02	2.017	1.75	2.1	75.4	3.2	2	8.4	<0.04	20.0	117.5	12.9	48.0	7.4	1.6
26591	Soil	64.7	64	0.90	1047	0.454	5.75	1.951	1.78	1.7	75.3	3.0	2	8.4	<0.04	22.7	132.5	13.8	53.6	8.1	1.5
26592	Soil	69.4	47	0.69	789	0.393	6.61	2.379	1.46	2.6	73.0	4.9	3	6.3	<0.04	18.4	143.6	15.6	58.1	8.4	1.5
26593	Soil	101.1	18	0.69	758	0.277	6.92	2.581	1.41	1.7	123.5	7.0	4	5.9	<0.04	22.2	204.2	21.2	77.1	11.9	2.4
26594	Soil	85.7	53	0.77	857	0.385	5.66	2.288	1.60	1.9	101.2	4.3	3	8.6	<0.04	25.5	199.5	18.6	70.0	10.7	2.4
26595	Soil	74.0	41	0.77	852	0.372	6.06	2.636	1.72	2.0	113.9	3.7	2	6.8	<0.04	20.8	161.3	16.5	59.9	8.9	1.9
26596	Soil	34.7	85	0.59	1756	0.285	5.72	1.063	2.14	4.1	89.8	2.2	2	9.7	<0.04	10.7	78.18	9.3	36.9	5.8	0.6
26597	Soil	205.5	76	2.33	2517	0.591	5.94	1.027	2.07	3.2	94.5	2.5	3	13.3	0.17	25.2	421.9	37.9	129.1	13.4	2.5
26598	Soil	180.6	75	2.60	2060	0.748	6.23	1.059	1.93	4.8	103.3	3.5	3	14.5	0.16	23.8	332.1	32.1	102.5	10.8	2.6
26599	Soil	274.6	69	1.96	1948	0.609	5.84	0.934	1.88	7.6	99.5	8.4	3	13.9	0.22	30.5	440.0	44.8	151.9	15.4	3.0
26600	Soil	107.6	22	0.77	926	0.315	5.24	2.226	1.84	1.5	109.5	4.0	1	5.7	0.08	16.0	204.2	21.1	75.6	8.5	1.3
26601	Soil	34.6	59	0.52	1355	0.258	4.77	1.186	1.72	1.2	71.6	1.3	1	8.3	<0.04	9.9	68.17	8.5	33.1	5.3	0.7
26602	Soil	26.4	66	0.51	1229	0.316	5.04	1.237	2.02	2.0	76.9	19.2	1	10.6	0.05	10.8	54.02	6.7	27.9	4.5	0.7
26603	Soil	1748	66	1.06	376	0.162	5.00	1.417	1.19	1.5	78.6	1.7	2	10.1	0.47	44.5	>2000	192.6	561.9	46.3	7.7
26604	Soil	363.4	84	1.00	881	0.222	6.41	0.905	1.44	1.2	114.9	13.2	2	15.0	0.08	34.9	678.6	61.0	202.0	21.8	2.5
26605	Soil	523.7	77	1.55	1442	0.210	5.68	1.804	1.47	1.2	94.5	3.2	3	12.9	0.28	31.2	926.3	74.1	231.6	23.2	3.1
26606	Soil	44.1	66	0.56	2651	0.271	5.89	0.571	2.71	1.5	87.6	2.4	2	10.7	<0.04	13.0	86.40	10.8	43.7	6.9	1.0
26607	Soil	50.3	64	0.65	2608	0.318	5.78	0.863	2.60	1.5	84.3	2.3	2	10.2	<0.04	11.2	94.70	12.1	47.1	7.1	0.9
26608	Soil	36.9	62	0.63	1430	0.327	5.07	1.407	1.79	1.2	60.0	3.0	2	8.5	0.05	11.1	74.06	8.7	35.5	5.5	0.8
26609	Soil	53.5	64	0.69	4349	0.275	6.00	0.955	2.84	1.1	95.6	3.1	2	9.6	<0.04	9.7	104.1	12.9	49.9	7.5	0.7
26610	Soil	61.6	62	0.69	2533	0.246	6.08	0.628	2.74	0.9	104.0	3.3	2	10.5	<0.04	13.0	120.5	14.8	58.1	9.1	1.5

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Project: True Blue  
 Report Date: August 30, 2010

Page: 3 of 11 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
26581	Soil	3.6	0.5	2.9	0.5	1.3	0.2	1.4	0.2	2.10	12.5	48.9	2.4	46.05	2.2	18.60
26582	Soil	4.7	0.6	3.4	0.6	1.5	0.2	1.6	0.2	2.40	17.6	52.2	2.6	52.64	2.6	19.04
26583	Soil	4.0	0.5	3.3	0.5	1.5	0.2	1.6	0.2	2.02	21.9	57.1	1.8	31.61	2.4	15.64
26584	Soil	6.3	0.8	4.4	0.7	2.0	0.3	1.9	0.3	2.36	23.4	59.5	2.7	53.27	3.1	19.18
26585	Soil	7.2	1.1	6.5	1.2	3.1	0.4	2.7	0.3	2.33	25.3	62.8	3.2	61.75	5.5	21.70
26586	Soil	4.0	0.6	2.8	0.5	1.4	0.2	1.3	0.2	2.05	19.5	58.6	1.9	36.85	2.4	16.64
26587	Soil	4.7	0.6	3.4	0.6	1.7	0.2	1.6	0.2	2.06	21.2	50.2	2.4	42.37	2.6	17.69
26588	Soil	5.1	0.7	3.7	0.6	1.7	0.2	1.8	0.2	2.52	18.7	51.0	2.7	51.61	2.7	18.43
26589	Soil	5.0	0.8	4.1	0.7	1.9	0.3	1.8	0.3	2.42	21.9	54.3	2.2	38.50	3.4	17.46
26590	Soil	5.3	0.8	4.5	0.8	2.2	0.3	2.0	0.3	2.18	27.2	61.7	3.0	54.57	4.7	17.47
26591	Soil	6.3	0.9	5.0	0.9	2.4	0.3	2.2	0.3	2.15	27.9	64.8	2.5	45.15	4.5	17.73
26592	Soil	5.5	0.8	4.6	0.8	1.9	0.3	1.9	0.3	2.01	26.0	49.2	4.2	82.18	7.4	21.43
26593	Soil	8.5	1.2	6.2	1.0	2.4	0.3	2.5	0.3	3.69	39.7	43.3	3.1	57.04	8.1	25.10
26594	Soil	7.7	1.1	6.1	1.0	2.8	0.4	2.7	0.4	2.82	30.0	55.0	2.9	48.90	5.8	18.74
26595	Soil	6.0	0.9	5.2	0.8	2.3	0.3	2.3	0.3	3.18	26.7	53.8	2.5	43.42	3.9	19.09
26596	Soil	4.0	0.5	2.4	0.4	1.3	0.2	1.7	0.3	2.37	22.2	68.2	0.8	12.81	3.9	17.60
26597	Soil	6.8	1.0	5.6	0.9	2.4	0.3	2.4	0.3	2.40	24.0	51.1	1.1	23.90	3.7	16.14
26598	Soil	6.9	0.9	5.1	0.9	2.5	0.3	2.3	0.3	2.69	25.0	46.9	1.2	26.47	3.5	16.46
26599	Soil	9.1	1.2	6.6	1.1	2.9	0.4	2.8	0.4	2.53	23.5	51.6	1.1	25.18	3.9	16.52
26600	Soil	4.8	0.6	3.5	0.6	1.5	0.2	1.4	0.2	2.77	20.2	41.1	0.5	9.24	1.8	17.19
26601	Soil	3.7	0.4	2.3	0.4	1.0	0.2	1.3	0.2	1.91	11.9	55.8	0.6	8.49	1.9	13.56
26602	Soil	3.3	0.4	2.4	0.4	1.2	0.2	1.3	0.2	1.94	16.4	73.1	0.7	11.26	4.3	16.32
26603	Soil	18.9	2.6	11.0	1.5	3.6	0.4	3.3	0.5	1.99	14.3	42.8	0.4	10.01	3.2	20.92
26604	Soil	11.7	1.7	8.1	1.3	3.6	0.5	3.5	0.5	2.86	20.1	52.1	0.6	15.75	7.3	22.74
26605	Soil	10.6	1.4	6.9	1.1	2.6	0.3	2.8	0.4	2.33	22.2	46.1	0.3	7.89	3.7	19.55
26606	Soil	4.7	0.6	2.9	0.5	1.4	0.2	1.7	0.2	2.39	16.3	84.5	0.5	8.40	4.1	17.93
26607	Soil	4.6	0.6	2.8	0.4	1.1	0.2	1.4	0.2	2.38	16.2	83.7	0.6	10.32	3.1	17.75
26608	Soil	3.5	0.5	2.6	0.4	1.2	0.2	1.3	0.2	1.75	16.4	61.5	0.8	10.91	2.3	14.37
26609	Soil	4.6	0.5	2.4	0.4	1.0	0.2	1.5	0.2	2.46	19.3	86.3	0.5	8.27	3.1	17.65
26610	Soil	6.1	0.6	3.2	0.5	1.5	0.2	1.8	0.3	2.79	16.2	92.7	0.5	7.76	3.2	17.99



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 Report Date: August 30, 2010

Page: 4 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
26611	Soil	4.35	45.44	222.5	76.4	170	46.4	11.2	273	2.61	11.4	3.8	<0.1	11.1	111	0.19	2.19	0.32	349	0.47	0.118
26612	Soil	3.00	39.60	220.1	80.1	157	41.8	9.5	276	2.23	9.0	3.1	<0.1	11.9	118	0.24	1.68	0.38	333	0.50	0.104
26613	Soil	1.76	12.29	35.30	45.6	55	26.3	3.4	133	1.39	9.9	2.6	<0.1	11.3	44	0.13	1.75	0.25	290	0.17	0.096
26614	Soil	1.67	19.89	15.68	53.6	90	5.5	6.6	397	2.12	2.7	1.7	<0.1	4.2	496	0.19	0.49	0.15	58	1.76	0.065
26615	Soil	4.14	42.41	120.2	164.0	279	34.2	15.0	485	3.36	14.1	3.3	<0.1	9.3	295	0.32	2.48	0.73	212	1.25	0.115
26616	Soil	3.90	55.46	90.56	144.3	120	48.1	20.5	717	4.34	30.5	3.6	<0.1	12.9	84	0.44	4.26	27.06	266	0.50	0.163
26617	Soil	3.21	41.21	167.0	137.5	327	22.9	9.8	385	2.91	86.8	4.7	<0.1	17.0	288	0.33	7.59	0.85	157	0.94	0.168
26618	Soil	1.69	20.07	23.46	53.7	129	4.9	5.9	390	1.90	3.2	1.7	<0.1	4.1	485	0.14	0.56	0.17	48	1.70	0.054
26619	Soil	3.64	46.51	218.4	102.6	169	50.3	10.1	244	2.57	13.0	3.1	<0.1	11.8	64	0.55	2.20	0.41	355	0.28	0.117
26620	Soil	3.26	41.85	208.4	117.1	343	27.7	8.6	263	3.32	85.7	5.0	<0.1	15.5	135	0.29	4.82	0.85	198	0.55	0.163
26621	Soil	1.54	19.34	20.21	47.8	208	4.1	5.4	373	1.74	3.0	1.8	<0.1	4.1	488	0.11	0.46	0.15	43	1.67	0.065
26622	Soil	4.80	22.12	70.01	93.1	159	34.0	7.3	668	2.23	52.6	3.3	<0.1	11.1	215	0.31	3.62	0.39	222	0.64	0.101
26623	Soil	4.00	90.32	79.99	79.7	294	53.1	40.0	600	4.33	25.5	3.3	<0.1	7.1	368	0.22	1.26	0.35	136	1.80	0.118
26624	Soil	2.15	21.57	12.84	62.4	140	9.6	7.8	361	2.21	2.3	1.7	<0.1	4.2	456	0.15	0.67	0.16	82	1.67	0.092
26625	Soil	4.65	41.83	22.80	112.8	416	30.6	6.6	173	2.36	8.7	4.0	<0.1	9.0	109	0.35	2.18	0.28	359	0.47	0.171
26626	Soil	7.72	60.50	37.06	286.2	494	57.0	13.8	353	4.41	16.1	5.1	<0.1	10.4	68	0.47	4.39	0.37	582	0.29	0.173
26627	Soil	7.02	42.43	20.67	136.0	323	29.8	5.5	144	2.58	37.9	4.5	<0.1	11.1	87	0.29	2.72	0.28	431	0.35	0.110
26628	Soil	1.59	20.21	8.73	53.1	72	7.5	9.9	419	2.48	1.6	1.3	<0.1	3.3	548	0.07	0.37	0.13	78	2.22	0.061
26629	Soil	1.82	20.69	8.78	50.2	88	4.7	6.9	392	1.92	1.8	1.4	<0.1	3.6	504	0.10	0.43	0.13	45	1.84	0.063
26630	Soil	1.85	20.39	9.23	50.8	79	3.3	5.4	382	1.65	1.5	1.5	<0.1	4.1	501	0.08	0.41	0.15	32	1.80	0.058
26631	Soil	10.74	6.62	11.52	87.5	<20	29.0	7.7	883	5.35	6.6	3.4	<0.1	18.2	64	0.13	0.74	0.36	171	0.58	0.107
26632	Soil	5.95	4.92	6.16	32.8	<20	35.6	8.1	317	3.10	10.6	1.8	<0.1	9.9	66	0.13	1.00	0.28	284	0.53	0.105
26633	Soil	5.33	3.67	7.37	24.0	<20	20.4	4.4	168	2.44	4.3	1.7	<0.1	7.3	56	0.07	0.72	0.21	262	0.35	0.090
26634	Soil	11.57	4.23	6.68	27.8	<20	20.4	7.4	437	4.54	6.3	3.6	<0.1	22.4	52	0.10	0.94	0.29	174	0.36	0.108
26635	Soil	6.09	3.74	9.69	18.0	<20	17.1	3.6	132	1.97	7.0	2.0	<0.1	9.8	46	0.05	0.86	0.19	288	0.25	0.024
26636	Soil	7.84	3.85	5.64	22.8	<20	15.4	4.4	223	3.43	3.5	2.4	<0.1	13.4	48	0.10	0.76	0.17	217	0.26	0.038
26637	Soil	4.74	2.97	5.94	48.1	<20	29.9	4.8	272	4.87	2.7	1.4	<0.1	10.1	47	0.08	0.75	0.14	167	0.24	0.050
26638	Soil	9.17	5.00	7.46	50.7	<20	40.3	6.1	294	3.23	3.3	1.8	<0.1	11.9	51	0.10	1.05	0.36	325	0.35	0.116
26639	Soil	23.43	0.96	2.20	32.7	<20	47.2	3.1	77	1.64	0.5	1.3	<0.1	5.0	21	0.02	1.04	0.34	262	0.43	0.130
26640	Soil	3.56	1.48	3.43	39.1	<20	76.3	8.3	103	2.00	2.1	1.7	<0.1	7.6	24	0.06	1.15	0.17	365	0.39	0.136

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Project: True Blue  
 Report Date: August 30, 2010

Page: 4 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
26611	Soil	31.2	77	0.65	2396	0.255	6.70	0.809	2.99	1.1	108.6	2.3	2	10.7	<0.04	8.4	61.45	7.7	30.5	4.7	0.4
26612	Soil	37.6	72	0.60	2177	0.270	6.66	0.852	3.22	1.0	104.2	2.8	3	10.5	<0.04	9.7	72.32	9.1	35.7	5.0	0.6
26613	Soil	47.3	70	0.38	1477	0.338	5.27	1.108	2.17	1.4	83.1	3.1	2	9.0	<0.04	7.3	87.69	11.1	41.0	6.1	0.7
26614	Soil	13.0	8	0.61	799	0.284	5.99	2.802	2.22	0.5	115.3	0.8	<1	4.2	<0.04	6.2	26.80	3.1	12.4	2.2	0.5
26615	Soil	33.8	57	0.89	1465	0.317	6.26	1.474	2.43	0.8	98.8	2.0	2	9.5	<0.04	9.0	65.37	7.9	30.6	4.6	0.8
26616	Soil	47.0	63	0.89	1682	0.356	5.62	0.910	2.12	1.5	86.3	2.3	2	11.4	<0.04	13.4	96.53	10.8	41.3	6.4	0.9
26617	Soil	59.6	36	0.62	1256	0.358	5.47	1.997	2.11	1.8	112.0	3.0	2	6.3	0.06	10.0	116.4	11.6	39.5	5.1	0.7
26618	Soil	12.5	6	0.58	825	0.254	5.75	2.809	2.27	0.5	120.0	0.7	1	3.7	<0.04	6.0	25.87	2.9	11.3	2.0	0.5
26619	Soil	39.9	80	0.56	2328	0.264	5.75	0.423	2.88	1.1	95.7	2.6	2	10.6	<0.04	9.4	74.05	9.2	34.7	5.4	0.7
26620	Soil	70.8	50	0.59	1313	0.303	4.54	1.125	1.86	1.5	89.2	2.6	1	6.8	0.06	10.4	132.8	13.8	48.4	5.8	0.8
26621	Soil	12.7	6	0.55	807	0.236	5.82	2.829	2.10	0.6	115.7	0.7	1	3.5	<0.04	6.0	25.84	3.0	11.0	1.9	0.4
26622	Soil	65.9	39	0.41	1016	0.335	4.84	1.855	1.75	3.6	106.5	2.9	1	5.1	<0.04	7.8	111.9	10.7	35.6	4.1	0.7
26623	Soil	37.5	29	0.78	890	0.262	5.78	2.254	1.70	1.3	96.0	1.9	2	5.2	0.07	12.9	54.58	6.7	29.2	3.8	0.9
26624	Soil	13.1	13	0.66	857	0.262	6.08	2.560	2.20	0.6	116.3	0.8	1	4.4	<0.04	6.2	25.51	3.0	13.9	2.1	0.4
26625	Soil	26.7	74	0.43	2256	0.241	6.35	0.756	2.87	0.9	97.4	2.3	2	9.2	0.08	9.1	49.80	6.2	29.2	4.2	0.4
26626	Soil	28.4	111	0.89	4350	0.321	12.06	0.495	3.72	1.1	123.4	2.6	4	13.6	0.09	10.6	57.06	7.4	35.1	5.5	0.3
26627	Soil	33.7	74	0.42	2889	0.258	7.19	0.595	2.99	0.9	107.1	2.0	4	9.8	0.05	9.8	63.63	8.5	38.6	5.2	0.6
26628	Soil	11.2	9	0.84	716	0.318	6.46	2.973	2.05	0.5	106.0	0.7	1	5.2	<0.04	6.3	22.75	2.7	12.6	2.0	0.4
26629	Soil	11.3	6	0.57	791	0.230	6.75	2.918	2.29	0.6	123.0	0.6	1	3.4	<0.04	5.5	23.28	2.7	12.5	1.8	0.3
26630	Soil	12.3	4	0.42	891	0.202	8.11	2.884	2.44	0.6	134.3	0.6	1	2.8	<0.04	5.5	25.27	2.9	12.9	1.7	0.3
26631	Soil	69.2	57	1.18	597	0.374	6.27	2.154	1.70	2.6	87.4	4.9	5	7.4	<0.04	33.4	159.5	15.3	71.1	10.3	1.2
26632	Soil	28.6	72	1.05	409	0.276	5.24	1.873	1.23	1.7	60.6	1.9	3	8.6	<0.04	12.3	62.49	7.0	33.2	5.0	0.6
26633	Soil	17.1	57	0.70	282	0.304	4.95	2.498	0.89	1.8	62.1	1.9	2	6.4	<0.04	12.3	34.87	4.4	20.6	3.4	0.4
26634	Soil	105.6	50	1.13	471	0.210	6.39	2.233	1.59	3.0	108.7	5.9	4	6.1	<0.04	24.0	230.2	19.2	81.7	11.2	1.6
26635	Soil	33.1	49	0.42	359	0.264	5.53	2.462	1.31	2.3	76.6	2.4	2	7.7	<0.04	8.0	63.40	7.3	32.7	4.7	0.5
26636	Soil	59.7	48	0.62	486	0.231	6.37	2.649	1.80	2.2	74.9	5.7	3	5.9	<0.04	11.3	127.5	12.1	52.4	7.4	1.0
26637	Soil	73.2	60	1.24	354	0.242	7.02	3.283	1.10	1.5	55.3	6.9	3	6.5	<0.04	12.0	176.0	17.8	79.7	10.9	1.7
26638	Soil	33.4	77	1.69	360	0.270	5.69	2.138	1.06	2.8	58.6	2.7	2	10.3	<0.04	9.8	69.81	8.3	38.3	5.5	0.6
26639	Soil	16.6	47	2.17	152	0.175	6.66	0.795	0.28	2.5	43.3	5.1	2	8.7	<0.04	6.6	31.87	3.3	14.3	2.1	0.4
26640	Soil	21.3	66	2.40	233	0.198	6.84	0.982	1.07	2.7	58.0	2.5	3	12.1	<0.04	6.9	46.57	5.8	26.9	4.2	0.4

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Project: True Blue  
 Report Date: August 30, 2010

Page: 4 of 11 Part 3

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	Unit	MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T		
				Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.04	0.1	0.02	
26611	Soil			3.1	0.4	2.1	0.3	1.0	0.1	1.2	0.2	2.83	16.4	99.5	0.5	8.01	4.8	21.42
26612	Soil			3.1	0.4	2.0	0.4	1.1	0.2	1.4	0.2	2.83	14.2	104.8	0.5	8.71	3.5	20.86
26613	Soil			3.3	0.4	1.8	0.3	0.9	0.1	1.1	0.2	2.28	11.4	75.8	0.8	13.19	2.7	17.01
26614	Soil			1.6	0.2	1.3	0.2	0.6	<0.1	0.7	0.1	3.07	19.2	38.2	0.4	5.87	1.2	17.79
26615	Soil			3.4	0.4	2.0	0.4	1.0	0.1	1.2	0.2	2.71	16.4	72.7	0.5	8.07	2.6	19.04
26616	Soil			4.4	0.6	3.3	0.5	1.4	0.2	1.6	0.2	2.21	15.5	73.8	0.8	12.97	7.3	17.17
26617	Soil			2.8	0.4	2.3	0.4	1.1	0.1	1.1	0.2	3.09	16.8	55.4	0.9	16.46	2.6	17.33
26618	Soil			1.3	0.2	1.2	0.2	0.6	<0.1	0.6	<0.1	3.04	19.8	38.5	0.4	5.95	1.2	16.93
26619	Soil			3.9	0.4	2.2	0.4	1.0	0.2	1.2	0.2	2.62	12.0	110.5	0.5	8.30	3.9	18.95
26620	Soil			3.6	0.5	2.4	0.4	1.0	0.1	1.1	0.2	2.28	12.7	60.8	0.8	13.89	3.0	15.23
26621	Soil			1.6	0.2	1.1	0.3	0.7	<0.1	0.7	0.1	3.05	19.4	37.8	0.4	5.71	1.2	16.87
26622	Soil			2.7	0.3	1.7	0.3	0.8	0.1	0.9	0.1	2.89	16.2	47.8	0.9	17.55	3.4	17.02
26623	Soil			2.7	0.4	2.3	0.4	1.2	0.2	1.2	0.2	2.51	20.4	34.6	0.5	11.39	5.1	17.13
26624	Soil			1.6	0.2	1.2	0.3	0.7	<0.1	0.6	<0.1	3.00	18.0	38.4	0.4	6.67	1.5	17.39
26625	Soil			2.8	0.4	2.0	0.3	0.9	0.1	1.1	0.2	2.57	12.5	98.9	0.6	9.11	4.4	18.89
26626	Soil			3.8	0.5	2.7	0.4	1.2	0.2	1.5	0.2	3.40	17.7	139.6	0.8	12.39	6.9	28.26
26627	Soil			3.5	0.4	2.2	0.4	0.9	0.1	1.2	0.2	2.91	11.6	105.7	0.6	9.42	4.4	20.13
26628	Soil			1.5	0.2	1.3	0.2	0.7	<0.1	0.7	<0.1	2.85	18.2	29.1	0.4	6.05	1.1	18.86
26629	Soil			1.4	0.2	1.2	0.2	0.6	<0.1	0.7	<0.1	3.21	20.5	33.3	0.4	6.15	1.2	18.11
26630	Soil			1.2	0.2	1.1	0.2	0.6	<0.1	0.6	<0.1	3.60	21.3	38.0	0.4	6.36	1.3	18.88
26631	Soil			7.8	1.2	7.8	1.3	3.6	0.4	2.9	0.4	2.25	22.7	74.1	4.8	102.1	3.3	26.79
26632	Soil			3.3	0.4	2.7	0.5	1.2	0.2	1.2	0.2	1.64	20.8	34.4	1.0	19.42	1.9	17.26
26633	Soil			2.7	0.4	2.5	0.5	1.3	0.2	1.3	0.2	1.79	9.6	25.0	1.2	23.82	1.3	18.84
26634	Soil			7.2	1.1	6.8	1.2	2.9	0.4	2.6	0.3	2.49	21.9	48.5	4.5	104.5	4.4	32.41
26635	Soil			2.7	0.3	1.6	0.3	0.8	0.1	1.0	0.2	2.07	8.6	40.4	1.4	28.46	1.8	20.10
26636	Soil			4.1	0.5	2.7	0.5	1.3	0.2	1.2	0.2	1.91	9.8	53.8	2.2	54.14	2.4	26.20
26637	Soil			6.6	0.7	3.5	0.5	1.0	0.2	1.1	0.2	1.39	25.3	41.7	1.9	40.86	3.2	29.23
26638	Soil			3.2	0.4	2.2	0.4	1.0	0.1	1.0	0.2	1.63	29.6	39.2	1.4	26.56	4.6	21.40
26639	Soil			1.3	0.2	1.4	0.3	0.8	0.1	0.7	0.1	1.29	22.6	4.3	0.5	10.53	4.4	20.85
26640	Soil			2.6	0.3	1.7	0.3	0.7	0.1	0.9	0.1	1.60	26.6	18.3	0.6	11.04	6.7	23.37

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Project: True Blue  
 Report Date: August 30, 2010

Page: 5 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	MDL	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
26641	Soil	5.42	3.34	4.39	20.8	<20	30.2	4.9	88	1.42	2.5	2.0	<0.1	8.8	39	0.08	0.57	0.29	281	0.20	0.103
26642	Soil	8.32	5.82	6.79	33.3	<20	10.2	3.5	262	3.74	5.4	3.0	<0.1	17.6	48	0.24	0.84	1.42	94	0.26	0.104
26643	Soil	8.73	6.89	7.64	45.3	<20	10.4	4.0	710	5.07	4.3	3.6	<0.1	20.4	58	0.20	0.89	0.60	59	0.29	0.160
26644	Soil	5.26	5.23	6.57	22.7	<20	14.4	3.3	149	1.56	3.0	2.6	<0.1	12.8	55	0.12	0.81	0.27	184	0.35	0.075
26645	Soil	2.67	5.97	8.98	41.8	<20	50.3	8.2	331	2.52	4.7	2.0	<0.1	13.7	72	0.22	1.04	0.29	277	1.19	0.251
26646	Soil	2.61	13.51	7.32	36.0	<20	11.3	5.2	256	1.78	2.0	1.9	<0.1	7.2	255	0.11	0.49	0.24	140	0.90	0.138
26647	Soil	2.67	15.03	9.48	49.5	<20	38.9	9.3	407	3.08	3.0	1.6	<0.1	6.4	263	0.10	0.74	0.34	170	1.39	0.189
26648	Soil	2.27	16.42	8.70	51.9	77	18.0	9.1	388	2.57	2.5	1.5	<0.1	4.7	395	0.13	0.54	0.25	101	1.56	0.116
26649	Soil	4.23	8.74	9.06	45.0	61	67.7	30.7	586	3.43	5.5	1.5	<0.1	14.5	133	0.15	0.97	0.95	154	0.99	0.181
26650	Soil	6.11	5.68	6.08	28.4	<20	85.8	81.2	239	3.32	10.1	1.8	<0.1	23.7	61	0.10	1.46	1.33	143	0.54	0.127
26651	Soil	2.36	45.41	26.94	61.4	42	46.1	14.8	286	2.72	8.9	2.9	<0.1	14.2	98	0.17	1.91	0.67	207	0.53	0.112
26652	Soil	1.86	20.89	23.90	44.5	109	15.5	7.1	288	1.95	2.7	2.3	<0.1	7.6	300	0.13	0.83	0.27	135	1.16	0.133
26653	Soil	1.63	19.03	11.35	43.9	84	5.0	4.8	356	1.70	2.2	2.0	<0.1	5.4	482	0.09	0.47	0.15	44	1.54	0.065
26654	Soil	0.77	10.50	18.22	60.2	53	29.1	3.5	198	1.53	5.2	2.2	<0.1	10.6	76	0.16	0.99	0.18	223	0.44	0.137
26655	Soil	0.95	23.43	12.30	45.7	29	44.1	8.2	239	2.14	8.0	2.6	<0.1	12.3	131	0.12	0.95	0.20	180	0.70	0.110
26656	Soil	0.85	17.29	12.18	37.2	23	45.2	9.2	243	1.92	8.7	2.3	<0.1	10.4	135	0.09	0.82	0.14	199	0.76	0.091
26657	Soil	1.30	14.19	15.51	38.0	136	49.4	8.8	198	1.96	8.9	2.2	<0.1	9.4	87	0.13	0.88	0.17	229	0.55	0.091
26658	Soil	1.88	41.88	35.74	32.8	125	69.2	13.3	125	1.64	20.6	2.3	<0.1	11.5	49	0.09	1.59	0.24	315	0.35	0.081
26659	Soil	2.52	16.66	8.13	33.4	243	24.8	9.4	94	1.15	56.7	2.2	<0.1	8.4	61	0.65	0.84	0.15	176	0.53	0.074
26660	Soil	2.29	24.49	25.42	55.5	219	31.9	6.9	171	1.46	37.3	2.4	<0.1	10.6	43	0.39	2.40	0.32	248	0.17	0.159
26661	Soil	4.71	52.68	17.29	64.0	394	54.3	7.1	82	2.28	28.1	2.9	<0.1	10.5	40	0.26	2.44	0.40	243	0.16	0.191
26662	Soil	4.02	61.58	1393	831.3	3986	29.8	6.0	439	2.47	175.0	2.7	<0.1	9.4	22	1.20	141.6	1.54	304	0.17	0.121
26663	Soil	1.59	10.15	15.64	35.5	299	20.4	2.7	73	0.88	10.3	2.3	<0.1	9.2	47	0.61	1.50	0.29	270	0.20	0.063
26664	Soil	2.17	108.6	27.58	166.7	71	67.9	23.1	744	5.80	38.1	3.1	<0.1	4.5	41	0.24	4.56	0.48	255	1.92	0.194
26665	Soil	4.74	128.7	23.87	142.4	219	72.9	22.0	502	6.41	25.1	9.3	<0.1	38.4	35	0.32	5.94	0.93	306	1.03	0.182
26666	Soil	1.10	266.9	988.6	1175	2495	130.4	60.2	1141	12.59	104.1	45.7	<0.1	61.6	29	3.94	4.38	4.82	225	0.69	0.124
26667	Soil	1.58	102.2	79.56	79.0	<20	75.1	32.1	952	9.31	34.6	20.3	<0.1	29.2	62	0.22	3.25	0.79	193	2.61	0.077
26668	Soil	8.47	266.4	160.5	101.0	727	138.3	101.9	894	10.37	44.3	28.1	<0.1	60.5	165	2.31	2.18	2.76	148	2.18	0.181
26669	Soil	1.05	67.14	39.97	17.9	1313	36.7	4.8	163	0.72	13.0	11.5	<0.1	4.0	51	0.14	4.15	0.23	16	4.08	0.135
26670	Soil	3.85	47.22	1601	142.4	20331	41.0	14.8	548	2.96	212.4	4.7	<0.1	16.9	83	1.66	40.54	1.47	211	0.56	0.142

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Project: True Blue  
 Report Date: August 30, 2010

Page: 5 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
26641	Soil	14.9	57	0.63	382	0.295	5.97	1.536	2.13	4.6	82.0	4.2	3	10.9	0.04	7.8	31.08	3.8	17.1	2.5	0.2
26642	Soil	108.3	35	0.44	498	0.229	6.01	1.426	1.76	2.2	241.6	5.4	3	4.5	0.05	25.9	211.2	20.4	89.6	12.6	1.2
26643	Soil	131.6	31	0.42	476	0.214	6.44	1.699	1.63	1.6	342.3	5.6	3	4.1	0.06	30.1	258.3	25.2	110.4	15.1	1.5
26644	Soil	50.7	52	0.35	426	0.398	4.90	1.929	1.37	3.9	135.0	2.9	3	6.5	<0.04	13.4	111.3	11.0	48.2	6.9	0.8
26645	Soil	37.1	81	1.70	447	0.703	5.91	1.924	1.23	5.2	85.9	2.7	2	11.7	<0.04	16.4	88.80	9.4	46.0	7.0	1.0
26646	Soil	27.6	35	0.60	490	0.301	5.54	2.702	1.48	2.4	122.2	1.7	2	5.6	<0.04	9.0	53.93	6.2	27.7	4.1	0.6
26647	Soil	26.0	81	1.70	548	0.728	6.02	2.320	1.42	1.6	99.1	2.3	2	11.5	0.05	12.0	54.49	6.8	33.2	5.2	0.8
26648	Soil	17.5	30	1.04	684	0.393	5.62	2.537	1.74	1.0	104.7	1.2	2	6.6	<0.04	7.8	35.21	4.2	20.0	3.0	0.5
26649	Soil	18.1	32	1.45	829	0.351	7.65	2.800	1.39	1.5	58.7	2.1	2	10.3	<0.04	14.6	38.42	4.8	23.9	4.4	0.6
26650	Soil	12.1	41	0.98	919	0.328	7.01	3.153	1.54	2.5	45.7	2.3	2	10.2	0.05	8.7	30.88	3.7	19.1	3.5	0.3
26651	Soil	50.4	53	0.63	1624	0.308	5.42	1.070	2.02	1.2	75.1	1.7	2	9.8	<0.04	13.7	89.40	10.7	42.3	6.2	1.0
26652	Soil	28.7	41	0.60	1218	0.275	5.84	1.731	1.89	0.8	87.3	1.2	1	7.4	0.06	7.8	51.86	6.0	23.9	3.6	0.5
26653	Soil	16.3	6	0.47	839	0.207	6.64	2.671	2.27	0.8	122.1	0.7	1	3.4	<0.04	6.2	30.94	3.3	12.5	1.9	0.3
26654	Soil	25.4	58	0.58	1389	0.284	6.48	1.041	2.87	1.8	95.6	2.0	2	12.4	<0.04	11.5	63.50	9.0	41.4	7.2	0.6
26655	Soil	34.0	62	0.62	989	0.292	5.69	1.607	1.74	1.3	67.7	1.4	2	9.7	<0.04	12.2	71.08	8.1	30.9	4.8	0.7
26656	Soil	33.9	65	0.70	861	0.284	5.71	1.903	1.79	1.4	72.0	1.2	2	8.9	<0.04	11.5	65.64	8.3	37.8	5.8	0.7
26657	Soil	21.6	70	0.59	912	0.272	5.45	1.802	1.66	1.3	72.7	1.5	2	9.1	<0.04	9.2	45.75	5.9	30.1	4.8	0.4
26658	Soil	24.3	70	0.60	1693	0.252	6.00	1.499	1.88	1.8	81.4	0.9	2	9.8	<0.04	8.7	53.10	7.2	35.5	5.5	0.5
26659	Soil	12.9	61	0.37	590	0.219	3.90	0.853	1.10	1.6	58.9	0.9	1	7.7	0.11	6.5	27.67	3.5	14.0	2.3	0.4
26660	Soil	14.2	63	0.41	1117	0.291	4.86	1.105	1.81	2.7	87.2	1.9	2	8.2	<0.04	6.1	31.28	4.1	18.0	2.9	0.2
26661	Soil	15.9	60	0.56	1152	0.240	5.04	1.133	1.26	2.5	82.4	0.9	1	7.5	0.05	7.2	36.17	5.3	22.0	3.7	0.2
26662	Soil	11.3	72	0.76	2739	0.358	5.66	0.177	2.72	9.6	84.4	19.5	2	9.4	<0.04	5.3	25.43	3.1	14.0	2.4	0.2
26663	Soil	22.2	51	0.35	924	0.277	5.91	1.569	2.00	2.1	74.7	1.5	2	9.8	<0.04	6.3	45.48	5.4	20.4	2.8	0.4
26664	Soil	84.6	78	3.66	2811	1.104	6.44	0.524	2.28	6.1	89.5	12.5	1	24.7	0.09	25.9	125.6	12.4	44.1	7.2	4.4
26665	Soil	281.1	61	3.14	3950	1.083	7.09	0.704	2.23	7.0	122.7	9.5	4	20.9	0.07	32.0	474.2	43.3	139.0	15.4	5.8
26666	Soil	336.7	56	3.40	769	0.321	5.51	0.902	0.86	1.0	93.3	8.7	4	8.6	0.17	51.3	592.3	61.3	221.2	23.0	5.1
26667	Soil	235.0	43	3.14	4492	0.775	5.95	0.774	1.89	3.3	191.8	7.2	4	11.3	<0.04	48.8	433.0	37.0	123.8	13.0	3.7
26668	Soil	489.0	44	1.07	870	0.231	4.59	1.545	0.97	1.7	72.9	1.8	2	7.9	0.11	43.7	961.2	72.5	230.3	23.9	4.0
26669	Soil	103.8	8	0.19	340	0.054	0.81	0.109	0.16	0.3	12.3	0.8	<1	1.9	0.27	15.6	73.79	14.4	49.4	4.5	1.1
26670	Soil	61.2	67	0.62	1481	0.374	5.47	0.969	2.17	4.1	103.4	12.4	2	9.9	0.08	14.5	122.2	12.6	45.6	6.4	0.7

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Project: True Blue  
 Report Date: August 30, 2010

Page: 5 of 11 Part 3

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
26641	Soil	1.7	0.2	1.4	0.3	0.8	0.1	1.0	0.1	2.14	16.9	68.3	1.8	41.03	4.7	25.92
26642	Soil	8.1	1.1	5.7	1.0	2.8	0.4	2.7	0.4	5.71	10.2	59.7	3.2	62.27	2.4	32.02
26643	Soil	9.4	1.3	6.9	1.2	3.1	0.4	3.1	0.4	6.80	12.9	53.7	3.5	71.36	2.4	32.46
26644	Soil	4.0	0.5	2.7	0.5	1.3	0.2	1.4	0.2	3.31	14.1	48.2	2.5	50.39	2.7	19.07
26645	Soil	4.9	0.6	3.5	0.6	1.5	0.2	1.4	0.2	2.32	27.8	32.4	2.0	34.98	3.3	17.62
26646	Soil	2.5	0.3	2.1	0.4	0.9	0.1	0.9	0.1	3.20	13.7	33.1	1.2	22.07	1.7	16.79
26647	Soil	3.5	0.4	2.6	0.5	1.2	0.1	1.2	0.2	2.65	18.9	31.1	1.2	20.91	2.1	20.22
26648	Soil	2.3	0.3	1.7	0.3	0.9	0.1	0.9	0.1	2.88	17.9	30.4	0.7	12.30	1.5	18.08
26649	Soil	3.7	0.5	3.3	0.6	1.4	0.2	1.3	0.2	1.68	20.6	30.9	0.8	12.66	4.5	24.09
26650	Soil	2.8	0.4	2.0	0.4	0.9	0.1	0.8	0.1	1.28	18.7	35.8	0.7	12.65	8.6	24.05
26651	Soil	4.0	0.6	2.9	0.5	1.5	0.2	1.3	0.2	2.11	11.9	73.5	0.7	10.67	2.0	14.14
26652	Soil	2.2	0.3	1.6	0.3	1.0	0.1	0.8	0.1	2.41	12.0	56.7	0.5	7.85	1.7	16.20
26653	Soil	1.6	0.2	1.2	0.3	0.7	0.1	0.6	0.1	2.98	18.7	46.2	0.4	5.36	1.2	16.60
26654	Soil	4.1	0.5	2.4	0.4	1.2	0.2	1.3	0.3	2.49	14.5	101.1	0.7	10.29	2.4	19.65
26655	Soil	3.9	0.5	3.2	0.5	1.4	0.2	1.6	0.2	1.89	14.5	66.5	0.7	10.08	2.0	14.39
26656	Soil	3.6	0.5	2.3	0.4	1.2	0.2	1.2	0.2	2.10	15.8	55.1	0.7	10.84	1.8	16.35
26657	Soil	3.2	0.3	2.1	0.3	0.9	0.1	1.1	0.2	1.99	15.9	49.3	0.7	11.19	2.1	16.84
26658	Soil	3.5	0.4	1.9	0.3	0.9	0.1	1.2	0.2	2.31	17.1	52.2	0.6	9.48	3.0	17.17
26659	Soil	1.5	0.3	1.2	0.3	0.8	<0.1	0.8	0.1	1.63	10.0	44.4	0.6	8.88	2.5	13.78
26660	Soil	2.1	0.2	1.2	0.2	0.7	0.1	1.0	0.2	2.44	25.1	66.2	0.8	14.06	8.3	17.90
26661	Soil	3.1	0.3	1.6	0.3	0.8	0.1	1.1	0.1	2.16	24.7	57.5	0.6	9.59	11.2	16.93
26662	Soil	2.5	0.2	1.2	0.2	0.7	0.1	1.1	0.1	2.36	33.1	86.7	0.8	14.44	4.2	18.72
26663	Soil	1.8	0.2	1.2	0.2	0.7	0.1	1.0	0.2	1.93	11.3	77.0	0.7	11.46	2.5	17.06
26664	Soil	7.5	0.9	5.6	1.0	2.5	0.3	2.6	0.3	2.78	37.2	74.1	1.5	39.18	8.6	15.97
26665	Soil	12.7	1.4	7.0	1.2	3.1	0.4	3.1	0.4	3.25	36.5	60.1	1.9	39.96	7.5	19.78
26666	Soil	17.7	1.9	10.9	1.8	4.8	0.6	4.2	0.6	2.30	23.6	38.6	1.0	28.87	7.2	15.73
26667	Soil	11.1	1.3	9.4	1.8	5.3	0.7	5.2	0.6	4.58	31.6	55.1	2.9	71.43	6.8	18.86
26668	Soil	16.0	1.9	9.9	1.6	3.9	0.5	3.9	0.6	1.87	12.7	33.9	0.6	16.30	2.4	14.89
26669	Soil	2.5	0.4	2.6	0.5	1.1	0.2	1.2	0.2	0.31	1.8	5.5	<0.1	2.63	0.5	1.52
26670	Soil	4.6	0.6	3.1	0.5	1.5	0.2	1.7	0.2	2.56	16.9	81.3	1.5	27.48	5.4	17.99

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Project: True Blue  
 Report Date: August 30, 2010

Page: 6 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
26671	Soil	1.49	20.17	8.58	54.3	203	7.7	7.7	414	2.00	9.0	1.5	<0.1	3.4	512	0.18	0.59	0.13	52	2.25	0.068
26672	Soil	7.41	31.30	44.45	108.2	232	26.8	7.3	247	2.71	41.8	3.3	<0.1	11.7	156	0.96	4.55	2.26	176	0.85	0.181
26673	Soil	23.98	57.20	31.40	68.0	344	39.6	15.7	384	5.47	20.6	4.2	<0.1	5.3	54	0.90	2.13	1.10	211	1.25	0.170
26674	Soil	6.25	24.82	41.43	63.2	156	13.3	14.6	979	2.53	16.2	2.1	<0.1	4.8	432	0.32	1.45	0.65	79	1.62	0.109
26675	Soil	2.13	20.21	12.62	57.2	130	7.7	12.3	745	2.74	2.5	1.6	<0.1	3.6	534	0.20	0.48	0.34	74	2.13	0.070
26676	Soil	1.81	20.59	9.26	54.3	96	5.5	7.8	422	2.03	2.1	1.7	<0.1	4.0	570	0.21	0.50	0.28	49	1.99	0.036
26677	Soil	1.83	24.13	8.90	55.8	127	8.0	9.9	420	2.15	3.9	1.7	<0.1	3.6	482	0.20	0.61	0.96	48	2.03	0.111
26678	Soil	2.45	58.03	24.41	78.7	153	28.3	34.5	824	3.74	36.9	3.2	<0.1	6.2	263	0.80	1.91	5.82	96	2.23	0.204
26679	Soil	1.88	138.0	31.72	72.1	404	46.8	59.3	1155	5.86	47.8	9.7	<0.1	6.6	236	0.76	5.10	24.93	114	4.01	0.212
26680	Soil	1.48	21.71	8.39	64.0	92	6.1	8.5	436	1.90	1.5	1.5	<0.1	3.3	502	0.34	0.47	0.76	44	2.28	0.054
26681	Soil	1.84	39.67	27.13	105.6	73	20.6	16.6	541	3.34	19.0	2.5	<0.1	5.3	392	0.35	1.82	6.46	78	2.65	0.058
26682	Soil	1.29	26.80	83.25	187.4	264	40.7	20.4	459	5.01	21.9	2.3	<0.1	15.7	175	0.29	2.45	1.45	93	2.76	0.063
26683	Soil	2.70	26.55	44.40	120.3	254	34.2	18.8	919	4.84	85.8	2.1	<0.1	14.0	183	0.26	3.37	0.96	96	1.80	0.062
26684	Soil	0.97	29.90	18.03	76.0	58	31.0	19.1	421	4.75	19.2	1.3	<0.1	9.4	120	0.26	1.59	0.59	78	1.77	0.051
26685	Soil	1.54	19.59	12.48	60.7	159	4.8	6.8	416	1.93	2.9	1.4	<0.1	4.0	525	0.25	0.55	0.15	44	2.12	0.067
26686	Soil	1.49	17.01	9.64	61.6	111	5.4	7.3	422	2.15	1.7	1.5	<0.1	3.9	563	0.31	0.51	0.14	54	2.17	0.042
26687	Soil	1.79	18.18	17.32	67.6	164	8.2	5.8	339	2.06	10.6	1.8	<0.1	5.3	400	0.18	0.93	0.45	72	1.45	0.037
26688	Soil	1.63	19.20	12.53	58.6	154	5.3	6.8	485	1.97	3.1	1.5	<0.1	4.5	529	0.16	0.57	0.20	43	2.04	0.074
26689	Soil	1.65	22.46	12.74	59.8	143	7.4	6.7	424	1.93	4.5	1.6	<0.1	4.8	494	0.20	0.74	0.33	47	2.15	0.059
26690	Soil	1.59	20.94	35.87	112.8	43	22.5	12.9	469	3.16	15.1	2.0	<0.1	8.8	264	0.40	1.38	0.71	100	1.09	0.051
26691	Soil	1.35	24.58	15.60	74.8	161	11.0	8.4	546	2.17	5.5	1.6	<0.1	5.5	398	0.24	0.83	0.29	55	2.62	0.078
26692	Soil	1.08	19.07	24.37	96.8	87	18.5	11.3	392	2.83	10.8	1.2	<0.1	7.6	294	0.21	0.70	0.31	65	1.85	0.066
26693	Soil	1.09	17.91	13.52	128.0	66	15.1	8.8	319	2.43	10.9	1.1	<0.1	6.2	277	0.83	0.63	0.19	53	2.11	0.066
26694	Soil	1.21	22.67	11.06	70.4	92	8.2	7.4	378	1.85	6.4	1.6	<0.1	5.2	397	0.30	0.54	0.15	39	2.59	0.063
26695	Soil	1.52	18.94	12.38	74.9	90	8.7	8.8	421	2.18	7.0	1.6	<0.1	4.4	472	0.20	0.54	0.22	55	1.85	0.041
26696	Soil	1.34	18.54	52.56	164.9	76	36.7	18.3	302	4.10	21.5	1.4	<0.1	10.2	82	0.46	1.18	0.51	112	1.23	0.037
26697	Soil	1.61	18.00	9.99	52.2	121	4.8	6.4	469	1.98	1.4	1.6	<0.1	4.2	642	0.19	0.45	0.17	47	2.21	0.039
26698	Soil	2.59	16.12	75.68	58.0	458	30.9	6.0	154	2.20	36.6	2.7	<0.1	10.6	64	0.27	1.87	0.56	239	0.35	0.164
26699	Soil	1.99	8.60	71.36	66.4	1169	23.8	2.1	52	0.88	16.3	2.7	<0.1	9.9	39	0.32	2.32	0.24	304	0.12	0.082
26700	Soil	12.39	30.22	45.40	169.3	335	62.7	6.8	118	2.73	121.0	2.7	<0.1	10.0	32	0.47	3.56	0.50	298	0.20	0.291

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Project: True Blue  
 Report Date: August 30, 2010

Page: 6 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
26671	Soil	12.4	6	0.67	780	0.257	5.61	2.608	1.85	0.4	114.7	0.7	1	4.8	<0.04	6.7	24.96	2.8	11.9	2.0	0.4
26672	Soil	54.9	51	0.60	1220	0.406	5.02	1.389	1.73	5.6	106.8	3.3	2	7.4	0.05	10.3	96.71	9.7	35.8	4.6	0.6
26673	Soil	26.9	38	1.09	996	0.248	3.10	0.437	1.21	2.3	54.0	3.9	<1	5.6	0.07	7.8	42.47	4.4	15.3	2.1	0.3
26674	Soil	31.8	16	0.69	908	0.276	5.26	2.348	1.91	1.5	115.8	1.6	1	4.2	<0.04	6.9	53.22	5.2	18.4	2.4	0.5
26675	Soil	13.3	9	0.84	734	0.328	5.76	2.724	1.91	0.6	109.9	0.9	1	5.2	<0.04	6.7	25.69	2.8	11.6	1.8	0.4
26676	Soil	14.9	5	0.67	898	0.268	6.36	3.103	2.33	0.6	128.9	1.0	1	4.2	<0.04	6.5	29.01	3.2	12.2	1.9	0.4
26677	Soil	12.5	9	0.69	727	0.232	5.35	2.551	1.75	0.6	112.1	1.0	1	3.7	0.05	6.0	25.32	2.8	11.0	1.7	0.4
26678	Soil	38.4	43	1.27	825	0.346	4.90	1.535	1.45	1.9	85.4	3.0	2	8.0	0.06	10.8	65.46	6.6	24.1	3.2	0.7
26679	Soil	104.0	37	1.23	537	0.458	4.56	0.761	0.91	2.5	68.2	6.3	1	9.1	0.12	11.8	161.2	13.9	42.5	4.3	2.0
26680	Soil	12.1	6	0.62	739	0.231	5.72	2.692	2.03	0.5	110.3	0.8	1	3.7	<0.04	6.0	23.14	2.7	10.8	1.7	0.4
26681	Soil	37.7	26	1.14	872	0.339	5.74	2.156	1.77	1.4	97.7	2.8	1	5.9	<0.04	9.3	62.48	6.1	22.0	2.8	0.8
26682	Soil	57.5	62	1.91	1016	0.344	6.24	1.129	1.62	2.3	71.5	2.3	2	14.9	<0.04	21.0	112.5	12.2	45.7	7.0	1.3
26683	Soil	56.3	58	1.27	1034	0.433	6.72	1.144	1.90	2.0	78.6	2.7	2	11.8	<0.04	25.3	111.0	12.9	50.0	8.0	1.6
26684	Soil	31.0	65	1.89	2114	0.381	6.72	1.687	1.89	2.4	66.6	1.9	2	10.0	<0.04	11.2	70.13	6.8	25.7	3.7	0.7
26685	Soil	14.5	6	0.65	896	0.246	6.45	3.015	2.34	0.5	113.0	0.7	1	3.9	<0.04	6.9	29.29	3.4	13.1	2.2	0.4
26686	Soil	14.1	8	0.68	846	0.274	6.50	2.915	2.23	0.5	116.3	0.7	2	4.7	<0.04	7.0	25.88	3.2	12.4	2.0	0.5
26687	Soil	21.5	24	0.70	998	0.265	6.40	2.518	2.34	1.5	112.1	1.6	1	4.8	<0.04	6.8	42.93	4.6	16.9	2.7	0.4
26688	Soil	17.0	8	0.63	887	0.235	6.77	2.952	2.29	0.6	122.5	0.8	1	4.0	<0.04	7.6	31.88	3.9	16.2	2.2	0.4
26689	Soil	16.6	11	0.61	907	0.233	6.44	2.851	2.25	0.7	121.6	1.2	1	4.0	<0.04	7.7	31.83	3.7	15.1	2.4	0.4
26690	Soil	32.9	49	1.14	1045	0.301	6.80	1.758	2.16	1.5	94.3	2.2	1	7.2	<0.04	9.4	62.92	6.9	25.2	3.8	0.6
26691	Soil	17.8	22	0.75	782	0.218	5.70	2.109	2.06	0.9	101.6	1.1	1	5.6	0.04	10.5	30.58	4.0	15.6	2.4	0.6
26692	Soil	23.7	39	1.33	752	0.247	6.87	1.671	2.34	0.8	89.5	1.6	1	8.2	<0.04	9.5	45.43	5.4	19.9	3.2	0.6
26693	Soil	18.6	38	1.06	620	0.202	5.42	1.349	2.09	0.7	77.6	1.3	2	7.5	0.05	8.8	34.81	3.9	15.3	2.5	0.6
26694	Soil	16.1	20	0.64	704	0.190	5.64	1.973	2.03	0.6	95.1	0.9	1	4.9	0.04	7.8	31.52	3.6	13.8	2.1	0.5
26695	Soil	14.3	12	0.76	796	0.229	6.61	2.551	2.11	0.6	110.5	1.0	1	5.1	<0.04	6.7	28.83	3.1	12.3	2.0	0.5
26696	Soil	34.3	58	1.85	969	0.267	7.41	0.767	2.21	1.1	73.7	3.1	2	11.0	<0.04	13.3	69.07	7.5	29.0	4.5	0.8
26697	Soil	13.1	5	0.68	893	0.252	8.25	2.840	2.23	0.6	126.8	0.8	1	4.5	<0.04	6.3	26.80	3.0	12.0	1.8	0.5
26698	Soil	33.2	58	0.52	1039	0.308	5.88	1.377	2.03	2.4	82.5	3.3	2	9.8	<0.04	9.3	64.69	7.3	28.8	4.5	0.6
26699	Soil	21.6	53	0.42	1009	0.287	6.69	1.422	2.48	2.4	94.7	2.5	2	11.4	<0.04	6.6	46.49	6.0	25.4	4.1	0.4
26700	Soil	24.6	64	0.67	1955	0.533	6.54	0.500	2.73	5.4	90.2	2.6	2	19.6	<0.04	8.2	55.09	7.5	33.9	6.0	0.4

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Project: True Blue  
 Report Date: August 30, 2010

Page: 6 of 11 Part 3

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
26671	Soil	1.8	0.2	1.4	0.3	0.8	<0.1	0.8	0.1	2.93	17.3	31.7	0.3	5.69	1.1	16.27
26672	Soil	3.3	0.4	2.2	0.4	1.1	0.2	1.3	0.2	2.57	15.1	54.4	1.5	27.53	6.9	17.87
26673	Soil	1.9	0.2	1.5	0.3	0.7	0.1	0.9	0.1	1.23	8.1	42.3	0.7	15.30	3.8	10.16
26674	Soil	2.3	0.3	1.4	0.3	0.7	<0.1	0.7	0.1	2.90	17.3	43.3	0.6	10.12	2.2	17.22
26675	Soil	2.1	0.2	1.5	0.3	0.7	0.1	0.8	0.1	2.73	16.7	30.3	0.4	6.20	1.2	18.07
26676	Soil	1.7	0.2	1.3	0.3	0.6	<0.1	0.8	<0.1	3.12	20.1	40.7	0.4	6.48	1.5	18.65
26677	Soil	1.5	0.2	1.3	0.2	0.6	<0.1	0.7	<0.1	2.81	18.5	33.0	0.4	6.36	1.7	15.76
26678	Soil	2.9	0.3	2.2	0.4	1.0	0.1	1.1	0.1	2.19	14.4	67.8	0.8	15.65	5.6	13.91
26679	Soil	3.5	0.4	2.5	0.4	1.1	0.1	1.2	0.1	1.78	12.7	40.0	1.0	18.69	5.7	12.98
26680	Soil	1.5	0.2	1.3	0.2	0.6	<0.1	0.7	<0.1	2.87	18.7	31.2	0.4	5.57	1.2	16.43
26681	Soil	2.9	0.3	2.0	0.3	1.0	0.1	1.0	0.1	2.64	21.6	47.3	0.8	13.61	1.7	15.55
26682	Soil	6.0	0.7	4.5	0.8	2.1	0.3	2.0	0.3	1.90	35.5	69.5	0.9	14.77	7.1	15.68
26683	Soil	7.3	1.0	5.5	0.9	2.5	0.3	2.2	0.3	1.98	35.0	67.0	1.5	27.64	8.3	19.19
26684	Soil	3.6	0.4	2.6	0.4	1.1	0.2	1.3	0.2	1.75	46.1	72.7	0.8	13.88	10.1	20.20
26685	Soil	2.1	0.2	1.3	0.3	0.7	<0.1	0.8	0.1	2.98	20.2	37.2	0.4	5.99	1.4	18.12
26686	Soil	1.8	0.2	1.4	0.3	0.7	<0.1	0.8	0.1	2.97	20.6	37.3	0.4	6.08	1.3	17.73
26687	Soil	2.0	0.2	1.4	0.3	0.7	<0.1	0.8	0.1	2.84	23.9	54.4	0.6	10.27	3.3	18.48
26688	Soil	2.3	0.3	1.6	0.3	0.8	0.1	0.8	0.1	2.87	20.6	39.8	0.4	6.37	1.5	18.40
26689	Soil	2.1	0.2	1.6	0.3	0.8	0.1	0.8	0.1	3.03	21.7	43.5	0.4	6.88	1.7	17.54
26690	Soil	3.0	0.4	2.2	0.3	0.9	0.1	1.0	0.1	2.24	31.1	67.0	0.9	16.52	3.9	19.49
26691	Soil	2.4	0.3	1.9	0.4	1.0	0.1	1.2	0.2	2.44	22.5	46.6	0.4	7.42	2.6	16.81
26692	Soil	2.4	0.4	2.2	0.4	1.1	0.1	1.0	0.1	2.34	30.5	63.3	0.5	9.46	3.6	18.67
26693	Soil	2.2	0.3	1.9	0.3	0.9	0.1	0.9	0.1	1.96	24.7	60.6	0.4	7.21	3.5	15.81
26694	Soil	1.8	0.2	1.5	0.3	0.8	0.1	0.9	0.1	2.36	22.0	48.9	0.4	5.93	2.1	15.23
26695	Soil	2.2	0.2	1.5	0.3	0.8	0.1	0.9	0.1	2.75	25.6	44.3	0.5	7.25	1.6	16.51
26696	Soil	4.0	0.6	3.1	0.6	1.4	0.2	1.5	0.2	1.93	45.8	68.9	0.9	15.61	3.9	20.42
26697	Soil	1.6	0.2	1.3	0.3	0.7	<0.1	0.7	0.1	3.13	21.7	42.1	0.4	5.78	1.3	17.13
26698	Soil	3.4	0.4	2.2	0.4	1.0	0.2	1.3	0.2	2.13	15.1	87.7	1.0	17.81	3.4	18.29
26699	Soil	2.4	0.3	1.3	0.2	0.7	0.1	1.1	0.2	2.46	13.8	103.6	0.8	12.41	3.5	18.84
26700	Soil	4.1	0.5	2.2	0.3	1.0	0.1	1.1	0.2	2.14	37.3	100.4	0.9	16.11	6.7	19.90

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Project: True Blue  
 Report Date: August 30, 2010

Page: 7 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	MDL	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	0.02	0.02	0.04	1	0.02	0.001	
26701	Soil	3.91	21.19	14.18	56.0	35	36.1	5.5	280	1.75	45.5	2.7	<0.1	11.7	55	0.24	2.38	0.34	248	0.24	0.249
26702	Soil	1.86	18.36	12.99	160.6	256	27.5	13.6	1360	1.83	31.3	1.1	<0.1	5.1	147	2.19	0.74	0.20	66	2.21	0.261
26703	Soil	1.86	20.89	9.46	51.2	199	10.0	8.3	715	2.13	4.2	1.8	<0.1	5.0	470	0.25	0.51	0.15	89	1.68	0.174
26704	Soil	1.59	18.09	9.28	55.5	117	5.8	5.8	410	1.90	3.8	1.8	<0.1	4.7	580	0.25	0.48	0.16	57	1.88	0.076
26705	Soil	3.28	32.25	68.40	119.4	1064	11.4	7.2	682	1.92	15.9	2.0	<0.1	4.7	480	0.27	6.82	2.00	75	1.72	0.131
26706	Soil	2.35	19.77	11.59	68.1	204	8.2	13.0	776	2.22	6.0	1.8	<0.1	4.4	529	0.53	0.55	0.23	64	1.79	0.154
26707	Soil	3.24	24.24	22.17	67.9	138	16.6	9.7	618	2.07	18.9	2.0	<0.1	5.9	383	0.29	1.16	0.42	94	1.30	0.188
26708	Soil	5.16	24.95	18.08	94.2	<20	26.8	13.6	504	3.36	70.6	5.5	<0.1	7.3	83	0.54	1.68	4.14	250	0.80	0.323
26709	Soil	2.07	16.10	12.23	54.7	203	4.6	6.7	582	1.84	2.4	1.7	<0.1	4.3	529	0.35	0.49	0.16	50	1.69	0.129
26710	Soil	1.88	15.36	9.89	53.5	83	4.9	6.7	462	1.76	2.9	1.6	<0.1	4.2	533	0.23	0.48	0.16	41	1.73	0.076
26711	Soil	2.33	19.99	11.49	66.9	120	8.9	7.8	497	2.15	4.2	1.5	<0.1	4.0	536	0.37	0.58	0.18	61	1.94	0.096
26712	Soil	4.20	19.11	10.51	47.2	139	8.2	5.0	347	1.93	8.7	1.7	<0.1	4.4	431	0.11	0.53	0.22	73	1.49	0.167
26713	Soil	4.20	21.66	14.59	44.5	85	6.9	4.5	334	1.89	8.7	1.9	<0.1	4.8	466	0.15	0.59	0.25	73	1.47	0.074
26714	Soil	6.04	17.95	13.89	58.7	150	15.1	7.9	389	1.31	22.6	4.1	<0.1	3.7	336	0.27	2.84	0.26	41	2.63	0.102
26715	Soil	4.81	23.29	3.56	152.2	98	14.9	5.6	223	0.62	2.4	1.8	<0.1	1.5	195	0.58	0.39	0.07	14	3.35	0.138
26716	Soil	0.95	24.40	3.03	479.8	124	16.4	3.7	200	0.27	2.2	0.8	<0.1	0.9	54	2.63	0.61	0.09	8	4.04	0.120
26717	Soil	2.72	17.26	3.40	170.7	168	6.9	2.4	136	0.57	0.5	9.5	<0.1	1.5	183	3.42	0.47	0.06	17	3.72	0.077
26718	Soil	1.86	23.35	6.80	136.2	182	8.3	5.2	341	1.09	1.7	1.8	<0.1	2.9	305	1.39	0.39	0.26	24	2.81	0.095
26719	Soil	1.35	30.59	67.59	159.1	329	21.4	10.1	433	2.66	22.5	4.2	<0.1	6.1	251	0.53	1.38	1.27	68	3.34	0.074
26720	Soil	12.05	68.27	226.4	238.8	951	82.6	29.2	937	4.77	163.9	6.1	<0.1	12.9	96	0.61	5.59	12.95	218	1.58	0.138
26721	Soil	7.59	54.01	84.42	122.9	122	43.8	20.8	1735	7.42	83.5	11.4	<0.1	21.5	184	0.41	5.73	6.49	166	1.65	0.113
26722	Soil	23.85	149.5	205.9	452.9	6892	146.7	72.8	3951	10.07	866.2	13.2	0.7	20.3	175	1.18	30.79	39.26	262	1.23	0.186
26723	Soil	3.52	18.97	17.93	53.8	130	8.0	17.6	1048	2.06	5.4	1.7	<0.1	4.0	495	0.39	0.60	0.64	53	1.88	0.144
26724	Soil	3.38	22.95	18.95	58.0	144	10.2	11.8	1206	3.27	11.8	2.4	<0.1	5.1	537	0.15	0.74	1.12	83	2.13	0.091
26725	Soil	4.50	25.39	22.02	55.9	135	13.7	19.0	1763	2.53	16.3	2.6	<0.1	5.9	415	0.50	0.83	1.64	67	1.78	0.175
26726	Soil	2.18	17.91	25.17	49.8	311	12.7	10.3	1040	1.54	10.1	1.5	<0.1	3.8	348	0.91	0.66	0.29	40	1.89	0.207
26727	Soil	3.58	32.36	193.5	130.4	249	36.8	12.4	725	3.62	110.3	4.0	<0.1	11.6	188	1.56	3.85	1.11	144	1.70	0.210
26728	Soil	29.16	147.3	19.17	49.5	109	75.8	30.4	737	10.31	41.3	7.0	<0.1	9.8	31	0.19	1.79	2.18	175	1.13	0.210
26729	Soil	1.98	15.82	17.57	49.6	95	6.2	6.7	447	2.29	8.9	1.8	<0.1	4.1	537	0.26	0.44	0.21	61	2.04	0.072
26730	Soil	1.60	14.87	10.18	43.9	85	4.8	5.6	399	1.90	2.5	2.1	<0.1	4.1	555	0.12	0.41	0.16	47	1.96	0.074

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Project: True Blue  
 Report Date: August 30, 2010

Page: 7 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
26701	Soil	26.2	51	0.61	1204	0.335	5.60	0.565	2.98	3.8	97.6	3.4	2	8.5	0.05	7.8	51.15	5.5	21.4	3.2	0.3
26702	Soil	11.2	19	0.53	548	0.162	3.05	0.495	1.02	1.3	41.1	1.0	<1	8.3	0.21	8.1	23.03	2.8	13.0	2.4	0.3
26703	Soil	13.6	16	0.67	818	0.273	6.25	2.312	2.02	0.7	105.0	1.4	1	5.7	0.06	7.9	29.55	3.4	15.1	2.6	0.5
26704	Soil	14.7	8	0.64	938	0.241	7.01	2.834	2.34	0.7	127.3	0.9	1	4.6	<0.04	6.3	29.56	3.3	13.2	2.1	0.5
26705	Soil	32.7	14	0.60	930	0.238	6.47	2.476	2.15	2.5	111.0	8.0	1	4.9	0.04	6.0	54.53	5.0	17.3	2.1	0.4
26706	Soil	17.4	10	0.68	865	0.245	6.58	2.580	2.04	1.1	114.9	0.8	1	5.0	<0.04	6.4	31.95	3.4	13.0	1.9	0.4
26707	Soil	19.1	22	0.55	970	0.254	6.21	2.247	2.12	3.8	106.7	1.5	<1	5.5	<0.04	6.7	37.05	4.1	15.8	2.5	0.4
26708	Soil	218.8	55	1.79	2382	0.775	5.84	0.915	2.47	5.2	105.7	2.1	2	13.4	0.06	17.7	319.0	24.0	71.1	6.7	0.5
26709	Soil	14.9	7	0.55	837	0.222	6.76	2.811	2.19	0.8	117.0	1.2	1	3.9	<0.04	5.8	28.94	3.0	12.0	1.8	0.4
26710	Soil	13.9	5	0.53	857	0.208	6.93	2.891	2.26	0.6	115.9	0.9	1	3.7	<0.04	5.3	27.87	3.0	11.4	1.7	0.4
26711	Soil	13.1	9	0.68	847	0.238	6.82	2.791	2.17	1.7	116.7	1.0	<1	4.9	<0.04	6.0	26.43	2.8	11.1	1.8	0.4
26712	Soil	13.3	14	0.53	970	0.252	6.09	2.432	2.13	6.1	108.5	1.7	<1	5.7	<0.04	6.0	26.02	2.8	10.9	1.7	0.3
26713	Soil	15.9	12	0.51	1003	0.241	6.52	2.565	2.29	2.1	105.8	1.1	<1	4.4	<0.04	5.8	29.96	3.3	12.4	1.9	0.3
26714	Soil	12.5	12	0.46	636	0.135	4.26	1.665	1.52	1.3	70.1	1.0	<1	3.4	0.14	4.7	23.34	2.6	9.6	1.4	0.3
26715	Soil	11.0	4	0.26	287	0.067	2.11	0.683	0.53	0.2	31.8	0.5	<1	1.3	0.23	3.0	13.69	1.8	6.5	0.8	0.2
26716	Soil	4.8	4	0.24	139	0.023	0.60	0.141	0.14	<0.1	9.9	0.3	<1	0.8	0.29	1.7	7.10	0.9	3.2	0.4	<0.1
26717	Soil	5.0	5	0.52	293	0.069	1.74	0.655	0.48	0.2	27.5	0.6	<1	1.5	0.21	2.3	9.25	1.0	4.1	0.6	0.1
26718	Soil	12.0	5	0.46	511	0.120	3.87	1.602	1.30	0.3	66.4	0.8	<1	2.2	0.15	4.1	20.93	2.3	8.6	1.3	0.3
26719	Soil	28.0	22	5.30	659	0.214	5.21	1.281	1.23	1.1	88.2	1.6	<1	4.7	0.06	10.1	43.18	4.8	17.8	2.6	0.5
26720	Soil	122.9	53	2.71	992	0.379	5.51	0.638	1.54	5.1	86.4	4.7	2	12.3	<0.04	27.4	189.8	19.2	66.2	8.3	1.5
26721	Soil	284.4	64	1.70	1898	0.634	7.17	0.958	1.99	9.6	112.7	4.6	4	19.0	<0.04	39.0	448.7	38.4	115.5	11.7	3.9
26722	Soil	321.1	59	0.84	1010	0.454	6.18	0.842	1.81	5.8	98.1	20.9	2	13.8	<0.04	40.7	631.9	43.9	138.4	14.7	4.8
26723	Soil	14.3	10	0.61	853	0.230	5.95	2.461	2.01	0.7	102.3	1.3	1	4.6	0.05	5.8	28.97	2.9	11.4	1.7	0.3
26724	Soil	19.0	12	0.84	830	0.323	6.62	2.659	2.01	0.8	104.8	1.3	1	6.2	<0.04	7.9	36.85	3.8	15.1	2.2	0.6
26725	Soil	26.2	18	0.65	894	0.262	5.60	2.069	1.76	1.4	93.0	1.2	1	5.1	0.08	7.9	48.05	4.7	18.2	2.5	0.5
26726	Soil	17.4	12	0.49	768	0.178	4.33	1.603	1.31	0.8	72.9	1.1	1	4.1	0.12	5.4	34.25	3.2	12.1	1.8	0.4
26727	Soil	64.7	73	0.88	1350	0.590	5.82	1.269	1.89	7.9	68.0	3.9	2	14.0	0.06	14.8	130.0	11.3	39.6	5.1	1.0
26728	Soil	56.1	35	1.30	809	0.206	2.71	0.188	1.12	2.2	39.3	2.7	<1	4.6	0.22	8.6	80.55	6.3	19.9	2.4	0.4
26729	Soil	15.2	13	0.72	802	0.281	6.68	2.745	2.06	0.9	110.0	0.9	1	5.4	<0.04	6.9	30.50	3.4	13.4	2.1	0.5
26730	Soil	14.0	6	0.65	765	0.230	6.71	2.847	2.16	0.5	116.4	0.8	1	4.4	<0.04	6.3	27.77	3.1	11.7	1.8	0.5

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Project: True Blue  
 Report Date: August 30, 2010

Page: 7 of 11 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.04	0.1	0.02	
26701	Soil	2.5	0.3	1.6	0.3	1.0	0.1	1.1	0.2	2.48	21.0	95.8	1.3	22.30	3.2	16.16
26702	Soil	2.1	0.3	1.8	0.3	0.8	0.1	0.9	0.1	1.08	7.2	36.0	0.3	4.85	2.4	8.65
26703	Soil	2.2	0.3	1.8	0.3	0.9	0.1	0.9	0.1	2.72	15.9	46.4	0.4	6.69	1.9	16.34
26704	Soil	1.7	0.2	1.2	0.2	0.7	<0.1	0.7	0.1	3.21	20.7	45.5	0.4	5.96	1.3	19.06
26705	Soil	1.8	0.2	1.3	0.2	0.7	<0.1	0.7	0.1	2.90	20.2	50.3	0.4	6.64	2.7	17.48
26706	Soil	1.6	0.2	1.3	0.2	0.7	<0.1	0.7	0.1	2.70	19.6	49.9	0.4	6.49	1.8	16.56
26707	Soil	2.0	0.2	1.4	0.2	0.7	<0.1	0.8	0.1	2.60	16.8	52.2	0.6	9.21	1.8	15.43
26708	Soil	4.0	0.5	3.1	0.6	1.6	0.2	1.7	0.2	2.46	25.3	84.4	1.3	36.45	3.7	19.02
26709	Soil	1.6	0.2	1.2	0.2	0.6	<0.1	0.7	0.1	3.04	20.4	45.5	0.4	6.45	1.3	16.63
26710	Soil	1.4	0.2	1.1	0.2	0.6	<0.1	0.6	<0.1	2.85	20.5	44.8	0.4	5.40	1.3	16.88
26711	Soil	1.6	0.2	1.3	0.2	0.6	<0.1	0.7	0.1	2.82	19.6	45.2	0.4	6.01	1.4	16.06
26712	Soil	1.3	0.2	1.2	0.2	0.6	<0.1	0.6	<0.1	2.55	17.8	48.4	0.5	7.23	1.6	14.93
26713	Soil	1.6	0.2	1.1	0.2	0.6	<0.1	0.7	0.1	2.67	18.8	55.1	0.5	7.56	1.9	14.97
26714	Soil	1.1	0.2	0.9	0.2	0.4	<0.1	0.5	<0.1	1.74	13.3	41.1	0.3	5.14	1.6	10.30
26715	Soil	0.6	<0.1	0.5	<0.1	0.3	<0.1	0.2	<0.1	0.79	4.9	14.0	0.1	1.86	0.8	4.46
26716	Soil	0.4	<0.1	0.3	<0.1	0.1	<0.1	0.2	<0.1	0.23	1.5	5.6	<0.1	0.96	0.5	1.34
26717	Soil	0.5	<0.1	0.4	<0.1	0.2	<0.1	0.2	<0.1	0.76	4.5	13.1	0.1	1.70	0.5	3.84
26718	Soil	1.0	0.1	0.7	0.1	0.4	<0.1	0.4	<0.1	1.59	10.8	28.3	0.2	3.28	1.1	8.37
26719	Soil	2.2	0.3	2.0	0.4	1.0	0.1	1.0	0.1	2.21	38.6	49.0	0.4	7.67	4.4	10.95
26720	Soil	5.8	0.9	5.2	1.0	2.6	0.3	2.4	0.4	2.18	29.6	63.1	0.8	19.68	5.9	12.36
26721	Soil	8.1	1.2	7.6	1.5	3.9	0.5	3.4	0.5	3.15	30.1	61.4	2.3	43.19	8.6	17.67
26722	Soil	9.9	1.4	8.1	1.5	3.7	0.5	3.5	0.5	2.54	20.4	75.9	1.1	23.95	7.5	14.17
26723	Soil	1.7	0.2	1.2	0.2	0.6	<0.1	0.7	<0.1	2.55	16.8	41.4	0.4	6.23	1.9	15.43
26724	Soil	1.8	0.3	1.6	0.3	0.8	0.1	0.8	0.1	2.76	17.6	41.2	0.4	6.36	2.1	16.31
26725	Soil	2.1	0.3	1.7	0.3	0.8	<0.1	0.8	0.1	2.40	16.8	49.6	0.5	7.87	2.3	14.51
26726	Soil	1.5	0.2	1.2	0.2	0.5	<0.1	0.6	<0.1	1.81	11.8	37.0	0.3	5.46	3.0	11.58
26727	Soil	4.2	0.6	3.1	0.6	1.5	0.2	1.4	0.2	2.01	20.2	76.6	1.2	22.57	3.8	15.10
26728	Soil	1.8	0.2	1.5	0.3	0.8	0.1	1.0	0.2	0.96	7.6	77.8	0.4	13.40	5.3	8.58
26729	Soil	1.7	0.2	1.5	0.3	0.7	<0.1	0.7	0.1	2.94	18.4	41.3	0.4	5.99	1.3	16.67
26730	Soil	1.7	0.2	1.2	0.2	0.7	<0.1	0.7	<0.1	2.94	18.0	41.9	0.4	5.35	1.1	15.88



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Project: True Blue  
 Report Date: August 30, 2010

Page: 8 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	MDL	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
26731	Soil	1.24	42.33	10.09	69.3	197	15.5	10.7	487	2.56	2.8	2.6	<0.1	5.2	391	0.22	0.52	0.53	51	1.71	0.097
26732	Soil	1.21	118.0	16.99	163.8	202	68.4	39.3	1069	8.26	13.8	3.5	<0.1	7.9	113	0.29	1.43	5.29	75	2.67	0.085
26733	Soil	1.44	22.93	10.32	70.5	114	9.1	8.6	722	2.94	3.5	2.1	<0.1	5.3	372	0.28	0.54	2.86	60	2.22	0.085
26734	Soil	0.62	17.14	9.73	141.1	<20	15.5	14.6	1839	5.56	54.7	7.8	<0.1	17.9	254	0.24	7.95	2.90	61	9.86	0.042
26735	Soil	0.89	13.90	157.7	116.4	253	14.4	9.2	2038	3.27	7.0	5.0	<0.1	5.5	40	0.64	1.89	0.54	69	3.33	0.330
26736	Soil	1.57	24.62	26.79	136.8	67	21.5	13.7	977	4.47	17.9	4.2	<0.1	8.8	77	0.53	1.86	1.46	75	4.64	0.148
26737	Soil	2.59	23.18	25.82	156.6	95	22.3	12.1	1832	3.72	11.6	6.1	<0.1	8.0	55	0.73	2.40	1.44	74	3.92	0.287
26738	Soil	1.87	19.57	35.37	143.8	248	19.6	15.4	1041	4.34	20.2	3.4	<0.1	8.9	96	0.54	1.97	11.52	92	3.92	0.081
26739	Soil	1.27	32.93	31.82	120.9	298	29.9	15.4	1237	4.63	28.0	3.1	<0.1	9.5	149	0.40	1.90	19.40	89	2.46	0.108
26740	Soil	1.32	21.69	14.63	72.2	112	16.6	13.7	705	3.54	23.4	2.4	<0.1	7.0	350	0.22	1.27	6.51	66	2.54	0.073
26741	Soil	1.53	22.69	12.00	60.9	139	7.6	8.7	475	2.72	8.7	1.7	<0.1	4.5	531	0.18	0.55	1.77	72	2.71	0.085
26742	Soil	1.44	34.52	28.54	160.7	496	24.8	26.3	1029	4.57	65.7	2.9	<0.1	9.8	136	0.45	1.74	18.75	87	3.40	0.102
26743	Soil	1.75	29.14	106.3	181.6	99	29.2	34.1	953	5.46	91.1	2.6	<0.1	9.3	121	0.40	2.64	27.76	105	3.83	0.098
26744	Soil	2.89	58.95	235.8	329.0	858	48.4	36.2	1053	6.12	88.2	4.5	<0.1	10.1	132	0.96	3.89	13.94	174	3.64	0.100
26745	Soil	1.12	58.77	32.45	202.6	269	42.7	26.7	1244	5.83	80.2	3.3	<0.1	7.5	114	0.38	1.43	6.60	91	7.21	0.124
26746	Soil	4.71	24.46	11.48	72.2	119	11.4	8.1	391	2.86	24.9	2.0	<0.1	5.9	429	0.28	0.70	0.34	63	2.01	0.146
26747	Soil	6.73	20.86	104.8	264.5	*	24.9	11.2	799	4.45	28.3	6.8	<0.1	20.6	168	0.63	3.81	0.94	214	2.10	0.121
26748	Soil	3.10	15.08	30.69	137.9	<20	16.3	6.9	454	2.83	20.4	12.6	<0.1	24.5	210	0.49	1.69	0.97	143	2.52	0.092
26749	Soil	1.57	9.95	42.32	252.5	123	9.4	7.0	625	3.36	6.5	5.2	<0.1	12.8	129	0.40	1.57	2.10	129	7.24	0.079
26750	Soil	2.80	12.80	38.90	224.7	<20	18.5	8.0	656	4.19	12.9	15.0	<0.1	43.7	73	0.31	2.35	0.85	153	4.09	0.114
26751	Soil	4.56	162.0	98.55	127.0	364	83.8	30.6	346	7.08	78.2	19.9	<0.1	83.6	88	0.60	7.72	1.01	235	0.66	0.125
26752	Soil	4.73	137.1	58.72	88.8	342	73.0	23.4	235	6.99	60.0	18.7	<0.1	81.8	54	0.38	5.92	0.88	261	0.38	0.109
26753	Soil	4.44	93.82	21.55	63.4	207	63.4	18.8	205	5.95	43.4	10.1	<0.1	52.6	75	0.33	6.08	0.93	248	0.47	0.109
26754	Soil	1.82	22.40	49.26	75.3	259	6.1	20.1	1125	2.37	6.8	2.0	<0.1	4.5	513	1.10	0.65	2.37	59	1.92	0.098
26755	Soil	1.43	341.6	51.06	899.0	567	89.5	62.3	615	2.98	28.1	10.9	<0.1	6.8	287	0.82	1.98	16.96	61	3.64	0.112
26756	Soil	3.37	38.02	71.14	172.5	182	18.1	20.0	841	2.96	23.1	2.8	<0.1	7.1	361	0.54	2.22	3.25	57	1.43	0.041
26757	Soil	3.56	97.58	79.98	112.7	226	10.7	19.2	548	3.47	16.7	2.9	<0.1	6.1	419	0.57	1.42	0.65	72	1.68	0.076
26758	Soil	3.39	38.85	144.5	164.9	143	20.9	21.9	1732	3.45	45.4	3.9	<0.1	10.3	183	1.70	3.19	2.53	177	2.05	0.205
26759	Soil	2.45	111.8	101.0	117.7	497	48.0	37.3	1175	7.09	87.7	7.1	<0.1	14.0	41	0.41	5.96	31.10	237	3.00	0.340
26760	Soil	2.63	153.7	107.7	216.1	744	69.9	55.0	1894	8.06	93.4	9.7	<0.1	12.6	43	0.96	9.64	40.11	248	2.12	0.391

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 Report Date: August 30, 2010

Page: 8 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
26731	Soil	18.5	12	1.34	891	0.220	5.03	2.224	1.81	0.7	102.5	1.4	1	4.4	0.07	8.1	32.22	3.8	15.4	2.2	0.4
26732	Soil	31.0	50	6.21	770	0.253	4.15	0.826	0.86	2.4	126.7	5.7	1	7.0	0.04	14.3	57.33	6.3	23.9	3.7	0.6
26733	Soil	15.6	16	2.05	774	0.255	5.51	2.072	1.74	1.2	121.1	2.8	1	4.4	0.05	7.1	30.86	3.3	13.6	2.0	0.4
26734	Soil	257.0	24	5.06	942	0.270	6.79	0.399	0.55	1.6	137.4	12.1	4	4.4	<0.04	49.1	414.2	34.0	117.4	14.7	6.2
26735	Soil	35.1	37	8.44	601	0.170	3.01	0.245	0.44	3.6	109.5	2.9	1	5.8	0.17	26.1	61.34	6.4	28.1	5.1	0.9
26736	Soil	33.2	43	7.13	593	0.241	3.51	0.564	0.70	2.7	110.5	5.0	2	5.7	0.06	14.2	75.69	6.8	25.6	3.8	0.7
26737	Soil	44.0	40	6.89	777	0.197	3.47	0.347	0.49	3.4	116.4	3.9	2	5.9	0.15	28.8	98.94	9.2	35.4	6.0	1.1
26738	Soil	32.7	51	6.19	695	0.278	3.98	0.760	0.91	2.4	111.2	3.5	2	6.4	<0.04	14.8	72.53	6.9	26.5	3.9	0.8
26739	Soil	35.5	55	5.25	1242	0.293	5.10	1.116	1.21	2.6	81.3	3.6	2	7.9	<0.04	16.2	64.20	7.1	28.6	4.2	0.7
26740	Soil	30.9	29	3.13	900	0.259	6.10	1.913	1.67	1.1	109.8	2.3	1	5.4	<0.04	10.6	60.30	6.0	22.2	3.5	0.6
26741	Soil	15.6	9	1.52	746	0.276	6.22	2.558	1.89	0.5	107.8	1.5	1	5.4	<0.04	7.4	31.67	3.5	14.8	2.3	0.6
26742	Soil	42.5	47	6.00	884	0.248	4.85	1.042	1.08	1.7	83.8	4.2	2	7.5	<0.04	20.0	80.41	8.9	33.9	5.2	0.9
26743	Soil	31.4	42	5.82	793	0.230	4.47	0.831	0.95	1.7	86.6	3.2	1	5.8	<0.04	11.9	61.58	6.2	23.6	3.5	0.6
26744	Soil	56.6	45	5.21	1193	0.258	4.60	0.875	1.15	2.5	97.9	3.9	2	7.2	<0.04	21.0	99.37	11.2	41.3	6.1	1.0
26745	Soil	41.0	31	7.54	1923	0.228	3.79	0.603	0.90	1.4	72.6	5.9	2	5.9	<0.04	20.1	71.43	8.0	31.2	5.0	0.8
26746	Soil	14.8	10	1.00	741	0.235	4.91	2.154	1.76	0.7	103.1	2.1	2	4.0	0.08	8.3	29.31	3.2	13.1	2.3	0.4
26747	Soil	73.7	37	2.35	1489	0.266	6.05	1.123	1.79	2.1	263.5	7.4	4	6.1	0.04	26.0	151.1	15.6	57.9	9.3	1.1
26748	Soil	74.9	23	2.69	1038	0.269	4.90	1.388	1.33	2.1	180.1	6.6	3	5.1	0.04	33.2	155.2	16.9	66.9	9.8	0.8
26749	Soil	49.9	34	6.33	953	0.357	4.39	0.765	0.96	1.6	278.9	16.8	4	6.4	<0.04	24.3	93.67	10.8	40.8	6.6	0.8
26750	Soil	66.6	39	5.18	1377	0.279	5.21	0.734	1.17	2.3	305.6	13.9	9	6.0	0.04	29.8	123.2	14.0	51.4	8.4	1.2
26751	Soil	231.2	54	1.58	1609	0.383	5.35	1.285	2.13	4.0	102.7	2.5	3	9.5	0.20	22.3	433.4	34.4	114.1	11.1	1.6
26752	Soil	192.1	60	1.65	1945	0.356	5.03	1.287	2.02	3.2	92.8	2.2	3	9.6	0.19	16.8	337.4	27.2	88.0	9.3	1.0
26753	Soil	149.4	56	1.51	2355	0.344	5.03	1.318	1.98	2.6	88.0	1.3	3	8.8	0.11	15.8	269.0	24.0	77.8	8.6	0.8
26754	Soil	14.9	7	0.78	890	0.244	5.87	2.615	2.06	0.8	114.3	1.0	1	4.7	<0.04	6.5	31.32	3.3	12.9	2.1	0.4
26755	Soil	144.8	23	3.57	649	0.185	5.14	1.452	1.27	0.9	98.1	1.3	1	5.7	0.10	23.5	83.59	17.2	59.5	6.5	1.4
26756	Soil	41.6	15	4.72	713	0.210	5.91	1.932	1.63	3.1	118.4	1.3	1	4.4	<0.04	11.9	85.46	7.1	25.7	3.4	0.6
26757	Soil	26.6	10	3.53	685	0.331	6.37	2.119	1.68	1.1	103.6	1.3	1	5.8	<0.04	11.6	54.39	5.6	22.3	3.3	0.7
26758	Soil	62.9	31	2.61	2691	0.728	6.57	1.395	2.14	4.9	91.6	3.3	2	12.1	0.06	17.8	112.4	12.6	46.3	6.9	1.3
26759	Soil	145.9	46	5.15	3502	1.260	7.10	0.397	1.83	23.9	112.2	5.1	2	15.9	0.07	39.3	238.3	25.2	91.7	12.3	2.9
26760	Soil	212.0	57	4.66	1590	1.094	7.41	0.354	1.09	30.9	103.8	5.7	2	16.6	0.04	49.0	365.3	36.4	122.2	15.5	4.3

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Project: True Blue  
 Report Date: August 30, 2010

Page: 8 of 11 Part 3

# CERTIFICATE OF ANALYSIS

WHI1000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.04	0.1	0.02	
26731	Soil	1.7	0.2	1.6	0.3	0.8	0.1	1.0	0.2	2.61	18.1	39.8	0.5	9.02	1.4	15.28
26732	Soil	3.1	0.4	2.7	0.5	1.7	0.2	1.9	0.3	2.77	18.9	42.1	1.5	29.71	1.7	10.93
26733	Soil	1.7	0.2	1.5	0.3	0.7	0.1	0.8	0.1	3.00	17.8	35.1	0.9	18.96	2.1	15.65
26734	Soil	11.3	1.7	10.1	1.9	4.9	0.7	4.7	0.6	4.17	24.3	26.8	9.7	160.4	1.4	21.35
26735	Soil	4.5	0.6	3.6	0.7	1.9	0.2	2.1	0.3	2.72	148.1	33.4	0.5	17.33	3.3	7.73
26736	Soil	3.1	0.4	2.6	0.5	1.4	0.2	1.4	0.2	3.05	57.7	35.2	1.5	53.89	1.8	10.17
26737	Soil	5.8	0.7	5.1	0.9	2.4	0.3	2.3	0.3	2.96	43.5	24.7	0.9	75.67	1.8	8.30
26738	Soil	3.2	0.5	3.0	0.6	1.4	0.2	1.5	0.2	2.64	44.9	43.0	1.5	57.75	2.7	11.58
26739	Soil	3.7	0.5	3.2	0.6	1.8	0.3	2.6	0.4	2.26	21.8	57.1	1.4	30.14	2.5	11.94
26740	Soil	2.5	0.3	2.0	0.4	1.1	0.2	1.3	0.2	2.95	20.4	44.9	1.1	19.42	1.7	14.83
26741	Soil	2.3	0.3	1.6	0.3	0.7	0.1	0.9	0.1	2.76	19.8	34.1	0.4	7.06	1.2	17.07
26742	Soil	4.7	0.6	4.0	0.7	2.1	0.3	3.2	0.6	2.31	19.5	49.7	1.1	25.26	2.6	11.39
26743	Soil	2.4	0.3	2.2	0.4	1.2	0.2	1.6	0.3	2.27	20.4	41.1	1.1	32.45	2.5	10.73
26744	Soil	4.8	0.6	3.7	0.7	2.1	0.3	3.0	0.5	2.75	20.6	50.6	1.3	28.07	2.5	12.01
26745	Soil	4.6	0.5	3.8	0.7	1.7	0.3	2.2	0.3	1.89	22.8	70.8	1.1	26.91	2.3	9.90
26746	Soil	1.8	0.3	1.6	0.3	0.9	0.1	0.8	0.1	2.87	17.8	40.4	0.9	14.80	1.2	16.31
26747	Soil	7.2	0.9	6.0	1.1	2.9	0.4	2.9	0.4	6.49	37.1	86.7	6.0	108.3	2.8	19.92
26748	Soil	7.6	1.1	7.5	1.4	3.5	0.5	3.1	0.4	4.56	37.9	46.4	17.0	281.5	2.1	15.41
26749	Soil	5.2	0.8	5.1	0.9	2.3	0.3	2.1	0.3	7.26	34.4	46.4	6.2	75.64	2.1	14.12
26750	Soil	6.5	1.0	6.1	1.1	3.0	0.4	2.9	0.4	7.64	39.7	63.4	7.0	127.3	2.7	17.45
26751	Soil	6.5	0.8	4.6	0.8	2.2	0.3	2.4	0.3	2.65	19.5	55.6	1.1	23.14	3.2	15.01
26752	Soil	4.4	0.6	3.5	0.6	1.6	0.2	1.8	0.3	2.44	19.1	55.0	1.0	19.83	3.4	15.21
26753	Soil	4.5	0.6	3.4	0.6	1.5	0.2	1.7	0.2	2.27	18.5	51.7	0.8	16.85	3.2	14.73
26754	Soil	1.7	0.2	1.2	0.3	0.7	<0.1	0.7	0.1	3.16	19.9	39.7	0.4	6.40	1.7	17.16
26755	Soil	4.8	0.6	3.3	0.7	1.7	0.2	1.7	0.2	2.80	36.0	33.9	0.4	6.36	4.4	11.98
26756	Soil	2.7	0.3	2.1	0.4	1.1	0.1	1.1	0.2	3.06	22.0	40.9	0.5	7.43	2.0	14.69
26757	Soil	2.7	0.4	2.5	0.4	1.1	0.1	1.0	0.2	2.64	27.6	27.9	0.7	10.75	1.9	16.78
26758	Soil	5.6	0.6	3.8	0.8	1.7	0.2	1.7	0.2	2.69	44.6	68.0	1.6	25.75	5.4	17.89
26759	Soil	9.4	1.3	8.4	1.5	3.7	0.5	3.2	0.4	3.33	72.6	66.2	2.2	38.98	5.9	19.03
26760	Soil	12.6	1.6	9.9	1.8	4.7	0.6	3.8	0.5	3.26	59.1	39.2	1.7	32.89	3.2	19.14

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Project: True Blue  
 Report Date: August 30, 2010

Page: 9 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method Analyte	Unit	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
MDL		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
26761	Soil	1.55	28.60	108.6	98.6	382	13.5	11.6	445	3.14	21.7	1.7	<0.1	5.6	89	0.60	1.74	1.88	59	2.17	0.098
26762	Soil	7.36	34.14	108.4	348.0	165	31.7	15.7	1900	3.16	25.6	3.2	<0.1	7.6	324	3.70	4.50	1.67	152	1.83	0.111
26763	Soil	3.25	22.60	60.18	96.8	373	28.1	10.3	512	2.77	12.7	2.8	<0.1	6.8	295	0.54	1.49	1.04	288	1.90	0.072
26764	Soil	10.42	31.54	67.37	117.9	322	47.1	9.2	476	3.55	28.0	6.5	<0.1	9.3	130	0.71	2.89	3.68	638	1.07	0.118
26765	Soil	7.09	29.16	81.11	189.4	288	52.2	10.8	509	4.07	36.1	8.5	<0.1	10.6	69	1.27	1.94	1.75	565	0.86	0.101
26766	Soil	1.68	17.98	10.63	56.6	160	5.4	5.6	413	1.71	3.9	2.3	<0.1	4.5	516	0.17	0.71	0.23	43	2.39	0.050
26767	Soil	1.83	20.27	15.56	69.7	190	4.5	5.1	379	1.62	4.4	1.9	<0.1	4.7	462	0.32	0.86	0.45	43	1.58	0.067
26768	Soil	2.44	32.07	70.72	186.5	365	37.1	15.7	546	3.92	38.0	2.7	<0.1	12.8	138	0.61	3.59	5.36	174	1.48	0.113
26769	Soil	2.26	45.84	93.86	198.7	289	40.0	18.4	564	4.65	52.1	3.4	<0.1	13.6	124	0.47	5.24	3.18	141	1.73	0.118
26770	Soil	1.27	49.66	65.31	150.0	350	12.6	8.7	513	1.96	49.4	3.6	<0.1	5.5	300	0.67	8.90	1.31	60	2.74	0.147
26771	Soil	1.33	41.33	86.55	364.1	331	26.9	15.0	538	3.24	71.6	2.8	<0.1	8.8	254	0.69	8.55	1.26	89	1.69	0.093
26772	Soil	1.12	36.68	67.10	192.6	265	31.6	18.9	409	3.53	42.6	2.5	<0.1	12.1	157	0.51	3.15	0.95	90	1.91	0.093
26773	Soil	0.58	18.47	60.12	375.9	150	28.7	16.0	332	3.33	39.8	1.3	<0.1	14.0	177	0.53	2.73	0.45	65	4.70	0.064
26774	Soil	0.69	44.89	131.4	209.7	751	29.6	16.7	737	3.29	93.7	2.8	<0.1	12.0	129	0.77	15.53	0.95	72	2.77	0.115
26775	Soil	1.58	33.53	197.1	128.7	744	34.2	15.1	655	3.81	62.7	3.3	<0.1	12.3	197	0.38	3.35	2.18	93	2.05	0.096
26776	Soil	1.77	24.29	88.05	64.9	325	13.4	8.3	454	2.50	28.5	2.3	<0.1	5.9	367	0.18	1.32	2.16	64	1.99	0.067
26777	Soil	3.58	33.01	88.39	116.3	175	25.2	15.7	1105	4.42	54.5	5.2	<0.1	12.0	212	0.57	2.57	10.50	107	2.18	0.150
26778	Soil	4.70	54.77	69.94	370.0	213	73.9	21.5	901	4.44	63.5	8.3	<0.1	12.4	88	0.71	2.17	8.83	284	1.84	0.112
26779	Soil	2.29	41.49	40.83	136.6	181	38.1	14.6	1177	4.53	65.2	7.8	<0.1	15.5	218	0.39	2.40	4.15	110	2.29	0.092
26780	Soil	2.30	28.18	26.82	73.7	76	12.9	8.6	577	2.86	59.2	3.0	<0.1	6.3	364	0.21	1.32	2.85	71	1.88	0.101
26781	Soil	4.16	45.49	53.88	221.8	97	29.6	43.6	3478	4.38	89.6	4.1	<0.1	8.1	225	1.48	2.19	6.58	109	1.79	0.222
26782	Soil	2.76	26.59	33.09	94.1	115	9.9	18.2	1208	2.43	36.7	2.2	<0.1	4.7	426	0.37	1.03	2.64	64	1.64	0.110
26783	Soil	62.87	11.91	13.42	129.7	<20	20.9	7.7	1788	6.26	10.3	4.7	<0.1	17.9	119	0.59	1.38	0.33	137	0.60	0.125
26784	Soil	11.10	6.33	16.23	127.6	<20	17.7	6.6	1051	4.59	6.1	2.5	<0.1	14.6	104	0.14	0.84	0.25	184	0.64	0.100
26785	Soil	10.42	5.75	8.44	97.7	<20	10.3	5.2	1260	5.14	10.7	2.8	<0.1	13.7	88	0.15	1.24	0.22	66	0.51	0.064
26786	Soil	7.52	13.72	9.47	87.4	36	13.0	6.4	1190	5.14	15.8	2.5	<0.1	10.8	89	0.22	1.47	0.70	49	0.63	0.048
26787	Soil	5.59	13.28	11.67	83.3	<20	24.7	6.3	598	4.01	10.7	2.5	<0.1	12.5	118	0.27	1.13	0.43	104	0.63	0.129
26788	Soil	5.53	11.15	14.45	71.2	<20	33.8	6.7	684	3.88	11.8	2.4	<0.1	12.3	87	0.19	1.14	0.57	183	0.52	0.109
26789	Soil	4.96	10.65	12.18	94.6	<20	23.9	5.5	832	4.27	9.3	2.2	<0.1	11.9	75	0.29	0.95	0.38	171	0.41	0.107
26790	Soil	6.44	10.53	13.94	107.3	<20	31.9	7.4	710	4.30	12.8	2.5	<0.1	15.5	104	0.24	1.13	0.50	161	0.68	0.115

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Project: True Blue  
 Report Date: August 30, 2010

Page: 9 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	Unit	MDL	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm	1T Eu
				ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
				0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
26761	Soil			31.1	19	9.86	309	0.253	3.67	0.445	0.47	2.3	65.6	1.6	<1	4.6	0.06	14.8	55.34	6.5	24.7	3.9	0.8
26762	Soil			27.5	41	0.81	911	0.269	5.42	1.733	1.73	3.0	114.7	6.4	1	5.5	0.06	8.8	53.85	5.9	21.8	3.0	0.6
26763	Soil			25.5	45	1.84	2003	0.315	6.00	1.479	2.14	4.1	94.9	1.3	<1	8.8	0.05	13.2	45.63	5.3	20.7	3.4	0.6
26764	Soil			44.1	61	2.06	2344	0.346	5.11	1.057	1.81	4.3	103.6	2.5	2	7.9	0.05	12.0	78.67	9.1	32.4	4.4	0.4
26765	Soil			36.1	67	2.65	3541	0.302	5.97	1.967	1.54	3.1	90.2	1.8	2	9.0	0.04	12.8	65.76	7.8	28.5	4.4	0.3
26766	Soil			14.6	6	0.60	843	0.194	5.76	2.612	2.05	0.6	109.7	0.9	1	3.6	<0.04	6.8	27.08	3.4	12.9	2.0	0.4
26767	Soil			16.0	5	0.55	889	0.202	5.33	2.742	2.26	0.7	118.0	0.9	1	3.5	<0.04	6.4	33.07	3.6	13.0	1.9	0.3
26768	Soil			58.7	53	2.14	1442	0.283	5.97	1.202	2.09	2.3	74.2	2.4	1	11.8	<0.04	18.7	104.7	12.2	43.7	6.1	1.1
26769	Soil			73.0	69	1.75	1266	0.372	6.27	0.927	2.33	2.1	69.9	3.6	1	13.0	<0.04	20.2	119.5	14.7	52.1	7.5	1.3
26770	Soil			25.7	20	0.71	721	0.175	3.79	1.306	1.21	0.9	69.3	1.0	<1	6.2	0.15	11.9	37.84	5.0	18.4	2.6	0.5
26771	Soil			35.9	47	1.38	1022	0.255	5.35	1.467	2.12	1.4	85.8	1.9	2	10.0	0.05	15.1	67.92	7.7	27.4	4.3	0.7
26772	Soil			55.8	63	1.96	1152	0.265	5.59	1.016	2.00	1.2	65.5	2.2	1	11.9	0.05	17.1	95.17	11.5	43.2	5.8	0.9
26773	Soil			44.8	69	2.52	1059	0.260	7.22	0.433	3.19	0.8	71.7	2.8	2	12.7	<0.04	14.3	81.19	9.5	33.9	4.9	0.7
26774	Soil			39.1	61	1.65	936	0.180	5.06	0.590	1.78	1.0	44.1	2.0	<1	12.6	0.10	19.4	63.61	8.3	31.9	4.7	0.9
26775	Soil			46.9	68	1.96	1601	0.324	5.85	1.015	2.03	2.8	76.7	2.8	2	12.1	0.05	18.2	85.22	10.1	35.3	5.0	0.9
26776	Soil			24.5	18	1.07	927	0.251	4.79	2.200	1.92	1.4	98.4	1.9	<1	6.0	<0.04	9.3	44.86	5.1	18.4	2.6	0.4
26777	Soil			60.8	43	3.73	824	0.275	4.74	1.134	1.26	2.2	100.9	3.6	1	8.2	0.07	18.3	113.6	11.8	41.9	5.4	1.0
26778	Soil			60.4	62	4.18	1465	0.328	5.10	0.595	1.35	2.0	110.3	2.5	1	10.9	0.05	24.5	94.01	10.9	39.1	5.1	1.0
26779	Soil			82.3	66	2.51	994	0.359	5.37	1.435	1.43	2.9	89.7	3.5	2	10.3	<0.04	21.3	192.3	16.2	54.4	7.0	1.2
26780	Soil			28.3	27	0.95	800	0.268	4.46	1.987	1.69	1.9	96.3	2.1	<1	5.7	0.05	9.2	52.79	5.6	19.7	2.8	0.5
26781	Soil			43.7	46	0.97	947	0.321	4.40	1.283	1.36	2.7	79.1	4.8	<1	8.6	0.13	11.6	88.29	7.7	26.9	3.6	0.7
26782	Soil			17.9	14	0.67	818	0.245	4.88	2.313	1.91	1.2	106.9	2.2	<1	4.7	0.06	6.7	35.88	3.7	13.7	1.9	0.4
26783	Soil			56.8	69	0.77	704	0.334	5.26	2.033	1.64	3.2	52.9	3.6	2	11.7	0.04	36.3	169.1	13.7	49.8	8.9	0.8
26784	Soil			57.0	57	1.30	583	0.324	5.40	2.247	1.45	3.3	53.0	3.4	4	9.0	<0.04	32.2	151.7	13.0	50.0	8.2	0.8
26785	Soil			89.5	33	0.87	579	0.284	6.36	1.695	1.65	3.8	39.5	3.4	4	5.7	<0.04	25.5	203.0	18.7	66.9	9.0	1.0
26786	Soil			71.6	31	0.89	527	0.260	6.82	2.366	1.28	3.3	34.4	3.1	3	5.9	<0.04	23.0	155.9	16.1	59.6	8.5	1.1
26787	Soil			50.1	52	0.72	586	0.371	5.87	2.208	1.57	2.3	48.1	3.9	3	6.8	0.07	17.3	99.79	10.4	40.5	5.5	0.8
26788	Soil			42.7	61	0.92	558	0.345	5.95	2.153	1.49	2.3	56.9	3.1	3	8.3	<0.04	19.3	95.98	9.6	37.6	6.2	0.7
26789	Soil			46.9	58	0.89	606	0.419	5.62	2.007	1.62	2.1	57.3	3.5	3	7.5	<0.04	16.7	95.24	9.8	38.0	6.2	0.7
26790	Soil			53.4	66	1.01	580	0.452	5.78	2.161	1.44	1.7	58.9	2.7	3	8.0	0.04	22.1	109.7	11.6	43.9	6.7	0.9

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Project: True Blue  
 Report Date: August 30, 2010

Page: 9 of 11 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.04	0.1	0.02	
26761	Soil	3.4	0.5	2.8	0.5	1.3	0.2	1.2	0.2	1.73	48.1	19.8	0.6	9.92	4.5	8.52
26762	Soil	2.3	0.3	1.6	0.3	0.9	0.1	1.0	0.2	3.17	23.9	74.6	0.7	10.41	4.8	16.34
26763	Soil	2.8	0.4	2.3	0.4	1.2	0.2	1.3	0.2	2.62	35.2	60.1	0.6	9.90	4.3	15.53
26764	Soil	3.3	0.4	2.1	0.4	1.1	0.2	1.5	0.2	2.69	27.3	100.1	0.9	13.23	6.1	15.35
26765	Soil	3.2	0.4	2.4	0.5	1.2	0.2	1.2	0.2	2.43	45.5	66.6	0.7	10.56	6.4	16.15
26766	Soil	1.9	0.2	1.3	0.3	0.7	<0.1	0.7	0.1	2.94	18.1	39.4	0.4	5.08	1.2	15.62
26767	Soil	1.3	0.2	1.1	0.2	0.7	<0.1	0.7	<0.1	2.96	20.4	43.6	0.4	6.21	1.4	15.87
26768	Soil	4.7	0.6	3.8	0.7	1.8	0.2	1.8	0.3	2.11	36.7	70.1	0.7	10.63	3.9	14.44
26769	Soil	5.6	0.7	4.1	0.7	2.1	0.2	2.0	0.3	2.01	31.2	75.4	0.9	14.71	4.6	16.96
26770	Soil	2.3	0.3	2.1	0.4	1.1	0.1	1.0	0.2	1.67	14.7	32.1	0.3	5.48	2.6	10.86
26771	Soil	3.1	0.4	2.8	0.5	1.5	0.2	1.5	0.2	2.33	28.8	63.2	0.5	8.98	4.0	16.31
26772	Soil	4.3	0.6	3.3	0.6	1.6	0.2	1.7	0.2	1.81	32.7	59.7	0.6	9.71	4.2	14.87
26773	Soil	3.3	0.5	3.0	0.5	1.3	0.2	1.5	0.2	1.98	38.4	108.3	0.6	8.89	5.8	18.55
26774	Soil	4.2	0.5	3.7	0.7	1.9	0.3	2.0	0.3	1.09	28.6	66.7	0.4	7.01	5.9	13.06
26775	Soil	4.2	0.5	3.7	0.6	1.8	0.2	1.8	0.2	2.01	29.2	64.5	0.8	12.94	11.9	14.96
26776	Soil	2.2	0.3	1.9	0.3	0.9	0.1	1.0	0.1	2.60	19.5	42.1	0.5	7.97	2.3	15.13
26777	Soil	3.9	0.6	3.7	0.6	1.6	0.2	1.7	0.2	2.80	29.0	53.9	0.7	11.80	3.1	11.92
26778	Soil	4.4	0.6	3.7	0.8	2.1	0.3	1.8	0.3	2.85	39.3	64.6	1.1	19.73	9.8	13.63
26779	Soil	4.9	0.7	4.2	0.7	2.1	0.2	2.1	0.3	2.67	20.3	47.6	1.0	16.90	3.2	12.83
26780	Soil	1.9	0.3	1.7	0.3	0.9	0.1	0.9	0.1	2.30	16.8	44.4	0.7	10.99	4.2	13.96
26781	Soil	3.0	0.4	2.2	0.4	1.1	0.1	1.1	0.1	2.17	14.4	53.7	0.8	17.23	4.7	12.79
26782	Soil	1.8	0.2	1.4	0.2	0.6	<0.1	0.7	<0.1	2.65	16.6	44.0	0.5	9.14	3.8	15.76
26783	Soil	7.1	1.2	7.8	1.4	3.7	0.5	3.3	0.4	1.40	20.3	78.5	3.7	83.12	3.9	20.63
26784	Soil	7.1	1.0	6.7	1.3	3.2	0.4	2.9	0.3	1.45	32.9	81.8	3.9	77.98	3.8	21.25
26785	Soil	6.7	0.9	5.8	0.9	2.6	0.3	2.2	0.3	1.02	29.5	81.0	3.9	76.02	4.6	26.27
26786	Soil	6.5	0.8	4.9	0.9	2.1	0.2	2.0	0.3	0.90	22.3	55.2	3.2	60.21	2.8	30.19
26787	Soil	4.1	0.6	3.8	0.7	1.7	0.2	1.6	0.2	1.35	18.8	80.7	3.6	67.77	2.4	21.72
26788	Soil	4.7	0.8	4.1	0.8	1.9	0.3	1.9	0.3	1.54	18.4	64.1	3.9	67.84	3.0	22.35
26789	Soil	4.5	0.7	3.9	0.7	1.7	0.2	1.7	0.2	1.52	18.6	91.3	3.6	70.91	2.4	21.66
26790	Soil	5.0	0.8	4.8	0.9	2.5	0.3	2.1	0.3	1.56	19.5	71.1	3.8	68.09	2.4	19.89

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Project: True Blue  
 Report Date: August 30, 2010

Page: 10 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
26791	Soil	4.12	7.02	14.56	56.8	<20	32.9	6.4	418	3.26	12.5	2.2	<0.1	10.8	76	0.20	1.20	0.36	221	0.49	0.118
26792	Soil	2.29	5.74	7.34	36.1	34	28.5	4.9	249	2.73	5.6	1.9	<0.1	10.4	74	0.18	0.89	0.31	193	0.44	0.146
26793	Soil	2.65	7.12	7.16	36.1	98	19.5	3.5	258	2.27	3.8	1.8	<0.1	7.1	79	0.18	0.78	0.29	157	0.42	0.236
26794	Soil	1.08	0.86	1.97	22.9	<20	18.3	2.8	100	1.51	2.8	1.8	<0.1	9.4	26	0.08	0.81	0.13	440	0.26	0.075
26795	Soil	5.30	5.16	7.19	39.1	<20	17.3	4.5	226	3.42	4.3	2.4	<0.1	11.0	50	0.19	1.33	0.37	201	0.28	0.172
26796	Soil	2.02	5.03	7.97	34.7	<20	20.0	4.7	226	2.77	4.9	1.8	<0.1	9.9	75	0.15	1.16	0.26	253	0.46	0.127
26797	Soil	3.73	1.92	5.71	40.7	<20	6.2	5.3	392	3.40	4.0	3.7	<0.1	14.9	23	0.11	1.04	0.93	61	0.14	0.118
26798	Soil	4.66	1.43	3.86	26.9	99	9.3	2.2	427	1.92	8.2	4.1	<0.1	20.3	24	0.15	2.32	0.93	69	1.00	0.111
26799	Soil	4.63	6.88	7.95	35.8	<20	11.5	4.6	441	4.30	4.9	2.4	<0.1	13.3	77	0.21	0.85	0.34	60	0.39	0.122
26800	Soil	11.47	2.28	4.51	12.5	<20	4.0	2.5	720	4.70	2.1	2.7	<0.1	12.4	21	0.15	0.80	0.29	9	0.16	0.075
26801	Soil	15.09	4.27	2.65	13.9	<20	2.3	2.3	1048	5.29	2.5	2.8	<0.1	12.7	18	0.16	0.64	0.13	3	0.23	0.062
26802	Soil	12.32	3.55	5.01	28.6	<20	9.7	3.1	1168	4.15	2.9	5.5	<0.1	25.8	68	0.17	0.91	0.63	56	0.49	0.082
26803	Soil	11.80	3.41	5.64	27.6	<20	7.1	3.8	950	5.01	1.5	3.0	<0.1	11.6	51	0.18	0.76	0.21	30	0.41	0.079
26804	Soil	5.54	9.09	11.17	39.6	<20	15.9	5.9	533	4.00	4.5	2.6	<0.1	12.9	119	0.21	0.88	0.35	76	0.80	0.110
26805	Soil	7.03	7.75	9.28	41.3	<20	11.4	6.0	813	4.39	4.7	2.1	<0.1	9.7	103	0.21	0.87	0.41	64	0.52	0.110
26806	Soil	8.96	7.50	8.21	40.5	<20	11.5	5.4	998	5.00	3.1	2.9	<0.1	12.2	99	0.22	0.79	0.38	57	0.62	0.145
26807	Soil	8.76	7.47	7.42	30.6	34	10.8	4.6	963	5.02	4.2	3.6	<0.1	14.9	80	0.21	0.86	0.35	45	0.48	0.105
26808	Soil	5.02	9.53	9.00	46.5	<20	15.6	6.7	844	4.39	4.9	2.7	<0.1	11.4	119	0.29	0.95	0.26	69	0.72	0.116
26809	Soil	8.62	8.20	7.48	43.6	<20	12.0	6.8	737	4.72	6.2	2.7	<0.1	12.0	100	0.27	0.90	0.41	54	0.51	0.094
26810	Soil	10.70	6.04	6.07	46.8	<20	10.5	5.3	590	5.32	4.2	2.5	<0.1	13.5	90	0.24	0.74	0.40	41	0.51	0.109
26811	Soil	9.68	7.17	7.15	44.8	<20	10.7	4.8	653	4.84	4.0	2.7	<0.1	11.6	88	0.22	0.92	0.67	56	0.54	0.139
26812	Soil	5.77	9.21	13.80	52.3	<20	14.4	5.7	510	3.53	4.2	2.8	<0.1	13.7	125	0.25	0.87	0.40	74	0.56	0.125
26813	Soil	5.60	4.32	13.92	70.2	<20	10.0	2.8	919	3.64	9.8	5.4	<0.1	24.6	28	0.46	2.06	0.77	33	0.34	0.102
26814	Soil	5.46	4.65	10.91	410.0	94	11.5	5.0	455	3.86	8.9	4.4	<0.1	18.8	38	2.63	1.74	1.03	81	0.35	0.119
26815	Soil	7.26	3.80	12.45	122.2	<20	12.7	4.5	572	4.31	9.3	4.1	<0.1	20.0	30	0.73	2.07	0.88	90	0.37	0.144
26816	Soil	6.39	4.23	12.52	77.7	<20	10.3	3.5	524	4.30	5.7	4.1	<0.1	17.7	43	0.29	1.28	1.04	93	0.30	0.093
26817	Soil	8.91	6.03	20.37	101.9	<20	9.7	4.7	730	4.96	5.9	4.8	<0.1	23.4	49	0.85	1.36	0.77	38	0.35	0.105
26818	Soil	6.37	5.70	12.91	66.5	52	10.0	4.9	604	3.93	3.6	3.7	<0.1	14.7	85	0.23	1.03	0.71	85	0.43	0.137
26819	Soil	2.96	7.26	8.98	50.2	<20	17.1	6.1	435	3.17	4.3	2.5	<0.1	10.6	146	0.30	0.94	0.40	147	0.73	0.162
26861	Soil	2.22	87.21	10.96	168.4	128	38.6	22.8	641	4.48	16.1	35.7	<0.1	8.8	311	0.37	1.01	0.62	45	3.32	0.103

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Project: True Blue  
 Report Date: August 30, 2010

Page: 10 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	Unit	MDL	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm	1T Eu
				ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
				0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
26791	Soil			33.6	68	1.16	538	0.297	5.42	1.650	1.55	1.8	61.6	2.1	3	8.7	<0.04	13.2	66.19	7.3	28.4	4.3	0.6
26792	Soil			31.4	67	1.13	491	0.261	5.11	1.897	1.18	1.5	62.3	2.1	2	8.0	0.06	9.9	61.40	6.4	25.4	4.0	0.7
26793	Soil			22.5	56	0.76	426	0.244	4.31	1.808	1.01	1.2	58.3	2.2	2	7.9	0.13	7.6	43.50	4.7	18.8	2.9	0.5
26794	Soil			8.2	56	1.16	488	0.168	6.15	1.351	2.18	3.5	70.4	5.8	3	10.6	<0.04	5.4	17.05	1.9	7.9	1.4	<0.1
26795	Soil			39.1	53	1.21	574	0.325	5.11	1.382	1.85	3.8	111.9	4.3	2	7.8	0.07	11.8	76.22	8.2	30.7	5.4	0.8
26796	Soil			32.1	58	1.10	660	0.292	4.93	1.597	1.66	2.3	76.5	2.3	2	10.1	0.04	9.9	66.00	7.5	28.8	4.0	0.6
26797	Soil			49.4	11	1.00	1300	0.140	6.41	0.684	2.81	2.1	140.1	7.5	4	5.0	<0.04	13.5	106.7	11.8	44.2	7.5	0.7
26798	Soil			46.3	8	0.56	2075	0.093	7.55	0.416	3.17	1.6	115.4	7.9	5	4.6	<0.04	15.6	99.45	11.4	44.2	7.5	0.6
26799	Soil			71.1	36	1.20	630	0.256	5.15	1.655	1.44	1.4	127.9	4.3	3	5.3	0.05	14.8	146.3	15.4	60.0	9.0	1.5
26800	Soil			72.5	5	0.71	701	0.113	6.95	1.020	2.99	1.3	176.8	4.7	6	2.9	<0.04	20.1	156.5	16.6	64.1	9.3	1.6
26801	Soil			77.7	3	0.91	582	0.091	7.09	1.317	2.84	1.4	173.7	4.4	4	2.8	<0.04	22.4	164.7	18.4	69.7	11.9	2.0
26802	Soil			169.0	23	1.43	676	0.195	6.31	1.465	2.34	2.1	190.0	5.3	5	5.2	<0.04	43.0	334.4	35.3	129.3	20.6	2.8
26803	Soil			64.2	16	1.07	574	0.148	6.80	1.507	2.19	1.2	159.5	4.8	4	3.1	<0.04	23.6	136.8	15.8	61.5	10.6	2.2
26804	Soil			66.3	55	0.93	614	0.307	5.71	1.681	1.60	1.2	92.7	2.5	3	6.1	<0.04	15.9	134.6	14.8	54.1	8.3	1.3
26805	Soil			48.6	41	1.15	605	0.271	5.32	1.568	1.47	1.1	84.4	2.7	3	4.7	0.04	12.0	96.21	10.8	41.1	6.7	1.3
26806	Soil			58.0	40	0.94	589	0.251	6.38	1.612	1.66	1.1	106.3	3.5	5	5.3	0.04	19.2	119.8	14.0	52.9	8.5	1.7
26807	Soil			74.9	31	0.67	633	0.227	6.37	1.199	2.62	1.3	166.9	4.3	4	4.4	<0.04	23.6	153.1	17.9	67.4	11.2	1.8
26808	Soil			56.8	56	1.00	625	0.366	5.54	1.689	1.61	1.7	84.9	2.6	3	6.3	0.04	16.6	115.5	13.3	49.5	8.1	1.6
26809	Soil			59.7	39	1.29	525	0.285	5.59	1.631	1.59	1.6	123.2	3.7	4	4.5	0.04	16.5	125.1	14.2	52.0	8.1	1.4
26810	Soil			68.1	32	1.57	459	0.235	5.98	1.741	1.34	1.3	106.7	3.5	2	4.4	0.05	16.1	139.0	15.1	55.4	8.2	1.6
26811	Soil			59.1	43	1.51	551	0.284	5.39	1.402	1.54	1.6	126.5	3.4	4	4.7	0.05	16.9	120.7	13.7	49.2	8.1	1.3
26812	Soil			63.9	48	1.42	535	0.324	4.92	1.635	1.34	1.5	92.1	2.3	2	5.3	0.05	15.8	123.7	13.1	49.1	7.5	1.0
26813	Soil			91.3	8	0.78	1041	0.143	5.69	0.456	2.25	1.8	171.9	7.5	4	2.7	0.05	23.9	191.7	21.4	79.4	12.9	1.2
26814	Soil			70.3	14	1.11	1171	0.156	5.95	0.884	2.36	1.8	160.4	6.5	5	4.0	0.04	20.4	149.4	17.3	63.8	10.4	1.2
26815	Soil			99.9	15	1.32	994	0.173	5.62	0.762	2.16	1.9	181.8	7.8	5	4.3	<0.04	22.4	204.4	23.1	87.4	13.4	1.5
26816	Soil			86.9	27	1.25	1125	0.173	6.55	0.766	2.64	1.8	212.5	7.9	4	4.5	<0.04	22.0	181.9	20.3	74.8	11.6	1.3
26817	Soil			140.8	11	1.01	1002	0.175	5.58	1.062	2.14	1.9	234.4	6.5	4	2.9	0.10	26.5	284.0	31.6	113.7	17.4	1.9
26818	Soil			62.9	28	1.21	1126	0.219	6.09	1.162	2.13	1.6	163.4	5.3	5	4.8	0.04	16.7	131.0	14.8	56.5	8.7	1.1
26819	Soil			39.2	48	1.20	711	0.319	5.66	1.602	1.67	2.0	98.7	2.7	3	6.6	0.05	13.6	79.77	8.7	34.0	5.4	0.8
26861	Soil			26.4	18	4.24	2587	0.225	5.55	1.510	1.62	0.9	128.7	3.7	2	4.0	0.13	17.6	47.42	5.5	20.9	3.4	0.4

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Project: True Blue  
 Report Date: August 30, 2010

Page: 10 of 11 Part 3

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
26791	Soil	3.2	0.5	2.8	0.5	1.4	0.2	1.4	0.2	1.70	15.2	56.4	1.6	27.72	1.7	17.85
26792	Soil	2.8	0.4	2.2	0.4	1.2	0.1	1.0	0.2	1.68	11.5	43.1	0.8	13.61	1.6	15.90
26793	Soil	2.5	0.3	1.6	0.3	0.8	<0.1	0.8	0.1	1.51	7.4	37.6	0.7	12.06	1.6	14.13
26794	Soil	1.1	0.1	0.9	0.2	0.6	<0.1	0.8	0.1	1.83	16.9	55.1	0.5	7.87	2.0	18.30
26795	Soil	3.5	0.5	2.4	0.4	1.2	0.2	1.4	0.2	2.73	13.0	56.7	2.4	43.35	1.7	20.22
26796	Soil	3.0	0.4	2.1	0.4	1.0	0.1	1.1	0.2	1.87	13.0	52.0	1.0	16.94	1.6	16.16
26797	Soil	5.6	0.7	3.2	0.5	1.3	0.2	1.6	0.2	3.68	12.0	89.6	1.6	31.30	4.8	27.01
26798	Soil	6.2	0.7	3.6	0.6	1.7	0.2	1.8	0.3	3.28	8.2	99.8	1.0	17.55	6.6	26.24
26799	Soil	6.4	0.7	3.6	0.6	1.7	0.2	1.7	0.2	3.09	14.6	45.3	2.2	41.09	2.4	23.84
26800	Soil	6.8	0.9	4.7	0.8	2.1	0.3	2.2	0.3	3.72	8.3	65.6	2.4	44.90	3.5	33.14
26801	Soil	8.7	1.0	5.7	0.9	2.3	0.3	2.3	0.3	3.73	9.1	60.2	1.9	35.20	3.4	35.26
26802	Soil	15.2	2.0	10.7	1.8	4.5	0.6	4.1	0.5	4.18	15.6	59.1	7.3	150.7	3.6	29.54
26803	Soil	9.5	1.2	6.2	1.0	2.5	0.3	2.2	0.3	3.78	14.6	45.2	1.5	28.12	2.2	31.03
26804	Soil	6.5	0.8	3.9	0.6	1.7	0.2	1.8	0.2	2.31	16.2	47.1	1.7	30.81	1.6	19.41
26805	Soil	5.4	0.6	3.0	0.5	1.3	0.2	1.4	0.2	2.19	17.1	45.6	1.2	20.44	2.0	20.68
26806	Soil	7.1	0.9	4.8	0.7	1.9	0.3	1.8	0.2	2.51	13.6	45.9	1.2	22.57	2.0	25.79
26807	Soil	9.6	1.1	6.1	0.9	2.4	0.3	2.5	0.4	3.89	11.4	63.4	1.5	28.07	1.8	29.45
26808	Soil	6.1	0.8	3.9	0.6	1.6	0.2	1.7	0.2	2.23	14.7	52.7	1.7	27.92	1.7	19.52
26809	Soil	6.3	0.8	4.2	0.7	1.7	0.2	1.7	0.2	2.69	18.3	51.2	2.0	38.07	2.1	23.50
26810	Soil	6.3	0.8	4.2	0.6	1.6	0.2	1.6	0.2	2.62	18.3	42.2	1.5	28.42	2.8	24.56
26811	Soil	6.2	0.8	4.2	0.7	1.7	0.2	1.7	0.2	3.01	18.8	51.1	1.7	31.51	2.7	25.93
26812	Soil	5.7	0.7	3.7	0.6	1.5	0.2	1.6	0.2	2.20	21.6	47.8	2.0	38.90	2.3	19.76
26813	Soil	10.1	1.2	6.0	1.0	2.5	0.3	2.5	0.3	4.26	12.7	80.5	3.6	80.07	3.6	27.05
26814	Soil	8.4	1.0	5.0	0.9	2.3	0.3	2.3	0.3	3.96	14.4	76.3	2.3	48.41	3.4	27.19
26815	Soil	10.1	1.1	5.7	0.8	2.2	0.3	2.1	0.3	4.41	15.1	65.8	3.0	67.23	3.1	27.71
26816	Soil	9.0	1.1	5.5	0.8	2.5	0.3	2.4	0.3	4.86	16.6	75.4	3.0	67.14	3.7	30.45
26817	Soil	13.2	1.4	7.3	1.0	2.7	0.4	2.8	0.4	5.59	11.7	63.9	4.4	96.48	1.9	28.22
26818	Soil	7.1	0.8	4.4	0.7	1.9	0.3	2.0	0.2	4.05	15.9	70.1	2.0	44.63	2.9	25.99
26819	Soil	3.9	0.6	3.0	0.5	1.3	0.2	1.4	0.2	2.56	16.7	54.2	1.3	23.47	1.6	18.25
26861	Soil	3.9	0.5	2.7	0.5	1.6	0.2	1.8	0.2	3.43	36.1	91.3	1.7	34.09	2.1	13.12

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Project: True Blue  
 Report Date: August 30, 2010

Page: 11 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	MDL	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
26862	Soil	1.80	141.5	15.98	649.5	<20	65.4	40.0	708	7.42	30.0	9.2	<0.1	12.6	194	0.42	2.31	2.57	60	4.09	0.099
26901	Soil	1.76	2.72	3.55	36.1	<20	68.5	13.6	298	3.21	10.1	1.0	<0.1	8.7	33	0.10	1.98	0.45	255	0.65	0.187
26902	Soil	3.00	7.01	10.16	60.0	<20	75.1	27.9	484	4.16	6.3	2.1	<0.1	11.5	104	0.14	1.58	1.98	215	1.70	0.306
26903	Soil	1.57	6.01	7.04	72.6	<20	125.7	12.1	602	5.05	3.8	1.6	<0.1	6.8	85	0.17	1.27	0.73	301	1.83	0.322
26904	Soil	2.14	14.18	12.89	70.6	35	39.6	6.3	481	2.75	2.3	1.2	<0.1	4.5	321	0.19	0.78	0.53	165	1.60	0.165
26905	Soil	5.56	4.08	11.35	51.7	94	623.1	6.9	714	4.91	5.3	1.8	<0.1	7.7	51	0.15	3.48	0.66	445	1.18	0.406
26851	Soil	2.94	18.19	15.65	271.2	<20	18.0	9.6	673	4.43	11.4	10.2	<0.1	29.2	114	0.38	1.72	1.36	90	3.56	0.130
26852	Soil	1.55	16.02	16.84	416.2	*	18.7	11.3	730	4.70	10.2	9.9	<0.1	26.9	153	0.46	2.02	1.19	86	5.88	0.074
26853	Soil	1.69	22.61	14.21	217.1	<20	14.3	9.3	575	3.70	11.8	7.0	<0.1	18.0	321	0.26	1.31	1.21	71	3.57	0.097
26854	Soil	1.68	16.85	10.34	74.6	149	6.1	5.9	443	2.13	2.4	3.6	<0.1	7.6	418	0.20	0.66	0.42	48	1.83	0.126
26855	Soil	2.22	20.84	11.66	104.5	<20	8.1	5.9	487	2.42	4.6	3.3	<0.1	9.1	343	0.20	0.82	0.62	49	1.98	0.122
26856	Soil	1.83	18.61	12.92	147.1	<20	8.7	6.4	570	3.13	5.3	7.9	<0.1	12.8	306	0.24	0.95	0.76	57	2.71	0.120
26857	Soil	1.76	34.84	10.63	100.3	132	7.6	6.2	384	2.03	5.4	9.0	<0.1	6.4	502	0.20	0.66	0.25	43	2.17	0.094
26858	Soil	6.30	59.86	8.95	207.6	<20	96.1	14.7	1538	9.91	27.9	22.9	<0.1	46.9	119	0.64	1.73	0.51	76	2.04	0.056
26859	Soil	4.36	55.20	11.59	211.0	104	19.9	15.1	518	3.57	8.4	19.5	<0.1	7.7	389	0.19	1.06	0.85	55	2.25	0.098
26860	Soil	4.27	79.92	14.41	378.9	22	38.5	22.3	554	4.90	19.2	18.0	<0.1	10.6	389	0.29	1.27	1.53	61	2.69	0.097



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Project: True Blue  
 Report Date: August 30, 2010

Page: 11 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
26862	Soil	47.9	38	6.85	5136	0.269	5.99	0.973	2.18	1.8	138.9	9.0	3	5.1	0.14	21.7	85.78	9.7	33.0	4.7	0.1
26901	Soil	8.6	44	2.84	688	0.411	7.23	1.893	1.37	3.0	67.7	4.7	4	11.9	<0.04	8.1	30.85	4.1	20.8	4.7	0.5
26902	Soil	60.0	85	3.70	599	0.890	8.21	2.430	1.15	2.5	89.0	3.8	4	19.8	<0.04	25.8	153.3	17.7	69.1	11.3	1.9
26903	Soil	58.3	192	5.78	493	1.114	7.60	1.969	0.95	2.5	63.8	2.6	5	31.0	<0.04	34.5	150.6	18.7	77.9	13.6	2.7
26904	Soil	17.4	54	2.28	682	0.703	6.53	2.595	1.58	1.1	98.7	2.5	2	11.4	0.05	10.0	40.88	4.9	20.2	3.4	0.8
26905	Soil	26.4	177	6.42	1194	0.814	8.58	1.402	2.15	2.8	71.7	6.1	5	33.4	0.04	40.4	102.4	14.3	71.6	15.4	1.7
26851	Soil	97.6	46	4.35	1160	0.383	5.83	0.993	1.24	2.4	343.8	15.2	6	6.6	0.04	42.8	190.2	19.8	69.4	10.2	1.4
26852	Soil	72.6	41	5.92	1100	0.405	6.03	0.886	0.94	1.7	296.8	22.5	9	6.9	<0.04	38.6	145.5	15.9	56.3	9.2	1.4
26853	Soil	47.9	25	3.32	980	0.365	6.84	1.803	1.57	1.3	234.2	11.1	4	5.6	<0.04	23.9	92.06	10.3	37.3	5.7	1.0
26854	Soil	20.3	13	1.14	894	0.273	5.64	2.461	1.86	0.9	144.8	3.2	2	4.1	0.04	10.3	41.94	4.7	17.7	2.9	0.6
26855	Soil	25.2	17	1.49	918	0.269	5.61	2.164	1.83	1.1	172.2	6.2	3	3.6	0.05	14.3	49.70	5.8	20.8	3.6	0.6
26856	Soil	44.8	18	2.67	1016	0.291	6.38	1.862	1.62	1.3	212.8	7.8	3	4.4	0.04	21.3	85.08	9.5	34.0	4.8	0.8
26857	Soil	16.7	8	0.81	942	0.274	7.77	2.538	1.99	0.7	136.2	1.4	2	4.0	0.06	20.8	31.78	4.1	16.7	2.7	0.6
26858	Soil	140.5	23	2.47	1426	0.435	5.79	1.758	2.10	1.8	88.6	7.3	12	3.8	<0.04	110.3	322.7	35.4	136.5	23.1	2.1
26859	Soil	25.0	20	1.90	1283	0.273	6.09	2.234	1.72	1.1	114.4	3.1	3	4.0	0.06	29.4	44.83	5.9	22.7	4.1	0.5
26860	Soil	33.5	24	3.63	2059	0.263	6.89	1.881	1.72	1.3	119.5	4.3	3	5.3	0.07	31.7	60.26	7.1	27.9	4.5	0.6



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Page: 11 of 11 Part 3

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		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
26862	Soil	4.7	0.6	3.8	0.6	1.8	0.2	1.8	0.2	3.37	57.4	151.7	3.2	86.73	3.3	16.45
26901	Soil	3.8	0.4	2.3	0.4	1.1	0.1	1.0	0.1	1.65	43.0	21.3	0.7	11.67	15.4	29.62
26902	Soil	9.4	1.2	6.5	1.0	2.4	0.3	2.0	0.3	2.36	38.9	49.3	1.4	24.21	6.9	21.83
26903	Soil	11.3	1.5	7.8	1.3	3.2	0.4	2.5	0.3	1.78	47.4	46.5	0.8	17.23	4.5	23.56
26904	Soil	3.1	0.4	2.5	0.4	0.9	0.1	1.0	0.1	2.59	26.4	29.7	0.9	15.56	2.3	21.52
26905	Soil	13.8	1.7	9.9	1.5	4.7	0.5	3.3	0.4	2.23	82.4	96.1	0.9	13.61	19.8	34.43
26851	Soil	8.4	1.8	8.9	1.5	4.1	0.6	3.7	0.5	7.95	38.2	66.9	9.1	155.9	3.4	21.17
26852	Soil	8.0	1.2	7.9	1.4	3.8	0.5	3.2	0.4	8.18	51.7	47.7	8.7	126.9	1.9	19.30
26853	Soil	5.1	0.7	4.5	0.8	2.3	0.3	2.0	0.2	5.49	35.8	54.3	5.4	94.15	2.3	19.12
26854	Soil	2.3	0.4	2.2	0.4	1.1	0.2	1.0	0.1	3.74	20.7	46.8	2.0	34.64	2.1	17.79
26855	Soil	3.2	0.5	2.9	0.6	1.5	0.2	1.4	0.2	4.11	25.5	44.9	3.5	59.04	1.9	17.99
26856	Soil	4.5	0.7	3.9	0.7	1.9	0.3	1.7	0.2	5.77	32.5	49.2	4.8	78.25	2.2	18.47
26857	Soil	3.1	0.5	3.1	0.7	1.9	0.2	1.5	0.2	3.36	23.2	40.1	0.8	13.79	1.5	18.26
26858	Soil	23.1	3.5	22.1	4.1	11.6	1.5	10.5	1.3	2.05	35.9	315.7	15.9	386.1	8.6	45.17
26859	Soil	4.5	0.7	4.3	0.8	2.3	0.3	2.0	0.3	2.97	32.5	46.9	1.6	36.70	1.8	17.57
26860	Soil	5.3	0.7	4.6	0.9	2.3	0.3	2.3	0.3	2.96	46.7	81.1	1.9	45.17	2.8	17.14



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Project: True Blue  
 Report Date: August 30, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

WHI10000225.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001	
Pulp Duplicates																					
26567	Soil	10.21	4.17	38.79	50.9	79	34.4	4.7	1014	3.10	23.4	2.9	<0.1	17.8	61	0.26	1.49	0.26	298	0.61	0.173
REP 26567	QC	9.88	3.87	35.48	42.5	75	33.9	4.1	1026	3.00	22.2	2.8	<0.1	17.6	56	0.26	1.45	0.26	292	0.58	0.169
26606	Soil	2.65	47.18	67.34	169.8	286	62.0	13.2	378	2.24	20.6	2.9	<0.1	13.1	61	0.46	4.91	0.56	297	0.42	0.122
REP 26606	QC	2.73	47.04	66.43	173.2	175	63.6	13.6	380	2.26	20.3	3.0	<0.1	13.4	62	0.43	5.11	0.56	306	0.42	0.123
26693	Soil	1.09	17.91	13.52	128.0	66	15.1	8.8	319	2.43	10.9	1.1	<0.1	6.2	277	0.83	0.63	0.19	53	2.11	0.066
REP 26693	QC	1.12	18.43	14.07	131.9	66	14.7	9.2	321	2.39	11.6	1.1	<0.1	6.4	277	0.78	0.66	0.20	52	2.13	0.067
26728	Soil	29.16	147.3	19.17	49.5	109	75.8	30.4	737	10.31	41.3	7.0	<0.1	9.8	31	0.19	1.79	2.18	175	1.13	0.210
REP 26728	QC	30.92	148.2	20.39	50.4	99	75.4	31.1	733	10.13	42.3	8.5	<0.1	9.8	35	0.17	1.67	2.18	171	1.12	0.231
26743	Soil	1.75	29.14	106.3	181.6	99	29.2	34.1	953	5.46	91.1	2.6	<0.1	9.3	121	0.40	2.64	27.76	105	3.83	0.098
REP 26743	QC	1.69	29.10	106.1	187.3	38	27.8	32.9	946	5.50	91.7	2.6	<0.1	9.2	122	0.42	2.66	27.64	105	3.81	0.101
Reference Materials																					
STD OREAS24P	Standard	1.44	50.01	2.72	109.9	45	151.3	44.1	1091	7.27	0.6	0.6	<0.1	2.6	363	0.13	0.10	<0.04	162	6.02	0.144
STD OREAS24P	Standard	1.50	52.18	2.44	106.4	27	159.0	48.2	1121	7.53	0.4	0.6	<0.1	2.7	385	0.13	0.10	<0.04	167	6.10	0.148
STD OREAS24P	Standard	1.56	46.41	2.76	112.1	62	139.0	44.1	1116	7.49	1.7	0.7	<0.1	2.7	385	0.12	0.08	0.08	165	6.03	0.136
STD OREAS24P	Standard	1.52	45.40	2.68	115.9	45	140.6	45.3	1136	7.47	1.3	0.7	<0.1	2.8	391	0.10	0.08	<0.04	166	6.12	0.139
STD OREAS24P	Standard	1.46	52.07	2.42	119.6	62	152.9	48.7	1162	7.56	0.6	0.6	<0.1	2.7	396	0.14	0.09	<0.04	162	6.11	0.157
STD OREAS24P	Standard	1.56	50.57	2.25	116.2	29	148.5	47.8	1166	7.38	1.5	0.6	<0.1	2.7	385	0.13	0.09	<0.04	163	5.91	0.154
STD OREAS24P	Standard	1.44	51.77	2.54	116.8	34	149.1	45.7	1097	7.48	1.5	0.7	<0.1	2.7	355	0.18	0.08	<0.04	162	5.91	0.135
STD OREAS24P	Standard	1.43	52.80	2.56	115.5	20	149.0	46.7	1109	7.40	1.5	0.7	<0.1	2.7	367	0.16	0.13	<0.04	164	5.95	0.125
STD OREAS24P	Standard	1.42	49.10	2.64	111.3	54	145.2	47.8	1124	7.48	0.9	0.6	<0.1	2.4	388	0.15	0.07	<0.04	166	5.81	0.146
STD OREAS24P	Standard	1.53	49.72	2.71	122.8	86	149.0	43.1	1146	7.59	0.7	0.7	<0.1	2.5	395	0.13	0.09	<0.04	172	6.00	0.149
STD OREAS24P	Standard	1.68	49.60	2.74	112.8	<20	166.5	52.2	1190	7.77	0.5	0.6	<0.1	2.6	374	0.10	0.08	<0.04	173	6.10	0.135
STD OREAS24P	Standard	1.60	48.56	2.83	111.2	<20	163.5	51.6	1169	7.68	0.5	0.6	<0.1	2.7	369	0.11	0.09	<0.04	169	5.95	0.134
STD OREAS24P	Standard	1.41	48.69	2.44	114.3	78	139.0	46.9	1125	7.51	2.0	0.6	<0.1	2.5	371	0.15	0.11	<0.04	166	6.09	0.138
STD OREAS24P	Standard	1.31	48.21	2.77	118.2	127	135.6	45.4	1096	7.56	1.8	0.6	<0.1	2.5	367	0.19	0.11	<0.04	162	5.99	0.138
STD OREAS24P	Standard	1.50	51.64	2.80	116.5	31	143.3	45.4	1111	7.60	0.9	0.6	<0.1	2.6	383	0.18	0.09	<0.04	164	6.04	0.138
STD OREAS24P	Standard	1.51	53.15	2.54	120.2	<20	149.5	47.5	1122	7.62	2.3	0.6	<0.1	2.5	387	0.16	0.08	<0.04	164	6.07	0.141
STD OREAS24P	Standard	1.55	46.62	2.58	117.0	<20	156.1	51.0	1175	7.41	1.8	0.6	<0.1	2.6	378	0.10	0.08	<0.04	164	5.81	0.135

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Project: True Blue  
Report Date: August 30, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

WHI10000225.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
Pulp Duplicates																					
26567	Soil	47.1	51	1.77	775	0.181	6.65	0.875	0.95	2.7	101.2	3.5	2	13.5	0.05	14.9	89.03	9.7	36.1	5.5	0.7
REP 26567	QC	50.1	52	1.74	783	0.177	6.38	0.814	0.92	2.9	98.3	3.5	2	13.3	0.04	14.8	91.76	9.8	34.9	5.2	0.5
26606	Soil	44.1	66	0.56	2651	0.271	5.89	0.571	2.71	1.5	87.6	2.4	2	10.7	<0.04	13.0	86.40	10.8	43.7	6.9	1.0
REP 26606	QC	45.2	66	0.58	2789	0.288	5.97	0.577	2.60	1.7	90.8	2.5	2	10.8	<0.04	13.1	88.40	10.9	42.9	6.5	1.0
26693	Soil	18.6	38	1.06	620	0.202	5.42	1.349	2.09	0.7	77.6	1.3	2	7.5	0.05	8.8	34.81	3.9	15.3	2.5	0.6
REP 26693	QC	18.0	38	1.06	607	0.204	5.94	1.320	2.10	0.8	77.9	1.4	2	7.0	0.05	8.8	33.04	3.9	15.1	2.4	0.5
26728	Soil	56.1	35	1.30	809	0.206	2.71	0.188	1.12	2.2	39.3	2.7	<1	4.6	0.22	8.6	80.55	6.3	19.9	2.4	0.4
REP 26728	QC	57.9	34	1.28	553	0.206	2.70	0.197	1.21	2.3	44.5	2.5	1	5.1	0.22	9.0	82.53	6.5	20.8	2.4	0.4
26743	Soil	31.4	42	5.82	793	0.230	4.47	0.831	0.95	1.7	86.6	3.2	1	5.8	<0.04	11.9	61.58	6.2	23.6	3.5	0.6
REP 26743	QC	31.3	42	5.73	817	0.233	4.50	0.846	0.97	1.8	84.5	3.0	1	6.2	<0.04	12.4	62.10	6.7	24.4	3.3	0.7
Reference Materials																					
STD OREAS24P	Standard	18.3	189	4.15	271	1.066	7.58	2.420	0.72	0.4	134.8	1.5	<1	19.5	<0.04	21.0	37.11	4.8	21.9	4.8	1.6
STD OREAS24P	Standard	19.1	205	4.25	271	1.126	7.79	2.487	0.69	0.4	136.2	1.6	<1	20.7	<0.04	22.2	38.95	4.7	23.3	4.5	1.5
STD OREAS24P	Standard	16.9	188	4.16	273	1.045	7.60	2.293	0.70	0.4	133.9	1.6	<1	19.1	<0.04	20.0	33.41	4.2	20.1	4.2	1.5
STD OREAS24P	Standard	17.6	195	4.24	288	1.050	7.76	2.347	0.70	0.5	138.7	1.6	1	19.0	<0.04	20.3	35.14	4.6	20.8	4.6	1.5
STD OREAS24P	Standard	19.3	209	4.22	293	1.084	7.97	2.485	0.71	0.4	142.4	1.6	1	20.3	<0.04	21.6	37.92	4.9	22.0	4.6	1.7
STD OREAS24P	Standard	18.5	197	4.28	289	1.059	7.86	2.421	0.69	0.5	143.7	1.7	1	19.5	<0.04	22.0	37.94	4.9	22.6	4.6	1.5
STD OREAS24P	Standard	18.0	196	4.08	281	1.072	7.52	2.275	0.66	0.4	133.2	1.6	1	19.0	<0.04	21.1	37.46	4.8	22.3	4.6	1.5
STD OREAS24P	Standard	17.1	213	4.11	271	1.073	7.69	2.310	0.68	0.4	128.8	1.5	1	19.2	<0.04	20.6	36.11	4.6	21.6	4.7	1.5
STD OREAS24P	Standard	17.5	177	4.06	284	1.051	7.91	2.395	0.69	0.4	135.9	1.6	1	19.7	<0.04	20.1	35.89	4.5	21.2	4.5	1.5
STD OREAS24P	Standard	18.6	190	4.16	296	1.101	7.95	2.439	0.74	0.4	142.7	1.8	<1	20.5	<0.04	20.5	37.26	4.5	21.4	4.5	1.5
STD OREAS24P	Standard	18.2	220	4.26	249	1.204	8.22	2.498	0.69	0.4	139.4	1.4	<1	18.6	<0.04	20.7	35.70	4.6	24.4	4.7	1.4
STD OREAS24P	Standard	18.0	221	4.18	250	1.191	8.02	2.473	0.68	0.4	138.3	1.4	<1	18.3	<0.04	20.4	35.40	4.6	24.3	4.9	1.4
STD OREAS24P	Standard	17.5	198	4.22	281	1.039	7.53	2.362	0.72	0.5	138.3	1.7	<1	21.0	<0.04	21.3	36.33	4.7	20.2	4.7	1.4
STD OREAS24P	Standard	17.3	199	4.12	289	1.022	7.34	2.310	0.70	0.4	138.4	1.7	1	20.1	<0.04	20.9	35.89	4.5	19.5	4.5	1.2
STD OREAS24P	Standard	17.7	196	4.10	267	1.077	7.83	2.352	0.66	0.5	137.4	1.6	<1	19.3	<0.04	22.8	37.39	4.8	20.7	4.6	1.5
STD OREAS24P	Standard	18.1	198	4.14	274	1.075	7.87	2.376	0.67	0.5	138.1	1.6	1	18.8	<0.04	22.6	37.01	4.9	21.5	4.5	1.4
STD OREAS24P	Standard	16.6	213	4.30	226	1.118	8.18	2.509	0.70	0.4	142.4	1.4	1	19.4	<0.04	20.1	33.58	4.2	23.5	4.7	1.4

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Project: True Blue  
 Report Date: August 30, 2010

Page: 1 of 2 Part 3

QUALITY CONTROL REPORT

WHI10000225.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	
Pulp Duplicates																
26567	Soil	3.8	0.5	3.2	0.5	1.5	0.2	1.6	0.2	2.39	31.7	43.1	0.9	17.42	5.4	18.92
REP 26567	QC	3.6	0.6	3.1	0.6	1.5	0.2	1.4	0.2	2.31	30.8	40.7	0.9	17.43	5.4	17.47
26606	Soil	4.7	0.6	2.9	0.5	1.4	0.2	1.7	0.2	2.39	16.3	84.5	0.5	8.40	4.1	17.93
REP 26606	QC	4.9	0.6	2.9	0.5	1.4	0.2	1.8	0.2	2.57	16.3	85.1	0.6	9.33	4.1	18.29
26693	Soil	2.2	0.3	1.9	0.3	0.9	0.1	0.9	0.1	1.96	24.7	60.6	0.4	7.21	3.5	15.81
REP 26693	QC	2.3	0.3	1.7	0.4	0.9	0.1	1.0	0.1	2.01	27.7	61.3	0.5	7.31	3.5	16.62
26728	Soil	1.8	0.2	1.5	0.3	0.8	0.1	1.0	0.2	0.96	7.6	77.8	0.4	13.40	5.3	8.58
REP 26728	QC	1.8	0.2	1.6	0.3	0.9	0.1	1.0	0.2	1.04	7.9	82.1	0.5	13.67	5.5	8.70
26743	Soil	2.4	0.3	2.2	0.4	1.2	0.2	1.6	0.3	2.27	20.4	41.1	1.1	32.45	2.5	10.73
REP 26743	QC	2.8	0.4	2.3	0.4	1.3	0.2	2.0	0.3	2.23	19.6	41.0	1.2	32.99	2.6	10.73
Reference Materials																
STD OREAS24P	Standard	4.9	0.8	4.5	0.8	2.1	0.3	1.8	0.2	3.24	8.5	20.2	1.1	18.72	0.8	19.16
STD OREAS24P	Standard	5.0	0.7	4.5	0.8	2.0	0.3	1.7	0.2	3.37	8.0	21.1	1.1	19.39	0.8	18.43
STD OREAS24P	Standard	5.6	0.7	4.6	0.8	1.9	0.3	1.7	0.2	3.47	9.0	19.5	1.1	18.70	0.8	19.84
STD OREAS24P	Standard	5.2	0.7	4.5	0.9	2.0	0.2	1.9	0.2	3.60	9.0	20.6	1.1	19.38	0.8	21.03
STD OREAS24P	Standard	5.2	0.8	4.9	0.9	2.0	0.3	1.8	0.2	3.45	7.7	20.2	1.1	20.91	0.9	20.41
STD OREAS24P	Standard	5.5	0.8	4.8	0.9	2.1	0.2	1.9	0.3	3.63	8.1	20.3	1.2	20.85	0.9	20.43
STD OREAS24P	Standard	5.1	0.7	4.6	0.8	2.0	0.3	1.7	0.2	3.38	7.7	19.8	1.1	18.73	0.8	19.28
STD OREAS24P	Standard	5.2	0.7	4.6	0.8	2.0	0.2	1.8	0.2	3.14	8.5	20.1	1.0	18.68	0.8	19.15
STD OREAS24P	Standard	5.0	0.7	4.6	0.8	2.1	0.3	1.7	0.2	3.28	7.5	19.8	1.1	18.77	0.8	18.32
STD OREAS24P	Standard	5.3	0.8	4.7	0.9	2.2	0.3	1.7	0.2	3.49	8.0	21.4	1.1	19.63	0.8	18.94
STD OREAS24P	Standard	4.9	0.7	4.4	0.8	2.0	0.2	1.7	0.2	3.58	8.3	17.8	1.2	20.93	0.9	19.98
STD OREAS24P	Standard	4.9	0.7	4.2	0.8	1.9	0.2	1.7	0.3	3.59	7.5	17.8	1.2	20.84	0.8	19.93
STD OREAS24P	Standard	4.9	0.7	5.0	0.8	2.2	0.2	1.8	0.2	3.44	7.5	20.3	1.2	19.46	0.8	19.53
STD OREAS24P	Standard	4.7	0.7	4.6	0.8	2.0	0.2	1.7	0.2	3.34	7.8	19.7	1.1	18.47	0.7	19.12
STD OREAS24P	Standard	5.2	0.7	4.6	0.8	1.9	0.2	1.7	0.2	3.32	8.1	22.6	1.1	19.94	0.8	19.34
STD OREAS24P	Standard	4.9	0.8	4.6	0.8	2.0	0.3	1.7	0.2	3.32	9.1	21.9	1.0	20.35	0.8	20.11
STD OREAS24P	Standard	5.3	0.7	4.9	0.8	1.8	0.2	2.0	0.2	3.51	8.1	19.2	1.1	20.60	0.9	20.30

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Great Western Minerals Group Ltd.**  
 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 30, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

WHI10000225.1

		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
STD OREAS24P	Standard	1.54	46.31	2.42	153.5	44	156.5	49.8	1119	7.87	1.6	0.6	<0.1	2.5	365	0.13	0.08	<0.04	170	6.24	0.137
STD OREAS24P	Standard	1.45	50.36	2.69	111.5	35	144.2	45.3	1060	7.12	0.6	0.7	<0.1	2.8	363	0.12	0.08	<0.04	158	5.44	0.128
STD OREAS24P	Standard	1.51	50.04	2.88	113.5	29	148.5	45.9	1087	7.31	0.4	0.7	<0.1	2.9	363	0.10	0.10	<0.04	164	5.58	0.127
STD OREAS24P	Standard	1.56	52.02	2.90	109.9	30	149.5	46.5	1161	7.74	0.8	0.7	<0.1	3.0	395	0.13	0.11	<0.04	168	6.01	0.134
STD OREAS24P	Standard	1.49	52.25	2.93	106.4	<20	150.9	46.9	1166	7.68	1.3	0.7	<0.1	2.9	395	0.12	0.09	<0.04	170	5.90	0.129
STD OREAS24P	Standard	1.54	54.03	2.77	120.5	<20	146.1	47.3	1137	7.41	<0.2	0.7	<0.1	2.7	376	0.15	0.10	<0.04	175	5.70	0.143
STD OREAS24P	Standard	1.51	54.20	2.70	122.4	<20	147.0	50.0	1112	7.37	0.8	0.6	<0.1	2.7	372	0.14	0.08	<0.04	174	5.64	0.139
STD OREAS24P Expected		1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83	0.136
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	21	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	2.5	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001



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Project: True Blue  
 Report Date: August 30, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

WHI10000225.1

		1T La ppm	1T Cr ppm	1T Mg %	1T Ba ppm	1T Ti %	1T Al %	1T Na %	1T K %	1T W ppm	1T Zr ppm	1T Sn ppm	1T Be ppm	1T Sc ppm	1T S %	1T Y ppm	1T Ce ppm	1T Pr ppm	1T Nd ppm	1T Sm ppm	1T Eu ppm
STD OREAS24P	Standard	16.2	211	4.09	211	1.148	7.91	2.469	0.69	0.4	140.3	1.3	1	19.0	<0.04	19.4	32.19	4.3	23.3	4.9	1.4
STD OREAS24P	Standard	17.0	195	3.94	256	1.043	7.88	2.376	0.64	0.4	133.1	1.5	<1	18.0	0.05	20.2	35.01	4.3	19.2	4.2	1.4
STD OREAS24P	Standard	17.4	203	4.02	258	1.043	8.02	2.437	0.66	0.4	134.4	1.6	1	18.6	0.05	20.2	34.60	4.4	19.5	3.9	1.4
STD OREAS24P	Standard	18.9	203	4.11	283	1.094	8.04	2.432	0.69	0.4	144.2	1.8	<1	20.1	<0.04	21.7	36.48	4.8	20.2	4.7	1.5
STD OREAS24P	Standard	17.8	204	4.13	280	1.103	8.04	2.454	0.67	0.4	139.6	1.7	1	19.8	<0.04	21.2	36.50	4.7	21.8	4.3	1.5
STD OREAS24P	Standard	18.0	206	4.18	270	1.052	8.14	2.388	0.69	0.4	134.0	1.6	1	18.8	<0.04	22.7	36.59	4.8	22.0	4.5	1.4
STD OREAS24P	Standard	17.9	200	4.08	270	1.064	7.99	2.422	0.67	0.5	130.9	1.5	1	18.2	<0.04	22.1	35.64	4.7	20.6	4.7	1.4
STD OREAS24P Expected		17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7	1.6
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	1.8	<0.1	<1	<0.1	<0.04	<0.1	0.26	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.10	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.33	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	15	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.18	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.10	<0.1	<0.1	<0.1	<0.1



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 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 30, 2010

Page: 2 of 2 Part 3

QUALITY CONTROL REPORT

WHI10000225.1

		1T Gd ppm 0.1	1T Tb ppm 0.1	1T Dy ppm 0.1	1T Ho ppm 0.1	1T Er ppm 0.1	1T Tm ppm 0.1	1T Yb ppm 0.1	1T Lu ppm 0.1	1T Hf ppm 0.02	1T Li ppm 0.1	1T Rb ppm 0.1	1T Ta ppm 0.1	1T Nb ppm 0.04	1T Cs ppm 0.1	1T Ga ppm 0.02
STD OREAS24P	Standard	5.4	0.7	4.8	0.7	1.9	0.2	1.9	0.2	3.29	8.3	17.9	1.1	20.13	0.8	20.23
STD OREAS24P	Standard	4.1	0.7	4.1	0.9	2.1	0.2	1.6	0.2	3.39	7.5	19.7	1.1	18.49	0.8	19.46
STD OREAS24P	Standard	4.7	0.7	4.3	0.8	2.0	0.2	1.7	0.2	3.40	7.8	19.9	1.1	18.48	0.8	19.46
STD OREAS24P	Standard	4.8	0.8	4.9	0.8	2.3	0.3	1.8	0.2	3.61	8.4	21.7	1.2	19.85	0.8	20.51
STD OREAS24P	Standard	4.2	0.7	4.9	0.9	2.2	0.3	1.8	0.3	3.68	7.7	21.4	1.1	19.81	0.8	21.01
STD OREAS24P	Standard	5.2	0.8	4.5	0.8	2.1	0.3	1.7	0.3	3.35	8.1	21.1	1.1	19.96	0.8	20.16
STD OREAS24P	Standard	5.5	0.7	4.6	0.8	2.0	0.2	1.8	0.2	3.23	8.1	20.6	1.0	19.04	0.8	20.05
STD OREAS24P Expected		5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	0.6	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	0.6	<0.1	<0.04	<0.1	<0.02



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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: August 06, 2010  
Report Date: August 30, 2010  
Page: 1 of 9

## CERTIFICATE OF ANALYSIS

WHI10000226.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-015  
P.O. Number  
Number of Samples: 213

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	213	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	213	Dry at 60C			WHI
1T	213	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
 Report Date: August 30, 2010

Page: 2 of 9 Part 1

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method Analyte	Unit	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
MDL		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
26820	Soil	5.48	5.46	8.67	68.6	<20	31.2	6.1	364	3.69	13.5	3.7	<0.1	15.3	78	0.28	1.40	0.82	169	0.75	0.171
26821	Soil	4.39	6.19	10.32	32.4	21	34.0	4.6	362	2.52	12.8	2.2	<0.1	12.3	92	0.21	1.14	0.36	269	0.52	0.170
26822	Soil	7.10	5.39	6.18	31.7	<20	71.6	6.9	338	2.12	24.3	2.3	<0.1	16.5	94	0.12	1.62	0.42	309	0.87	0.134
26823	Soil	4.75	9.17	9.07	45.6	<20	69.9	7.6	477	2.50	15.5	3.3	<0.1	19.4	161	0.15	1.35	0.42	217	1.22	0.170
26824	Soil	5.04	9.34	10.87	52.6	<20	40.2	7.2	423	2.41	12.8	5.1	<0.1	27.9	115	0.33	1.06	0.41	209	0.69	0.217
26825	Soil	4.63	9.73	13.45	57.0	<20	38.7	8.5	742	2.29	10.3	4.5	<0.1	31.9	141	0.33	0.97	0.36	222	0.92	0.236
26826	Soil	3.96	11.37	13.01	61.5	<20	70.6	10.4	462	2.46	18.1	5.9	<0.1	36.2	146	0.31	1.35	0.40	219	1.30	0.234
26827	Soil	5.14	10.65	13.59	72.8	<20	43.1	10.0	544	2.16	12.5	6.1	<0.1	33.7	107	0.54	1.16	0.48	184	0.75	0.167
26828	Soil	17.73	13.40	22.90	129.7	<20	60.2	12.6	930	3.01	14.1	10.3	<0.1	59.3	172	0.65	1.28	0.45	224	1.11	0.235
26829	Soil	29.61	20.55	35.36	176.1	<20	245.5	33.8	978	2.78	45.8	6.1	<0.1	23.1	136	1.07	1.76	1.04	168	1.00	0.242
26830	Soil	18.44	16.75	26.68	148.3	24	56.1	12.3	403	2.37	11.6	2.9	<0.1	15.9	165	0.52	1.16	0.37	173	0.79	0.172
26831	Soil	4.35	18.68	14.75	55.9	63	14.3	7.6	774	1.73	2.6	1.7	<0.1	6.1	398	0.16	0.54	0.38	73	1.43	0.092
26832	Soil	3.95	12.75	12.43	64.5	<20	46.5	8.2	774	1.56	16.7	1.8	<0.1	11.8	61	0.40	0.99	0.35	201	0.32	0.178
26833	Soil	6.54	32.81	16.25	156.8	<20	79.1	11.3	741	3.11	11.8	3.5	<0.1	24.1	246	0.31	1.14	0.69	201	1.12	0.122
26834	Soil	3.40	23.33	9.51	84.7	44	34.8	7.3	343	1.84	6.3	2.0	<0.1	8.3	279	0.23	0.79	0.44	155	1.01	0.094
26835	Soil	11.61	19.30	55.91	302.5	<20	178.2	24.6	694	3.02	28.6	6.3	<0.1	56.2	49	0.81	1.83	0.54	346	0.62	0.189
26836	Soil	1.99	6.85	9.89	42.1	<20	39.5	3.6	174	1.49	6.6	2.4	<0.1	12.4	59	0.18	0.73	0.38	252	0.28	0.122
26837	Soil	31.97	10.72	26.91	88.3	<20	68.4	10.0	1221	3.40	13.5	8.0	<0.1	61.1	125	0.53	1.88	0.47	281	0.79	0.131
26838	Soil	24.46	11.35	26.70	238.8	<20	71.0	8.2	1317	3.88	25.8	6.5	<0.1	59.8	59	0.78	1.31	1.08	258	0.54	0.182
26839	Soil	20.59	10.09	21.02	188.4	<20	58.3	6.3	431	2.51	20.7	5.9	<0.1	57.6	58	0.36	1.53	0.61	242	0.42	0.104
26840	Soil	60.78	32.93	94.61	232.1	<20	68.3	14.7	1840	5.48	27.1	8.0	<0.1	47.1	112	1.13	2.47	27.78	211	0.58	0.118
26841	Soil	34.26	18.26	43.34	390.9	<20	44.1	10.4	1652	5.43	17.0	10.7	<0.1	64.0	93	1.04	1.19	1.62	180	0.67	0.160
26842	Soil	26.79	26.85	26.76	169.0	<20	50.1	11.9	787	6.46	20.1	6.8	<0.1	40.2	64	0.40	2.11	3.41	165	0.50	0.075
26843	Soil	29.49	26.51	33.13	132.6	<20	29.1	4.6	1050	5.29	10.5	4.5	<0.1	22.4	35	0.49	1.92	1.54	92	0.70	0.063
26844	Soil	55.31	61.69	38.47	377.8	*	70.0	9.4	2837	7.27	21.3	6.8	<0.1	44.1	22	2.20	3.08	0.60	148	0.34	0.058
26845	Soil	5.01	6.50	7.31	31.5	<20	37.5	5.5	312	2.82	21.3	2.2	<0.1	13.2	78	0.13	1.20	0.57	277	0.50	0.080
26846	Soil	3.54	6.02	7.36	32.9	<20	40.5	4.7	329	2.21	11.6	2.2	<0.1	11.9	72	0.15	0.98	0.51	250	0.45	0.140
26847	Soil	3.05	7.77	9.81	29.4	<20	53.1	4.8	240	1.81	29.5	2.0	<0.1	12.6	81	0.15	1.14	0.48	258	0.46	0.148
26848	Soil	6.75	8.42	9.15	40.4	<20	52.5	6.9	384	2.67	21.1	2.8	<0.1	14.8	117	0.17	1.23	0.60	209	0.69	0.134
26849	Soil	11.38	13.42	15.40	81.5	<20	18.8	7.4	864	4.02	7.3	4.0	<0.1	15.9	99	0.33	1.05	0.91	91	0.54	0.137

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 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 30, 2010

Page: 2 of 9 Part 2

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	0.1
26820	Soil	56.5	52	1.44	1021	0.349	8.01	1.237	2.10	2.3	127.1	4.3	5	8.7	<0.04	21.0	114.7	13.1	52.8	9.0	1.3
26821	Soil	28.3	73	0.88	532	0.231	5.17	1.367	1.75	1.8	70.2	2.5	3	9.6	0.07	9.5	56.68	6.5	24.3	4.2	0.6
26822	Soil	35.0	78	1.07	472	0.330	6.46	1.624	1.58	2.3	71.4	1.6	3	11.5	<0.04	14.7	85.05	9.5	37.5	6.5	0.7
26823	Soil	41.8	77	1.26	587	0.399	6.70	1.865	1.42	1.8	85.7	1.4	3	10.4	0.04	20.4	102.8	11.2	40.9	7.2	0.9
26824	Soil	39.1	69	0.82	513	0.395	4.60	1.738	1.27	2.9	95.5	2.3	3	7.8	0.06	31.9	142.7	10.4	40.3	7.5	0.8
26825	Soil	42.5	81	1.04	611	0.376	5.80	1.915	1.33	2.3	85.3	2.3	4	11.1	0.08	29.9	125.3	11.6	46.1	8.1	0.7
26826	Soil	57.2	82	1.29	603	0.402	5.32	1.809	1.26	2.3	83.5	2.4	2	10.9	<0.04	46.7	179.8	16.6	67.7	13.2	1.1
26827	Soil	44.7	64	1.09	500	0.321	4.30	1.688	1.16	2.3	78.3	2.2	4	7.1	0.06	40.4	141.9	11.8	46.5	8.2	0.9
26828	Soil	93.0	72	1.21	520	0.348	5.19	1.592	1.34	3.1	90.3	3.2	6	11.5	0.08	60.6	394.2	25.2	94.5	16.7	1.4
26829	Soil	45.4	49	0.65	539	0.342	4.45	1.656	1.21	2.2	85.5	1.9	4	6.9	0.10	30.9	113.5	12.6	46.1	8.5	0.7
26830	Soil	30.8	59	0.55	543	0.335	4.97	1.886	1.44	1.5	80.1	1.2	2	7.2	0.07	12.2	72.75	9.6	36.5	5.8	0.6
26831	Soil	14.1	15	0.52	705	0.229	5.98	2.570	1.85	0.6	101.6	0.9	2	4.0	0.06	6.3	30.03	3.5	12.3	2.1	0.4
26832	Soil	14.6	54	0.32	328	0.238	3.87	2.356	1.06	1.8	52.8	0.9	2	5.4	0.09	7.6	35.87	3.9	16.3	2.7	0.3
26833	Soil	36.1	61	0.65	547	0.328	6.96	2.171	1.58	1.8	88.9	1.6	3	9.7	0.05	21.3	105.9	12.6	54.0	8.7	1.0
26834	Soil	18.7	34	0.58	504	0.256	5.98	2.458	1.48	1.6	87.9	0.9	2	6.0	0.04	7.6	41.52	4.6	16.0	2.8	0.5
26835	Soil	69.2	85	0.56	426	0.272	5.93	1.181	1.80	3.6	163.7	1.9	8	14.3	<0.04	60.6	238.8	26.6	118.8	23.2	1.3
26836	Soil	18.2	63	0.36	337	0.295	4.29	2.118	1.20	1.9	63.4	1.4	3	6.6	0.04	9.2	49.43	5.0	18.1	3.2	0.3
26837	Soil	86.1	56	0.60	429	0.288	5.58	1.080	1.76	3.9	110.3	3.8	4	8.3	<0.04	66.2	231.8	24.1	101.8	17.9	1.5
26838	Soil	68.3	83	0.50	449	0.245	5.16	1.318	1.63	3.5	96.3	3.2	5	10.6	0.07	50.8	268.1	20.7	83.5	16.1	1.1
26839	Soil	54.1	70	0.52	460	0.255	4.99	1.320	1.70	4.0	95.3	3.7	5	8.2	<0.04	42.6	206.8	14.0	54.5	10.6	0.8
26840	Soil	105.2	56	0.51	545	0.235	5.45	1.055	2.16	3.6	91.9	4.0	5	8.0	<0.04	67.1	246.5	28.2	107.8	19.7	1.8
26841	Soil	149.8	59	0.52	538	0.219	5.40	1.427	1.65	3.1	84.1	6.7	6	8.3	0.08	71.5	335.1	34.7	128.7	21.5	1.9
26842	Soil	99.6	43	0.79	719	0.362	6.94	1.299	2.83	6.2	57.9	18.8	11	6.6	0.09	49.0	322.2	19.6	67.4	12.4	1.3
26843	Soil	106.3	27	0.97	1056	0.160	9.81	0.831	3.55	4.4	53.3	9.3	6	4.5	0.06	72.7	157.9	24.3	93.5	16.9	1.7
26844	Soil	208.9	40	0.52	879	0.173	6.08	0.769	2.56	4.2	74.2	11.1	6	6.3	0.08	87.8	383.0	43.3	161.4	26.8	2.8
26845	Soil	31.0	74	0.80	557	0.280	5.35	1.067	2.13	2.1	67.4	3.3	3	9.5	<0.04	12.4	65.82	7.4	29.7	5.0	0.7
26846	Soil	22.7	76	0.85	559	0.267	4.73	1.340	1.61	1.9	60.9	2.2	3	8.2	0.05	9.4	49.09	5.7	21.2	3.8	0.5
26847	Soil	18.9	73	0.75	505	0.290	4.36	1.664	1.49	1.3	60.2	2.5	2	8.7	0.06	8.9	45.57	4.9	20.1	3.6	0.4
26848	Soil	30.9	65	1.03	580	0.370	5.08	1.765	1.50	1.8	61.1	1.8	2	8.6	<0.04	17.9	83.81	8.0	31.5	5.4	0.6
26849	Soil	65.8	50	0.67	581	0.447	5.03	2.063	1.73	3.3	53.7	3.4	3	5.6	0.07	26.5	154.1	15.7	57.2	9.5	1.1

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Project: True Blue  
 Report Date: August 30, 2010

Page: 2 of 9 Part 3

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
26820	Soil	7.5	0.9	4.7	0.8	2.0	0.3	1.9	0.3	3.32	17.2	69.8	1.7	32.58	2.8	23.40
26821	Soil	3.3	0.4	2.1	0.4	1.1	0.1	0.9	0.2	1.96	15.3	67.1	0.7	10.60	3.9	17.15
26822	Soil	5.2	0.6	3.1	0.5	1.4	0.2	1.5	0.2	2.12	19.6	63.2	1.1	19.54	2.9	17.35
26823	Soil	5.5	0.7	3.9	0.8	1.8	0.2	1.9	0.3	2.47	19.9	61.3	1.4	25.70	2.4	18.00
26824	Soil	7.2	1.1	6.2	1.2	3.0	0.4	2.7	0.4	2.54	14.9	62.4	4.5	103.5	1.9	17.22
26825	Soil	6.8	1.0	5.8	1.0	2.7	0.4	3.0	0.4	2.37	20.0	78.6	3.0	75.29	3.7	18.44
26826	Soil	10.7	1.6	9.4	1.7	4.5	0.6	4.3	0.6	2.30	27.6	52.1	4.5	110.4	2.6	17.55
26827	Soil	8.1	1.3	8.0	1.6	3.9	0.5	3.6	0.4	2.01	16.0	63.1	4.3	108.2	2.7	17.19
26828	Soil	14.2	2.1	12.7	2.3	6.4	0.7	5.5	0.7	2.33	31.4	67.9	7.7	158.8	4.6	22.16
26829	Soil	6.8	1.0	6.4	1.1	3.2	0.4	3.5	0.4	2.24	15.7	69.4	1.5	71.54	3.2	16.58
26830	Soil	4.0	0.5	2.9	0.4	1.3	0.2	1.3	0.2	2.27	14.5	64.5	1.3	26.21	2.1	14.44
26831	Soil	1.9	0.2	1.4	0.2	0.7	0.1	0.9	0.1	2.59	15.1	52.8	0.4	7.42	1.8	14.70
26832	Soil	2.3	0.3	1.5	0.3	0.9	0.1	0.9	0.1	1.45	6.2	48.6	0.8	19.66	1.7	11.81
26833	Soil	6.8	0.8	5.1	0.8	2.3	0.3	2.0	0.3	2.37	16.6	64.7	1.3	35.64	2.9	16.99
26834	Soil	1.7	0.3	1.6	0.3	0.8	<0.1	1.0	0.2	2.37	14.6	53.5	0.5	10.44	2.7	14.91
26835	Soil	17.3	2.3	12.7	2.2	5.4	0.7	5.3	0.8	4.12	35.3	101.0	4.0	108.2	5.9	19.95
26836	Soil	2.4	0.3	2.0	0.3	1.1	0.2	1.4	0.2	1.72	7.2	59.2	1.3	34.53	2.5	13.84
26837	Soil	15.4	2.2	14.1	2.2	5.8	0.8	5.8	0.6	2.65	12.7	75.6	5.2	165.1	3.7	19.01
26838	Soil	12.4	1.9	10.9	1.9	4.9	0.6	4.2	0.5	2.45	13.8	78.4	4.9	155.5	3.1	18.75
26839	Soil	9.2	1.4	8.5	1.5	4.2	0.5	3.4	0.4	2.27	11.6	78.8	6.0	177.1	3.2	19.12
26840	Soil	16.4	2.5	14.8	2.3	6.5	0.8	4.8	0.6	2.36	13.1	89.5	5.8	152.4	2.2	18.86
26841	Soil	17.7	2.5	14.9	2.6	6.6	0.8	5.1	0.7	2.02	20.0	94.5	7.9	176.7	2.6	23.26
26842	Soil	10.9	2.1	13.9	2.3	6.2	0.8	5.1	0.6	1.36	39.7	144.7	17.5	323.7	3.0	44.66
26843	Soil	15.0	2.4	15.1	2.8	7.2	0.9	5.5	0.7	1.22	55.1	141.7	6.6	147.4	6.7	48.62
26844	Soil	21.3	3.4	19.8	3.4	8.3	1.1	7.0	0.8	1.84	13.3	101.4	8.6	178.9	4.5	31.80
26845	Soil	3.9	0.5	2.5	0.4	1.2	0.2	1.3	0.2	1.90	11.3	72.7	0.8	15.28	3.9	16.35
26846	Soil	2.7	0.4	1.8	0.3	0.9	0.1	1.0	0.2	1.73	13.5	65.0	0.8	12.99	2.6	16.52
26847	Soil	2.6	0.3	1.9	0.3	1.0	0.1	1.2	0.2	1.72	11.8	64.9	0.8	14.59	2.1	17.61
26848	Soil	4.8	0.7	3.4	0.7	1.7	0.2	1.7	0.2	1.83	16.1	65.2	1.8	26.66	2.1	17.30
26849	Soil	7.5	1.1	6.4	1.1	2.7	0.3	2.5	0.3	1.48	15.9	95.1	5.8	119.4	2.2	21.97

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Project: True Blue  
 Report Date: August 30, 2010

Page: 3 of 9 Part 1

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	MDL	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
26850	Soil	7.77	10.25	13.64	75.8	<20	18.7	6.5	1477	2.30	6.5	4.0	<0.1	26.4	94	0.47	1.04	1.27	187	0.55	0.301
26863	Soil	1.37	14.54	13.77	108.7	<20	17.3	14.4	1167	4.88	80.8	3.4	<0.1	10.9	153	0.35	3.20	2.56	81	7.35	0.028
26864	Soil	1.68	22.11	10.89	75.0	62	9.2	11.0	613	2.59	9.4	1.8	<0.1	4.8	529	0.24	0.68	1.01	62	2.36	0.063
26865	Soil	1.91	24.04	13.21	81.8	<20	10.2	10.5	671	2.79	20.2	2.6	<0.1	8.6	355	0.17	1.41	1.77	52	2.39	0.114
26866	Soil	2.37	26.10	16.39	108.1	<20	14.6	20.6	1622	3.79	14.0	2.9	<0.1	10.6	341	0.31	1.00	2.25	58	2.05	0.108
26867	Soil	1.44	43.94	19.18	433.4	*	32.2	25.0	1075	6.08	8.2	57.0	<0.1	44.3	113	0.64	3.39	1.64	87	6.80	0.098
26868	Soil	1.71	28.42	23.71	354.8	*	22.7	11.9	682	4.75	9.4	17.4	<0.1	28.6	192	0.67	1.49	1.49	82	3.76	0.160
26869	Soil	7.36	20.62	12.24	80.7	<20	15.1	5.8	410	3.15	8.4	4.0	<0.1	14.6	159	0.32	1.07	0.64	149	0.90	0.212
26870	Soil	9.84	80.92	22.37	680.8	*	49.8	22.5	583	6.31	34.9	33.6	<0.1	21.5	130	0.56	2.08	2.61	101	2.28	0.123
26871	Soil	2.91	29.87	12.00	164.5	70	12.5	11.3	696	3.06	8.3	4.5	<0.1	7.2	425	0.41	0.90	0.82	56	2.48	0.102
26872	Soil	14.93	25.56	15.00	90.1	99	15.0	10.4	1188	2.89	5.4	2.4	<0.1	8.5	375	0.96	1.32	0.36	93	1.35	0.126
26873	Soil	84.33	114.8	32.23	411.9	166	126.2	32.5	524	6.93	22.1	8.7	<0.1	28.8	217	2.16	5.00	0.98	161	0.97	0.164
26874	Soil	1.99	15.18	7.98	81.8	107	3.1	5.1	357	1.70	1.5	2.0	<0.1	4.3	521	0.91	0.39	0.12	40	2.09	0.042
26875	Soil	1.82	15.77	10.09	51.6	90	3.9	5.1	404	1.87	2.3	2.0	<0.1	5.1	587	0.17	0.44	0.13	45	1.97	0.034
26876	Soil	5.35	15.60	9.55	54.5	86	3.7	4.7	392	1.81	2.7	2.3	<0.1	5.6	562	0.19	0.50	0.16	44	1.89	0.048
26877	Soil	13.62	54.49	51.00	805.0	*	84.2	24.7	589	5.90	26.9	20.7	<0.1	33.2	89	1.52	2.82	1.17	142	2.73	0.097
26878	Soil	9.14	16.93	19.57	133.8	<20	12.2	10.4	729	3.32	8.1	4.9	<0.1	16.8	261	0.69	1.41	0.81	125	1.97	0.122
26879	Soil	3.56	15.81	11.53	64.2	50	6.7	5.1	465	2.20	3.9	2.6	<0.1	8.4	451	0.19	0.69	0.31	67	1.64	0.104
26880	Soil	2.30	15.02	10.26	80.6	57	5.4	6.2	435	2.28	3.7	4.0	<0.1	9.7	489	0.32	0.71	0.37	60	2.12	0.097
26881	Soil	2.07	28.38	16.98	333.9	130	20.8	13.5	775	4.56	18.5	11.1	<0.1	25.9	215	0.39	1.77	2.07	74	4.21	0.094
26882	Soil	3.07	21.97	11.72	115.5	<20	14.6	9.4	783	4.12	15.1	4.9	<0.1	16.1	201	0.36	1.59	3.40	72	2.62	0.128
26883	Soil	1.47	16.06	8.96	55.4	124	3.8	6.1	468	2.02	2.5	2.1	<0.1	5.0	580	0.17	0.43	0.19	46	2.10	0.061
26884	Soil	2.38	16.61	15.62	102.8	75	13.9	9.6	1037	3.21	9.7	3.1	<0.1	12.2	252	0.32	0.96	1.23	70	2.61	0.115
26885	Soil	12.92	42.92	755.0	1143	1997	67.4	13.8	1993	5.56	90.7	11.3	<0.1	11.4	49	3.63	16.07	1.19	854	0.54	0.179
26886	Soil	8.67	29.83	457.6	841.0	481	38.1	8.6	1029	4.55	56.6	8.6	<0.1	10.9	175	2.01	10.47	1.52	523	1.74	0.156
26887	Soil	9.92	16.23	329.5	443.6	122	27.9	12.0	1148	5.90	56.7	6.8	<0.1	11.7	50	0.68	7.84	4.98	399	3.11	0.210
26888	Soil	4.69	12.54	25.33	151.1	<20	16.1	7.0	773	3.70	12.8	5.9	<0.1	20.9	148	0.76	2.23	1.38	151	2.06	0.144
26889	Soil	4.66	18.29	18.03	83.3	<20	16.1	8.4	808	4.69	13.1	8.3	<0.1	25.3	94	0.38	1.99	1.92	114	2.38	0.081
26890	Soil	3.57	14.73	34.81	127.2	*	18.7	6.1	363	2.53	18.5	7.0	<0.1	20.0	127	0.19	1.37	0.79	191	1.80	0.056
26891	Soil	7.44	14.72	25.02	117.9	*	17.2	15.2	1202	3.33	15.4	7.4	<0.1	26.3	166	0.26	0.99	0.96	137	1.75	0.118

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 30, 2010

Page: 3 of 9 Part 2

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
26850	Soil	51.5	71	0.55	502	0.341	3.81	1.206	1.32	3.0	61.9	2.6	3	8.3	0.10	29.0	129.9	12.1	45.6	7.4	0.9
26863	Soil	90.0	44	3.17	2538	0.420	6.07	0.732	1.04	1.8	155.6	7.3	2	4.9	<0.04	33.7	153.8	14.4	50.7	8.1	2.5
26864	Soil	15.9	12	0.97	817	0.337	6.58	2.762	1.95	0.8	125.8	1.4	1	5.0	0.05	8.4	32.90	3.6	13.2	2.4	0.6
26865	Soil	47.4	14	1.64	839	0.304	5.49	2.034	1.55	1.3	130.3	3.7	2	4.0	0.07	15.6	81.76	9.1	31.2	4.4	1.0
26866	Soil	32.9	21	1.55	826	0.305	5.65	1.938	1.56	1.4	137.3	3.4	2	4.1	0.06	13.1	66.64	7.0	25.8	4.1	0.8
26867	Soil	118.7	39	5.61	818	0.621	5.08	0.545	0.60	1.9	428.4	26.9	6	7.2	0.06	53.1	224.6	21.6	74.5	11.5	2.5
26868	Soil	70.1	37	3.82	1055	0.340	6.27	1.160	1.35	1.6	314.3	13.1	5	7.2	0.06	34.9	136.3	14.2	52.3	8.2	1.2
26869	Soil	55.7	41	1.12	1782	0.275	5.31	1.660	2.22	2.8	101.5	3.4	4	6.3	0.09	20.2	101.7	10.9	40.8	6.0	0.4
26870	Soil	61.1	48	4.32	2656	0.249	6.02	1.037	1.78	2.6	134.6	6.8	6	6.8	0.09	85.5	100.6	13.8	54.6	10.6	0.9
26871	Soil	24.4	16	1.61	1120	0.223	6.30	2.228	1.85	0.8	119.0	3.1	2	4.8	0.10	12.4	47.92	4.9	19.3	2.8	0.5
26872	Soil	160.9	23	0.63	950	0.229	6.32	2.113	2.01	1.7	119.8	2.2	2	5.4	0.05	11.0	240.0	19.2	56.1	5.7	0.7
26873	Soil	133.8	50	0.94	993	0.180	6.27	1.455	1.73	2.3	76.3	2.2	4	9.6	0.12	39.4	208.8	24.0	87.2	13.7	1.7
26874	Soil	11.6	5	0.58	760	0.180	6.14	2.656	2.03	0.5	107.0	0.7	1	3.9	<0.04	5.5	23.29	2.6	10.6	1.8	0.4
26875	Soil	15.4	4	0.62	885	0.209	7.23	2.987	2.47	0.7	127.7	0.9	1	4.2	<0.04	6.6	29.84	3.2	13.1	2.1	0.4
26876	Soil	16.9	5	0.60	899	0.197	7.07	2.870	2.36	0.7	130.1	1.3	1	4.2	<0.04	7.1	32.05	3.6	13.6	2.2	0.4
26877	Soil	192.6	55	2.74	1695	0.287	5.53	1.077	1.83	3.2	166.9	9.5	7	8.7	0.07	97.0	318.3	33.9	122.5	20.1	2.3
26878	Soil	74.1	32	1.49	1815	0.313	6.26	2.077	2.28	2.4	166.0	9.3	4	6.4	0.05	24.1	140.8	14.1	48.9	7.4	0.9
26879	Soil	28.2	13	0.82	1075	0.239	6.44	2.574	2.27	1.3	135.6	2.7	2	4.3	<0.04	10.9	53.19	5.8	21.8	3.4	0.4
26880	Soil	30.8	12	1.01	1098	0.262	6.67	2.513	2.17	1.2	169.9	4.5	2	4.6	<0.04	12.0	58.23	6.4	24.6	3.8	0.6
26881	Soil	53.4	31	4.23	957	0.317	5.84	1.186	1.18	1.8	248.3	15.0	4	6.0	0.05	29.7	104.9	11.2	44.5	7.5	1.1
26882	Soil	66.7	30	2.62	1102	0.232	5.63	1.372	1.40	2.1	213.4	6.1	2	4.9	0.05	21.7	118.4	13.0	49.2	7.6	1.1
26883	Soil	14.5	7	0.72	844	0.205	6.89	2.778	2.11	0.5	115.5	0.8	1	4.5	<0.04	6.8	29.18	3.3	13.0	2.1	0.4
26884	Soil	44.6	34	2.74	822	0.243	5.34	1.498	1.37	2.2	157.3	3.5	2	5.9	0.06	17.2	84.03	9.5	35.6	5.8	0.9
26885	Soil	47.0	65	1.07	4149	0.238	5.35	0.173	2.09	2.5	94.3	5.2	3	10.7	<0.04	25.7	84.19	10.1	40.1	6.8	0.8
26886	Soil	60.5	45	1.78	2504	0.245	5.73	0.836	1.91	2.3	108.2	4.7	2	7.6	0.04	19.3	104.2	11.8	43.3	6.2	1.2
26887	Soil	96.3	49	4.44	1990	0.260	4.96	0.313	1.34	2.8	211.0	8.7	2	5.6	0.05	16.3	174.7	16.7	55.7	6.5	0.9
26888	Soil	74.1	43	3.00	1132	0.276	5.41	1.170	1.59	3.3	258.6	5.2	2	6.4	0.05	23.1	148.6	15.6	58.3	8.4	1.0
26889	Soil	126.2	37	3.82	1014	0.253	5.22	1.023	1.26	2.8	260.6	7.8	3	4.4	<0.04	28.2	227.9	22.7	83.8	11.3	1.3
26890	Soil	53.4	36	2.83	1492	0.234	4.73	1.296	1.38	3.1	132.1	4.5	4	5.8	<0.04	25.8	98.39	11.1	42.3	6.6	0.6
26891	Soil	56.0	35	2.66	1612	0.254	5.17	1.482	1.48	3.0	140.2	4.9	5	5.3	0.06	29.3	110.4	12.6	46.9	7.7	0.7

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Project: True Blue  
 Report Date: August 30, 2010

Page: 3 of 9 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000226.1

Method Analyte	Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.04	0.1	0.02	
26850	Soil	6.1	0.9	5.4	1.0	3.0	0.4	2.6	0.4	1.77	8.9	64.3	5.0	96.76	2.0	15.97
26863	Soil	6.9	1.0	6.5	1.1	3.0	0.4	3.5	0.5	4.13	15.3	61.8	6.3	120.4	2.0	21.27
26864	Soil	1.9	0.3	1.6	0.3	0.8	0.1	0.8	0.1	3.42	16.1	44.7	0.6	10.53	1.3	18.44
26865	Soil	3.3	0.5	3.1	0.6	1.7	0.2	1.7	0.2	3.52	16.4	51.2	2.0	31.44	1.6	16.93
26866	Soil	3.2	0.5	2.8	0.5	1.4	0.2	1.3	0.2	3.69	14.0	60.5	2.8	54.28	2.1	17.43
26867	Soil	10.4	1.6	10.8	1.8	5.0	0.6	4.0	0.5	11.64	35.8	46.9	14.8	207.7	2.0	18.02
26868	Soil	7.5	1.0	7.1	1.3	3.5	0.5	3.2	0.4	7.76	38.5	62.3	6.4	102.3	2.7	18.82
26869	Soil	4.3	0.6	4.0	0.8	2.1	0.3	1.9	0.2	2.58	23.1	101.7	4.9	100.1	2.4	19.11
26870	Soil	11.9	1.8	12.3	2.4	7.1	0.8	5.4	0.8	3.17	55.7	94.0	4.7	103.1	5.1	20.64
26871	Soil	2.7	0.3	2.6	0.5	1.3	0.2	1.1	0.1	2.95	27.1	41.8	1.4	24.20	1.7	17.33
26872	Soil	3.8	0.4	2.5	0.4	1.1	0.1	1.0	0.1	3.15	19.5	71.0	1.4	27.33	2.9	19.00
26873	Soil	10.6	1.4	9.3	1.6	4.6	0.6	4.8	0.7	1.91	33.9	73.5	1.2	27.42	7.9	17.44
26874	Soil	1.5	0.2	1.2	0.2	0.6	<0.1	0.6	<0.1	2.88	18.6	36.8	0.4	5.34	1.1	15.46
26875	Soil	1.7	0.2	1.1	0.3	0.6	0.1	0.7	<0.1	3.32	22.0	46.7	0.5	7.70	1.3	17.96
26876	Soil	1.6	0.2	1.4	0.3	0.8	0.1	0.8	0.1	3.43	21.2	48.5	0.7	9.69	1.3	17.72
26877	Soil	18.8	2.7	18.1	3.3	8.7	1.0	7.3	1.0	4.22	46.4	94.1	8.1	137.8	3.8	19.34
26878	Soil	5.5	0.8	5.3	0.9	2.5	0.3	2.4	0.3	4.22	24.3	114.4	7.0	120.8	2.9	22.39
26879	Soil	2.4	0.4	2.2	0.4	1.2	0.1	1.0	0.2	3.44	22.2	56.5	2.3	43.50	1.7	18.48
26880	Soil	3.2	0.4	2.5	0.5	1.3	0.2	1.3	0.2	4.33	22.2	58.7	3.4	52.96	1.8	19.43
26881	Soil	6.8	1.0	6.7	1.2	3.3	0.4	2.5	0.3	6.47	37.8	51.8	6.2	92.49	2.0	18.34
26882	Soil	5.3	0.8	4.7	0.9	2.3	0.3	2.3	0.3	5.29	18.1	62.8	4.5	91.36	2.4	20.16
26883	Soil	2.1	0.2	1.5	0.3	0.8	0.1	0.8	0.1	3.20	20.4	40.5	0.4	6.63	1.2	17.85
26884	Soil	4.4	0.6	3.8	0.7	1.8	0.2	2.0	0.2	4.09	22.8	53.4	2.3	50.39	2.0	16.63
26885	Soil	5.8	0.8	4.5	0.8	2.2	0.3	2.2	0.3	2.63	35.6	109.5	0.7	12.62	5.5	15.11
26886	Soil	4.6	0.6	3.6	0.7	1.8	0.3	1.9	0.3	2.98	30.5	84.9	1.3	20.10	4.2	15.63
26887	Soil	4.5	0.5	3.0	0.6	1.5	0.2	1.8	0.3	5.28	28.0	95.1	3.0	50.35	4.3	16.53
26888	Soil	6.1	0.8	4.8	0.8	2.1	0.3	2.3	0.3	6.19	22.2	96.4	4.4	94.67	3.2	19.19
26889	Soil	7.3	1.0	6.5	1.2	2.7	0.4	2.9	0.3	6.66	19.8	60.8	8.9	174.0	2.8	21.12
26890	Soil	5.8	0.8	5.5	1.0	2.8	0.3	2.4	0.3	3.45	39.9	61.6	7.2	116.8	2.3	14.78
26891	Soil	6.3	0.9	9.0	1.2	3.1	0.4	2.7	0.3	3.65	37.3	67.4	10.0	168.9	2.7	19.59

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 30, 2010

Page: 4 of 9 Part 1

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
26892	Soil	9.86	29.12	27.16	346.8	<20	37.9	17.3	868	4.12	26.8	9.8	<0.1	33.5	95	2.39	1.64	1.31	142	1.93	0.142
26893	Soil	9.57	28.04	15.24	903.8	<20	56.7	11.3	463	5.40	9.9	5.8	<0.1	26.1	54	1.12	2.27	0.39	100	1.34	0.079
26894	Soil	7.44	39.97	15.66	280.5	88	32.6	7.1	504	3.35	5.9	8.1	<0.1	16.4	148	1.57	1.17	0.61	87	2.88	0.128
26895	Soil	5.21	9.34	17.15	54.7	<20	13.1	3.3	579	2.48	10.6	3.1	<0.1	16.9	125	0.11	1.39	0.31	120	0.44	0.156
26896	Soil	3.36	5.88	11.32	50.2	<20	16.4	2.8	256	2.35	9.3	3.1	<0.1	14.5	62	0.19	1.51	0.24	157	0.28	0.217
26897	Soil	4.39	4.87	16.25	51.3	<20	13.9	3.4	380	3.18	15.7	3.7	<0.1	20.7	54	0.18	1.95	0.46	91	0.27	0.168
26898	Soil	15.41	27.18	620.1	144.1	4137	14.8	3.6	512	3.01	16.7	3.5	<0.1	20.5	113	0.86	90.85	0.51	98	0.58	0.260
26899	Soil	8.94	9.80	13.85	52.4	<20	9.6	4.2	711	3.41	13.7	3.2	<0.1	17.9	164	0.19	1.51	0.50	65	0.85	0.181
26900	Soil	13.18	18.36	9.54	60.2	113	7.0	8.1	570	2.43	13.8	13.5	<0.1	5.6	577	0.21	0.83	0.15	62	2.45	0.118
26906	Soil	3.85	17.08	13.44	117.0	30	42.9	7.7	420	2.51	10.1	2.3	<0.1	16.2	279	0.30	0.91	0.43	185	1.17	0.116
26907	Soil	10.63	13.83	26.92	141.8	*	24.4	8.8	1545	2.51	4.1	6.2	<0.1	45.5	358	1.76	0.76	0.54	117	1.42	0.159
26908	Soil	17.01	13.16	12.90	132.7	52	54.8	20.3	2017	2.78	27.2	3.2	<0.1	20.7	70	1.38	0.99	0.48	218	0.70	0.173
26909	Soil	70.69	39.12	48.08	362.9	<20	78.5	11.2	2806	6.38	27.8	21.3	<0.1	210.9	114	0.90	2.02	1.69	212	0.71	0.151
26910	Soil	29.64	23.67	20.50	196.3	<20	42.9	8.0	794	3.73	23.0	7.2	<0.1	40.8	223	0.35	0.87	0.92	183	1.05	0.146
26911	Soil	33.12	25.79	35.82	204.9	<20	79.2	11.1	889	4.70	24.6	9.2	<0.1	48.1	102	0.50	1.41	3.15	183	0.75	0.100
26912	Soil	22.82	16.60	20.37	174.0	<20	31.3	9.4	1955	3.35	10.9	4.1	<0.1	34.4	251	1.34	0.81	0.64	123	1.19	0.173
26913	Soil	26.96	21.96	26.70	196.1	<20	53.1	22.9	1622	2.66	26.5	4.6	<0.1	29.8	53	0.76	1.40	1.30	204	0.35	0.169
26914	Soil	16.92	23.15	29.34	180.4	<20	52.9	13.2	694	3.11	29.8	4.6	<0.1	31.4	197	0.41	1.33	1.25	181	0.90	0.129
26915	Soil	24.87	14.86	33.26	133.4	<20	22.3	11.9	4431	2.57	7.7	3.7	<0.1	21.7	218	2.06	1.00	0.86	122	0.93	0.193
26916	Soil	24.66	13.84	20.57	118.3	<20	29.2	5.1	550	3.99	12.5	4.8	<0.1	31.2	51	0.36	1.55	0.88	151	0.50	0.075
26917	Soil	10.44	15.57	9.56	95.1	<20	43.0	4.4	351	1.81	12.9	2.8	<0.1	25.6	24	0.23	1.22	0.69	295	0.34	0.099
26918	Soil	10.23	56.30	16.04	84.6	<20	43.8	10.0	591	2.43	18.5	2.6	<0.1	18.7	47	0.27	1.37	1.76	238	0.34	0.108
26919	Soil	22.10	27.16	19.34	189.7	<20	37.3	8.6	553	3.30	18.4	3.3	<0.1	21.1	65	1.08	2.32	1.05	180	0.37	0.140
26920	Soil	8.09	19.57	13.46	167.7	<20	24.6	10.4	567	2.61	10.1	2.2	<0.1	12.1	321	0.59	1.00	0.59	146	1.33	0.117
26921	Soil	15.81	63.56	19.55	419.8	<20	73.2	14.9	929	3.96	29.8	2.8	<0.1	24.8	165	1.80	2.65	2.28	200	0.88	0.113
26922	Soil	17.73	12.02	13.59	55.1	<20	32.2	4.5	364	1.63	8.7	2.3	<0.1	24.5	46	0.23	1.28	0.62	262	0.30	0.082
26923	Soil	16.94	22.70	13.60	113.9	<20	64.3	9.1	325	2.21	16.6	2.4	<0.1	19.2	64	0.41	1.93	0.71	268	0.33	0.106
26924	Soil	25.28	47.56	10.13	71.3	111	74.0	14.7	313	2.63	24.9	2.5	<0.1	18.6	25	0.28	1.63	2.34	287	0.30	0.128
26925	Soil	9.69	64.22	15.02	226.1	<20	95.4	19.9	398	4.27	41.2	2.7	<0.1	23.1	23	0.86	2.34	2.32	294	0.38	0.155
26926	Soil	9.43	175.4	49.26	178.3	463	124.4	43.7	729	5.43	119.8	3.7	<0.1	19.1	26	0.89	4.28	3.94	288	0.40	0.164

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 30, 2010

Page: 4 of 9 Part 2

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
26892	Soil	69.0	44	2.63	1509	0.318	4.97	1.176	1.63	3.7	140.3	7.8	6	7.0	0.07	45.6	158.4	15.2	60.1	9.9	0.9
26893	Soil	80.8	36	4.37	1614	0.426	6.79	1.601	2.43	7.7	84.8	9.3	13	4.5	<0.04	52.1	222.2	23.5	92.5	14.6	1.4
26894	Soil	153.0	31	2.26	967	0.235	4.49	1.109	1.05	2.8	73.9	4.5	5	5.3	0.15	104.2	152.6	34.4	143.2	24.1	3.1
26895	Soil	60.3	23	1.53	505	0.302	7.62	3.031	1.81	4.2	98.0	4.5	4	5.8	<0.04	18.3	127.4	13.6	51.8	7.6	0.7
26896	Soil	54.1	32	1.89	452	0.337	6.63	2.565	1.62	4.3	91.7	4.0	4	5.9	<0.04	17.2	106.6	12.0	45.7	7.0	0.7
26897	Soil	80.9	22	1.88	472	0.270	8.21	3.187	1.96	4.3	91.4	6.5	5	5.0	<0.04	23.3	178.6	17.9	66.7	10.1	1.1
26898	Soil	84.8	23	1.65	460	0.246	7.44	2.779	1.70	3.1	97.4	4.0	4	6.0	0.08	21.3	183.7	19.4	74.2	10.9	1.1
26899	Soil	90.7	18	1.33	579	0.247	7.65	2.797	1.66	3.1	111.5	4.4	4	5.2	0.07	23.1	177.4	19.5	74.5	11.3	1.5
26900	Soil	18.4	10	0.92	752	0.256	7.40	2.539	1.87	1.0	110.7	1.0	2	5.2	0.07	11.1	37.06	4.5	18.7	3.3	0.6
26906	Soil	25.7	53	0.70	618	0.262	6.46	2.132	1.73	16.9	90.0	1.4	3	8.4	0.04	10.9	62.98	6.4	26.0	4.4	0.5
26907	Soil	64.4	28	0.61	611	0.195	6.06	2.356	1.54	2.1	108.9	4.0	7	6.1	0.08	29.6	171.9	16.1	62.4	10.1	0.9
26908	Soil	24.9	58	0.31	351	0.117	4.92	1.803	1.30	1.6	55.7	2.5	3	8.4	0.13	17.7	62.74	6.8	28.2	5.0	0.5
26909	Soil	353.1	71	0.61	583	0.294	5.89	1.547	1.77	3.4	101.0	20.0	11	11.4	0.07	135.9	485.6	84.6	339.6	56.9	4.0
26910	Soil	76.7	50	0.59	517	0.267	5.51	1.781	1.63	2.3	94.6	3.1	3	7.7	0.08	37.0	171.5	19.6	79.1	13.1	1.1
26911	Soil	96.2	72	0.62	537	0.312	5.61	1.450	1.67	4.5	101.0	8.4	5	8.1	0.05	55.8	224.8	22.6	90.1	14.3	1.3
26912	Soil	51.3	35	0.51	576	0.199	5.60	1.784	1.79	1.7	92.8	3.6	4	6.7	0.09	21.7	154.9	12.3	47.0	7.6	0.7
26913	Soil	48.0	63	0.39	425	0.207	4.04	1.185	1.63	3.9	70.7	3.7	4	6.5	0.08	25.3	115.1	11.5	46.1	7.5	0.6
26914	Soil	52.4	61	0.59	585	0.290	5.66	1.618	2.00	3.2	94.5	3.8	3	7.8	<0.04	26.2	153.5	12.6	50.0	8.0	0.8
26915	Soil	43.2	37	0.45	658	0.205	5.05	1.597	1.65	2.3	84.3	3.4	3	6.3	0.12	21.1	93.10	9.4	35.9	5.8	0.6
26916	Soil	84.5	50	0.63	667	0.201	6.15	0.958	2.73	5.0	62.6	6.5	5	5.9	0.04	42.6	150.5	19.5	74.5	12.3	1.1
26917	Soil	37.3	61	0.53	356	0.159	5.03	0.688	2.47	3.4	52.0	1.9	4	7.8	<0.04	26.4	70.64	10.6	41.9	7.1	0.5
26918	Soil	34.7	58	0.52	581	0.164	5.24	0.960	2.28	3.0	57.1	2.2	3	6.9	<0.04	13.7	73.73	8.6	33.9	5.3	0.5
26919	Soil	63.3	55	0.49	609	0.197	4.91	0.954	2.17	4.1	58.2	3.4	4	6.6	0.08	25.9	139.0	14.0	52.2	8.1	0.8
26920	Soil	26.5	34	0.71	630	0.319	6.38	2.070	2.00	2.8	94.0	2.3	2	6.6	<0.04	10.9	54.26	5.9	22.2	3.7	0.6
26921	Soil	43.0	45	0.72	535	0.259	6.21	1.261	2.17	3.4	73.4	2.8	2	8.0	0.04	23.0	91.62	10.4	40.7	6.9	0.9
26922	Soil	29.0	56	0.46	689	0.198	5.64	1.029	2.36	3.4	53.3	2.8	4	8.0	<0.04	13.2	55.88	6.7	25.0	4.1	0.5
26923	Soil	26.2	61	0.51	497	0.234	5.53	1.081	2.17	3.3	56.3	2.1	4	7.6	<0.04	11.4	62.87	6.4	24.7	3.6	0.5
26924	Soil	24.1	56	0.52	388	0.130	5.01	0.642	2.07	3.3	56.3	2.4	3	8.6	0.05	11.0	48.08	6.2	25.7	3.5	0.4
26925	Soil	43.5	65	0.62	562	0.105	5.38	0.931	2.27	3.7	71.8	2.0	3	9.8	0.09	14.3	80.38	10.4	40.0	6.1	0.5
26926	Soil	38.7	78	0.71	594	0.129	5.70	0.500	3.05	7.3	117.5	4.4	3	11.3	0.07	22.2	70.80	8.8	32.8	5.8	0.5

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Project: True Blue  
 Report Date: August 30, 2010

Page: 4 of 9 Part 3

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
26892	Soil	8.8	1.4	9.5	1.7	4.7	0.6	4.6	0.6	3.70	36.9	105.9	8.9	144.4	5.4	20.17
26893	Soil	12.0	1.7	10.9	1.9	5.0	0.7	4.9	0.6	2.41	41.8	112.2	10.2	310.0	6.8	36.28
26894	Soil	22.3	3.1	20.4	3.8	9.5	1.1	7.8	1.0	1.93	27.5	51.1	4.6	95.46	3.9	17.30
26895	Soil	5.6	0.8	4.9	0.8	2.3	0.3	1.9	0.2	2.56	31.1	70.5	6.5	112.3	3.0	28.21
26896	Soil	4.9	0.7	4.4	0.8	2.0	0.3	1.7	0.2	2.33	37.0	60.5	5.7	101.9	3.8	27.39
26897	Soil	7.6	1.0	6.6	1.1	2.7	0.3	2.3	0.3	2.22	33.1	72.3	9.8	174.7	3.8	36.53
26898	Soil	7.4	0.9	5.3	0.9	2.3	0.3	2.0	0.3	2.30	35.0	74.6	5.4	102.2	4.1	27.75
26899	Soil	7.8	1.0	5.9	0.9	2.4	0.3	2.3	0.3	2.73	22.4	73.8	6.6	117.4	3.4	29.54
26900	Soil	3.0	0.4	2.5	0.4	1.2	0.1	1.0	0.2	2.96	18.7	34.6	0.9	14.22	1.5	18.56
26906	Soil	3.3	0.4	2.4	0.4	1.1	0.2	1.2	0.2	2.50	17.0	55.9	1.1	26.21	3.3	17.29
26907	Soil	7.7	1.1	6.8	1.2	3.1	0.4	2.8	0.3	2.90	17.7	55.2	5.0	143.9	2.5	21.11
26908	Soil	4.2	0.7	4.2	0.7	1.9	0.2	1.8	0.2	1.49	7.3	56.4	3.0	57.18	2.1	15.46
26909	Soil	40.2	5.5	29.8	5.1	12.7	1.6	9.8	1.3	2.49	29.2	82.9	11.1	254.4	3.1	29.32
26910	Soil	9.0	1.3	7.6	1.4	3.3	0.4	2.9	0.4	2.47	20.1	57.7	3.9	106.2	2.4	18.77
26911	Soil	12.8	2.2	13.3	2.5	6.7	0.8	5.1	0.6	2.50	28.5	79.1	12.4	290.5	2.1	22.71
26912	Soil	5.5	0.8	4.9	0.9	2.5	0.3	2.1	0.2	2.38	15.3	56.4	4.1	94.57	1.7	17.82
26913	Soil	5.5	0.9	5.3	1.0	2.6	0.3	2.2	0.3	1.86	11.4	71.2	5.8	127.6	2.2	16.62
26914	Soil	6.0	1.0	6.1	1.1	2.8	0.4	2.5	0.3	2.50	17.0	68.1	6.0	140.0	2.1	19.39
26915	Soil	4.6	0.7	4.5	0.9	2.1	0.3	2.0	0.2	2.19	14.2	63.7	4.4	98.17	2.7	17.90
26916	Soil	9.3	1.6	9.7	1.7	4.5	0.5	3.5	0.4	1.48	27.6	99.1	6.9	146.5	3.0	30.53
26917	Soil	5.8	0.8	4.9	1.0	2.6	0.3	2.4	0.3	1.46	13.9	79.0	2.3	57.60	3.4	16.78
26918	Soil	3.7	0.5	3.0	0.6	1.5	0.2	1.5	0.2	1.55	12.4	69.9	1.9	40.06	2.7	17.77
26919	Soil	6.0	0.9	5.7	1.0	2.8	0.4	2.4	0.3	1.55	15.1	73.6	4.9	106.5	2.3	20.18
26920	Soil	2.5	0.4	2.1	0.4	1.1	0.1	1.1	0.2	2.60	16.6	53.5	1.6	34.68	3.1	18.10
26921	Soil	5.3	0.8	4.6	0.8	2.2	0.3	2.1	0.3	1.93	15.3	65.6	2.7	51.95	2.7	18.77
26922	Soil	3.0	0.5	2.6	0.5	1.4	0.2	1.5	0.2	1.51	17.0	70.1	2.3	72.19	3.9	18.87
26923	Soil	2.9	0.4	2.3	0.5	1.1	0.2	1.3	0.2	1.59	21.6	65.2	1.8	48.50	5.5	17.55
26924	Soil	2.6	0.3	1.9	0.3	0.9	0.1	0.9	0.1	1.49	20.0	66.5	0.4	8.60	2.8	15.56
26925	Soil	4.0	0.5	2.8	0.4	1.2	0.2	1.2	0.2	1.86	15.5	74.3	0.8	35.64	2.4	15.56
26926	Soil	4.5	0.6	3.7	0.7	2.1	0.3	2.1	0.4	3.03	16.3	99.0	0.3	7.71	3.3	15.62

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Project: True Blue  
 Report Date: August 30, 2010

Page: 5 of 9 Part 1

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
26927	Soil	16.30	284.9	74.69	72.6	690	82.8	47.7	387	8.45	200.9	19.4	<0.1	18.7	209	0.25	7.54	6.93	230	0.23	0.248
26928	Soil	8.06	124.1	49.26	165.9	<20	65.5	19.2	286	5.58	82.8	7.7	<0.1	39.0	140	0.67	3.67	3.28	162	0.74	0.218
26929	Soil	5.91	84.53	14.52	91.5	83	29.6	17.2	617	3.81	21.2	5.6	<0.1	15.6	135	0.75	1.77	1.26	131	0.56	0.392
26930	Soil	11.68	99.52	25.09	138.6	<20	62.6	22.2	1230	3.95	34.2	6.6	<0.1	65.7	49	0.60	2.84	1.81	230	0.26	0.316
26931	Soil	9.78	125.6	22.28	140.1	<20	44.4	18.5	428	5.92	34.4	9.6	<0.1	38.8	143	0.55	2.59	1.84	145	0.61	0.277
26932	Soil	17.43	63.84	41.02	225.0	212	53.6	30.2	4145	3.50	41.0	4.7	<0.1	26.8	154	2.96	2.50	2.12	134	0.87	0.365
26933	Soil	2.37	42.01	40.83	742.2	232	29.8	13.3	1098	4.14	9.6	1.9	<0.1	7.5	162	2.09	1.76	0.45	71	10.30	0.074
26934	Soil	2.28	31.52	52.80	276.6	173	28.7	11.9	1547	3.70	10.6	2.1	<0.1	8.2	131	1.26	1.78	0.36	79	3.15	0.113
26935	Soil	1.91	35.24	40.22	249.3	145	28.2	10.3	1759	3.79	10.1	1.9	<0.1	8.7	69	1.01	1.64	0.34	95	4.09	0.115
26936	Soil	1.25	77.18	31.73	183.5	204	26.5	9.8	801	3.62	10.2	1.7	<0.1	6.7	105	0.46	1.76	0.47	78	8.88	0.053
26937	Soil	1.03	108.4	18.88	197.9	249	37.5	15.6	737	4.80	10.7	1.5	<0.1	4.8	72	0.60	2.07	0.59	65	8.29	0.038
26938	Soil	1.09	117.5	20.35	213.4	208	22.6	7.9	663	4.64	14.3	1.3	<0.1	5.1	42	0.49	3.05	0.39	64	6.55	0.045
26939	Soil	4.87	31.75	25.26	109.7	<20	14.3	9.8	1043	4.07	15.7	3.4	<0.1	25.2	122	0.59	1.18	0.38	59	0.76	0.068
26940	Soil	4.25	11.50	38.97	125.4	<20	15.0	12.8	456	7.34	12.2	3.6	<0.1	27.9	68	0.48	1.53	0.58	120	0.35	0.115
26941	Soil	9.67	8.59	14.91	97.5	<20	6.8	3.5	301	5.25	4.8	3.9	<0.1	17.9	75	0.33	1.06	0.16	43	0.35	0.041
26942	Soil	8.29	20.27	41.00	112.8	<20	17.2	10.5	1157	4.48	11.1	3.8	<0.1	22.8	139	0.29	2.27	0.36	74	0.83	0.059
26943	Soil	6.09	21.18	30.04	113.7	<20	13.6	8.0	782	5.30	9.1	2.2	<0.1	10.5	140	0.25	1.02	0.44	75	0.90	0.039
26944	Soil	3.52	19.97	36.67	193.4	<20	13.8	7.4	1350	6.28	6.9	2.3	<0.1	11.6	110	0.47	1.03	0.33	53	0.76	0.047
26945	Soil	5.41	32.76	13.87	64.8	*	6.1	3.1	462	5.52	8.9	2.3	<0.1	11.2	51	0.25	2.62	0.72	21	0.17	0.069
26946	Soil	3.30	25.19	71.47	155.2	*	19.7	8.0	1120	5.33	9.4	3.2	<0.1	18.4	168	0.24	1.17	0.32	83	0.92	0.053
26947	Soil	15.06	61.27	9.78	69.4	*	5.1	4.5	2114	8.71	6.4	4.0	<0.1	35.7	47	0.28	0.79	0.43	29	0.20	0.044
26948	Soil	10.81	14.09	8.63	55.9	<20	5.5	9.3	301	3.38	3.0	3.1	<0.1	25.5	49	0.33	0.67	0.23	54	0.19	0.116
26949	Soil	16.55	16.08	29.27	59.3	<20	8.5	5.3	765	4.62	5.9	4.8	<0.1	23.8	71	0.25	1.17	0.55	64	0.19	0.060
26950	Soil	40.82	9.71	20.17	114.2	<20	5.2	2.4	992	3.88	7.8	5.1	<0.1	44.2	58	0.46	0.98	0.46	40	0.48	0.101
26951	Soil	5.74	9.61	12.66	61.2	<20	28.6	7.4	941	2.13	11.4	4.7	<0.1	28.4	83	0.49	1.04	0.76	184	0.49	0.289
26952	Soil	6.69	7.85	9.16	41.7	<20	41.3	5.4	338	1.96	18.4	6.5	<0.1	26.0	79	0.26	0.93	0.36	178	0.51	0.274
26953	Soil	6.45	9.08	15.80	67.2	<20	99.0	10.6	382	2.24	42.9	6.6	<0.1	26.6	116	0.33	1.60	0.82	199	0.73	0.202
26954	Soil	11.76	7.05	12.76	52.0	<20	53.3	6.7	292	1.68	18.7	7.5	<0.1	24.2	66	0.27	1.05	0.46	218	0.34	0.279
26955	Soil	11.14	13.73	24.79	72.2	<20	74.9	18.4	919	2.47	19.8	10.2	<0.1	37.7	90	0.32	1.54	0.52	224	0.54	0.198
26956	Soil	3.90	6.20	18.34	84.9	<20	61.0	5.3	316	1.73	15.0	3.4	<0.1	23.6	76	0.22	1.12	0.46	288	0.45	0.177

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 30, 2010

Page: 5 of 9 Part 2

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
26927	Soil	53.8	58	0.85	128	0.168	5.22	0.259	2.93	5.3	126.5	1.2	3	9.7	0.76	18.7	110.1	13.7	50.7	8.0	0.8
26928	Soil	129.0	68	0.62	595	0.275	4.60	0.827	2.08	5.0	100.5	2.5	4	8.1	0.25	34.6	234.8	25.7	90.3	13.4	1.1
26929	Soil	48.7	33	0.56	1312	0.245	4.07	1.226	1.61	3.2	85.9	2.2	2	8.9	0.21	15.4	97.19	12.0	45.5	8.1	0.6
26930	Soil	91.4	73	0.65	1900	0.257	4.24	0.377	2.72	11.2	97.2	5.1	6	9.3	0.12	33.9	195.2	24.7	96.3	16.4	0.8
26931	Soil	61.7	43	1.06	554	0.318	5.24	1.502	2.11	3.7	96.8	2.6	5	9.8	0.32	35.2	136.0	17.5	73.6	14.0	1.1
26932	Soil	56.2	53	0.71	1162	0.250	4.17	0.832	1.87	4.0	79.7	3.2	2	7.3	0.20	18.7	117.3	14.5	59.7	8.9	0.6
26933	Soil	44.2	48	6.14	1003	0.269	3.60	0.625	0.93	7.4	48.1	3.2	<1	6.4	0.08	22.1	72.70	8.7	33.4	5.1	0.9
26934	Soil	38.5	52	4.55	1444	0.286	4.17	0.802	1.26	2.7	57.9	3.3	2	6.9	0.08	27.7	67.75	8.4	33.0	5.4	1.0
26935	Soil	33.3	62	6.46	1193	0.317	4.26	0.550	1.18	1.8	56.4	2.7	1	7.7	0.07	29.4	59.40	7.5	29.8	5.3	0.9
26936	Soil	31.4	63	6.43	998	0.305	3.84	0.496	1.13	2.4	45.5	3.1	2	6.7	0.08	20.3	55.05	6.7	25.2	4.2	0.8
26937	Soil	38.3	61	8.72	1009	0.268	2.86	0.244	0.83	2.3	33.9	8.0	<1	5.2	0.06	17.7	58.72	6.5	22.7	3.5	1.1
26938	Soil	16.2	38	9.78	768	0.218	2.77	0.105	0.67	2.1	31.8	4.9	1	4.9	0.07	17.7	30.70	4.1	16.9	3.3	0.6
26939	Soil	101.3	41	0.67	988	0.306	5.92	2.090	1.66	1.9	109.1	3.8	2	6.2	0.07	22.3	301.6	20.9	72.3	10.9	0.8
26940	Soil	238.3	26	0.59	1528	0.675	7.98	2.119	3.07	4.0	152.9	10.5	11	11.1	0.16	36.9	605.0	39.8	142.6	19.8	2.8
26941	Soil	102.8	26	0.45	859	0.384	6.74	2.461	1.67	2.5	122.1	6.6	7	3.7	<0.04	33.1	238.1	22.6	84.8	13.2	1.4
26942	Soil	90.5	49	0.74	984	0.434	6.65	2.021	2.00	4.1	128.3	4.6	4	8.3	<0.04	27.3	195.7	19.6	73.8	11.9	1.5
26943	Soil	52.1	52	0.68	744	0.479	5.80	1.970	1.74	1.9	61.1	3.9	2	7.1	<0.04	16.7	102.3	11.6	43.5	6.7	1.1
26944	Soil	65.5	42	0.83	773	0.520	6.32	1.737	2.39	2.3	64.8	3.7	3	6.5	<0.04	24.3	134.6	15.1	56.7	9.7	1.5
26945	Soil	53.9	10	0.50	1061	0.311	7.92	0.466	4.08	18.5	52.1	8.1	9	2.8	0.17	18.9	116.0	13.7	53.1	8.4	1.3
26946	Soil	100.1	55	0.85	870	0.439	5.80	1.786	1.71	2.5	72.4	6.2	5	7.1	<0.04	37.8	197.7	21.7	79.0	12.1	1.6
26947	Soil	159.9	16	0.52	485	0.242	6.58	1.390	2.74	14.3	102.6	17.3	7	2.6	<0.04	38.2	350.8	35.8	133.1	21.1	2.3
26948	Soil	124.6	20	0.37	581	0.317	6.27	1.985	2.42	4.1	148.2	7.8	4	5.8	0.05	17.1	247.3	26.8	101.8	15.8	1.9
26949	Soil	99.6	17	0.49	983	0.408	6.73	0.471	3.27	8.6	144.0	7.1	6	6.5	<0.04	20.0	211.3	21.5	79.0	11.2	1.4
26950	Soil	76.3	23	0.37	618	0.334	6.20	2.685	1.53	11.1	120.2	7.6	5	4.4	0.07	30.2	137.9	12.8	43.7	6.8	0.5
26951	Soil	47.3	65	0.55	596	0.289	4.35	1.349	1.37	2.6	68.6	3.1	3	6.9	0.08	29.4	126.6	11.6	43.6	7.4	0.7
26952	Soil	43.2	59	0.65	464	0.250	4.32	1.380	1.26	2.1	68.7	2.4	3	6.9	0.09	29.0	118.8	11.1	45.0	7.6	0.6
26953	Soil	41.1	55	0.79	564	0.307	4.95	1.745	1.41	2.8	85.9	2.4	3	7.9	0.06	34.7	148.0	11.0	42.9	7.7	0.7
26954	Soil	29.3	61	0.50	402	0.282	4.23	1.731	1.21	3.1	96.2	2.3	4	7.3	0.08	26.6	62.24	8.0	31.0	5.6	0.5
26955	Soil	54.8	64	0.53	525	0.312	5.06	1.589	1.54	3.4	103.5	3.3	3	8.7	0.05	36.5	151.3	14.0	54.0	9.0	0.8
26956	Soil	34.1	60	0.52	434	0.270	4.85	1.695	1.47	2.3	76.1	2.0	3	9.6	0.04	17.6	90.18	10.0	39.7	6.5	0.6

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Project: True Blue  
 Report Date: August 30, 2010

Page: 5 of 9 Part 3

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
26927	Soil	5.8	0.8	4.1	0.8	2.0	0.3	2.1	0.3	3.03	11.3	84.9	0.5	15.70	4.8	13.84
26928	Soil	8.4	1.2	7.1	1.3	3.2	0.4	3.0	0.4	2.45	10.0	70.1	5.4	152.0	2.0	13.12
26929	Soil	5.1	0.7	3.8	0.7	1.8	0.2	1.7	0.2	2.14	8.3	62.1	2.1	54.89	2.4	18.30
26930	Soil	11.0	1.4	8.1	1.3	3.8	0.5	3.6	0.4	2.32	12.5	95.7	6.7	200.3	3.5	19.18
26931	Soil	10.4	1.5	9.2	1.6	4.3	0.5	3.9	0.5	2.38	12.5	91.8	5.8	130.6	3.1	23.59
26932	Soil	5.8	0.8	4.3	0.7	2.0	0.3	1.8	0.2	2.18	11.3	68.8	4.7	94.68	2.8	12.44
26933	Soil	4.2	0.6	3.6	0.7	1.8	0.3	1.8	0.2	1.35	17.0	41.8	0.7	11.03	2.7	8.87
26934	Soil	5.2	0.7	4.4	0.8	2.1	0.3	2.0	0.3	1.59	17.5	45.7	0.7	11.24	2.5	9.94
26935	Soil	4.8	0.7	4.3	0.8	2.3	0.3	2.2	0.3	1.65	24.6	52.8	0.8	13.26	3.2	9.86
26936	Soil	3.8	0.5	3.5	0.6	1.6	0.2	1.5	0.2	1.35	25.0	55.9	0.6	10.34	3.3	8.86
26937	Soil	3.3	0.4	3.0	0.5	1.4	0.2	1.3	0.2	0.97	21.2	69.3	0.5	8.96	4.4	6.85
26938	Soil	2.8	0.4	2.5	0.5	1.2	0.2	1.3	0.2	1.02	27.9	66.2	0.5	7.52	4.4	5.95
26939	Soil	6.5	1.0	5.4	0.9	2.2	0.3	2.1	0.3	2.65	20.0	65.0	3.5	71.65	2.6	18.54
26940	Soil	13.5	1.9	10.1	1.4	3.5	0.4	2.8	0.3	3.41	75.8	146.7	5.5	114.3	7.1	41.58
26941	Soil	8.6	1.3	8.1	1.4	3.6	0.4	2.9	0.3	2.83	25.3	74.7	7.7	157.8	5.5	37.42
26942	Soil	7.8	1.0	6.3	1.1	2.9	0.4	2.8	0.4	3.39	25.7	82.2	5.8	116.2	4.9	26.80
26943	Soil	4.9	0.6	3.9	0.6	1.6	0.2	1.6	0.2	1.78	25.5	97.0	2.9	56.06	4.1	21.99
26944	Soil	7.2	1.0	5.8	0.9	2.4	0.3	2.4	0.3	1.81	28.2	92.2	3.6	73.99	4.5	23.49
26945	Soil	6.9	1.0	4.9	0.9	2.3	0.3	2.1	0.3	1.24	38.5	134.7	4.8	112.4	11.9	36.71
26946	Soil	10.8	1.5	9.0	1.5	3.6	0.5	3.1	0.4	2.13	37.3	97.2	5.7	121.4	4.0	21.38
26947	Soil	16.1	2.1	11.8	1.8	4.7	0.6	4.3	0.5	2.55	67.2	142.1	9.7	196.0	7.6	49.36
26948	Soil	10.9	1.1	5.2	0.7	1.6	0.3	2.3	0.3	3.88	26.8	106.8	5.9	107.6	4.4	32.30
26949	Soil	8.2	1.1	5.3	0.9	2.4	0.3	2.6	0.4	3.96	60.0	133.1	5.3	107.9	25.7	33.88
26950	Soil	6.5	1.1	7.6	1.4	3.9	0.5	3.6	0.4	3.10	24.4	118.4	9.1	178.1	3.6	32.10
26951	Soil	6.4	1.1	6.7	1.2	3.1	0.4	2.9	0.3	1.85	15.8	60.0	4.4	101.6	1.8	16.43
26952	Soil	6.8	1.0	6.1	1.1	2.9	0.4	2.8	0.4	1.70	19.9	57.0	3.2	82.27	2.0	16.36
26953	Soil	6.8	1.2	7.1	1.4	3.6	0.5	3.6	0.4	2.26	21.9	58.6	3.9	103.6	2.8	18.13
26954	Soil	5.3	0.9	5.7	1.0	2.9	0.4	3.0	0.4	2.37	15.1	62.1	4.0	105.1	2.3	18.09
26955	Soil	8.0	1.3	7.9	1.4	3.9	0.5	3.8	0.5	2.70	19.1	68.4	5.6	143.2	2.3	18.92
26956	Soil	4.8	0.7	3.7	0.6	1.7	0.2	1.8	0.2	1.92	19.0	72.6	2.3	72.30	3.9	15.50

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 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 30, 2010

Page: 6 of 9 Part 1

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
26957	Soil	8.00	7.60	9.31	53.8	<20	38.3	4.4	553	1.34	6.9	2.7	<0.1	16.5	63	0.28	0.93	0.42	261	0.30	0.293
26958	Soil	5.61	10.35	13.45	72.1	<20	37.5	4.2	570	1.70	8.5	2.5	<0.1	14.6	63	0.31	1.04	0.38	227	0.30	0.189
26959	Soil	21.73	8.76	25.85	49.5	<20	55.0	9.0	1153	2.96	11.5	6.0	<0.1	47.9	126	0.30	1.40	0.35	273	0.79	0.135
26960	Soil	11.92	9.37	11.60	84.3	<20	30.6	4.0	564	2.30	7.5	5.0	<0.1	46.6	123	0.24	0.78	0.45	245	0.56	0.121
26961	Soil	36.44	17.06	28.57	191.5	<20	65.0	7.3	1210	3.99	24.4	7.6	<0.1	61.9	89	0.56	1.38	1.29	218	0.67	0.142
26962	Soil	14.96	19.67	22.76	116.1	<20	23.1	9.3	1263	2.73	11.6	3.2	<0.1	16.7	343	0.39	0.85	0.57	106	1.17	0.131
26963	Soil	22.55	14.92	29.08	200.9	<20	39.8	8.2	1020	3.43	13.1	6.0	<0.1	38.7	189	0.63	1.14	1.03	180	0.70	0.172
26964	Soil	26.56	25.59	25.18	171.2	<20	37.3	7.1	754	4.47	16.8	5.5	<0.1	47.2	91	0.44	1.97	0.98	194	0.53	0.085
26965	Soil	16.61	18.24	19.59	120.3	<20	49.7	8.5	939	2.76	21.5	2.7	<0.1	21.9	29	0.69	1.54	1.31	224	0.31	0.099
26966	Soil	13.57	145.1	19.47	67.1	72	61.0	13.1	597	2.96	28.3	3.1	<0.1	26.9	30	0.30	2.08	3.79	226	0.29	0.089
26967	Soil	10.33	26.82	23.88	158.1	<20	47.9	11.4	358	3.09	21.5	3.1	<0.1	20.6	74	0.49	1.57	1.31	205	0.40	0.193
26968	Soil	20.94	41.91	25.35	2736	<20	36.2	5.7	683	4.65	21.1	3.8	<0.1	20.4	59	13.84	3.12	0.96	157	0.51	0.075
26969	Soil	5.57	15.34	10.98	174.4	<20	25.2	6.1	415	1.81	6.9	1.9	<0.1	12.3	261	0.56	0.87	0.59	130	0.94	0.114
26970	Soil	12.19	31.32	16.16	151.0	<20	49.0	11.2	614	2.38	16.8	2.1	<0.1	20.1	73	0.81	1.81	1.01	223	0.50	0.112
26971	Soil	8.34	28.58	16.44	110.6	<20	64.1	12.4	489	2.38	27.5	2.5	<0.1	19.4	57	0.37	1.71	1.41	236	0.40	0.165
26972	Soil	30.75	17.35	9.30	81.1	<20	50.3	7.0	427	1.92	15.3	2.4	<0.1	33.7	35	0.42	1.65	0.70	292	0.31	0.081
26973	Soil	30.48	54.49	11.10	181.8	84	76.0	22.0	382	3.86	38.2	2.3	<0.1	24.0	23	0.80	1.90	2.60	344	0.26	0.115
26974	Soil	9.64	73.25	18.46	239.0	143	114.4	20.9	415	4.00	50.2	2.5	<0.1	20.6	20	1.05	2.70	2.36	279	0.39	0.153
26975	Soil	11.05	88.02	19.89	74.2	213	136.3	47.8	652	8.31	78.4	4.3	<0.1	20.6	22	0.35	3.90	5.39	262	0.42	0.128
26976	Soil	9.97	176.1	34.53	174.5	293	117.3	58.1	470	6.08	168.7	3.4	<0.1	16.1	53	0.64	4.87	4.96	215	0.47	0.191
26977	Soil	9.23	152.9	37.49	251.2	324	91.0	50.1	756	5.71	99.7	3.7	<0.1	16.7	42	0.94	4.25	3.85	266	0.40	0.171
26978	Soil	6.20	120.8	55.71	258.0	150	64.9	21.3	397	3.56	66.9	4.5	<0.1	30.4	47	0.76	4.93	8.12	279	0.57	0.156
26979	Soil	7.43	95.43	36.65	216.4	<20	71.0	22.1	583	4.75	48.9	5.1	<0.1	31.8	163	0.85	3.76	3.09	178	0.83	0.132
26980	Soil	13.39	98.98	34.62	302.2	<20	155.2	27.4	992	6.24	64.1	12.0	<0.1	78.0	50	0.91	4.47	3.27	240	0.61	0.212
26981	Soil	12.58	120.1	24.54	163.4	72	145.1	19.1	259	5.24	64.0	3.6	<0.1	11.0	63	0.30	4.94	1.84	237	0.57	0.219
26982	Soil	2.86	21.37	17.41	74.7	78	29.3	12.2	565	3.51	11.7	2.7	<0.1	13.4	192	0.23	1.14	0.53	110	1.18	0.099
26983	Soil	2.68	19.66	14.62	66.7	36	24.9	9.3	525	3.20	10.6	2.7	<0.1	14.7	205	0.20	1.13	0.36	98	1.18	0.100
26984	Soil	5.05	19.00	16.47	75.3	143	26.8	12.6	592	3.33	36.9	3.2	<0.1	17.9	174	0.33	1.19	0.93	100	1.19	0.101
26985	Soil	7.26	29.91	18.19	78.8	50	23.1	14.6	633	3.28	53.5	4.4	<0.1	20.8	244	0.33	1.07	1.72	87	1.35	0.109
26986	Soil	6.13	21.16	15.89	63.0	97	8.6	8.8	568	2.51	30.7	2.6	<0.1	10.8	314	0.31	0.69	1.88	65	1.18	0.097

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 30, 2010

Page: 6 of 9 Part 2

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
26957	Soil	18.9	64	0.31	375	0.262	4.57	1.778	1.36	2.2	68.3	2.0	3	8.2	0.11	10.5	43.71	5.2	19.0	3.0	0.3
26958	Soil	16.8	62	0.32	383	0.249	4.32	1.330	1.31	1.7	56.2	1.6	2	8.1	0.08	9.1	37.95	4.3	17.1	2.8	0.3
26959	Soil	58.9	50	0.61	418	0.281	5.62	1.027	1.88	3.8	103.0	3.3	5	8.2	<0.04	56.0	164.0	18.8	79.5	14.8	1.1
26960	Soil	45.9	56	0.52	492	0.190	5.75	1.691	1.82	2.8	88.5	3.1	4	9.8	<0.04	31.3	149.8	14.2	55.8	10.0	0.8
26961	Soil	116.0	63	0.54	493	0.202	5.89	1.503	1.82	3.2	96.6	5.2	6	9.5	0.06	62.0	250.7	30.0	112.9	19.0	1.6
26962	Soil	30.7	25	0.52	646	0.252	5.85	2.274	1.91	1.7	101.6	2.8	2	5.3	0.05	16.9	68.19	7.5	27.1	4.6	0.6
26963	Soil	109.0	51	0.54	566	0.214	5.91	1.544	2.03	3.1	92.2	4.9	5	7.7	0.08	45.2	243.9	26.1	96.2	16.1	1.5
26964	Soil	136.0	48	0.61	700	0.205	6.49	0.987	2.79	4.2	72.5	7.9	6	7.4	0.04	62.2	210.5	33.0	123.5	19.2	1.8
26965	Soil	57.6	43	0.50	517	0.168	5.14	0.984	2.47	3.7	45.4	3.6	4	5.9	0.06	27.3	129.4	13.8	48.2	8.0	0.7
26966	Soil	49.5	43	0.50	543	0.132	4.95	0.587	2.33	2.6	47.7	2.1	3	7.1	0.09	19.9	108.5	13.7	51.1	7.7	0.8
26967	Soil	40.0	62	0.48	577	0.245	4.73	1.299	1.89	3.6	64.9	3.7	3	7.2	0.06	14.1	100.1	9.5	35.2	5.3	0.6
26968	Soil	93.4	39	0.60	867	0.182	6.95	0.719	3.27	4.2	63.8	6.9	5	6.5	0.07	59.1	154.8	21.8	79.8	13.3	1.8
26969	Soil	23.8	26	0.56	582	0.230	6.15	1.924	1.86	2.7	86.4	2.4	3	5.3	0.05	9.0	50.54	5.6	21.0	3.1	0.5
26970	Soil	38.1	39	0.51	476	0.195	5.54	0.963	2.08	2.8	52.0	2.3	4	6.9	<0.04	18.4	80.14	8.9	32.6	5.1	0.7
26971	Soil	33.0	57	0.54	567	0.200	5.26	1.055	2.05	2.6	68.5	2.0	4	8.7	0.05	12.0	77.38	8.7	32.7	4.6	0.4
26972	Soil	21.2	49	0.52	456	0.176	5.63	0.737	2.60	4.0	49.2	2.5	4	9.3	0.05	14.3	41.87	5.6	20.6	3.5	0.5
26973	Soil	45.4	74	0.74	419	0.115	5.56	0.761	2.54	3.5	60.3	4.4	4	10.7	0.05	12.4	88.24	10.8	39.3	5.9	0.6
26974	Soil	35.9	55	0.58	583	0.116	5.01	0.944	2.24	4.3	76.1	2.2	3	8.5	0.14	14.1	72.73	8.9	34.0	4.8	0.5
26975	Soil	26.7	66	0.78	572	0.106	5.45	0.517	2.56	9.9	110.1	5.4	3	10.2	0.34	17.3	53.50	6.5	24.7	4.2	0.5
26976	Soil	34.5	54	0.59	600	0.161	5.05	0.643	2.44	10.7	115.5	3.2	3	9.6	0.08	19.9	69.29	8.9	35.1	6.4	0.6
26977	Soil	32.2	65	0.72	1022	0.206	5.94	0.339	3.13	6.8	140.0	4.5	3	13.5	0.05	28.5	76.00	11.1	47.3	9.1	0.8
26978	Soil	17.3	76	0.77	2241	0.178	6.19	0.286	3.32	6.0	106.0	4.0	3	11.8	0.10	25.9	37.89	5.0	19.6	4.5	0.5
26979	Soil	87.6	65	0.72	1589	0.293	5.26	0.940	2.38	8.2	101.7	4.2	3	8.6	0.07	29.6	193.2	22.4	82.6	12.3	1.0
26980	Soil	224.8	208	1.88	2779	0.389	6.22	0.274	3.22	10.2	159.5	6.7	11	14.9	0.09	82.7	533.9	45.4	158.3	23.8	2.2
26981	Soil	192.5	187	1.61	2392	0.558	5.43	0.401	2.47	13.5	93.2	4.2	4	10.5	0.09	19.2	346.2	34.5	105.7	11.1	1.0
26982	Soil	41.6	65	0.95	960	0.500	5.89	1.811	1.84	4.0	63.4	2.6	2	9.7	<0.04	20.1	82.31	9.3	36.6	5.9	0.9
26983	Soil	38.0	59	0.84	954	0.465	5.62	1.828	1.88	5.7	61.7	2.4	2	8.3	<0.04	18.0	77.06	8.2	31.4	5.2	0.8
26984	Soil	48.7	64	0.83	930	0.532	5.23	1.676	1.92	10.3	72.5	3.2	3	9.1	<0.04	20.5	103.7	10.7	41.5	6.6	1.1
26985	Soil	60.7	57	0.79	962	0.514	5.88	1.989	2.20	35.5	86.5	2.8	3	8.2	<0.04	24.3	123.8	13.6	49.1	8.0	1.2
26986	Soil	28.8	28	0.60	807	0.405	5.44	2.189	2.04	18.3	100.4	2.4	2	5.4	<0.04	11.5	58.42	6.3	23.7	3.5	0.6

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Project: True Blue  
 Report Date: August 30, 2010

Page: 6 of 9 Part 3

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
26957	Soil	2.4	0.4	2.1	0.4	1.2	0.1	1.4	0.2	1.87	11.4	68.3	1.6	43.43	3.4	14.20
26958	Soil	2.3	0.3	1.9	0.4	1.1	0.1	1.1	0.2	1.63	10.7	63.1	1.1	36.91	2.6	12.96
26959	Soil	12.5	1.8	10.8	2.0	5.3	0.6	4.6	0.6	2.51	17.0	73.0	3.9	134.7	3.9	18.98
26960	Soil	8.5	1.2	7.0	1.2	3.1	0.4	3.0	0.3	2.27	18.4	72.6	2.9	90.22	2.9	19.06
26961	Soil	15.5	2.2	13.2	2.4	5.9	0.7	5.2	0.6	2.22	18.0	86.5	7.0	172.4	2.8	21.75
26962	Soil	4.0	0.6	3.7	0.7	1.7	0.2	1.6	0.2	2.50	18.3	60.8	3.2	90.43	1.7	18.81
26963	Soil	12.6	1.8	10.6	1.7	4.5	0.6	3.8	0.5	2.34	19.1	80.6	4.9	129.3	2.4	21.47
26964	Soil	16.4	2.4	13.4	2.4	6.2	0.8	4.7	0.6	1.65	25.0	115.3	7.7	168.2	3.0	29.80
26965	Soil	6.7	1.0	5.6	0.9	2.6	0.3	2.3	0.3	1.17	22.2	95.6	3.7	82.56	2.4	22.01
26966	Soil	6.4	0.8	4.6	0.8	2.0	0.3	2.0	0.2	1.21	12.3	79.7	2.3	55.22	2.6	17.30
26967	Soil	4.1	0.5	3.4	0.6	1.5	0.2	1.6	0.2	1.83	14.1	77.2	3.0	61.65	1.9	16.68
26968	Soil	13.2	2.0	12.3	2.3	5.5	0.7	4.9	0.6	1.58	22.5	118.8	6.1	127.1	3.4	35.51
26969	Soil	2.0	0.3	1.8	0.3	0.9	0.1	0.9	0.1	2.25	18.3	58.9	0.7	19.66	2.7	17.13
26970	Soil	4.3	0.6	3.8	0.7	1.8	0.2	1.6	0.2	1.23	13.4	71.2	2.3	47.59	2.1	16.74
26971	Soil	3.7	0.4	2.4	0.4	1.2	0.2	1.4	0.2	1.73	14.8	76.9	1.0	25.02	3.2	16.12
26972	Soil	3.1	0.5	2.8	0.5	1.3	0.2	1.4	0.2	1.33	21.2	89.0	0.9	30.50	2.9	17.64
26973	Soil	4.0	0.5	2.5	0.4	1.1	0.1	1.2	0.2	1.63	17.3	91.2	0.4	9.93	3.1	17.71
26974	Soil	3.6	0.5	2.9	0.5	1.1	0.2	1.3	0.2	1.97	19.0	87.8	0.6	16.96	2.2	15.19
26975	Soil	3.7	0.5	3.0	0.5	1.6	0.2	1.7	0.3	2.59	16.5	99.8	0.4	7.52	2.8	15.57
26976	Soil	5.3	0.6	3.7	0.6	1.9	0.3	2.3	0.4	2.68	15.3	91.5	0.4	7.66	2.6	13.49
26977	Soil	7.4	1.0	5.7	1.0	2.7	0.4	3.2	0.5	3.37	15.5	112.8	0.5	11.71	6.2	18.75
26978	Soil	4.7	0.8	5.6	1.1	3.1	0.4	3.2	0.4	2.40	15.0	119.5	1.4	59.44	4.0	17.67
26979	Soil	9.5	1.2	6.5	1.0	2.8	0.3	2.6	0.4	2.42	15.9	85.9	2.2	94.83	2.0	15.46
26980	Soil	20.0	2.7	16.7	2.8	7.2	0.9	6.1	0.7	3.32	32.0	153.7	6.7	221.2	6.6	27.66
26981	Soil	6.4	0.8	4.2	0.7	1.9	0.2	2.0	0.3	2.44	14.6	80.5	1.1	23.02	5.3	24.51
26982	Soil	5.6	0.8	4.5	0.8	2.1	0.3	2.2	0.3	2.09	24.8	83.8	2.1	30.37	3.0	16.13
26983	Soil	4.9	0.7	3.7	0.7	1.9	0.3	2.0	0.3	2.02	21.3	86.5	2.2	33.22	2.6	15.66
26984	Soil	5.7	0.8	4.8	0.9	2.4	0.3	2.5	0.4	2.55	23.3	80.6	2.9	44.78	2.6	14.77
26985	Soil	6.2	0.9	5.1	1.0	2.6	0.4	2.8	0.4	2.87	21.7	86.9	2.9	45.81	2.5	16.57
26986	Soil	3.1	0.4	2.6	0.5	1.3	0.2	1.4	0.2	3.13	17.8	71.5	2.0	30.14	1.9	17.01

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 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 30, 2010

Page: 7 of 9 Part 1

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T Mo	1T Cu	1T Pb	1T Zn	1T Ag	1T Ni	1T Co	1T Mn	1T Fe	1T As	1T U	1T Au	1T Th	1T Sr	1T Cd	1T Sb	1T Bi	1T V	1T Ca	1T P
Unit	MDL	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
26987	Soil	3.78	21.45	22.24	88.7	<20	17.9	9.6	446	3.69	35.0	3.9	<0.1	22.3	125	0.37	0.95	1.11	83	0.66	0.123
26988	Soil	2.13	17.55	18.09	69.2	<20	23.5	9.0	446	3.09	15.2	3.2	<0.1	16.2	174	0.28	1.03	0.41	93	1.10	0.101
26989	Soil	2.12	20.92	14.46	74.2	<20	23.2	9.3	439	3.30	7.6	3.3	<0.1	15.4	202	0.25	1.02	0.27	82	1.03	0.087
26990	Soil	3.69	19.70	24.38	78.2	123	18.1	9.0	570	3.68	7.9	4.7	<0.1	23.8	151	0.43	1.04	0.44	85	0.72	0.126
26991	Soil	1.94	19.20	19.31	67.3	<20	19.3	7.7	370	3.10	8.2	2.6	<0.1	11.6	172	0.31	1.06	0.31	93	0.80	0.080
26992	Soil	2.64	24.86	14.84	61.4	62	10.9	6.5	397	2.78	15.7	2.8	<0.1	12.3	294	0.24	0.83	0.83	63	1.14	0.079
26993	Soil	3.75	29.62	22.00	103.4	<20	20.5	9.3	593	3.50	17.3	6.3	<0.1	27.3	162	0.59	1.43	0.58	80	0.88	0.086
26994	Soil	2.29	23.38	29.07	108.0	38	21.7	9.6	625	3.02	8.8	6.0	<0.1	29.2	187	0.66	1.23	0.42	80	1.04	0.082
26995	Soil	3.72	21.26	58.64	126.3	169	19.6	8.2	682	2.99	9.2	5.2	<0.1	33.9	165	0.49	1.33	0.40	75	0.86	0.081
26996	Soil	4.76	28.55	96.96	514.3	196	22.7	8.4	1283	4.16	7.8	6.7	<0.1	30.3	167	1.03	1.30	0.31	78	0.89	0.081
26997	Soil	2.43	17.93	28.38	94.5	86	28.1	10.5	578	3.05	8.3	3.1	<0.1	17.0	198	0.32	1.24	0.20	94	1.19	0.086
26998	Soil	2.17	18.60	26.17	94.2	<20	30.0	10.7	581	3.13	9.3	3.8	<0.1	18.8	199	0.25	1.11	0.21	95	1.21	0.092
26999	Soil	1.81	18.72	52.15	120.4	65	30.7	11.6	642	3.24	10.5	5.0	<0.1	23.8	219	0.53	1.23	0.26	100	1.38	0.100
27000	Soil	1.61	17.38	20.18	73.0	<20	27.7	9.6	549	2.96	9.0	3.5	<0.1	21.0	238	0.30	1.19	0.16	91	1.38	0.095
27001	Soil	3.16	6.53	5.27	142.6	42	24.4	2.9	213	1.53	3.5	2.2	<0.1	11.2	150	0.33	0.73	0.15	307	0.60	0.108
27002	Soil	1.85	3.20	4.40	165.9	<20	34.2	2.5	187	1.50	2.7	2.7	<0.1	14.1	79	0.95	0.77	0.10	360	0.57	0.138
27003	Soil	2.95	7.04	6.77	67.4	34	34.3	5.9	364	2.28	3.0	3.2	<0.1	10.4	137	0.18	0.73	0.19	271	0.75	0.155
27004	Soil	1.60	6.76	8.92	59.9	55	56.2	8.3	502	4.07	4.7	2.3	<0.1	9.6	111	0.16	0.88	0.29	178	1.44	0.377
27005	Soil	4.11	4.91	7.27	30.3	39	26.5	4.2	584	3.29	4.6	2.6	<0.1	13.3	34	0.12	1.99	0.04	120	0.79	0.304
27006	Soil	3.41	2.47	3.75	51.5	<20	23.7	5.9	513	3.93	6.5	4.7	<0.1	9.3	90	0.13	1.06	0.06	180	1.65	0.630
27007	Soil	6.78	9.34	8.20	48.4	<20	19.2	5.9	433	3.01	10.2	4.6	<0.1	22.6	108	0.12	1.77	0.29	142	0.52	0.099
27008	Soil	4.41	10.48	8.73	50.3	<20	23.1	5.4	408	2.58	9.4	2.9	<0.1	16.7	87	0.13	1.68	0.27	168	0.52	0.122
27009	Soil	12.21	15.86	17.79	82.1	<20	10.4	10.2	2023	4.34	20.4	5.3	<0.1	32.9	107	0.53	2.77	0.38	27	0.53	0.103
27010	Soil	13.00	19.52	16.65	143.8	<20	9.0	9.2	1018	4.64	188.1	5.5	<0.1	39.5	84	0.70	8.38	0.20	45	0.62	0.137
27011	Soil	12.29	14.20	14.01	95.2	<20	11.5	12.7	1417	4.36	23.5	5.5	<0.1	30.9	118	0.70	2.42	0.35	40	0.51	0.095
27012	Soil	13.06	11.31	13.38	67.6	<20	11.3	5.3	534	3.91	7.7	4.8	<0.1	25.6	128	0.48	1.28	0.51	71	0.42	0.107
27013	Soil	16.58	8.22	10.01	51.1	<20	10.0	4.3	314	3.52	6.1	5.0	<0.1	24.9	71	0.34	1.10	0.55	74	0.29	0.127
27014	Soil	12.06	9.18	15.50	56.2	<20	7.9	4.3	436	4.49	7.5	4.4	<0.1	22.9	75	0.31	1.33	0.61	46	0.30	0.112
27015	Soil	16.83	16.40	21.80	73.2	172	13.2	9.0	795	5.73	7.5	6.5	<0.1	27.3	98	0.38	1.28	0.56	39	0.44	0.094
27016	Soil	19.57	9.68	12.56	34.9	<20	7.5	4.3	630	4.78	5.0	6.3	<0.1	31.9	73	0.29	0.93	1.02	15	0.33	0.066

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 30, 2010

Page: 7 of 9 Part 2

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	
26987	Soil	62.3	51	0.85	935	0.536	5.66	1.824	2.00	29.8	77.8	3.5	3	7.9	<0.04	22.1	128.0	13.3	49.6	7.3	1.0
26988	Soil	46.4	63	0.80	910	0.472	5.32	1.686	1.84	4.6	76.0	2.8	2	7.8	<0.04	17.5	97.97	10.8	40.6	6.4	1.0
26989	Soil	49.2	52	0.89	1039	0.457	5.79	1.969	1.86	4.1	67.4	3.1	2	7.9	<0.04	18.9	94.61	10.6	41.6	6.6	1.0
26990	Soil	67.1	52	0.75	1038	0.444	6.29	1.807	2.01	5.4	78.4	4.8	3	8.0	<0.04	20.1	130.9	14.5	52.8	8.4	1.1
26991	Soil	39.3	59	0.69	886	0.413	5.01	1.609	1.62	2.1	53.9	2.3	1	7.3	<0.04	13.2	76.58	8.4	30.5	4.7	0.7
26992	Soil	40.1	33	0.66	885	0.390	5.67	2.184	1.93	3.3	108.0	3.2	2	5.4	<0.04	12.9	79.33	8.9	32.5	5.0	0.6
26993	Soil	97.1	54	0.76	1144	0.466	6.37	1.928	2.12	4.8	95.0	3.6	3	8.0	<0.04	28.5	185.7	20.5	72.8	11.7	1.3
26994	Soil	105.2	51	0.75	1043	0.452	6.05	2.458	1.86	6.2	95.6	3.2	2	8.0	<0.04	27.1	203.5	22.3	77.4	11.2	1.2
26995	Soil	96.9	42	0.73	1009	0.394	6.58	2.230	1.93	3.5	101.3	3.5	3	7.6	<0.04	26.4	181.9	20.5	73.6	10.8	1.2
26996	Soil	75.9	57	0.70	971	0.388	6.37	1.809	1.87	2.1	91.8	3.3	2	8.5	<0.04	27.4	151.1	16.7	60.6	9.8	1.1
26997	Soil	53.5	61	0.87	1058	0.424	6.39	1.733	1.98	1.8	67.7	2.5	2	9.2	<0.04	17.9	112.1	12.5	46.3	7.1	1.1
26998	Soil	56.2	65	0.83	1040	0.426	6.34	1.850	2.06	1.8	78.4	2.6	3	9.2	<0.04	22.1	113.5	13.1	48.4	7.4	1.1
26999	Soil	70.0	69	0.88	1012	0.485	6.46	1.845	1.92	2.1	83.2	3.2	3	9.6	<0.04	29.8	134.7	15.7	57.2	9.9	1.3
27000	Soil	59.2	65	0.85	965	0.426	6.27	2.065	1.80	2.0	69.4	2.3	2	8.2	<0.04	21.8	117.3	12.6	46.6	7.5	1.0
27001	Soil	14.6	52	0.69	584	0.310	5.51	1.649	1.68	6.1	103.7	2.4	2	6.7	<0.04	9.4	30.53	3.5	14.1	2.4	0.3
27002	Soil	18.5	64	0.92	528	0.386	5.79	1.552	1.56	8.7	116.8	3.2	2	7.8	<0.04	14.0	39.19	4.9	19.3	3.1	0.3
27003	Soil	30.2	56	2.13	598	0.491	6.60	2.220	1.50	3.6	103.0	3.1	2	9.8	<0.04	13.8	67.77	8.3	32.0	5.5	0.9
27004	Soil	72.5	70	5.50	441	0.607	9.14	2.524	1.02	3.7	131.6	3.1	3	17.3	<0.04	26.1	156.5	18.6	75.8	12.7	2.7
27005	Soil	27.0	22	3.04	570	0.265	7.59	2.089	1.74	2.8	72.6	2.6	3	8.8	0.15	18.3	62.51	7.8	33.6	6.6	1.1
27006	Soil	110.6	21	5.43	436	0.483	10.03	3.396	1.13	3.4	58.6	3.1	6	16.0	<0.04	30.1	225.1	27.4	113.4	19.1	4.8
27007	Soil	71.8	31	1.92	788	0.327	7.13	2.811	2.00	2.7	112.4	3.6	6	6.4	<0.04	30.6	156.6	18.6	72.2	11.4	1.3
27008	Soil	74.0	34	1.87	558	0.372	6.58	2.648	1.95	3.1	112.3	3.9	7	6.4	<0.04	25.4	164.6	18.7	71.2	11.6	1.1
27009	Soil	139.9	11	1.45	456	0.365	7.15	4.076	1.72	3.4	145.6	4.1	9	3.2	<0.04	66.3	327.9	38.8	144.1	25.2	2.5
27010	Soil	105.2	16	2.83	491	0.285	7.04	2.293	1.84	2.9	118.4	3.5	11	4.6	0.06	63.1	204.3	29.8	117.0	19.6	1.4
27011	Soil	133.0	11	1.56	561	0.364	7.29	3.427	1.84	2.7	193.0	4.1	11	3.9	<0.04	66.5	304.2	38.1	147.3	24.7	2.4
27012	Soil	128.1	15	1.09	748	0.329	6.50	2.949	2.01	2.3	261.1	5.3	5	3.2	<0.04	36.0	315.0	31.2	116.9	18.1	2.2
27013	Soil	142.1	15	0.92	751	0.308	5.90	2.640	2.00	2.3	300.4	5.9	5	2.6	0.06	35.1	304.2	33.0	118.6	17.8	2.2
27014	Soil	128.7	14	0.85	753	0.252	6.56	2.267	2.16	1.9	277.7	6.3	5	3.1	<0.04	33.8	276.9	31.2	113.6	18.0	2.3
27015	Soil	103.1	13	1.15	746	0.202	7.10	2.195	2.67	1.6	252.4	4.8	7	4.0	0.04	41.9	223.6	25.8	93.5	15.8	2.4
27016	Soil	171.2	4	0.75	542	0.200	7.51	3.442	2.17	1.5	360.9	7.7	5	1.9	<0.04	41.0	345.2	38.9	135.7	21.4	2.3

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Project: True Blue  
 Report Date: August 30, 2010

Page: 7 of 9 Part 3

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.04	0.1	0.02	
26987	Soil	6.5	0.8	5.2	0.9	2.3	0.3	2.6	0.3	2.42	26.3	101.0	4.0	66.68	3.3	18.19
26988	Soil	5.5	0.6	4.0	0.7	1.9	0.3	1.9	0.3	2.28	19.7	72.4	2.3	37.96	2.4	16.03
26989	Soil	5.8	0.7	4.3	0.7	2.1	0.2	2.1	0.3	2.10	23.0	73.2	2.2	36.67	2.7	17.76
26990	Soil	7.2	0.9	5.1	0.9	2.4	0.3	2.3	0.4	2.49	25.1	83.0	2.7	43.83	3.0	20.84
26991	Soil	3.8	0.5	3.0	0.6	1.4	0.2	1.5	0.2	1.82	18.9	65.1	1.5	23.90	2.2	16.00
26992	Soil	4.0	0.5	2.9	0.5	1.5	0.2	1.6	0.2	3.07	23.4	63.8	2.2	37.30	2.3	18.03
26993	Soil	8.8	1.2	6.6	1.2	2.9	0.4	2.9	0.4	2.78	25.3	82.7	3.8	62.45	4.0	18.92
26994	Soil	9.3	1.1	6.7	1.1	3.1	0.4	3.1	0.4	3.12	26.2	70.7	2.8	46.01	2.7	18.33
26995	Soil	7.9	1.1	5.9	1.0	2.9	0.4	3.1	0.4	3.27	26.2	75.3	2.6	45.64	3.8	21.65
26996	Soil	8.4	1.1	6.0	1.1	3.1	0.4	3.2	0.4	2.86	18.6	73.6	1.9	31.85	3.7	19.37
26997	Soil	6.2	0.7	4.3	0.7	2.0	0.3	2.1	0.3	2.08	22.6	70.8	1.3	21.21	3.0	17.67
26998	Soil	6.7	0.9	5.2	0.9	2.5	0.3	2.5	0.3	2.52	18.7	71.6	1.6	26.13	2.8	16.95
26999	Soil	8.2	1.2	7.2	1.3	3.5	0.5	3.3	0.5	2.65	43.5	69.2	2.3	38.91	3.0	17.54
27000	Soil	6.7	0.8	4.8	0.8	2.6	0.4	2.5	0.3	2.22	23.9	64.7	2.3	37.98	2.6	17.29
27001	Soil	2.0	0.3	1.7	0.3	0.9	0.1	1.1	0.2	2.91	17.5	55.1	1.2	21.53	2.9	15.71
27002	Soil	3.1	0.4	2.5	0.5	1.4	0.2	1.5	0.2	2.89	16.4	56.1	1.7	31.53	2.6	16.49
27003	Soil	4.4	0.6	3.1	0.6	1.6	0.2	1.6	0.2	2.94	24.7	43.4	1.4	23.59	3.8	20.85
27004	Soil	10.6	1.2	6.0	1.1	2.2	0.3	2.1	0.3	3.22	32.0	39.8	1.2	24.94	6.9	28.48
27005	Soil	6.2	0.8	4.7	0.7	1.8	0.2	1.7	0.2	1.99	39.5	27.7	1.1	17.87	7.0	23.05
27006	Soil	14.6	1.7	8.2	1.2	2.6	0.3	2.1	0.2	1.35	28.6	31.1	1.5	26.21	8.1	33.13
27007	Soil	9.1	1.3	7.9	1.4	3.6	0.4	3.1	0.4	2.75	27.5	58.0	5.0	92.41	4.8	29.23
27008	Soil	9.4	1.1	6.7	1.1	3.0	0.4	2.6	0.3	2.73	24.0	52.0	4.5	85.68	4.6	26.63
27009	Soil	21.2	2.8	16.2	2.8	7.7	1.0	6.4	0.8	3.31	19.9	59.5	11.1	206.6	3.8	35.01
27010	Soil	16.3	2.3	13.7	2.4	6.5	0.8	5.6	0.8	2.70	40.3	95.9	7.5	186.4	11.7	40.88
27011	Soil	19.8	2.6	16.5	2.6	7.2	0.9	6.7	0.8	4.53	21.8	60.1	8.7	171.3	4.4	35.96
27012	Soil	13.1	1.8	9.4	1.6	3.9	0.5	3.9	0.5	6.02	19.9	64.5	7.2	140.2	2.2	33.62
27013	Soil	13.6	1.7	8.9	1.3	3.9	0.5	3.7	0.5	7.05	14.7	76.3	7.5	135.0	2.1	34.38
27014	Soil	13.9	1.7	9.1	1.5	3.7	0.5	3.5	0.4	6.23	17.0	75.2	4.8	94.97	2.4	37.44
27015	Soil	14.1	2.0	11.8	2.0	5.0	0.6	4.4	0.5	5.80	23.0	91.3	3.9	78.65	4.1	42.48
27016	Soil	15.7	1.9	11.2	1.8	4.4	0.6	4.4	0.6	8.72	12.4	75.9	9.3	167.7	2.4	41.21

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Project: True Blue  
 Report Date: August 30, 2010

Page: 8 of 9 Part 1

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Unit	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	
27017	Soil	30.12	8.98	17.73	92.0	*	12.1	4.4	372	4.94	11.0	7.9	<0.1	35.7	79	0.76	1.00	1.35	120	0.27	0.096
27018	Soil	27.85	8.50	10.53	44.9	159	9.1	5.8	846	5.80	5.4	6.5	<0.1	30.5	111	0.45	0.98	1.10	108	0.47	0.095
27019	Soil	10.28	9.67	16.88	71.8	146	5.8	4.1	701	5.42	9.8	3.6	<0.1	24.2	106	0.40	1.41	0.87	30	0.47	0.080
27020	Soil	10.97	7.99	15.53	103.0	143	4.0	3.1	856	6.05	12.8	4.0	<0.1	29.4	57	0.54	1.57	0.94	16	0.25	0.063
27301	Soil	2.11	14.77	26.67	71.4	71	8.5	6.6	590	2.32	5.6	3.5	<0.1	24.7	376	0.34	0.72	0.16	57	1.41	0.093
27302	Soil	2.06	14.71	38.34	97.3	20	21.0	8.7	502	2.90	9.0	4.8	<0.1	33.1	208	0.29	1.02	0.23	89	1.10	0.084
27303	Soil	1.54	13.16	24.34	71.6	44	23.3	9.1	499	2.90	9.2	4.2	<0.1	24.2	210	0.26	1.05	0.22	96	1.17	0.085
27304	Soil	1.67	15.68	48.73	124.0	52	24.4	9.4	556	3.07	9.5	4.5	<0.1	30.8	217	0.48	1.04	0.22	98	1.22	0.081
27305	Soil	1.58	12.96	22.99	70.0	52	22.6	8.5	476	3.04	8.8	2.7	<0.1	13.6	210	0.33	1.02	0.21	104	1.19	0.108
27306	Soil	1.58	14.23	34.72	80.7	38	22.6	8.7	463	3.19	10.0	2.8	<0.1	13.5	199	0.45	1.06	0.25	107	1.12	0.097
27307	Soil	2.31	11.32	26.49	120.7	<20	19.0	7.3	496	3.18	19.6	3.3	<0.1	17.9	177	0.36	1.02	0.21	91	0.97	0.067
27308	Soil	3.24	13.91	41.40	92.1	110	11.5	6.1	595	2.74	12.5	3.5	<0.1	22.3	212	0.46	0.89	0.24	80	0.87	0.121
27309	Soil	2.60	13.83	75.49	172.3	26	30.7	10.4	487	3.98	21.8	2.8	<0.1	21.1	113	0.65	1.13	0.29	98	0.64	0.098
27310	Soil	2.93	15.91	50.64	133.5	110	70.7	19.4	450	5.49	33.4	2.0	<0.1	11.1	98	0.30	1.12	0.79	128	0.46	0.122
27311	Soil	6.54	25.93	20.89	107.9	256	60.7	21.9	353	6.03	30.3	1.8	<0.1	9.8	75	0.34	0.93	1.06	97	0.32	0.121
27312	Soil	4.68	8.33	14.17	86.2	37	26.6	14.1	646	4.62	5.6	1.5	<0.1	11.2	90	0.28	1.80	0.24	188	0.35	0.081
27313	Soil	5.54	10.77	64.81	180.0	155	31.5	16.6	1311	4.52	12.7	2.4	<0.1	14.1	103	0.80	2.54	0.54	76	0.52	0.074
27314	Soil	4.34	19.09	722.9	1048	1583	34.0	13.1	1456	5.20	182.4	2.4	<0.1	14.3	118	3.15	2.96	0.51	89	0.66	0.115
27315	Soil	4.29	32.53	5939	1074	39640	32.4	13.2	1557	4.27	116.5	2.8	<0.1	13.8	169	3.02	16.71	0.40	82	0.92	0.054
27351	Soil	9.95	13.35	36.29	191.0	*	4.9	3.0	479	4.37	7.6	4.3	<0.1	29.5	72	0.38	1.01	0.53	46	0.47	0.051
27352	Soil	40.33	10.11	44.94	57.5	<20	3.8	2.0	332	3.15	5.2	4.2	<0.1	36.9	40	0.26	0.68	0.33	39	0.17	0.033
27353	Soil	13.11	35.79	13.12	130.8	<20	3.2	4.0	351	3.98	7.8	5.3	<0.1	37.6	58	0.24	1.25	0.55	37	0.17	0.028
27354	Soil	6.19	16.80	18.15	73.5	<20	5.6	5.0	777	5.26	5.2	14.3	<0.1	103.5	121	0.34	0.85	0.24	53	0.58	0.122
27355	Soil	2.78	26.61	28.38	75.0	98	8.4	9.7	508	3.50	2.2	2.3	<0.1	7.6	527	0.13	0.47	0.17	98	2.03	0.100
27356	Soil	2.22	15.85	17.42	55.7	171	4.6	6.1	400	1.99	1.7	2.1	<0.1	5.9	579	0.14	0.40	0.11	48	2.02	0.087
27357	Soil	8.37	23.19	125.5	179.4	142	6.8	6.9	480	3.19	6.2	3.3	<0.1	14.7	400	0.43	0.72	0.20	75	1.47	0.124
27358	Soil	3.00	16.11	48.66	66.2	152	2.5	3.5	461	1.48	3.7	2.1	<0.1	6.5	467	0.56	0.46	0.16	26	1.40	0.072
27359	Soil	7.93	14.66	49.98	159.3	*	4.4	3.3	312	2.62	3.8	4.8	<0.1	52.9	145	0.37	0.64	0.30	33	0.64	0.066
27360	Soil	5.48	24.96	12.87	79.5	64	6.1	6.5	436	2.85	7.9	8.4	<0.1	13.9	427	0.58	0.56	0.47	61	1.65	0.086
27361	Soil	1.52	22.66	8.96	48.4	121	3.6	5.5	376	1.71	1.8	2.3	<0.1	6.8	573	0.16	0.41	0.12	39	1.95	0.034

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Project: True Blue  
 Report Date: August 30, 2010

Page: 8 of 9 Part 2

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit	MDL	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
27017	Soil	188.5	11	1.27	968	0.119	7.34	1.333	2.64	1.5	378.0	7.0	5	2.7	<0.04	38.9	382.9	39.3	147.6	21.9	2.2
27018	Soil	159.9	7	1.44	1321	0.145	8.63	2.151	2.51	1.6	388.2	8.4	6	4.9	0.09	50.3	316.7	34.5	131.3	21.3	2.6
27019	Soil	152.4	7	0.92	692	0.160	6.84	1.865	1.95	1.7	246.3	5.3	4	4.1	0.04	31.9	308.1	32.9	125.9	20.0	2.6
27020	Soil	199.7	9	0.84	510	0.117	6.41	1.773	1.66	1.9	280.7	5.9	5	2.7	0.04	37.4	391.4	42.1	157.0	24.2	2.6
27301	Soil	51.6	19	0.63	797	0.243	6.53	2.440	2.00	1.4	109.6	2.4	2	5.5	<0.04	15.1	102.0	10.7	38.3	5.4	0.6
27302	Soil	91.3	50	0.78	930	0.321	6.37	2.210	1.87	2.1	85.1	3.2	3	8.4	<0.04	25.9	186.6	17.6	64.1	9.3	0.8
27303	Soil	77.6	56	0.87	962	0.326	5.90	1.900	1.84	1.8	69.6	3.4	2	9.1	<0.04	27.4	174.2	17.0	61.8	9.5	1.0
27304	Soil	94.2	58	0.86	935	0.347	5.93	1.969	1.77	1.8	76.4	4.0	3	9.5	<0.04	27.2	217.0	20.1	72.0	11.1	1.2
27305	Soil	39.4	71	0.86	903	0.334	5.40	1.647	1.71	1.5	66.4	2.4	2	9.4	<0.04	14.6	77.30	8.8	33.2	5.4	0.8
27306	Soil	38.1	64	0.87	1142	0.330	5.82	1.615	1.96	2.0	84.9	2.8	2	10.3	<0.04	15.3	76.07	8.5	32.9	5.2	0.7
27307	Soil	49.9	53	0.79	913	0.316	5.64	1.561	1.90	1.9	82.2	3.3	2	8.6	<0.04	14.6	100.1	10.4	39.0	6.3	0.8
27308	Soil	52.0	40	0.57	873	0.318	5.37	1.572	1.90	1.9	97.1	4.1	2	6.9	0.07	13.2	96.76	10.3	36.7	5.4	0.6
27309	Soil	73.5	84	1.18	1024	0.320	6.41	1.614	1.98	2.1	67.0	5.5	3	10.7	0.05	16.8	146.7	14.7	54.3	7.9	0.9
27310	Soil	44.5	114	2.36	665	0.291	6.72	3.119	1.42	1.7	89.6	2.6	3	15.0	0.22	13.1	88.93	9.6	39.4	6.2	1.0
27311	Soil	42.9	141	1.58	689	0.198	6.44	2.705	1.46	1.4	85.2	2.6	5	12.8	0.40	10.8	81.13	8.5	31.7	4.4	0.7
27312	Soil	51.5	64	0.85	1569	0.336	8.62	1.825	2.64	4.6	67.1	4.2	5	17.3	0.05	12.2	102.7	11.8	47.1	7.7	1.4
27313	Soil	63.6	63	0.91	1225	0.268	7.14	2.478	1.72	2.3	122.5	4.3	3	8.6	0.08	16.9	128.9	13.8	53.1	7.8	1.4
27314	Soil	62.6	96	1.07	975	0.279	6.89	1.821	1.80	2.1	105.5	4.6	3	10.3	0.08	18.4	124.7	13.0	51.6	8.1	1.5
27315	Soil	52.0	61	1.12	1310	0.292	6.84	1.796	2.14	2.3	116.3	5.2	3	9.4	<0.04	19.7	100.4	11.7	47.1	7.4	1.2
27351	Soil	111.8	24	0.43	1054	0.337	6.91	2.085	2.17	5.3	172.5	9.6	4	3.8	<0.04	31.0	212.3	20.4	77.8	11.2	1.0
27352	Soil	171.0	9	0.37	2415	0.217	8.58	2.641	3.71	4.0	178.1	12.3	4	3.4	<0.04	17.3	335.7	34.1	121.7	16.0	0.5
27353	Soil	56.5	13	0.29	1318	0.300	6.95	2.878	3.18	7.4	132.1	15.2	9	3.0	<0.04	22.9	108.0	11.2	40.3	5.9	0.4
27354	Soil	296.9	28	0.43	750	0.344	6.49	1.621	2.20	6.3	109.9	23.4	7	5.7	0.08	69.1	569.9	52.3	185.3	27.5	1.0
27355	Soil	23.4	18	0.92	826	0.411	6.58	2.496	2.03	1.3	123.5	2.6	2	6.1	0.04	11.1	44.91	5.4	21.3	3.2	0.6
27356	Soil	27.8	6	0.71	858	0.223	6.62	2.755	2.18	0.7	121.3	1.6	2	4.8	<0.04	10.5	37.70	6.1	24.6	3.7	0.6
27357	Soil	40.9	24	0.71	842	0.329	6.61	2.211	2.20	2.0	111.2	7.4	4	6.4	0.05	13.9	86.35	8.8	32.7	5.4	0.7
27358	Soil	20.8	5	0.33	903	0.156	6.31	2.604	2.31	0.9	123.1	1.6	2	2.6	0.05	6.9	35.51	4.5	16.6	2.4	0.5
27359	Soil	96.1	19	0.51	883	0.270	7.83	1.896	3.44	5.0	99.5	11.8	5	3.4	<0.04	21.4	229.6	20.2	70.6	9.9	0.6
27360	Soil	73.6	21	0.64	705	0.349	6.55	2.357	1.97	2.2	110.7	5.1	2	5.9	0.05	27.5	84.02	14.7	52.1	8.1	0.8
27361	Soil	22.9	4	0.61	788	0.224	6.62	2.951	2.23	0.6	110.5	0.7	<1	4.2	<0.04	10.7	42.10	5.1	18.5	3.1	0.5

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Project: True Blue  
 Report Date: August 30, 2010

Page: 8 of 9 Part 3

CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
27017	Soil	16.7	2.0	10.9	1.7	4.2	0.6	3.9	0.5	7.49	15.3	76.0	6.4	143.7	1.9	33.57
27018	Soil	17.9	2.3	13.1	2.1	5.0	0.7	4.4	0.6	8.12	20.9	70.3	5.1	92.65	3.5	45.79
27019	Soil	14.1	1.7	8.5	1.3	3.5	0.5	3.4	0.4	5.76	16.7	59.3	3.8	74.98	2.1	33.26
27020	Soil	18.1	2.0	10.4	1.6	3.7	0.5	3.3	0.5	6.01	16.1	56.2	4.0	88.64	1.6	34.25
27301	Soil	4.2	0.6	3.7	0.7	1.8	0.3	1.8	0.2	2.99	21.0	48.9	3.2	52.45	2.2	19.33
27302	Soil	6.7	1.0	6.2	1.1	3.2	0.4	3.1	0.4	2.58	21.5	58.4	4.3	72.04	2.7	20.22
27303	Soil	7.7	1.1	6.6	1.2	3.4	0.4	3.1	0.4	2.07	21.3	57.1	3.3	54.95	2.3	17.64
27304	Soil	9.5	1.2	6.9	1.2	3.2	0.4	3.0	0.4	2.35	25.3	58.2	3.3	54.90	2.5	17.83
27305	Soil	4.6	0.6	3.6	0.6	1.6	0.2	1.7	0.2	2.01	19.7	56.4	1.3	19.97	2.3	14.70
27306	Soil	4.2	0.6	3.4	0.6	1.6	0.2	1.8	0.3	2.41	20.5	66.6	1.8	25.65	2.4	16.00
27307	Soil	4.6	0.6	3.3	0.6	1.7	0.2	1.8	0.2	2.59	29.6	68.6	2.6	42.21	2.8	17.45
27308	Soil	4.7	0.5	3.1	0.5	1.6	0.2	1.6	0.2	3.10	19.0	72.3	3.0	49.96	4.1	19.78
27309	Soil	6.1	0.7	4.2	0.7	1.7	0.2	1.7	0.2	1.92	28.0	78.7	3.3	60.46	4.4	21.37
27310	Soil	4.5	0.5	3.3	0.5	1.5	0.2	1.4	0.2	2.14	31.1	58.0	1.5	25.16	3.7	21.72
27311	Soil	3.8	0.5	2.7	0.5	1.3	0.2	1.1	0.2	2.05	31.2	49.2	1.0	17.01	2.9	20.56
27312	Soil	6.0	0.7	3.8	0.6	1.2	0.2	1.2	0.2	1.59	47.0	77.6	2.1	32.84	17.7	30.77
27313	Soil	6.3	0.8	4.5	0.7	1.8	0.2	1.8	0.3	2.98	45.7	57.8	2.7	41.00	5.7	22.98
27314	Soil	6.8	0.8	4.5	0.8	1.9	0.2	1.9	0.2	2.56	41.5	74.8	2.1	34.62	6.5	21.57
27315	Soil	6.4	0.8	4.5	0.8	2.1	0.3	2.1	0.3	2.82	36.8	71.1	2.2	37.34	7.1	20.95
27351	Soil	8.5	1.2	7.4	1.3	3.6	0.4	3.2	0.4	4.24	25.3	101.7	10.4	184.3	7.0	37.34
27352	Soil	9.1	1.0	4.9	0.7	2.0	0.3	2.4	0.4	4.73	22.8	167.8	10.8	228.2	3.6	38.00
27353	Soil	5.4	0.8	6.0	1.1	3.0	0.4	3.3	0.4	3.43	14.8	170.6	21.3	382.4	4.7	40.82
27354	Soil	19.7	2.8	18.0	3.0	8.0	1.0	6.6	0.8	3.01	21.7	110.0	16.6	322.4	6.8	32.89
27355	Soil	2.7	0.5	2.8	0.5	1.2	0.1	1.3	0.2	3.14	20.5	48.0	1.9	30.54	1.8	22.66
27356	Soil	3.4	0.4	2.3	0.4	1.0	0.1	1.0	0.1	3.18	20.7	44.3	0.7	11.53	1.7	19.26
27357	Soil	3.9	0.5	3.3	0.6	1.7	0.2	1.5	0.2	2.99	21.9	75.8	2.6	45.98	6.0	22.52
27358	Soil	2.0	0.2	1.5	0.3	0.7	0.1	0.7	0.1	3.22	21.1	52.8	0.8	11.18	3.1	17.82
27359	Soil	7.4	0.9	4.8	0.8	2.2	0.3	2.4	0.3	2.55	40.2	151.0	15.2	270.0	5.9	34.34
27360	Soil	6.6	0.9	5.6	0.9	2.4	0.3	2.1	0.3	2.98	19.5	83.7	3.5	62.64	3.2	19.57
27361	Soil	2.5	0.3	2.0	0.3	1.0	0.1	0.9	0.1	2.92	18.4	45.2	0.5	7.05	1.2	16.97

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Project: True Blue  
 Report Date: August 30, 2010

Page: 9 of 9 Part 1

CERTIFICATE OF ANALYSIS

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Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001	
27362	Soil	4.54	47.06	58.72	141.6	*	8.4	6.9	388	4.10	64.3	7.2	<0.1	45.0	92	0.32	0.94	4.80	58	0.47	0.028
27363	Soil	9.56	13.00	169.6	135.0	*	5.6	5.1	397	4.91	39.8	5.0	<0.1	34.1	130	0.32	1.18	0.57	74	0.86	0.032
27364	Soil	23.79	19.39	23.95	91.1	<20	4.3	3.0	278	3.27	37.3	4.6	<0.1	27.9	76	0.21	1.37	0.75	48	0.33	0.055



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Page: 9 of 9 Part 2

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Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
27362	Soil	117.8	35	0.55	947	0.401	7.56	1.711	2.93	10.7	73.8	11.0	5	5.6	<0.04	38.6	210.5	21.4	72.3	10.7	0.8
27363	Soil	121.3	39	0.60	866	0.521	7.61	1.796	2.94	7.7	108.3	15.4	5	6.6	<0.04	35.0	217.7	22.7	80.1	11.2	1.0
27364	Soil	56.0	27	0.37	836	0.489	7.88	2.029	3.26	9.7	97.2	13.9	5	4.5	<0.04	25.8	110.0	11.7	40.7	6.6	0.5



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**Client:** Great Western Minerals Group Ltd.  
 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

**Project:** True Blue  
**Report Date:** August 30, 2010

**Page:** 9 of 9 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000226.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	
27362	Soil	9.1	1.4	9.0	1.7	4.6	0.7	4.4	0.5	1.97	41.1	141.6	9.7	178.0	9.3	33.35
27363	Soil	8.1	1.2	7.2	1.4	3.7	0.5	4.1	0.5	3.35	39.1	157.9	11.7	199.7	9.9	28.20
27364	Soil	5.5	0.9	6.1	1.1	3.4	0.5	3.5	0.5	2.91	25.7	159.0	14.0	234.7	5.8	35.65



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226 Cardinal Crescent  
Saskatoon SK S7L 6H8 Canada

Project: True Blue  
Report Date: August 30, 2010

Page: 1 of 2 Part 1

# QUALITY CONTROL REPORT

WHI10000226.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001	
Pulp Duplicates																					
26850	Soil	7.77	10.25	13.64	75.8	<20	18.7	6.5	1477	2.30	6.5	4.0	<0.1	26.4	94	0.47	1.04	1.27	187	0.55	0.301
REP 26850	QC	7.70	9.72	14.16	75.6	<20	17.7	6.5	1553	2.38	6.5	4.1	<0.1	33.9	100	0.56	1.06	1.34	184	0.56	0.316
26868	Soil	1.71	28.42	23.71	354.8	*	22.7	11.9	682	4.75	9.4	17.4	<0.1	28.6	192	0.67	1.49	1.49	82	3.76	0.160
REP 26868	QC	1.62	28.14	23.26	344.4	*	21.7	11.5	690	4.73	9.3	19.7	<0.1	27.0	190	0.62	1.55	1.44	82	3.82	0.162
26918	Soil	10.23	56.30	16.04	84.6	<20	43.8	10.0	591	2.43	18.5	2.6	<0.1	18.7	47	0.27	1.37	1.76	238	0.34	0.108
REP 26918	QC	11.01	61.94	16.25	100.9	<20	50.2	11.5	607	2.56	20.6	2.6	<0.1	18.9	49	0.30	1.46	1.83	256	0.33	0.113
26974	Soil	9.64	73.25	18.46	239.0	143	114.4	20.9	415	4.00	50.2	2.5	<0.1	20.6	20	1.05	2.70	2.36	279	0.39	0.153
REP 26974	QC	8.93	74.34	17.80	245.7	120	111.3	20.3	404	3.92	49.6	2.6	<0.1	20.0	19	1.03	2.67	2.24	274	0.39	0.157
26998	Soil	2.17	18.60	26.17	94.2	<20	30.0	10.7	581	3.13	9.3	3.8	<0.1	18.8	199	0.25	1.11	0.21	95	1.21	0.092
REP 26998	QC	2.12	19.02	27.38	89.9	42	29.7	10.6	581	3.15	8.9	4.5	<0.1	19.6	203	0.21	1.19	0.22	96	1.22	0.091
27311	Soil	6.54	25.93	20.89	107.9	256	60.7	21.9	353	6.03	30.3	1.8	<0.1	9.8	75	0.34	0.93	1.06	97	0.32	0.121
REP 27311	QC	6.75	26.39	20.41	115.5	134	63.4	22.4	367	6.11	31.3	1.7	<0.1	9.6	77	0.34	0.93	1.08	99	0.32	0.124
27363	Soil	9.56	13.00	169.6	135.0	*	5.6	5.1	397	4.91	39.8	5.0	<0.1	34.1	130	0.32	1.18	0.57	74	0.86	0.032
REP 27363	QC	8.82	11.88	161.9	132.7	*	5.4	5.2	389	4.78	38.9	5.2	<0.1	30.6	124	0.38	1.19	0.55	71	0.82	0.030
Reference Materials																					
STD OREAS24P	Standard	1.47	45.82	2.70	113.8	30	142.4	44.9	1147	7.65	1.7	0.7	<0.1	2.8	406	0.14	0.08	<0.04	169	6.19	0.140
STD OREAS24P	Standard	1.54	47.58	2.75	120.5	44	144.6	45.9	1174	7.70	1.6	0.7	<0.1	2.9	412	0.16	0.09	<0.04	172	6.25	0.142
STD OREAS24P	Standard	1.47	44.42	2.61	115.0	78	137.3	44.1	1130	7.54	1.5	0.7	<0.1	2.7	397	0.12	0.07	<0.04	167	6.08	0.140
STD OREAS24P	Standard	1.45	45.42	2.66	113.3	80	136.8	45.2	1134	7.43	0.5	0.7	<0.1	2.9	397	0.17	0.06	<0.04	167	6.07	0.138
STD OREAS24P	Standard	1.54	52.62	2.72	120.7	<20	145.8	47.0	1134	7.60	1.2	0.7	<0.1	2.8	371	0.15	0.09	<0.04	168	6.11	0.138
STD OREAS24P	Standard	1.54	54.28	2.65	117.4	<20	150.4	48.4	1123	7.56	1.2	0.7	<0.1	2.5	365	0.15	0.09	<0.04	166	6.03	0.139
STD OREAS24P	Standard	1.46	51.27	2.56	116.3	<20	143.2	46.7	1096	7.54	0.7	0.6	<0.1	2.6	381	0.15	0.08	<0.04	162	6.09	0.135
STD OREAS24P	Standard	1.41	50.21	2.57	110.8	28	142.6	45.4	1087	7.38	0.5	0.6	<0.1	2.7	372	0.15	0.09	<0.04	160	5.94	0.132
STD OREAS24P	Standard	1.43	51.60	2.72	112.8	69	145.5	46.6	1054	7.01	1.3	0.6	<0.1	2.6	339	0.09	0.08	<0.04	159	5.47	0.125
STD OREAS24P	Standard	1.54	51.81	2.61	117.3	33	147.7	47.6	1082	7.10	1.8	0.7	<0.1	2.7	355	0.15	0.05	<0.04	162	5.55	0.130
STD OREAS24P	Standard	1.59	56.98	3.14	123.9	<20	160.4	51.9	1167	7.81	0.8	0.7	<0.1	2.9	374	0.21	0.11	<0.04	170	6.30	0.131
STD OREAS24P	Standard	1.33	53.38	2.69	114.7	<20	152.5	48.1	1083	7.35	0.7	0.7	<0.1	2.7	362	0.23	0.08	<0.04	159	5.94	0.124
STD OREAS24P	Standard	1.57	54.49	2.67	117.8	38	147.4	45.8	1133	7.75	1.2	0.6	<0.1	2.6	394	0.16	0.09	<0.04	168	5.92	0.138



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Project: True Blue  
Report Date: August 30, 2010

Page: 1 of 2 Part 2

# QUALITY CONTROL REPORT

WHI10000226.1

Method	Analyte	Unit	MDL	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm	1T Eu
				ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
				0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
Pulp Duplicates																							
26850	Soil			51.5	71	0.55	502	0.341	3.81	1.206	1.32	3.0	61.9	2.6	3	8.3	0.10	29.0	129.9	12.1	45.6	7.4	0.9
REP 26850	QC			54.7	72	0.56	518	0.352	4.29	1.238	1.32	3.0	60.9	2.8	3	9.0	0.10	29.8	134.8	12.3	46.4	7.2	0.9
26868	Soil			70.1	37	3.82	1055	0.340	6.27	1.160	1.35	1.6	314.3	13.1	5	7.2	0.06	34.9	136.3	14.2	52.3	8.2	1.2
REP 26868	QC			67.3	37	3.79	1032	0.347	6.16	1.148	1.34	1.5	295.2	13.1	5	7.4	0.06	33.4	127.2	13.5	50.0	8.0	1.2
26918	Soil			34.7	58	0.52	581	0.164	5.24	0.960	2.28	3.0	57.1	2.2	3	6.9	<0.04	13.7	73.73	8.6	33.9	5.3	0.5
REP 26918	QC			37.2	52	0.55	597	0.186	5.28	1.009	2.39	3.7	62.4	2.4	3	7.4	<0.04	14.5	80.00	9.3	35.7	5.5	0.6
26974	Soil			35.9	55	0.58	583	0.116	5.01	0.944	2.24	4.3	76.1	2.2	3	8.5	0.14	14.1	72.73	8.9	34.0	4.8	0.5
REP 26974	QC			35.4	55	0.58	597	0.107	5.14	0.907	2.23	3.9	74.0	2.1	3	8.6	0.13	14.2	70.86	9.2	35.1	5.5	0.5
26998	Soil			56.2	65	0.83	1040	0.426	6.34	1.850	2.06	1.8	78.4	2.6	3	9.2	<0.04	22.1	113.5	13.1	48.4	7.4	1.1
REP 26998	QC			57.5	63	0.84	1051	0.441	6.34	1.889	2.08	1.9	77.1	2.4	2	9.3	<0.04	22.7	113.5	12.8	48.5	8.0	1.2
27311	Soil			42.9	141	1.58	689	0.198	6.44	2.705	1.46	1.4	85.2	2.6	5	12.8	0.40	10.8	81.13	8.5	31.7	4.4	0.7
REP 27311	QC			45.2	146	1.60	726	0.205	6.88	2.777	1.51	1.4	88.9	2.4	5	12.5	0.40	10.9	85.42	9.1	31.8	4.6	0.8
27363	Soil			121.3	39	0.60	866	0.521	7.61	1.796	2.94	7.7	108.3	15.4	5	6.6	<0.04	35.0	217.7	22.7	80.1	11.2	1.0
REP 27363	QC			119.9	16	0.58	796	0.504	7.27	1.758	2.86	7.8	119.6	14.8	5	6.4	<0.04	32.8	214.5	22.5	78.6	11.3	1.0
Reference Materials																							
STD OREAS24P	Standard			17.3	198	4.27	297	1.054	7.98	2.374	0.72	0.4	144.5	1.6	1	20.0	<0.04	21.0	34.78	4.5	20.8	4.3	1.5
STD OREAS24P	Standard			18.1	201	4.36	316	1.083	8.08	2.430	0.74	0.5	147.3	1.7	1	20.2	<0.04	21.5	35.79	4.7	21.7	4.7	1.6
STD OREAS24P	Standard			17.2	182	4.22	301	1.035	7.64	2.335	0.72	0.4	140.1	1.6	1	19.8	<0.04	20.2	34.56	4.5	20.4	4.7	1.5
STD OREAS24P	Standard			17.5	181	4.23	305	1.035	7.66	2.322	0.72	0.5	140.1	1.4	1	19.8	<0.04	20.2	35.54	4.8	21.1	4.8	1.5
STD OREAS24P	Standard			18.4	202	4.21	283	1.093	7.87	2.335	0.71	0.6	133.5	1.5	1	19.8	<0.04	21.4	37.14	4.9	21.7	4.8	1.5
STD OREAS24P	Standard			17.8	198	4.18	269	1.042	7.66	2.321	0.69	0.4	132.5	1.6	<1	18.2	<0.04	22.0	34.85	4.6	20.2	4.2	1.4
STD OREAS24P	Standard			17.8	194	4.06	268	1.070	7.98	2.355	0.67	0.4	134.2	1.7	1	18.9	<0.04	22.0	36.47	4.6	20.8	4.4	1.5
STD OREAS24P	Standard			17.6	190	4.00	266	1.048	7.64	2.325	0.65	0.4	131.8	1.6	1	18.8	<0.04	21.7	36.18	4.6	21.6	4.6	1.4
STD OREAS24P	Standard			17.9	190	4.11	272	1.075	7.72	2.371	0.66	0.4	128.0	1.4	1	17.5	<0.04	21.1	37.31	4.7	20.6	4.5	1.4
STD OREAS24P	Standard			18.5	202	4.18	282	1.088	7.99	2.453	0.68	0.4	134.1	1.6	1	18.1	<0.04	22.0	38.65	4.9	22.4	4.9	1.5
STD OREAS24P	Standard			18.4	215	4.29	289	1.174	8.24	2.464	0.70	0.4	138.5	1.4	<1	19.1	<0.04	22.8	39.50	5.0	22.6	5.0	1.6
STD OREAS24P	Standard			18.3	203	4.01	276	1.107	7.61	2.337	0.65	0.4	133.5	1.4	1	17.9	<0.04	23.0	38.23	4.8	21.2	4.4	1.5
STD OREAS24P	Standard			18.2	196	4.10	299	1.080	7.98	2.431	0.72	0.4	138.5	1.4	1	20.4	<0.04	22.3	37.72	4.9	21.4	4.8	1.6





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Page: 1 of 2 Part 3

QUALITY CONTROL REPORT

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Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	
Pulp Duplicates																
26850	Soil	6.1	0.9	5.4	1.0	3.0	0.4	2.6	0.4	1.77	8.9	64.3	5.0	96.76	2.0	15.97
REP 26850	QC	5.9	1.0	6.4	1.0	3.2	0.4	2.8	0.4	1.76	10.2	67.1	4.9	85.29	2.0	15.95
26868	Soil	7.5	1.0	7.1	1.3	3.5	0.5	3.2	0.4	7.76	38.5	62.3	6.4	102.3	2.7	18.82
REP 26868	QC	7.3	1.0	6.6	1.2	2.9	0.4	2.9	0.4	7.47	39.0	61.5	6.4	101.3	2.7	19.31
26918	Soil	3.7	0.5	3.0	0.6	1.5	0.2	1.5	0.2	1.55	12.4	69.9	1.9	40.06	2.7	17.77
REP 26918	QC	3.5	0.5	3.1	0.5	1.5	0.2	1.5	0.2	1.72	12.9	74.5	2.1	44.96	2.7	19.08
26974	Soil	3.6	0.5	2.9	0.5	1.1	0.2	1.3	0.2	1.97	19.0	87.8	0.6	16.96	2.2	15.19
REP 26974	QC	4.0	0.5	2.7	0.4	1.2	0.1	1.3	0.2	1.85	18.7	86.9	0.6	21.49	2.2	14.74
26998	Soil	6.7	0.9	5.2	0.9	2.5	0.3	2.5	0.3	2.52	18.7	71.6	1.6	26.13	2.8	16.95
REP 26998	QC	6.4	0.9	5.2	0.8	2.4	0.3	2.7	0.4	2.36	21.5	74.0	1.8	27.04	2.8	16.96
27311	Soil	3.8	0.5	2.7	0.5	1.3	0.2	1.1	0.2	2.05	31.2	49.2	1.0	17.01	2.9	20.56
REP 27311	QC	3.2	0.5	2.9	0.5	1.3	0.2	1.3	0.1	2.06	30.9	51.2	1.1	17.73	3.1	21.46
27363	Soil	8.1	1.2	7.2	1.4	3.7	0.5	4.1	0.5	3.35	39.1	157.9	11.7	199.7	9.9	28.20
REP 27363	QC	8.2	1.2	7.4	1.4	3.7	0.5	4.1	0.5	3.70	38.1	149.7	12.0	209.9	9.3	28.28
Reference Materials																
STD OREAS24P	Standard	5.1	0.7	4.3	0.8	2.1	0.2	1.8	0.2	3.72	8.8	20.9	1.2	19.58	0.8	20.82
STD OREAS24P	Standard	5.1	0.8	4.8	0.8	2.1	0.3	1.8	0.2	3.70	9.3	21.3	1.2	20.39	0.9	21.29
STD OREAS24P	Standard	5.0	0.7	4.6	0.8	1.9	0.2	1.6	0.2	3.44	8.4	20.5	1.1	19.40	0.9	20.13
STD OREAS24P	Standard	5.4	0.8	4.9	0.8	2.1	0.3	1.7	0.2	3.53	8.5	20.0	1.1	19.48	0.9	20.06
STD OREAS24P	Standard	5.0	0.8	4.7	0.9	2.2	0.3	1.8	0.2	3.40	8.3	19.7	1.3	25.84	0.8	19.72
STD OREAS24P	Standard	4.5	0.7	4.5	0.8	2.0	0.2	1.7	0.2	3.35	8.0	20.2	1.1	19.36	0.8	19.56
STD OREAS24P	Standard	4.8	0.7	4.9	0.8	2.1	0.3	1.8	0.3	3.29	8.2	22.5	1.1	19.63	0.8	19.65
STD OREAS24P	Standard	4.9	0.8	4.4	0.8	2.0	0.2	1.8	0.2	3.25	9.1	22.1	1.0	18.83	0.8	18.88
STD OREAS24P	Standard	5.4	0.7	4.6	0.8	2.0	0.3	1.7	0.2	3.34	7.7	21.5	1.1	18.56	0.8	18.95
STD OREAS24P	Standard	5.2	0.8	4.5	0.8	1.9	0.3	1.9	0.2	3.41	8.4	22.8	1.1	19.44	0.8	18.89
STD OREAS24P	Standard	5.8	0.8	4.7	0.9	2.5	0.3	2.0	0.3	3.43	7.4	23.3	1.2	19.75	0.9	19.25
STD OREAS24P	Standard	5.7	0.8	4.9	0.8	2.3	0.3	2.0	0.3	3.35	8.8	23.0	1.1	20.05	0.8	17.84
STD OREAS24P	Standard	5.1	0.7	4.8	0.8	2.1	0.2	1.7	0.2	3.59	8.3	22.1	1.1	20.45	0.8	19.90

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

WHI10000226.1

		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
STD OREAS24P	Standard	1.51	52.92	2.66	118.9	54	144.3	47.4	1111	7.61	0.5	0.6	<0.1	2.5	385	0.15	0.09	<0.04	168	5.83	0.140
STD OREAS24P	Expected	1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83	0.136
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	0.25	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	0.53	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001



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226 Cardinal Crescent  
Saskatoon SK S7L 6H8 Canada

Project: True Blue

Report Date: August 30, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

WHI10000226.1

		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
STD OREAS24P	Standard	18.0	196	4.03	289	1.066	7.92	2.397	0.69	0.4	135.0	1.6	1	19.7	<0.04	22.0	37.85	4.9	21.9	4.8	1.5
STD OREAS24P	Expected	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7	1.6
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.11	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.19	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.20	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1



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Project: True Blue

Report Date: August 30, 2010

Page: 2 of 2 Part 3

## QUALITY CONTROL REPORT

WHI10000226.1

		1T Gd ppm 0.1	1T Tb ppm 0.1	1T Dy ppm 0.1	1T Ho ppm 0.1	1T Er ppm 0.1	1T Tm ppm 0.1	1T Yb ppm 0.1	1T Lu ppm 0.1	1T Hf ppm 0.02	1T Li ppm 0.1	1T Rb ppm 0.1	1T Ta ppm 0.1	1T Nb ppm 0.04	1T Cs ppm 0.1	1T Ga ppm 0.02
STD OREAS24P	Standard	5.6	0.8	5.0	0.8	2.0	0.2	1.9	0.2	3.68	8.2	21.0	1.1	19.55	0.9	19.27
STD OREAS24P	Expected	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	0.10
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	0.5	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02



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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: August 06, 2010  
Report Date: August 31, 2010  
Page: 1 of 10

## CERTIFICATE OF ANALYSIS

WHI10000227.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-018  
P.O. Number  
Number of Samples: 247

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	247	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	247	Dry at 60C			WHI
1T	247	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
 Report Date: August 31, 2010

Page: 2 of 10 Part 1

CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Unit	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	
27501	Soil	5.13	28.96	15.59	99.1	86	32.3	13.6	557	2.56	10.4	2.3	<0.1	11.5	404	0.23	0.99	0.87	113	1.43	0.117
27502	Soil	4.27	23.88	22.96	212.5	87	31.7	10.8	665	2.58	11.2	2.0	<0.1	9.3	281	0.37	1.50	0.36	146	0.96	0.128
27503	Soil	5.42	27.26	27.03	115.2	46	56.9	13.8	346	2.98	19.6	2.3	<0.1	16.4	102	0.46	1.56	0.86	178	0.50	0.169
27504	Soil	5.37	35.82	22.10	134.1	100	34.7	9.9	418	2.36	17.7	2.0	<0.1	10.5	202	0.34	1.35	1.66	144	0.63	0.159
27505	Soil	9.37	40.43	23.59	100.7	104	45.9	27.7	2678	2.88	21.4	2.3	<0.1	14.6	118	0.47	1.54	2.12	169	0.50	0.241
27506	Soil	13.64	51.35	146.8	251.8	<20	73.6	17.4	414	3.79	29.2	4.0	<0.1	26.8	96	0.57	2.41	8.05	190	0.53	0.196
27507	Soil	23.24	17.24	27.19	156.1	<20	46.6	9.2	1346	3.44	16.6	4.0	<0.1	29.6	118	0.71	1.52	2.43	192	0.55	0.186
27508	Soil	16.13	18.76	19.55	147.0	<20	25.4	8.3	773	3.19	15.5	2.8	<0.1	16.4	255	0.34	1.33	2.07	118	0.91	0.121
27509	Soil	14.30	12.26	16.86	191.6	33	37.2	6.4	370	2.72	15.9	2.7	<0.1	21.0	104	0.43	1.40	0.92	182	0.51	0.193
27510	Soil	22.10	15.43	23.69	91.2	<20	34.3	13.1	1759	3.08	17.1	3.9	<0.1	27.9	77	0.36	2.37	1.14	172	0.39	0.154
27511	Soil	45.71	14.77	24.11	302.5	75	32.3	20.9	>10000	3.04	14.1	2.9	<0.1	30.8	146	2.09	2.05	0.89	175	0.63	0.265
27512	Soil	22.76	14.51	14.67	42.3	<20	22.2	11.3	669	4.23	12.0	3.0	<0.1	16.9	154	0.17	1.24	0.79	113	0.71	0.202
27513	Soil	5.21	19.60	10.17	52.7	74	6.1	8.5	1458	2.53	3.3	1.8	<0.1	5.5	390	0.17	0.52	0.20	49	1.28	0.097
27514	Soil	20.43	8.01	9.40	45.9	28	11.1	5.3	907	4.35	6.0	1.9	<0.1	11.2	45	0.23	0.81	0.50	78	0.21	0.264
27515	Soil	8.34	15.45	10.28	53.1	99	9.9	9.8	1591	2.63	3.0	1.7	<0.1	5.7	392	0.19	0.58	0.28	96	1.35	0.114
27516	Soil	8.49	12.33	11.66	80.3	119	18.6	8.0	807	2.05	7.0	1.5	<0.1	7.0	237	0.47	0.71	0.52	166	0.88	0.204
27517	Soil	8.13	6.31	12.99	66.9	<20	27.4	4.2	552	1.62	13.7	1.4	<0.1	12.6	106	0.46	1.12	0.33	245	0.43	0.174
27518	Soil	15.44	12.34	20.26	72.4	40	16.0	8.8	1436	2.01	6.4	1.8	<0.1	7.7	312	0.52	0.69	0.36	116	1.11	0.131
27519	Soil	51.11	17.19	38.08	205.5	<20	43.8	7.7	932	4.73	23.1	3.5	<0.1	33.1	112	1.21	2.15	0.67	197	0.69	0.257
27520	Soil	28.01	10.82	22.85	106.6	<20	73.5	10.4	596	2.69	20.4	5.1	<0.1	28.3	102	0.63	1.25	0.61	207	0.63	0.295
27521	Soil	12.00	11.71	14.26	114.3	<20	40.1	7.2	426	2.59	9.6	5.8	<0.1	31.9	205	0.49	0.94	0.40	159	0.96	0.227
27522	Soil	4.01	11.10	12.61	65.5	<20	62.8	9.9	482	2.51	18.6	5.1	<0.1	37.1	145	0.27	1.38	0.40	240	1.21	0.253
27523	Soil	4.31	7.70	9.28	50.4	<20	36.2	6.4	712	1.79	13.4	6.4	<0.1	21.5	131	0.34	1.36	0.29	169	0.57	0.219
27524	Soil	10.35	2.63	8.48	100.9	<20	24.4	13.9	972	6.64	4.3	4.3	<0.1	17.4	53	0.28	0.62	0.55	124	0.07	0.112
27525	Soil	9.12	7.97	12.45	46.7	<20	13.1	5.1	450	5.00	11.8	4.3	<0.1	21.0	98	0.23	1.06	1.42	98	0.51	0.132
27526	Soil	9.79	6.26	7.26	48.2	<20	5.8	3.6	339	4.48	6.0	3.7	<0.1	17.9	67	0.22	0.84	1.17	36	0.30	0.171
27527	Soil	12.84	3.47	6.70	58.8	<20	3.7	3.8	1450	6.23	3.8	4.2	<0.1	25.3	53	0.28	0.84	0.74	7	0.20	0.077
27528	Soil	5.79	3.11	6.96	23.2	<20	2.8	5.5	1128	4.36	4.2	4.0	<0.1	22.3	47	0.30	0.88	1.45	3	1.65	0.034
27529	Soil	13.50	5.27	11.78	30.9	<20	2.8	4.1	1022	6.57	10.1	7.1	<0.1	36.4	35	0.31	1.13	1.28	2	0.06	0.064
27530	Soil	10.87	3.33	8.14	66.4	<20	1.2	3.5	2032	7.40	5.9	5.9	<0.1	42.6	49	0.39	1.02	0.71	2	0.08	0.062

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: True Blue  
 Report Date: August 31, 2010

Page: 2 of 10 Part 2

# CERTIFICATE OF ANALYSIS

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Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	
27501	Soil	28.9	31	0.67	769	0.230	6.34	2.282	2.18	1.5	105.3	1.2	2	5.7	0.05	10.2	58.24	6.7	26.6	3.8	0.6
27502	Soil	17.1	39	0.64	911	0.252	6.05	1.832	1.90	2.2	85.4	1.0	2	6.6	0.04	7.2	36.33	3.9	15.5	2.3	0.4
27503	Soil	29.5	71	0.56	739	0.230	5.26	1.203	1.80	2.1	59.6	1.4	2	8.4	<0.04	10.9	67.99	6.4	25.5	3.8	0.5
27504	Soil	32.0	44	0.46	698	0.209	4.78	1.524	1.83	2.1	77.3	1.4	2	6.2	0.05	7.7	59.82	6.6	24.6	3.5	0.5
27505	Soil	32.9	62	0.48	760	0.221	4.26	1.244	1.82	2.4	72.7	2.1	3	6.7	0.08	9.0	69.75	7.4	27.8	4.1	0.4
27506	Soil	59.7	65	0.56	672	0.242	5.29	1.267	1.87	2.2	67.2	2.5	3	8.1	0.05	23.4	127.0	14.3	54.6	8.4	0.9
27507	Soil	54.6	58	0.51	596	0.283	5.60	1.509	1.93	3.2	80.4	5.0	4	7.9	<0.04	23.5	133.4	12.6	47.2	7.4	0.8
27508	Soil	39.1	39	0.50	728	0.331	5.78	1.893	2.15	2.3	92.8	3.5	2	6.4	<0.04	15.1	95.12	8.8	33.5	5.1	0.6
27509	Soil	57.4	70	0.51	577	0.323	5.20	1.483	1.85	2.3	62.6	2.7	3	8.7	0.05	16.0	126.5	13.8	52.4	7.6	0.7
27510	Soil	47.1	57	0.41	883	0.283	5.19	1.339	2.02	3.5	79.1	5.3	4	6.9	0.04	19.7	94.95	10.0	36.7	5.8	0.6
27511	Soil	25.2	56	0.36	1819	0.254	5.36	1.104	1.79	2.5	100.5	2.5	2	7.6	0.10	10.9	96.57	5.4	20.8	3.2	0.3
27512	Soil	53.8	57	0.57	557	0.276	5.32	1.310	1.75	2.0	69.4	3.0	2	6.7	0.06	13.1	106.7	11.2	41.1	5.7	0.8
27513	Soil	20.9	12	0.54	718	0.236	6.06	2.272	1.88	0.8	110.5	1.7	2	4.0	0.06	7.1	41.70	4.7	17.1	2.7	0.5
27514	Soil	53.3	28	0.34	389	0.145	5.00	1.727	1.74	2.9	66.0	5.3	2	4.1	0.11	8.8	102.3	11.3	40.4	5.8	0.8
27515	Soil	14.5	20	0.59	643	0.230	5.34	2.060	1.91	1.0	103.7	1.5	1	5.6	0.06	6.4	29.03	3.4	13.0	2.0	0.4
27516	Soil	12.0	39	0.56	467	0.201	4.54	1.744	1.74	1.1	76.0	2.2	3	6.3	0.08	4.8	23.53	2.8	11.2	1.6	0.3
27517	Soil	26.5	54	0.46	593	0.169	5.37	1.294	2.00	1.1	58.6	1.5	3	10.4	<0.04	5.7	60.06	8.0	32.5	4.7	0.4
27518	Soil	19.5	35	0.56	633	0.266	4.82	2.013	1.76	1.3	84.8	1.6	2	6.0	0.06	7.6	39.78	4.6	19.1	2.8	0.4
27519	Soil	45.5	65	0.62	667	0.247	4.96	1.142	1.94	3.1	65.0	4.9	4	14.2	0.10	22.1	95.98	10.0	37.2	5.8	0.7
27520	Soil	36.7	58	0.62	513	0.310	4.11	1.536	1.28	2.4	77.7	3.0	5	8.4	0.09	29.0	78.41	9.0	35.9	6.4	0.6
27521	Soil	75.4	44	0.93	579	0.251	5.53	1.713	1.60	2.4	85.4	3.2	6	9.2	0.07	41.0	156.0	18.3	73.1	11.5	1.0
27522	Soil	51.6	70	1.44	583	0.341	5.58	1.901	1.27	2.6	82.9	2.2	5	14.8	<0.04	47.9	165.3	15.2	63.2	11.6	1.1
27523	Soil	29.0	56	0.84	538	0.297	4.54	1.854	1.32	2.1	78.6	1.7	4	8.3	0.07	23.2	70.66	7.2	29.0	4.9	0.5
27524	Soil	94.6	6	1.26	1768	0.122	10.25	0.585	3.50	1.0	346.4	7.5	8	3.7	0.11	21.7	211.3	24.5	96.7	14.7	1.8
27525	Soil	123.3	41	0.71	833	0.271	6.10	1.143	1.97	1.5	255.5	5.5	3	6.2	0.04	24.8	231.5	25.3	88.6	13.2	1.5
27526	Soil	99.9	19	0.51	646	0.189	6.46	0.809	2.40	1.1	275.6	6.2	5	4.6	0.08	27.1	196.8	21.4	81.6	12.5	1.6
27527	Soil	146.3	4	1.02	520	0.135	8.55	0.921	2.05	1.2	409.4	10.1	5	3.2	0.13	41.1	292.3	32.7	122.4	18.5	2.4
27528	Soil	125.7	3	0.43	346	0.094	7.93	1.253	1.91	1.0	472.7	6.9	4	2.6	0.33	42.2	249.2	28.1	104.4	15.0	1.7
27529	Soil	224.2	2	0.40	775	0.118	10.12	0.886	3.43	1.6	689.9	12.2	9	3.1	0.14	51.4	494.0	52.1	194.6	27.7	2.7
27530	Soil	288.1	1	0.50	750	0.104	8.66	0.920	3.04	2.1	543.7	10.1	10	3.0	0.07	56.8	586.3	62.7	227.7	34.5	3.1

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Project: True Blue  
Report Date: August 31, 2010

Page: 2 of 10 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
27501	Soil	3.4	0.4	2.4	0.4	1.0	0.1	1.0	0.2	2.75	19.3	53.6	1.0	17.51	2.1	18.81
27502	Soil	2.2	0.2	1.6	0.3	0.8	0.1	0.8	0.1	2.25	21.4	57.8	0.6	12.39	2.3	17.10
27503	Soil	3.5	0.5	2.4	0.4	1.1	0.1	1.0	0.2	1.68	13.7	64.9	0.9	15.16	1.7	14.71
27504	Soil	2.8	0.3	1.7	0.3	0.8	0.1	0.8	0.1	2.12	12.9	56.9	1.0	17.28	1.7	15.18
27505	Soil	2.8	0.3	2.0	0.4	1.1	0.1	0.9	0.1	1.94	11.2	69.0	1.6	29.56	2.1	15.82
27506	Soil	6.6	0.9	5.3	1.0	2.5	0.3	2.1	0.3	1.82	16.1	77.7	3.9	75.26	2.8	17.58
27507	Soil	5.9	0.9	5.6	1.0	2.7	0.3	2.2	0.3	2.09	17.7	89.8	6.2	123.8	3.0	21.20
27508	Soil	3.9	0.5	3.5	0.6	1.8	0.2	1.4	0.2	2.46	15.8	91.6	5.1	87.83	2.8	22.22
27509	Soil	5.8	0.7	3.8	0.7	1.7	0.2	1.5	0.2	1.76	13.2	84.1	3.8	67.36	3.6	19.43
27510	Soil	4.9	0.7	4.4	0.8	2.1	0.3	1.8	0.2	1.94	13.6	112.8	6.1	157.4	2.9	22.20
27511	Soil	2.9	0.4	2.3	0.4	1.2	0.2	1.2	0.2	2.54	11.9	70.9	3.2	64.84	4.8	19.99
27512	Soil	4.2	0.6	3.2	0.5	1.2	0.2	1.2	0.2	1.84	13.2	69.3	1.6	29.54	2.5	17.39
27513	Soil	2.1	0.3	1.7	0.2	0.7	<0.1	0.7	<0.1	2.86	16.4	54.2	0.7	12.28	2.0	21.25
27514	Soil	3.9	0.5	2.2	0.3	1.0	0.1	0.9	0.1	1.57	8.5	75.7	2.0	38.41	3.2	23.11
27515	Soil	1.9	0.2	1.3	0.2	0.6	<0.1	0.7	0.1	2.68	14.5	50.0	0.5	8.85	2.8	16.58
27516	Soil	1.2	0.1	0.9	0.2	0.4	<0.1	0.5	<0.1	1.91	11.8	60.0	0.4	8.30	2.4	14.71
27517	Soil	2.8	0.3	1.3	0.2	0.6	<0.1	0.6	0.1	1.37	14.5	87.2	0.7	17.67	4.7	17.50
27518	Soil	2.2	0.3	1.6	0.3	0.8	0.1	0.9	0.1	2.22	14.6	60.4	0.9	20.07	1.9	16.76
27519	Soil	4.7	0.8	5.1	0.9	2.4	0.3	1.9	0.3	1.70	17.0	109.0	3.2	75.02	3.6	23.08
27520	Soil	5.5	0.9	5.8	1.1	3.1	0.4	2.5	0.3	2.12	14.0	71.9	4.1	78.49	4.9	21.23
27521	Soil	9.5	1.4	8.2	1.5	4.1	0.5	3.4	0.4	2.20	28.8	77.4	4.9	105.3	3.7	24.16
27522	Soil	10.5	1.6	10.3	1.9	5.0	0.7	4.4	0.5	2.11	28.7	47.9	4.1	108.6	2.6	20.31
27523	Soil	4.5	0.7	4.5	0.9	2.4	0.3	2.2	0.3	2.06	16.1	71.5	2.8	84.15	5.2	16.64
27524	Soil	11.5	1.4	6.8	1.1	3.0	0.4	3.1	0.4	7.61	21.7	83.9	3.8	71.03	1.3	48.31
27525	Soil	9.1	1.2	6.3	1.0	2.9	0.4	2.6	0.4	5.78	11.0	72.7	3.6	72.53	1.6	26.24
27526	Soil	9.9	1.2	6.6	1.1	2.9	0.4	2.8	0.4	5.97	7.7	91.9	2.2	45.93	1.6	33.53
27527	Soil	13.4	2.0	11.2	1.9	4.8	0.6	4.1	0.6	8.77	21.5	65.8	3.6	71.27	1.5	50.80
27528	Soil	10.3	1.7	10.2	1.8	4.8	0.6	4.5	0.6	10.50	16.9	54.5	3.2	74.69	1.3	48.71
27529	Soil	17.8	2.6	14.3	2.4	6.5	0.9	5.9	0.8	14.73	10.3	116.0	3.6	74.04	1.9	67.02
27530	Soil	24.5	3.1	15.8	2.5	6.5	0.8	5.6	0.8	11.41	14.0	101.1	4.5	91.83	1.9	55.38





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 Report Date: August 31, 2010

Page: 3 of 10 Part 1

CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
27531	Soil	4.62	1.33	4.57	70.1	26	0.8	2.1	2044	5.98	3.8	5.2	<0.1	29.0	45	0.26	0.91	0.35	<1	0.04	0.055
27532	Soil	14.10	3.82	4.58	88.8	<20	2.4	1.8	1328	7.31	4.3	4.1	<0.1	23.9	22	0.23	1.15	0.38	6	0.08	0.067
27533	Soil	20.02	9.81	8.31	205.8	83	0.3	1.0	388	9.69	8.6	4.3	<0.1	24.1	13	0.21	1.01	1.01	<1	0.04	0.055
27534	Soil	18.58	8.15	12.48	108.2	<20	11.4	1.9	1424	6.74	9.7	4.0	<0.1	25.7	31	0.25	1.14	0.68	5	0.04	0.077
27535	Soil	41.67	5.00	7.67	174.0	86	1.2	6.3	2468	8.51	13.0	4.5	<0.1	27.3	25	0.51	1.44	1.15	2	0.06	0.067
27536	Soil	16.03	10.85	9.17	202.7	<20	2.8	1.6	660	5.22	11.5	8.5	<0.1	36.2	26	0.33	1.70	0.82	12	0.08	0.063
27537	Soil	27.42	6.42	7.91	85.2	<20	1.9	2.2	1596	6.17	10.3	5.1	<0.1	31.9	47	0.40	1.31	0.80	9	0.09	0.081
27538	Soil	18.49	12.39	11.75	132.2	<20	5.6	2.3	1214	6.31	12.1	6.0	<0.1	34.8	59	0.35	1.39	0.65	18	0.23	0.105
27539	Soil	29.65	10.88	48.36	211.8	<20	2.8	2.2	1526	6.81	22.4	7.2	<0.1	42.0	28	0.57	1.68	0.64	11	0.10	0.068
27540	Soil	20.04	11.21	18.54	194.6	<20	1.8	1.7	856	6.90	17.0	7.9	<0.1	58.2	22	0.53	1.58	0.48	8	0.07	0.059
27541	Soil	21.09	10.62	51.76	285.0	<20	2.3	1.5	868	5.87	44.0	7.0	<0.1	60.5	21	1.01	3.76	1.15	14	0.08	0.064
27542	Soil	22.15	11.47	35.60	217.3	<20	1.9	1.2	623	6.18	36.2	7.0	<0.1	63.0	18	0.66	2.71	0.78	11	0.07	0.064
27543	Soil	22.00	18.95	30.22	171.4	<20	1.4	0.9	295	9.31	73.3	7.0	<0.1	42.8	26	0.34	3.36	2.10	8	0.05	0.048
27544	Soil	11.95	9.23	96.38	338.0	*	7.8	7.6	2461	7.91	15.4	5.9	<0.1	30.9	62	0.95	1.97	1.36	22	0.19	0.084
27545	Soil	18.45	5.86	64.37	162.4	<20	6.0	3.6	2881	4.92	10.8	6.7	<0.1	32.8	86	1.03	1.77	1.50	38	0.25	0.149
27546	Soil	9.59	19.55	30.99	1901	<20	6.1	4.6	3550	6.29	9.3	8.4	<0.1	49.6	106	20.70	2.35	0.64	23	0.14	0.057
27547	Soil	6.49	12.95	25.55	128.4	<20	9.4	4.2	1026	5.72	20.1	3.6	<0.1	21.7	78	0.47	1.95	0.49	43	0.42	0.086
27548	Soil	7.74	10.99	18.66	180.6	<20	6.5	4.0	1670	6.79	30.2	3.8	<0.1	28.5	60	0.69	2.01	0.81	26	0.28	0.054
27549	Soil	5.28	18.66	21.28	154.3	115	19.4	6.6	1043	5.00	18.3	3.5	<0.1	20.9	107	0.62	1.84	0.41	63	0.58	0.073
27550	Soil	7.94	19.27	25.56	134.1	99	14.3	6.2	1222	5.40	24.3	3.3	<0.1	21.6	106	0.51	2.38	0.39	51	0.54	0.054
27414	Soil	4.74	24.41	22.28	86.0	<20	20.9	9.1	380	3.80	11.3	3.1	<0.1	14.7	163	0.22	1.21	0.60	88	0.97	0.063
27415	Soil	9.97	20.10	17.60	81.8	<20	17.1	7.9	332	3.63	11.0	2.8	<0.1	12.8	160	0.33	1.21	0.37	79	0.76	0.076
27416	Soil	8.05	30.01	25.02	74.0	113	22.0	8.3	333	3.72	17.9	3.3	<0.1	16.0	209	0.25	1.45	1.21	87	1.11	0.086
27417	Soil	4.38	12.36	15.97	109.7	<20	16.8	8.8	450	4.43	8.5	3.2	<0.1	15.8	155	0.23	0.94	0.30	78	1.10	0.095
27418	Soil	7.82	12.04	26.98	79.3	23	12.6	5.4	327	2.56	15.9	2.7	<0.1	16.0	152	0.48	1.47	0.23	63	0.57	0.089
27419	Soil	4.17	12.93	31.83	80.8	<20	16.9	6.7	372	3.19	49.9	3.0	<0.1	22.2	169	0.25	1.47	0.22	84	0.81	0.104
27420	Soil	5.83	33.96	5.59	54.7	<20	2.4	4.1	283	4.05	16.9	2.4	<0.1	9.2	52	0.13	0.91	0.15	5	0.34	0.054
27421	Soil	2.01	15.00	15.43	72.1	<20	21.0	8.0	428	3.60	16.5	2.8	<0.1	13.2	161	0.23	1.15	0.19	78	0.78	0.072
27422	Soil	4.76	24.85	28.73	108.1	<20	17.7	7.6	551	4.44	45.9	3.5	<0.1	11.6	124	0.29	1.52	0.25	64	0.53	0.076
27423	Soil	3.92	24.23	15.76	87.2	<20	18.4	8.5	517	4.29	18.0	2.7	<0.1	12.8	172	0.21	1.13	0.28	73	0.80	0.078

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 Report Date: August 31, 2010

Page: 3 of 10 Part 2

CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
27531	Soil	180.3	1	0.57	804	0.097	10.74	0.771	3.42	2.2	498.4	14.2	8	3.0	0.08	45.3	382.0	43.2	165.8	25.7	2.7
27532	Soil	160.9	6	1.16	519	0.120	8.34	0.819	2.15	1.7	402.6	10.1	7	3.1	<0.04	42.4	309.8	35.0	130.4	20.9	2.4
27533	Soil	146.7	<1	1.02	697	0.075	8.25	0.309	2.95	1.6	463.6	12.9	8	2.8	0.07	40.8	313.8	36.6	139.5	21.7	2.2
27534	Soil	151.1	18	0.90	670	0.130	8.05	0.793	2.76	2.0	393.5	17.1	6	3.0	0.07	41.9	311.7	33.7	126.9	19.6	2.0
27535	Soil	169.6	2	1.14	712	0.099	8.53	0.434	2.85	2.9	427.5	11.7	7	3.0	<0.04	46.1	364.3	41.0	158.7	25.1	2.5
27536	Soil	185.1	6	0.62	704	0.185	8.60	1.386	3.23	3.7	628.4	12.5	10	3.4	<0.04	60.0	375.5	41.8	156.8	24.8	2.4
27537	Soil	162.1	3	0.48	979	0.109	6.98	1.518	1.80	2.8	391.1	7.9	7	2.2	0.06	46.0	336.7	34.7	130.6	20.2	2.2
27538	Soil	236.6	9	0.84	817	0.182	9.81	1.345	2.88	3.5	466.0	16.2	9	3.5	0.05	61.0	389.0	52.6	207.8	33.6	3.6
27539	Soil	227.1	5	0.83	798	0.181	7.74	1.165	2.68	4.7	466.0	13.9	8	2.5	<0.04	60.5	457.3	48.1	179.6	28.3	2.7
27540	Soil	341.1	3	0.95	511	0.192	7.17	1.261	2.44	5.9	472.3	16.4	6	1.9	<0.04	68.8	737.1	72.0	268.2	39.5	3.7
27541	Soil	393.0	4	0.56	941	0.263	6.74	0.817	3.10	6.1	493.0	13.4	9	1.9	<0.04	62.2	852.9	82.3	291.4	42.8	3.9
27542	Soil	437.9	3	0.61	690	0.223	6.61	0.905	2.72	6.3	487.2	14.4	8	1.9	<0.04	68.7	928.2	89.9	319.1	49.3	4.5
27543	Soil	214.2	2	1.04	536	0.154	9.16	0.711	3.23	5.7	566.4	16.0	10	2.0	0.04	60.7	446.6	48.3	180.3	28.7	2.5
27544	Soil	162.7	14	0.70	683	0.162	8.29	1.448	1.74	2.6	471.3	8.6	9	2.9	0.06	51.1	319.2	34.0	125.6	19.2	2.5
27545	Soil	166.0	17	0.32	500	0.264	9.18	1.575	1.85	3.7	559.2	11.0	8	3.2	0.09	51.0	325.7	35.1	125.7	18.1	2.1
27546	Soil	284.2	16	0.19	477	0.242	11.32	2.482	1.40	3.4	777.8	10.1	14	3.0	<0.04	74.4	586.9	58.7	221.0	32.7	4.7
27547	Soil	114.1	30	0.54	1600	0.257	5.47	0.848	3.12	1.7	232.9	4.8	3	4.6	0.08	27.3	220.5	22.9	85.7	12.2	1.4
27548	Soil	180.6	18	0.56	1720	0.229	6.17	1.040	3.35	2.0	255.6	4.9	5	4.0	0.05	35.2	332.6	36.8	137.3	19.9	2.3
27549	Soil	127.6	42	0.64	1406	0.297	6.06	1.372	2.83	1.6	172.1	3.8	3	6.5	0.06	27.2	236.9	26.1	97.1	14.6	1.8
27550	Soil	136.4	33	0.53	1694	0.264	6.05	1.274	3.19	1.5	192.2	3.6	3	6.1	0.08	29.7	235.7	28.5	109.6	15.8	2.0
27414	Soil	101.4	49	1.58	1878	0.582	6.33	1.673	2.64	8.9	112.3	5.8	3	8.6	<0.04	21.5	169.3	15.8	52.4	6.7	1.2
27415	Soil	59.6	46	1.24	1904	0.441	6.17	1.398	2.74	3.8	102.0	4.6	2	7.9	<0.04	16.0	107.2	11.4	42.4	5.9	1.1
27416	Soil	49.8	45	1.02	1451	0.513	6.43	1.862	2.23	15.9	84.4	5.9	3	7.8	<0.04	21.4	89.86	9.8	35.2	5.1	0.8
27417	Soil	53.0	42	1.82	1983	0.559	6.92	1.708	2.65	6.1	109.0	5.6	4	8.1	<0.04	33.3	115.4	13.1	51.3	7.8	1.2
27418	Soil	44.3	36	0.78	2000	0.444	5.99	1.727	2.94	4.5	83.6	5.7	4	7.5	<0.04	16.6	88.37	9.9	37.3	5.5	0.7
27419	Soil	45.3	43	0.94	1574	0.508	6.20	1.809	2.42	8.3	71.6	4.7	5	9.2	0.04	23.2	96.65	10.9	42.1	6.5	0.8
27420	Soil	44.3	4	0.52	1303	0.208	8.50	2.569	3.26	6.8	66.7	8.2	3	1.9	<0.04	18.8	119.0	8.6	32.4	4.6	0.6
27421	Soil	45.1	50	0.89	1390	0.447	6.59	1.803	2.54	4.6	80.2	3.0	3	7.7	<0.04	21.1	89.62	9.9	38.1	6.1	0.8
27422	Soil	49.3	41	0.87	1288	0.409	7.37	1.879	2.43	4.6	82.1	4.5	3	7.0	<0.04	19.0	104.1	9.7	36.7	5.2	0.9
27423	Soil	52.5	47	1.03	1483	0.506	6.68	2.105	2.43	4.9	92.5	4.2	2	7.7	<0.04	24.7	113.9	12.4	46.9	7.2	1.0

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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**Project:** True Blue  
**Report Date:** August 31, 2010

**Page:** 3 of 10 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.04	0.1	0.02	
27531	Soil	20.7	2.5	12.8	2.1	5.8	0.7	5.3	0.7	10.65	46.2	113.7	2.7	57.22	7.8	70.27
27532	Soil	16.6	2.1	10.9	1.7	4.8	0.6	4.3	0.6	8.16	19.1	83.9	3.3	71.16	14.7	50.99
27533	Soil	17.2	2.1	11.3	1.8	5.3	0.6	4.7	0.7	9.70	16.4	86.3	1.9	38.32	1.5	56.87
27534	Soil	16.1	2.1	10.6	1.8	4.5	0.6	4.2	0.6	8.31	15.4	105.6	3.5	71.22	1.9	53.67
27535	Soil	19.9	2.7	14.5	2.3	5.6	0.7	4.9	0.7	8.64	20.6	83.8	2.9	60.23	3.9	54.14
27536	Soil	19.0	2.8	15.2	2.8	7.4	0.9	6.3	0.9	13.67	10.5	146.8	6.5	146.9	2.5	58.71
27537	Soil	17.5	2.4	12.6	2.0	5.2	0.6	4.3	0.6	8.26	17.6	77.3	5.5	140.8	1.9	45.79
27538	Soil	27.1	3.5	17.4	2.6	6.3	0.8	5.6	0.7	10.09	23.5	129.3	7.8	182.2	3.7	61.96
27539	Soil	23.2	3.2	17.4	2.8	7.1	0.8	5.7	0.8	10.02	19.8	115.1	10.6	262.2	1.7	49.72
27540	Soil	29.5	4.0	20.0	3.2	7.8	0.9	6.0	0.8	9.90	19.9	103.6	13.7	365.6	1.0	54.23
27541	Soil	30.6	3.8	18.2	2.8	7.0	0.9	5.6	0.8	11.06	14.7	125.3	16.6	382.4	1.1	46.35
27542	Soil	35.2	4.6	21.1	3.0	7.4	0.9	6.3	0.8	10.28	13.9	113.2	13.8	360.4	1.2	45.62
27543	Soil	22.5	3.2	17.4	2.9	7.3	0.9	5.9	0.8	12.04	20.6	114.0	10.8	290.3	1.6	66.86
27544	Soil	16.3	2.3	13.0	2.3	5.8	0.7	4.8	0.7	9.61	24.4	58.4	6.7	157.7	1.7	41.29
27545	Soil	12.5	2.1	12.4	2.2	5.6	0.7	5.0	0.7	11.64	22.6	68.0	11.5	234.8	1.9	48.51
27546	Soil	24.0	3.4	19.4	3.3	8.8	1.0	7.2	1.0	15.04	33.9	56.3	11.5	249.3	1.8	59.58
27547	Soil	10.2	1.3	7.2	1.2	3.0	0.4	2.6	0.4	4.94	15.3	95.7	4.9	98.65	1.8	23.79
27548	Soil	16.0	1.9	9.7	1.5	3.9	0.5	3.5	0.4	5.70	19.0	102.3	5.7	123.4	1.6	26.77
27549	Soil	11.6	1.5	7.4	1.1	2.8	0.4	2.6	0.4	3.97	18.1	81.0	3.1	63.86	1.6	23.08
27550	Soil	11.9	1.5	7.9	1.2	3.3	0.4	2.7	0.4	4.30	17.6	95.5	2.9	61.63	1.7	24.61
27414	Soil	5.4	0.8	4.5	0.9	2.4	0.3	2.3	0.3	3.20	30.9	107.6	4.8	90.59	5.2	20.96
27415	Soil	4.7	0.6	3.5	0.7	1.9	0.2	1.9	0.3	2.80	27.7	119.1	3.3	58.82	4.5	21.27
27416	Soil	4.8	0.7	4.5	0.9	2.4	0.3	2.2	0.3	2.60	25.2	79.3	4.5	84.21	11.3	20.83
27417	Soil	7.4	1.1	6.9	1.4	3.8	0.5	3.2	0.5	3.27	29.7	118.3	6.1	131.2	5.2	23.06
27418	Soil	4.2	0.6	3.6	0.7	2.0	0.3	1.9	0.3	2.40	17.1	111.3	4.5	78.13	5.0	20.98
27419	Soil	5.6	0.8	5.2	0.9	2.7	0.3	2.2	0.3	2.17	20.6	97.9	4.3	76.17	4.5	20.38
27420	Soil	3.9	0.6	4.2	0.8	2.2	0.3	2.2	0.3	1.54	11.0	87.2	4.6	98.68	5.4	30.31
27421	Soil	5.0	0.7	4.4	0.9	2.3	0.3	2.3	0.3	2.14	22.7	92.8	5.0	98.66	4.2	21.34
27422	Soil	4.6	0.7	4.5	0.8	2.4	0.3	2.4	0.3	2.18	31.5	92.0	4.0	78.44	6.4	21.93
27423	Soil	5.8	0.9	5.5	1.1	2.7	0.4	2.5	0.4	2.49	23.4	112.3	5.7	128.3	4.3	22.62



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Project: True Blue  
 Report Date: August 31, 2010

Page: 4 of 10 Part 1

# CERTIFICATE OF ANALYSIS

WHI10000227.1

Method Analyte	Unit	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
MDL		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
27424	Soil	2.95	29.41	17.99	81.5	<20	23.9	10.0	489	3.76	38.5	2.5	<0.1	11.7	197	0.29	1.33	0.27	97	1.01	0.086
27425	Soil	2.38	12.33	18.91	64.1	<20	19.0	6.8	317	2.56	35.9	2.1	<0.1	8.7	185	0.26	1.20	0.21	88	0.91	0.065
27426	Soil	3.87	15.95	76.05	128.4	171	19.7	6.7	636	3.21	51.2	2.4	<0.1	25.4	133	0.21	1.79	0.18	71	0.67	0.095
27427	Soil	1.16	7.55	8.20	47.9	<20	39.3	7.1	318	2.17	11.1	2.4	<0.1	11.9	129	0.17	1.23	0.28	222	0.80	0.126
27428	Soil	0.60	5.44	12.59	34.4	34	30.9	2.4	121	1.06	15.8	3.0	<0.1	11.0	55	0.08	0.90	0.65	216	0.48	0.112
27429	Soil	2.03	10.10	14.83	45.5	66	24.0	5.3	289	2.34	7.1	2.4	<0.1	9.5	125	0.21	1.05	0.60	167	0.53	0.126
27430	Soil	2.16	28.19	52.28	66.2	73	46.0	15.6	365	3.09	27.1	2.3	<0.1	10.6	168	0.27	1.82	0.62	155	0.96	0.095
27431	Soil	2.48	8.13	14.75	44.4	30	39.0	3.8	165	1.38	6.5	3.1	<0.1	14.1	84	0.10	1.31	0.26	175	0.70	0.172
27432	Soil	2.70	15.91	24.25	123.6	130	44.5	10.0	494	3.56	8.6	3.1	<0.1	13.1	184	1.44	1.99	0.66	153	1.18	0.119
27433	Soil	2.60	13.60	20.27	62.6	<20	35.3	7.3	286	2.59	12.5	2.3	<0.1	10.6	152	0.23	2.89	0.33	192	0.76	0.080
27434	Soil	2.81	12.97	33.99	70.7	107	33.0	5.9	295	2.79	24.2	2.5	<0.1	10.7	122	0.28	1.77	3.26	230	0.55	0.100
27435	Soil	2.54	6.78	15.85	37.8	50	38.0	3.1	138	1.72	16.1	2.6	<0.1	11.2	69	0.19	1.66	2.45	257	0.39	0.104
27436	Soil	7.02	14.58	37.65	105.0	109	27.1	4.1	282	2.68	50.3	3.1	<0.1	11.7	111	0.34	4.01	2.72	209	0.49	0.118
27437	Soil	3.95	18.81	17.16	67.1	83	36.6	6.4	330	3.10	32.5	2.7	<0.1	13.0	135	0.34	2.17	2.85	194	0.67	0.114
27438	Soil	2.74	16.53	9.24	44.8	55	21.3	4.4	231	2.30	14.4	2.0	<0.1	8.4	177	0.24	0.94	1.82	169	0.56	0.238
27439	Soil	11.19	23.55	8.93	55.3	61	16.0	9.5	411	2.82	9.1	1.7	<0.1	5.7	452	0.17	0.78	0.49	129	1.71	0.147
27440	Soil	16.20	23.60	8.91	61.2	88	8.1	6.9	387	2.12	2.9	1.7	<0.1	4.6	511	0.21	1.12	0.29	64	1.77	0.093
27441	Soil	135.9	40.53	18.02	65.6	<20	38.9	7.7	555	3.89	33.2	2.9	<0.1	14.5	125	0.32	2.79	1.44	154	0.57	0.131
27442	Soil	318.0	107.2	15.38	57.8	102	62.2	8.6	316	4.48	38.7	4.5	<0.1	16.7	97	0.26	2.11	5.48	173	0.45	0.221
27443	Soil	21.91	42.69	15.86	83.3	<20	30.6	10.8	488	3.65	36.9	3.8	<0.1	27.1	190	0.33	1.39	0.56	108	0.95	0.096
27444	Soil	6.76	25.69	11.03	60.1	21	11.7	6.0	422	3.04	6.4	2.3	<0.1	9.5	356	0.21	0.79	0.34	70	1.31	0.148
27445	Soil	8.61	39.39	13.66	76.8	28	28.0	9.6	500	3.74	13.2	2.3	<0.1	10.7	256	0.20	1.12	0.42	94	1.17	0.087
27446	Soil	40.11	26.80	14.88	69.6	<20	31.2	10.4	519	4.35	18.0	2.2	<0.1	10.2	210	0.22	1.29	0.71	105	1.17	0.082
27447	Soil	14.99	140.7	82.21	723.4	21	51.7	13.2	624	5.71	109.5	4.8	<0.1	28.3	155	1.02	2.16	3.22	110	0.77	0.092
27448	Soil	11.24	184.2	30.54	121.6	62	45.3	14.2	468	4.95	32.8	2.9	<0.1	14.1	185	0.40	1.60	12.26	122	0.95	0.119
27449	Soil	46.21	127.9	775.3	1934	933	62.7	19.2	1455	9.05	1435	4.7	<0.1	23.3	103	4.94	8.22	16.53	120	0.39	0.154
27450	Soil	19.99	70.91	19.57	140.4	49	23.4	8.0	406	4.92	25.3	3.0	<0.1	19.1	93	0.37	1.56	1.52	105	0.37	0.211
27451	Soil	4.91	14.28	8.74	40.9	<20	25.9	8.0	360	3.02	9.0	2.4	<0.1	8.7	191	0.13	1.05	0.69	178	0.80	0.130
27452	Soil	8.17	15.40	9.05	47.3	34	30.0	7.5	754	2.88	29.1	2.0	<0.1	8.4	329	0.17	1.05	0.37	160	1.15	0.127
27453	Soil	2.95	14.80	11.88	51.7	59	23.6	9.2	760	2.73	7.3	1.6	<0.1	6.6	398	0.16	0.84	0.30	162	1.47	0.128

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Project: True Blue  
 Report Date: August 31, 2010

Page: 4 of 10 Part 2

CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	
27424	Soil	45.2	63	0.88	1160	0.429	5.60	1.805	1.86	2.2	76.3	2.7	2	9.1	<0.04	17.6	86.38	9.7	37.5	5.8	1.0
27425	Soil	33.1	51	0.68	1071	0.372	5.28	1.624	1.88	2.7	67.3	2.1	2	7.8	<0.04	13.6	64.40	7.8	30.7	4.4	0.7
27426	Soil	72.2	36	0.59	769	0.286	8.05	1.945	1.45	1.7	59.3	4.5	4	8.9	<0.04	21.0	156.3	17.9	70.3	10.7	1.2
27427	Soil	34.8	63	0.75	693	0.314	5.58	1.460	1.42	5.6	77.6	2.1	2	10.7	<0.04	13.6	67.26	7.8	30.8	4.7	0.6
27428	Soil	43.8	36	0.80	622	0.218	3.95	0.373	1.11	6.8	81.8	2.4	2	8.6	<0.04	12.5	81.58	9.8	38.3	5.3	0.5
27429	Soil	33.6	70	0.62	761	0.347	4.64	1.308	1.44	2.9	70.7	2.5	2	8.5	0.05	10.0	61.86	7.5	29.5	4.4	0.6
27430	Soil	36.8	75	0.90	948	0.370	5.31	1.545	1.69	2.0	67.6	2.4	2	9.8	<0.04	12.7	69.98	8.3	33.5	4.9	0.7
27431	Soil	55.9	41	0.78	650	0.281	4.60	0.685	1.15	5.7	89.3	1.9	2	7.9	<0.04	14.3	105.6	12.8	49.5	7.4	0.8
27432	Soil	43.8	85	0.75	841	0.400	5.56	1.402	1.44	2.3	76.9	2.8	2	11.2	<0.04	18.3	87.91	10.5	42.4	6.8	1.0
27433	Soil	38.9	63	0.71	852	0.335	5.39	1.415	1.60	3.0	74.3	2.3	2	10.2	<0.04	12.0	72.92	8.7	33.4	4.9	0.7
27434	Soil	39.3	87	1.04	557	0.360	4.89	1.716	1.04	6.3	88.8	2.8	2	10.9	0.05	10.4	72.95	8.5	32.9	4.4	0.5
27435	Soil	37.0	64	0.77	387	0.239	4.83	1.239	0.78	5.6	78.9	1.8	2	9.1	<0.04	9.1	69.78	8.1	31.8	4.5	0.4
27436	Soil	42.2	74	0.50	701	0.350	4.66	1.252	1.56	7.1	80.6	2.3	2	7.9	0.06	10.3	84.70	9.2	34.5	4.9	0.6
27437	Soil	53.4	77	1.02	647	0.361	4.90	1.643	1.31	24.2	74.7	2.8	2	8.4	0.05	12.0	105.3	11.7	43.2	6.0	0.8
27438	Soil	19.7	52	0.78	452	0.274	4.45	2.254	1.08	11.6	73.1	2.4	1	6.1	0.10	7.2	41.32	4.3	17.3	2.4	0.3
27439	Soil	16.9	37	0.94	597	0.378	5.42	2.454	1.52	4.2	96.9	2.0	1	7.3	0.10	8.2	35.53	3.9	16.6	2.6	0.5
27440	Soil	13.6	15	0.64	853	0.261	7.00	2.704	2.01	2.1	126.5	1.4	2	4.5	0.06	6.2	28.01	3.0	12.5	1.9	0.3
27441	Soil	54.8	69	0.84	605	0.324	4.95	1.752	1.13	110.3	94.6	2.9	1	7.4	0.06	12.8	102.6	10.6	38.9	5.3	0.6
27442	Soil	92.2	69	0.59	469	0.323	4.09	1.663	0.98	>200	99.2	2.8	2	7.4	0.15	13.6	162.9	16.9	56.1	7.3	0.6
27443	Soil	95.7	66	0.85	781	0.350	6.36	2.447	1.62	5.9	140.9	3.3	3	8.9	<0.04	21.4	175.2	17.3	65.2	8.8	0.9
27444	Soil	30.3	34	0.59	815	0.316	6.99	2.522	2.03	2.7	127.2	2.0	1	5.7	0.07	9.2	60.50	6.7	25.7	4.1	0.5
27445	Soil	46.3	58	0.86	878	0.341	6.07	2.315	1.77	2.0	87.3	2.2	1	8.5	0.04	13.7	96.78	10.2	39.4	5.9	0.8
27446	Soil	44.0	70	0.99	862	0.363	5.57	1.892	1.70	2.2	63.7	1.9	2	10.2	0.05	14.3	86.62	9.3	35.9	5.0	0.8
27447	Soil	98.5	95	1.02	748	0.334	6.25	2.486	1.45	10.3	143.3	2.9	3	10.3	0.05	26.5	190.0	20.7	75.1	10.6	1.1
27448	Soil	72.7	74	1.10	835	0.394	6.33	2.241	1.58	3.0	72.7	2.3	3	10.4	0.07	17.9	146.2	14.2	52.3	7.0	0.8
27449	Soil	117.1	71	1.39	601	0.304	7.18	2.097	1.89	16.1	108.0	5.6	7	12.6	0.06	33.9	290.8	30.2	108.0	17.2	1.4
27450	Soil	63.9	69	1.29	547	0.377	4.75	2.035	1.11	3.6	90.5	2.6	3	7.5	0.13	18.1	139.3	13.2	48.5	7.6	0.8
27451	Soil	22.2	62	0.77	616	0.368	4.97	1.570	1.86	2.1	87.0	2.3	2	8.1	0.05	9.2	48.26	5.3	21.1	3.4	0.5
27452	Soil	23.7	50	0.68	666	0.290	5.60	2.384	2.02	1.2	99.1	1.5	3	7.6	0.05	10.9	58.92	6.3	26.9	4.3	0.6
27453	Soil	17.5	42	0.71	641	0.299	5.74	2.449	1.81	1.0	98.3	1.2	2	7.2	0.07	7.6	40.03	4.2	17.8	2.7	0.5

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Project: True Blue  
 Report Date: August 31, 2010

Page: 4 of 10 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.04	0.1	0.02	
27424	Soil	4.3	0.7	3.9	0.7	1.9	0.2	1.7	0.3	2.06	21.3	73.3	2.4	44.57	3.3	17.67
27425	Soil	3.2	0.5	3.0	0.5	1.5	0.2	1.5	0.2	1.88	25.4	67.0	1.7	29.91	2.9	16.51
27426	Soil	7.3	0.9	5.3	0.9	2.4	0.3	2.3	0.3	1.67	27.1	58.8	1.8	32.61	6.9	26.48
27427	Soil	3.8	0.5	3.1	0.6	1.5	0.2	1.4	0.2	2.43	21.3	53.8	0.8	11.93	4.4	14.90
27428	Soil	3.5	0.5	2.6	0.5	1.3	0.2	1.3	0.2	2.16	36.5	43.4	0.5	8.48	4.5	12.80
27429	Soil	3.4	0.4	2.3	0.4	1.1	0.2	1.1	0.2	1.97	16.8	60.4	1.0	14.81	4.8	15.99
27430	Soil	3.7	0.5	2.9	0.5	1.5	0.2	1.4	0.2	1.85	19.7	61.7	1.0	14.35	4.0	15.78
27431	Soil	4.6	0.7	3.5	0.6	1.6	0.2	1.6	0.3	2.30	21.0	41.9	0.7	11.04	2.9	12.45
27432	Soil	5.2	0.7	4.1	0.7	1.9	0.3	1.8	0.3	2.22	26.6	52.5	1.0	16.59	4.0	15.20
27433	Soil	4.0	0.5	2.8	0.5	1.3	0.2	1.4	0.2	1.93	21.4	60.0	0.8	13.45	5.3	16.19
27434	Soil	3.2	0.4	2.6	0.4	1.2	0.2	1.2	0.2	2.33	22.5	43.4	1.0	16.37	5.6	18.72
27435	Soil	3.0	0.4	2.1	0.3	1.0	0.1	1.1	0.2	2.13	21.1	33.6	0.7	11.38	4.4	16.25
27436	Soil	3.6	0.5	2.4	0.5	1.2	0.2	1.3	0.2	2.16	27.2	59.0	1.2	18.67	5.2	17.72
27437	Soil	4.2	0.6	2.6	0.5	1.2	0.2	1.3	0.2	2.30	25.3	44.5	1.3	19.04	3.5	16.12
27438	Soil	2.0	0.3	1.6	0.3	0.8	0.1	0.9	0.1	2.08	19.0	39.1	0.7	10.80	3.2	18.22
27439	Soil	2.2	0.3	1.6	0.3	0.8	0.1	1.0	0.1	2.63	16.8	37.0	0.7	11.06	3.3	17.37
27440	Soil	1.5	0.2	1.2	0.3	0.7	0.1	0.8	0.1	3.41	21.4	42.8	0.5	8.06	3.1	18.52
27441	Soil	3.3	0.5	2.4	0.5	1.4	0.2	1.5	0.2	2.45	24.7	50.1	1.5	27.10	4.9	17.12
27442	Soil	4.4	0.6	3.0	0.5	1.3	0.2	1.5	0.2	2.61	12.8	40.4	1.5	22.25	2.3	16.53
27443	Soil	6.1	0.8	5.2	0.9	2.5	0.3	2.4	0.3	3.39	23.2	58.6	3.0	62.53	2.4	20.00
27444	Soil	2.8	0.4	2.1	0.4	1.1	0.2	1.1	0.2	3.07	20.4	52.9	1.1	20.02	1.8	19.62
27445	Soil	3.9	0.6	2.8	0.5	1.4	0.2	1.5	0.2	2.39	21.8	60.2	1.1	17.76	2.3	17.71
27446	Soil	3.9	0.5	3.2	0.5	1.4	0.2	1.4	0.2	1.77	25.9	56.3	1.0	17.54	2.6	15.47
27447	Soil	7.2	1.0	6.0	1.0	3.0	0.4	2.9	0.4	3.59	30.0	60.2	2.4	51.12	3.4	21.07
27448	Soil	5.2	0.7	4.1	0.7	1.9	0.2	1.8	0.3	1.89	33.6	56.0	1.2	21.04	5.3	20.24
27449	Soil	11.8	1.6	8.8	1.6	4.3	0.6	4.1	0.5	2.70	72.0	99.7	1.8	55.23	37.8	36.84
27450	Soil	5.4	0.8	4.5	0.8	2.2	0.3	2.1	0.3	2.30	27.4	48.3	2.6	53.86	7.8	27.48
27451	Soil	2.3	0.3	1.9	0.4	1.0	0.1	1.1	0.2	2.32	15.6	57.0	1.0	20.45	2.1	18.11
27452	Soil	3.0	0.4	2.2	0.4	1.1	0.2	1.2	0.2	2.54	16.4	53.4	0.7	11.72	1.9	17.57
27453	Soil	2.0	0.3	1.5	0.3	0.8	0.1	0.8	0.1	2.39	17.3	43.5	0.5	8.16	1.9	18.40



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Project: True Blue  
 Report Date: August 31, 2010

Page: 5 of 10 Part 1

CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	MDL	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
27454	Soil	1.69	18.86	7.53	59.7	71	7.1	9.0	517	2.51	2.3	1.5	<0.1	3.9	598	0.15	0.43	0.13	70	2.26	0.075
27455	Soil	4.56	17.49	9.06	51.3	61	9.0	11.5	2113	2.10	3.9	1.8	<0.1	5.2	434	0.20	0.61	0.27	89	1.56	0.111
27456	Soil	7.08	12.22	8.86	42.9	<20	44.7	11.9	680	3.40	13.7	2.7	<0.1	13.9	133	0.20	1.21	0.67	205	0.77	0.143
27457	Soil	10.54	13.68	7.63	46.9	37	40.2	13.9	3191	3.02	9.5	2.6	<0.1	13.4	122	0.23	1.01	0.60	281	0.57	0.225
27458	Soil	8.70	13.39	7.68	45.5	<20	34.6	9.5	554	2.95	18.0	2.7	<0.1	12.6	119	0.28	1.29	0.71	196	0.53	0.259
27459	Soil	4.20	15.93	9.14	47.5	24	12.8	8.5	569	2.34	5.9	1.6	<0.1	6.0	406	0.16	0.65	0.27	103	1.40	0.174
27460	Soil	11.81	14.42	10.66	26.8	<20	20.8	7.1	432	2.84	11.5	2.6	<0.1	11.2	87	0.17	1.26	0.77	186	0.36	0.316
27316	Soil	9.80	46.40	103.6	244.9	*	17.5	8.5	982	4.22	28.9	23.9	<0.1	48.4	229	0.77	0.82	0.81	58	1.36	0.107
27317	Soil	10.00	43.47	32.62	107.7	134	14.3	8.7	1237	3.95	10.0	11.0	<0.1	34.8	317	0.35	0.93	0.48	61	1.55	0.077
27318	Soil	8.70	23.36	24.86	103.8	<20	15.8	6.2	508	3.86	10.9	6.4	<0.1	31.2	160	0.25	0.98	0.40	68	1.22	0.079
27319	Soil	6.35	18.12	22.46	82.9	<20	19.4	6.7	547	3.60	11.3	4.4	<0.1	23.6	86	0.19	1.04	0.31	86	0.66	0.076
27320	Soil	7.09	24.17	27.01	89.8	<20	21.4	9.1	712	4.29	10.2	4.7	<0.1	25.9	66	0.19	1.10	0.29	80	0.72	0.082
27321	Soil	7.73	26.40	38.92	103.4	<20	29.0	11.3	716	4.38	16.0	5.9	<0.1	23.1	91	0.27	1.39	0.37	122	0.71	0.089
27322	Soil	9.36	31.48	59.93	112.0	<20	22.7	10.4	713	4.65	12.9	6.3	<0.1	29.6	110	0.28	1.15	0.40	111	0.84	0.081
27323	Soil	8.53	25.10	42.04	80.1	<20	24.4	12.6	1047	4.71	19.3	4.3	<0.1	18.2	111	0.31	1.31	0.38	185	0.89	0.063
27324	Soil	7.63	24.81	20.24	92.6	<20	24.8	12.9	923	4.75	11.4	6.4	<0.1	18.4	171	0.22	0.92	0.33	128	1.54	0.109
27325	Soil	6.49	25.06	20.16	106.8	<20	27.4	17.5	1114	5.50	8.8	10.9	<0.1	16.5	220	0.29	0.69	0.23	132	2.45	0.140
27326	Soil	10.15	17.66	14.83	110.2	<20	22.2	7.0	640	4.01	5.6	3.8	<0.1	15.2	207	0.23	0.83	0.26	137	0.97	0.120
27327	Soil	7.89	15.81	18.67	137.2	*	24.9	7.6	863	3.82	7.0	5.5	<0.1	29.2	172	0.45	1.05	0.48	173	1.09	0.117
27328	Soil	6.85	12.71	10.47	59.0	<20	13.8	4.0	316	2.38	4.3	2.7	<0.1	15.4	183	0.19	0.77	0.35	134	0.66	0.127
27329	Soil	9.26	9.36	9.85	54.8	26	20.3	4.6	330	2.52	7.1	3.4	<0.1	19.1	122	0.19	0.98	0.42	159	0.62	0.121
27330	Soil	3.39	14.35	7.58	90.7	54	12.3	6.4	358	2.32	3.2	1.9	<0.1	8.5	392	0.17	0.64	0.30	116	1.62	0.125
27331	Soil	5.75	9.34	8.78	115.4	35	18.3	5.0	311	1.95	6.9	3.2	<0.1	15.4	196	0.53	0.96	0.49	192	0.79	0.130
27332	Soil	4.99	7.43	10.37	48.3	<20	19.7	3.8	300	1.81	6.0	3.9	<0.1	18.2	117	0.19	0.98	3.51	223	0.54	0.138
27333	Soil	4.20	12.34	7.72	79.5	<20	27.0	5.8	323	1.97	6.5	2.0	<0.1	14.9	280	0.12	0.87	0.40	180	1.17	0.119
27334	Soil	12.03	14.12	11.32	47.7	<20	13.7	5.0	724	2.46	4.4	2.6	<0.1	15.9	268	0.17	1.34	0.30	256	0.80	0.171
27335	Soil	13.75	6.97	38.89	50.3	<20	28.3	4.4	402	2.38	9.5	4.3	<0.1	28.2	74	0.13	1.29	0.50	243	0.38	0.124
27336	Soil	72.41	31.46	28.18	403.8	<20	50.3	9.7	2013	7.01	27.3	11.6	<0.1	30.5	42	1.23	3.96	1.39	143	0.34	0.072
27337	Soil	47.22	23.16	42.12	155.6	*	33.9	4.5	935	3.85	27.3	5.3	<0.1	44.3	18	0.46	4.96	0.74	184	0.29	0.074
27338	Soil	22.87	26.94	10.37	120.4	<20	30.8	4.9	1192	2.93	6.1	3.7	<0.1	31.9	35	0.26	1.50	0.54	219	0.42	0.094

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 Report Date: August 31, 2010

Page: 5 of 10 Part 2

CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
27454	Soil	13.3	10	0.82	773	0.326	6.55	3.176	2.25	0.5	118.1	0.9	2	5.2	<0.04	6.8	27.32	3.1	12.9	2.1	0.5
27455	Soil	16.4	25	0.57	860	0.277	6.89	2.422	2.07	1.0	111.8	1.5	2	5.1	0.05	7.4	36.07	3.6	15.3	2.3	0.5
27456	Soil	41.1	79	0.69	655	0.276	5.21	1.372	1.90	1.9	64.2	3.1	2	9.1	<0.04	17.0	91.87	9.3	37.0	5.2	0.7
27457	Soil	35.9	74	0.59	689	0.183	5.58	1.353	2.37	1.8	66.9	3.5	4	9.4	0.09	14.4	77.20	7.8	30.2	4.5	0.5
27458	Soil	30.6	62	0.44	501	0.245	4.68	1.629	1.66	2.0	74.9	4.1	3	7.2	0.08	11.6	64.03	6.6	25.4	4.0	0.5
27459	Soil	15.5	28	0.64	706	0.280	5.40	2.402	2.02	1.0	105.0	1.8	2	5.7	0.07	7.3	31.33	3.3	13.8	2.1	0.4
27460	Soil	28.9	61	0.35	460	0.294	4.34	1.237	1.57	2.6	67.5	4.2	2	7.6	0.05	10.6	56.70	6.1	24.2	3.4	0.4
27316	Soil	277.7	39	0.80	859	0.321	8.04	2.178	2.78	3.8	111.5	4.9	8	7.2	0.06	135.1	263.5	59.8	221.1	35.9	2.4
27317	Soil	116.0	32	0.78	1092	0.299	8.47	2.353	2.83	2.8	113.1	5.2	6	6.7	<0.04	60.3	174.7	25.0	92.1	14.5	1.2
27318	Soil	112.8	39	0.88	1073	0.356	8.06	2.262	2.88	4.3	110.8	6.8	5	6.8	<0.04	35.6	189.0	22.4	81.3	12.0	1.0
27319	Soil	97.2	47	0.93	933	0.360	5.86	1.996	2.65	4.2	95.2	6.3	5	6.8	<0.04	27.9	179.8	19.5	73.8	10.1	1.0
27320	Soil	101.8	49	1.06	749	0.418	6.40	2.384	2.86	5.4	93.1	6.3	5	7.4	<0.04	31.9	184.4	20.8	74.1	10.4	0.8
27321	Soil	98.8	64	1.12	933	0.443	6.65	2.046	3.08	4.0	100.4	5.9	5	8.6	<0.04	30.4	176.6	20.3	73.8	10.2	1.1
27322	Soil	110.1	53	1.13	875	0.455	6.97	2.276	2.96	4.7	98.1	6.8	6	8.3	<0.04	38.8	196.9	22.7	80.2	11.5	1.2
27323	Soil	78.8	79	1.19	762	0.520	7.23	1.889	3.07	4.9	83.4	5.7	4	10.6	<0.04	25.6	138.0	15.3	56.2	8.0	0.9
27324	Soil	69.3	54	1.31	711	0.537	7.14	2.225	2.67	6.2	99.8	5.2	4	9.5	<0.04	29.0	118.4	13.7	51.1	7.7	1.0
27325	Soil	63.1	57	1.69	597	0.795	6.64	2.560	2.26	20.4	133.3	6.0	4	11.1	<0.04	42.0	95.14	14.8	55.8	9.0	1.2
27326	Soil	72.6	71	1.02	745	0.460	5.70	2.399	1.74	3.0	73.0	3.3	3	9.2	0.04	29.4	118.9	15.8	61.3	8.7	1.1
27327	Soil	94.1	62	1.05	657	0.457	5.72	2.482	1.40	5.5	83.9	4.1	7	11.4	<0.04	54.4	185.0	22.8	86.6	13.8	1.6
27328	Soil	48.0	39	0.59	643	0.262	5.81	1.907	2.02	2.9	77.0	3.4	4	6.7	<0.04	18.7	90.59	11.0	40.3	6.3	0.7
27329	Soil	51.6	52	0.58	587	0.308	5.53	1.778	1.84	3.6	68.0	3.6	2	7.8	<0.04	20.8	101.8	11.5	42.4	6.7	0.8
27330	Soil	27.5	25	0.76	651	0.299	5.78	2.261	1.89	1.7	92.2	1.9	2	6.7	<0.04	12.1	53.27	6.5	25.3	4.2	0.7
27331	Soil	28.4	46	0.58	584	0.295	5.29	1.928	1.70	2.8	84.6	2.9	3	8.1	<0.04	19.5	58.10	6.8	25.6	4.4	0.5
27332	Soil	30.4	51	0.51	596	0.283	5.05	1.602	1.72	3.1	86.7	3.3	3	7.7	<0.04	22.6	63.86	7.5	29.1	5.0	0.5
27333	Soil	33.9	30	0.65	704	0.251	6.06	1.841	1.95	2.9	81.5	2.1	2	6.2	<0.04	16.3	82.42	8.4	31.7	4.9	0.6
27334	Soil	19.6	55	0.47	837	0.305	5.78	1.971	2.22	2.5	123.4	2.6	3	9.1	0.04	12.4	42.79	4.6	17.4	2.9	0.4
27335	Soil	31.3	61	0.45	471	0.267	5.32	1.554	1.69	2.9	83.4	3.5	4	8.5	<0.04	23.2	82.04	7.8	30.4	5.6	0.5
27336	Soil	263.0	33	0.63	701	0.137	7.01	0.403	2.65	5.5	82.7	12.2	5	5.1	0.07	104.3	587.3	59.6	220.0	34.5	3.4
27337	Soil	138.9	37	0.51	1231	0.135	5.76	0.506	2.63	4.6	68.0	7.3	5	7.7	<0.04	70.8	236.3	29.5	105.6	17.3	1.8
27338	Soil	99.6	41	0.58	710	0.176	6.36	1.121	2.51	3.7	57.3	4.3	5	7.7	<0.04	47.9	178.7	22.1	83.7	13.1	1.2

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 31, 2010

Page: 5 of 10 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
27454	Soil	1.8	0.2	1.4	0.3	0.8	<0.1	0.7	0.1	3.06	20.7	34.6	0.6	9.77	1.0	18.82
27455	Soil	1.9	0.3	1.7	0.3	0.7	<0.1	0.9	0.1	2.75	17.8	47.0	0.7	12.86	1.7	18.76
27456	Soil	4.3	0.6	3.6	0.6	1.7	0.2	1.6	0.2	1.83	16.2	57.8	1.6	35.41	2.5	15.48
27457	Soil	3.8	0.5	2.6	0.5	1.2	0.1	1.3	0.2	1.75	16.3	78.6	0.8	13.98	6.2	19.13
27458	Soil	2.8	0.4	2.5	0.4	1.3	0.2	1.2	0.2	1.94	13.3	55.1	2.8	52.00	2.1	18.28
27459	Soil	1.8	0.3	1.5	0.3	0.8	0.1	0.8	0.1	2.69	16.1	41.8	0.9	16.45	1.3	17.90
27460	Soil	2.8	0.4	2.2	0.4	1.1	0.2	1.1	0.2	1.76	10.2	56.6	2.2	46.44	2.2	16.34
27316	Soil	30.9	4.3	26.0	4.7	12.4	1.5	10.4	1.4	2.90	39.6	139.3	5.3	100.3	10.5	25.05
27317	Soil	13.8	1.9	11.3	2.1	5.7	0.7	4.9	0.7	2.99	34.8	124.9	3.7	71.15	4.8	26.36
27318	Soil	9.2	1.3	7.5	1.3	3.9	0.5	3.5	0.4	2.79	31.0	134.7	6.6	129.7	3.9	26.83
27319	Soil	7.2	1.0	6.3	1.0	2.9	0.4	2.8	0.4	2.47	26.7	98.4	6.2	122.6	3.0	24.27
27320	Soil	7.9	1.2	6.9	1.3	3.4	0.4	3.4	0.4	2.09	29.7	119.3	6.6	135.8	3.9	26.11
27321	Soil	7.9	1.2	7.0	1.2	3.4	0.4	3.1	0.4	2.46	31.0	110.9	5.8	111.3	3.9	24.03
27322	Soil	9.0	1.3	8.4	1.5	3.9	0.5	3.7	0.5	2.46	34.3	123.0	6.6	125.0	4.4	26.90
27323	Soil	6.3	0.9	5.7	0.9	2.5	0.3	2.3	0.3	2.17	34.1	147.3	4.5	90.03	5.8	24.82
27324	Soil	6.4	1.0	5.6	1.1	2.9	0.4	2.7	0.3	2.48	32.9	135.0	4.8	92.64	5.7	22.72
27325	Soil	8.3	1.3	7.9	1.5	4.1	0.6	3.7	0.4	3.12	32.3	101.7	5.7	105.9	6.2	21.32
27326	Soil	7.2	1.0	6.0	1.1	3.0	0.4	2.6	0.4	2.07	28.0	84.7	3.9	73.78	2.6	20.89
27327	Soil	12.0	1.8	11.1	2.1	5.7	0.7	4.5	0.6	2.39	29.5	72.4	9.3	163.3	2.2	20.50
27328	Soil	5.2	0.7	4.2	0.7	2.0	0.2	1.7	0.3	2.00	22.8	72.5	3.0	61.02	1.8	21.36
27329	Soil	5.4	0.8	4.8	0.9	2.3	0.3	2.0	0.3	1.91	18.4	64.0	3.6	74.08	1.5	19.01
27330	Soil	3.9	0.5	2.7	0.5	1.3	0.2	1.2	0.2	2.43	18.4	43.9	1.7	33.78	1.3	18.30
27331	Soil	4.2	0.6	4.2	0.8	2.1	0.3	1.9	0.2	2.25	17.1	52.6	4.4	91.95	1.8	19.41
27332	Soil	4.8	0.7	4.7	0.9	2.4	0.3	2.2	0.3	2.16	17.0	59.4	4.5	108.4	2.2	18.61
27333	Soil	3.8	0.6	3.8	0.6	1.7	0.2	1.5	0.2	2.10	19.4	49.9	1.8	43.19	3.4	17.78
27334	Soil	2.5	0.3	2.4	0.5	1.3	0.2	1.4	0.2	2.95	18.4	64.5	1.9	46.71	3.2	20.81
27335	Soil	5.1	0.8	4.6	0.9	2.5	0.3	2.2	0.3	2.03	16.7	62.0	4.4	122.2	2.5	18.88
27336	Soil	28.6	4.1	26.4	4.5	11.1	1.3	7.5	0.8	1.78	26.8	80.4	18.6	373.9	3.1	36.83
27337	Soil	15.8	2.4	15.6	2.7	7.0	0.8	5.6	0.7	1.54	26.2	88.4	6.2	142.8	4.1	24.74
27338	Soil	11.9	1.5	9.3	1.7	4.5	0.5	3.8	0.5	1.34	21.6	88.0	4.0	115.0	2.9	25.99

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Project: True Blue  
 Report Date: August 31, 2010

Page: 6 of 10 Part 1

CERTIFICATE OF ANALYSIS

WHI10000227.1

Method Analyte	Unit	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
MDL		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
27339	Soil	74.90	84.55	29.61	157.7	<20	31.3	4.7	1160	4.59	14.6	4.6	<0.1	32.4	23	0.48	4.21	1.22	235	0.32	0.093
27340	Soil	19.01	18.77	18.49	133.6	<20	18.9	3.2	693	4.44	7.4	2.9	<0.1	15.2	21	0.28	1.83	0.67	102	0.27	0.058
27341	Soil	18.39	9.43	7.96	22.0	<20	36.4	5.4	614	2.84	16.2	2.1	<0.1	25.5	12	0.08	1.63	0.72	287	0.27	0.103
27342	Soil	86.59	802.3	102.9	420.9	1079	36.6	9.2	1739	7.20	28.5	2.3	<0.1	15.1	40	2.96	6.48	45.21	66	0.68	0.021
27343	Soil	27.76	17.80	13.18	51.0	36	44.3	6.8	442	2.05	16.1	1.8	<0.1	21.3	55	0.19	1.84	0.75	274	0.42	0.085
27344	Soil	46.74	59.60	32.14	147.2	137	70.9	23.3	1182	5.61	41.7	4.2	<0.1	25.6	49	0.83	3.20	15.50	276	0.43	0.163
27345	Soil	16.07	9.48	7.54	260.1	<20	25.2	3.7	424	2.34	9.8	2.2	<0.1	21.9	40	0.79	1.30	0.44	191	0.29	0.070
27346	Soil	6.33	48.92	9.38	67.3	99	93.7	22.2	208	2.65	24.9	1.4	<0.1	13.2	31	0.27	2.30	0.96	275	0.33	0.135
27347	Soil	5.07	52.39	6.47	31.2	87	52.8	11.9	233	3.50	22.0	2.1	<0.1	11.3	23	0.12	1.56	1.22	296	0.27	0.103
27348	Soil	6.13	55.56	14.99	62.6	137	62.9	15.3	185	2.95	40.6	2.3	<0.1	12.4	28	0.23	3.29	1.62	250	0.29	0.181
27349	Soil	6.43	79.69	9.63	44.9	62	86.0	26.1	248	4.05	71.5	2.4	<0.1	13.1	24	0.15	2.69	2.19	264	0.26	0.149
27350	Soil	5.77	83.55	11.61	63.8	148	57.9	18.7	244	3.81	72.9	2.6	<0.1	10.8	67	0.20	2.38	2.10	225	0.29	0.212
27365	Soil	4.76	17.20	33.81	62.6	37	10.2	3.5	194	3.55	11.2	3.4	<0.1	21.4	96	0.32	1.16	0.51	54	0.41	0.069
27366	Soil	8.40	24.61	36.67	70.5	132	7.3	4.0	287	3.25	10.0	3.5	<0.1	17.6	258	0.41	1.11	0.58	43	0.82	0.080
27367	Soil	2.86	24.16	43.59	123.0	141	8.9	7.9	362	3.43	6.4	2.5	<0.1	12.5	380	0.37	0.79	0.40	68	1.60	0.080
27368	Soil	4.08	25.09	38.91	72.2	99	7.9	5.6	374	3.61	13.5	3.0	<0.1	16.8	283	0.20	1.09	0.58	55	1.00	0.076
27369	Soil	3.19	22.04	17.15	58.6	91	7.8	7.3	362	3.13	8.8	2.2	<0.1	8.8	389	0.16	0.82	0.36	69	1.61	0.095
27370	Soil	3.47	19.08	21.42	45.3	200	8.0	5.6	303	2.53	12.4	2.7	<0.1	10.5	329	0.17	0.90	0.45	51	1.20	0.089
27371	Soil	5.37	29.83	45.34	55.4	<20	14.6	9.4	412	4.07	32.0	3.5	<0.1	17.5	348	0.27	1.51	0.67	88	1.45	0.075
27372	Soil	5.37	44.84	32.25	42.6	<20	23.2	8.7	273	5.92	57.4	6.3	<0.1	44.5	119	0.30	2.83	1.29	78	0.43	0.085
27373	Soil	5.05	55.53	28.51	46.8	<20	15.8	6.4	299	6.93	56.2	4.9	<0.1	34.7	128	0.28	2.65	1.37	75	0.60	0.082
27374	Soil	7.42	22.54	23.98	34.6	*	10.4	2.9	180	4.56	24.6	4.1	<0.1	27.6	78	0.31	1.72	1.16	52	0.30	0.058
27375	Soil	4.26	11.49	13.01	37.5	137	11.9	3.8	272	3.32	17.2	3.3	<0.1	18.1	108	0.21	1.02	0.83	65	0.51	0.074
27376	Soil	4.28	15.08	20.50	51.1	<20	20.9	7.1	318	4.56	27.0	3.5	<0.1	18.2	150	0.24	1.57	1.31	93	0.75	0.064
27377	Soil	52.32	15.93	26.73	50.1	<20	15.9	6.0	256	5.22	26.4	4.2	<0.1	25.0	151	0.37	1.74	1.77	75	0.65	0.073
27378	Soil	5.02	12.45	16.95	43.5	<20	15.8	5.5	278	4.01	15.3	4.1	<0.1	20.3	153	0.28	1.33	1.71	82	0.73	0.040
27379	Soil	4.05	19.98	33.59	46.5	<20	14.5	5.6	257	4.91	26.8	3.9	<0.1	26.0	113	0.34	1.92	1.68	65	0.51	0.069
27380	Soil	4.01	17.20	14.42	44.7	<20	21.6	8.4	319	3.57	15.6	3.9	<0.1	16.4	143	0.19	1.11	0.71	73	0.61	0.074
27381	Soil	4.01	14.24	25.07	52.8	90	18.1	7.7	270	4.55	18.4	3.2	<0.1	13.7	153	0.23	1.39	1.17	88	0.64	0.092
27382	Soil	10.16	20.13	31.97	61.2	639	25.4	9.8	280	6.39	25.3	2.9	<0.1	15.2	153	0.24	2.01	1.63	99	0.69	0.083

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Project: True Blue  
 Report Date: August 31, 2010

Page: 6 of 10 Part 2

CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
27339	Soil	137.0	46	0.68	936	0.147	7.06	0.749	3.42	5.0	54.1	7.0	4	7.3	0.04	66.4	226.2	30.5	112.8	18.5	1.9
27340	Soil	60.6	22	0.70	763	0.158	7.49	1.138	3.24	3.1	51.0	6.1	4	4.2	<0.04	29.4	141.9	14.8	53.6	7.9	0.8
27341	Soil	83.6	51	0.56	464	0.170	6.37	0.247	3.22	4.0	56.0	5.5	4	9.4	0.08	25.7	158.1	20.7	73.4	11.2	1.2
27342	Soil	32.4	15	0.63	1046	0.071	6.93	0.629	2.51	1.5	48.1	2.8	5	2.0	0.18	21.7	58.46	7.2	26.9	4.8	0.8
27343	Soil	25.6	50	0.57	696	0.174	6.29	1.032	2.32	2.5	53.5	2.1	4	10.0	0.04	14.5	54.70	6.4	23.8	4.2	0.5
27344	Soil	46.9	68	0.60	480	0.119	6.18	0.831	2.50	2.6	64.0	3.1	5	9.9	0.13	18.5	104.0	11.7	43.5	7.1	0.9
27345	Soil	53.9	33	0.47	407	0.190	6.24	0.739	2.68	4.4	64.5	5.3	4	6.1	0.05	14.9	102.6	11.5	43.7	6.7	0.9
27346	Soil	21.3	49	0.63	401	0.113	5.68	1.540	1.79	1.1	57.4	1.6	2	9.4	0.05	8.6	42.11	5.2	18.7	2.9	0.4
27347	Soil	34.4	60	0.77	1129	0.109	6.07	0.756	2.46	1.6	76.5	2.3	3	9.9	<0.04	9.8	69.33	8.7	31.3	4.8	0.4
27348	Soil	18.3	53	0.61	595	0.167	5.32	1.029	2.08	6.0	77.1	1.9	2	7.9	0.08	9.8	36.45	4.5	16.5	2.8	0.2
27349	Soil	26.7	60	0.68	677	0.141	5.53	0.490	2.69	5.0	92.8	3.9	3	8.5	0.05	11.4	55.19	6.9	26.5	4.2	0.4
27350	Soil	30.7	58	0.59	858	0.220	4.76	0.542	2.37	6.4	92.7	3.9	2	8.5	0.08	9.6	64.16	7.5	27.7	4.3	0.3
27365	Soil	89.7	37	0.62	1100	0.255	4.87	1.373	1.80	1.7	205.7	4.5	3	4.5	0.09	20.1	183.1	19.3	65.3	9.6	0.7
27366	Soil	54.0	19	0.69	1119	0.213	6.16	2.063	2.25	1.5	244.8	4.6	2	3.8	0.08	18.4	106.2	11.9	40.7	6.1	0.5
27367	Soil	41.8	15	0.95	931	0.302	6.53	2.250	2.01	0.9	178.0	3.1	2	5.8	0.05	14.5	83.37	9.5	34.3	5.2	0.6
27368	Soil	55.4	23	0.81	1208	0.271	6.26	2.279	2.29	1.4	230.9	4.2	2	4.5	0.08	18.5	108.8	12.0	42.7	6.2	0.5
27369	Soil	26.7	18	0.87	924	0.313	5.93	2.284	1.91	1.0	173.9	2.3	1	5.4	0.06	12.4	56.11	6.3	22.7	3.5	0.5
27370	Soil	26.4	22	0.69	853	0.251	6.37	2.389	2.01	1.2	193.7	3.4	1	4.5	0.05	14.5	53.86	6.0	21.9	3.4	0.5
27371	Soil	61.5	41	1.03	1007	0.362	6.80	2.089	1.89	1.8	188.7	4.2	2	7.2	0.05	21.3	122.7	13.0	45.9	6.6	0.7
27372	Soil	101.9	86	1.20	1534	0.297	6.53	1.696	2.25	2.7	236.5	6.6	3	9.0	0.10	28.4	194.7	20.2	71.6	10.2	1.0
27373	Soil	128.4	58	0.99	996	0.302	6.18	1.923	1.67	3.0	205.8	5.7	3	7.8	0.07	28.3	241.8	24.8	86.0	11.6	1.2
27374	Soil	80.7	49	0.97	718	0.217	5.95	2.830	1.49	3.0	269.9	7.0	3	5.6	0.05	27.3	153.0	15.9	55.0	7.3	0.6
27375	Soil	56.5	45	0.85	550	0.278	5.28	2.726	1.15	2.1	211.7	4.2	2	5.5	0.04	21.5	113.5	12.0	41.5	6.1	0.7
27376	Soil	73.1	69	1.18	683	0.327	6.28	2.125	1.25	2.2	159.0	3.6	2	8.7	<0.04	20.2	145.2	15.4	53.2	7.5	0.8
27377	Soil	77.0	53	0.79	676	0.276	5.57	2.299	1.23	2.6	220.7	3.8	2	6.1	0.07	23.2	151.0	15.5	55.2	6.9	0.8
27378	Soil	69.6	48	0.85	790	0.311	5.60	2.086	1.44	2.5	220.7	5.1	3	6.9	<0.04	22.1	135.5	14.4	50.9	6.9	0.9
27379	Soil	93.4	49	0.80	717	0.235	5.52	1.986	1.40	3.0	201.4	6.1	3	5.5	0.06	22.6	181.3	18.1	64.1	7.8	0.9
27380	Soil	72.7	52	1.22	624	0.291	5.91	2.499	1.09	3.4	185.7	3.2	2	6.9	<0.04	22.2	147.5	15.3	55.5	8.0	1.1
27381	Soil	55.4	62	0.82	631	0.293	5.31	2.142	1.16	1.4	158.5	2.8	2	7.0	0.07	17.2	111.1	11.6	42.8	6.0	0.7
27382	Soil	45.5	72	0.96	723	0.294	5.96	1.655	1.32	1.6	124.5	2.3	2	7.9	0.07	14.6	91.61	9.8	35.6	5.1	0.7

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Project: True Blue  
Report Date: August 31, 2010

Page: 6 of 10 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.04	0.1	0.02	0.02
27339	Soil	16.3	2.4	14.4	2.5	6.6	0.8	5.5	0.7	1.19	32.0	111.1	5.1	129.0	4.1	33.71
27340	Soil	6.8	1.0	6.7	1.2	3.3	0.4	2.8	0.4	1.08	30.2	102.1	4.5	116.8	3.3	37.82
27341	Soil	8.1	1.1	5.1	0.9	2.3	0.3	2.0	0.3	1.34	18.9	95.3	2.1	46.51	5.6	24.51
27342	Soil	4.3	0.6	3.6	0.6	1.7	0.2	1.7	0.3	1.22	19.7	64.9	0.5	18.54	5.1	20.13
27343	Soil	3.1	0.4	2.6	0.5	1.2	0.2	1.3	0.2	1.40	15.7	69.5	0.8	22.01	3.5	17.04
27344	Soil	5.1	0.7	3.5	0.6	1.5	0.2	1.5	0.2	1.57	15.2	79.0	0.8	18.63	3.5	18.44
27345	Soil	4.7	0.6	3.1	0.5	1.5	0.2	1.5	0.2	1.71	11.6	78.3	1.5	47.79	4.4	18.33
27346	Soil	2.4	0.3	1.5	0.3	0.8	0.1	0.8	0.1	1.49	9.7	60.3	0.2	4.40	2.5	14.45
27347	Soil	3.5	0.4	2.1	0.3	1.0	0.1	1.1	0.2	1.95	13.6	74.9	0.3	5.61	3.9	17.27
27348	Soil	2.1	0.3	1.6	0.3	0.9	0.1	1.0	0.2	1.94	17.5	77.9	0.7	13.29	3.5	14.19
27349	Soil	2.9	0.4	2.2	0.4	1.2	0.2	1.3	0.2	2.13	19.6	87.8	0.5	11.54	5.1	13.71
27350	Soil	2.4	0.3	1.9	0.3	1.0	0.1	1.3	0.2	2.24	14.5	82.6	0.7	14.65	4.0	14.08
27365	Soil	6.5	0.8	4.2	0.7	2.0	0.3	2.2	0.3	4.80	13.0	68.1	3.8	98.67	2.8	18.83
27366	Soil	4.2	0.6	3.5	0.7	1.9	0.3	2.2	0.3	5.62	18.5	75.1	3.1	76.25	3.8	22.89
27367	Soil	3.8	0.5	3.3	0.6	1.6	0.2	1.6	0.2	4.16	17.0	47.2	2.1	51.30	2.6	20.60
27368	Soil	4.1	0.6	3.6	0.7	1.8	0.3	1.9	0.3	5.37	18.1	63.2	3.1	78.07	2.6	22.44
27369	Soil	2.7	0.4	2.5	0.5	1.3	0.2	1.4	0.2	4.04	15.4	44.0	1.8	38.52	2.0	19.53
27370	Soil	2.8	0.4	2.9	0.5	1.7	0.2	1.5	0.2	4.53	18.7	52.8	1.9	41.03	3.1	19.93
27371	Soil	5.0	0.7	4.1	0.8	2.2	0.3	2.2	0.3	4.81	21.4	53.0	3.2	72.21	3.6	21.62
27372	Soil	7.6	1.0	6.0	1.1	2.9	0.4	2.8	0.4	5.44	21.9	80.4	4.4	107.9	6.4	29.40
27373	Soil	8.4	1.0	6.1	1.1	2.9	0.4	2.9	0.4	5.14	19.0	59.8	4.1	101.6	2.9	24.32
27374	Soil	5.0	0.7	5.0	1.0	2.7	0.4	2.9	0.4	5.83	21.8	64.0	5.3	131.6	2.4	26.48
27375	Soil	4.5	0.6	4.0	0.8	2.3	0.3	2.3	0.3	4.61	15.8	41.8	3.7	87.04	2.1	20.50
27376	Soil	4.8	0.7	4.2	0.8	2.0	0.3	2.0	0.3	3.59	23.8	44.9	2.6	63.66	3.5	20.40
27377	Soil	4.9	0.7	4.5	0.9	2.5	0.3	2.3	0.3	4.91	21.0	48.3	3.5	95.33	2.0	21.87
27378	Soil	5.0	0.7	4.7	0.9	2.5	0.3	2.4	0.3	5.03	20.9	59.0	3.6	89.38	2.5	21.12
27379	Soil	5.4	0.8	5.0	0.9	2.4	0.3	2.3	0.3	4.60	24.0	57.2	4.0	104.3	5.9	22.35
27380	Soil	6.0	0.9	5.4	0.9	2.6	0.3	2.2	0.3	4.08	26.2	39.4	2.3	53.15	2.3	19.22
27381	Soil	3.9	0.6	3.7	0.7	1.9	0.2	1.7	0.3	3.46	20.6	47.5	1.6	36.39	2.4	18.07
27382	Soil	3.8	0.5	3.4	0.6	1.7	0.2	1.5	0.2	3.02	24.9	50.2	1.3	27.48	3.1	18.72



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 Report Date: August 31, 2010

Page: 7 of 10 Part 1

CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
27383	Soil	2.47	15.99	16.73	50.5	<20	19.9	8.1	338	3.36	10.5	2.8	<0.1	15.1	179	0.22	1.23	1.13	91	0.96	0.059
27384	Soil	5.28	35.06	34.99	71.8	172	15.5	8.4	240	4.30	22.8	3.4	<0.1	15.9	114	0.31	1.41	2.42	74	0.51	0.079
27385	Soil	8.25	39.08	34.48	92.2	643	12.5	11.7	218	3.24	8.8	3.8	<0.1	14.4	69	0.55	0.80	1.68	44	0.26	0.196
27386	Soil	7.16	21.49	22.56	92.8	221	10.6	5.6	134	2.33	10.3	3.5	<0.1	13.8	69	0.71	1.03	0.81	55	0.25	0.163
27387	Soil	6.35	38.57	61.06	182.0	187	15.2	3.7	153	2.90	33.1	3.2	<0.1	13.7	61	1.33	1.15	1.58	70	0.22	0.141
27388	Soil	3.29	20.40	32.71	87.5	67	19.7	6.7	292	3.87	14.0	2.5	<0.1	10.8	171	0.28	1.46	0.93	92	0.79	0.093
27389	Soil	6.45	15.74	21.57	68.6	<20	20.1	5.8	254	3.52	9.0	3.8	<0.1	19.4	153	0.19	1.19	0.86	77	0.75	0.101
27390	Soil	3.04	16.55	17.60	61.2	20	39.1	7.6	232	2.45	9.2	3.1	<0.1	11.0	119	0.43	1.19	1.30	187	0.60	0.115
27391	Soil	6.07	22.81	27.32	36.0	39	41.6	8.2	718	5.56	20.5	3.0	<0.1	12.3	61	0.21	1.34	2.82	225	0.37	0.131
27392	Soil	2.12	7.50	9.90	29.3	56	34.1	4.4	143	1.88	5.8	3.1	<0.1	10.9	77	0.11	1.02	0.72	269	0.49	0.148
27393	Soil	2.68	8.49	12.62	35.9	<20	25.6	2.9	142	1.71	11.2	2.9	<0.1	11.1	61	0.18	1.98	1.05	278	0.33	0.068
27394	Soil	3.49	11.93	14.96	44.4	79	25.5	3.8	178	1.99	16.8	2.6	<0.1	11.0	99	0.18	2.08	3.27	200	0.56	0.100
27395	Soil	3.34	14.91	39.95	65.1	66	35.8	6.6	213	2.33	20.5	2.5	<0.1	10.7	93	0.19	2.74	1.49	229	0.52	0.107
27396	Soil	1.93	8.37	14.92	36.9	43	26.6	2.1	96	1.60	11.5	2.5	<0.1	9.2	59	0.19	0.97	1.42	265	0.31	0.093
27397	Soil	4.86	32.88	13.31	83.0	70	24.9	12.0	1023	2.48	13.2	2.2	<0.1	8.3	267	0.46	1.11	0.85	133	0.95	0.183
27398	Soil	6.28	51.68	15.63	83.0	59	50.3	13.7	338	3.24	24.5	2.4	<0.1	12.3	279	0.20	1.55	0.97	133	1.06	0.156
27399	Soil	6.97	58.99	140.7	176.1	126	64.2	16.6	314	3.46	34.0	2.1	<0.1	17.6	54	0.37	2.20	1.15	219	0.34	0.182
27400	Soil	6.61	54.48	21.95	136.4	41	64.3	13.2	378	3.28	33.3	2.4	<0.1	15.5	86	0.27	1.87	3.93	181	0.44	0.224
27461	Soil	8.85	16.41	9.09	36.7	26	27.6	6.7	343	2.37	7.5	2.8	<0.1	17.8	151	0.42	0.84	0.91	168	0.99	0.347
27462	Soil	8.63	12.90	11.08	36.9	<20	26.4	6.7	322	2.79	12.0	3.0	<0.1	14.2	174	0.15	1.02	0.75	159	0.66	0.108
27463	Soil	6.76	5.42	10.68	51.0	<20	21.7	4.4	191	2.73	5.9	4.7	<0.1	17.0	111	0.19	0.94	0.52	136	0.59	0.135
27464	Soil	6.85	11.19	7.92	44.9	22	16.3	7.5	435	1.90	4.0	2.4	<0.1	7.1	155	0.65	0.53	0.75	132	1.23	0.140
27465	Soil	5.53	10.05	15.12	54.7	101	21.4	11.3	733	3.80	11.8	5.3	<0.1	15.8	124	0.34	1.08	4.88	145	0.68	0.117
27466	Soil	5.66	10.15	12.04	50.4	<20	21.0	11.9	747	3.91	11.4	5.0	<0.1	15.2	129	0.24	1.04	1.30	146	0.75	0.114
27467	Soil	2.46	15.56	10.24	47.0	49	11.2	5.4	369	1.80	4.9	1.7	<0.1	5.3	504	0.11	0.53	0.17	84	1.59	0.048
27468	Soil	4.29	4.42	4.53	19.5	29	54.1	3.4	461	2.43	4.3	2.3	<0.1	17.0	64	0.12	1.10	0.18	360	0.98	0.132
27469	Soil	1.88	15.13	9.14	44.5	106	7.4	6.5	356	1.96	1.7	1.7	<0.1	4.6	422	0.15	0.48	0.18	60	1.47	0.105
27470	Soil	1.72	16.41	8.71	49.5	88	6.0	7.5	402	1.96	2.0	1.6	<0.1	4.1	566	0.14	0.45	0.14	53	1.95	0.052
27471	Soil	2.05	14.15	9.15	45.6	72	7.3	6.0	367	2.24	2.9	2.0	<0.1	7.3	385	0.14	0.60	0.23	67	1.22	0.098
27472	Soil	1.76	15.58	8.72	63.5	190	6.1	7.9	422	2.09	2.4	1.8	<0.1	4.7	562	1.21	0.44	0.19	59	1.93	0.072

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Project: True Blue  
 Report Date: August 31, 2010

Page: 7 of 10 Part 2

CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
27383	Soil	51.9	54	0.79	866	0.347	5.20	1.794	1.57	2.1	122.1	3.1	2	7.8	<0.04	16.1	105.8	11.5	41.9	5.5	0.7
27384	Soil	116.5	40	0.89	992	0.264	6.11	2.154	1.66	2.2	203.6	4.6	3	5.8	0.07	20.4	223.4	24.1	86.0	11.3	1.2
27385	Soil	78.2	22	0.65	677	0.176	5.75	2.818	0.89	3.6	281.0	3.1	2	4.2	0.11	20.0	157.1	16.4	60.5	8.1	0.7
27386	Soil	52.5	24	0.59	676	0.234	5.50	2.696	0.99	5.6	363.8	3.8	2	4.0	0.11	18.6	103.6	11.2	41.2	6.0	0.6
27387	Soil	67.0	22	0.62	626	0.182	5.52	2.903	1.19	3.2	313.1	5.2	3	4.3	0.09	14.9	134.7	14.3	53.4	7.4	0.6
27388	Soil	44.9	53	0.76	853	0.314	5.53	1.686	1.57	1.5	102.7	3.1	2	7.4	0.06	12.3	85.77	9.6	35.3	5.0	0.7
27389	Soil	84.9	45	0.99	865	0.287	5.78	1.851	1.64	2.7	152.0	5.0	3	6.8	0.04	18.9	168.0	17.9	66.0	9.5	0.9
27390	Soil	38.7	85	0.84	896	0.354	4.83	1.056	1.73	4.0	78.7	3.1	2	9.0	<0.04	11.9	76.33	8.8	34.1	4.9	0.6
27391	Soil	37.0	79	0.74	958	0.196	4.45	0.574	1.93	2.5	78.7	4.5	3	8.5	<0.04	10.4	73.89	8.1	31.6	4.6	0.5
27392	Soil	33.1	77	0.86	904	0.297	4.93	0.694	1.85	4.5	83.7	3.9	3	9.1	<0.04	9.8	61.14	7.7	29.5	4.0	0.4
27393	Soil	42.1	57	0.73	932	0.262	4.78	0.707	1.86	4.8	87.6	4.0	3	8.4	<0.04	9.9	85.09	9.8	36.9	5.3	0.5
27394	Soil	46.2	57	0.71	703	0.275	4.84	0.946	1.55	7.2	73.7	2.7	3	8.2	0.04	10.2	91.47	10.6	39.8	5.6	0.6
27395	Soil	40.0	56	1.00	768	0.268	5.30	1.071	1.52	5.5	74.2	2.7	2	9.0	<0.04	10.9	79.94	9.0	34.2	5.0	0.5
27396	Soil	23.8	57	0.89	362	0.274	5.36	1.434	0.77	7.0	83.0	2.3	2	8.5	0.04	8.3	44.77	5.5	20.4	3.0	0.3
27397	Soil	20.7	36	0.61	913	0.254	4.90	1.624	1.91	4.5	90.7	1.6	1	5.8	0.11	8.0	38.47	4.4	17.2	2.6	0.3
27398	Soil	26.1	39	0.76	948	0.265	5.33	1.739	1.80	3.0	89.5	1.4	2	6.9	0.10	10.5	49.88	5.7	23.4	3.4	0.5
27399	Soil	21.0	56	0.83	1327	0.181	5.48	0.596	2.03	2.2	76.6	1.1	2	9.0	0.08	8.1	42.60	4.7	18.2	2.5	0.3
27400	Soil	30.3	57	0.49	701	0.245	4.69	1.150	1.71	3.1	73.1	1.7	2	7.7	0.07	9.2	56.82	6.5	23.9	3.5	0.4
27461	Soil	32.6	54	0.59	477	0.267	4.26	1.299	1.52	1.9	68.0	3.1	2	8.2	0.11	11.6	58.81	7.2	26.4	4.1	0.4
27462	Soil	32.0	48	0.56	572	0.272	5.04	1.628	1.64	1.9	74.0	2.9	2	7.2	<0.04	14.1	65.73	6.7	26.0	3.8	0.6
27463	Soil	75.6	39	1.03	714	0.288	5.56	1.391	1.80	2.6	128.8	4.3	3	6.7	0.05	21.9	147.4	16.3	63.4	9.6	1.1
27464	Soil	18.6	48	0.68	584	0.192	4.18	1.109	1.58	1.5	60.6	2.1	1	7.2	0.13	7.8	34.52	4.0	15.7	2.6	0.4
27465	Soil	48.4	49	0.95	965	0.267	6.07	1.164	2.14	1.9	108.2	5.6	3	7.9	<0.04	17.6	101.3	10.9	43.5	6.8	0.8
27466	Soil	51.4	48	0.96	925	0.282	6.12	1.165	2.12	2.0	102.0	4.5	3	7.8	0.04	17.6	105.1	12.0	45.2	7.1	0.9
27467	Soil	15.0	17	0.63	805	0.236	6.19	2.749	2.20	1.0	114.0	2.3	1	5.0	<0.04	6.6	29.29	3.5	13.0	2.0	0.4
27468	Soil	11.9	75	1.05	576	0.117	7.42	0.812	2.59	4.4	66.7	5.0	4	9.1	0.11	9.3	25.79	3.2	13.2	1.9	0.2
27469	Soil	17.7	16	0.63	751	0.256	5.44	2.333	1.84	0.7	104.9	1.6	1	5.5	0.05	7.1	33.33	3.8	14.6	2.4	0.5
27470	Soil	13.1	7	0.71	760	0.289	6.15	2.842	2.08	0.5	113.5	0.9	1	4.8	<0.04	6.8	25.32	3.0	11.3	1.8	0.5
27471	Soil	22.6	15	0.64	912	0.289	5.87	2.067	2.00	1.0	115.2	2.4	2	4.7	<0.04	8.3	43.74	5.1	20.1	3.1	0.4
27472	Soil	15.4	9	0.74	790	0.279	6.27	2.759	2.09	0.5	118.0	1.1	1	4.9	<0.04	7.5	29.81	3.6	14.1	2.2	0.5

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: True Blue  
Report Date: August 31, 2010

Page: 7 of 10 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.04	0.1	0.02	
27383	Soil	4.1	0.5	3.2	0.6	1.6	0.2	1.7	0.3	3.02	20.8	60.5	2.6	53.45	2.3	16.88
27384	Soil	6.8	0.9	4.7	0.7	1.9	0.3	1.9	0.2	4.10	24.8	65.1	1.2	22.38	3.1	22.14
27385	Soil	5.2	0.8	4.4	0.7	2.0	0.3	1.9	0.3	5.59	15.6	39.3	1.3	23.46	6.1	18.72
27386	Soil	4.6	0.6	3.8	0.7	2.1	0.3	1.9	0.3	6.95	13.3	38.1	2.1	37.91	8.1	20.94
27387	Soil	4.9	0.6	3.4	0.6	1.7	0.2	1.8	0.3	5.88	13.8	48.6	1.5	27.40	6.9	22.70
27388	Soil	3.7	0.5	2.9	0.5	1.3	0.2	1.4	0.2	2.49	19.1	60.4	1.0	15.94	2.6	16.77
27389	Soil	7.0	0.9	4.8	0.7	2.0	0.2	1.9	0.3	3.58	19.5	58.3	1.7	28.50	2.0	18.05
27390	Soil	3.5	0.5	2.5	0.5	1.2	0.2	1.3	0.2	2.16	21.5	70.3	0.9	15.24	3.7	15.25
27391	Soil	3.6	0.4	2.5	0.4	1.1	0.2	1.4	0.2	2.01	19.1	69.9	0.5	8.29	6.3	15.28
27392	Soil	2.8	0.4	2.2	0.4	1.0	0.1	1.3	0.2	2.22	25.3	74.5	0.7	12.78	5.9	17.47
27393	Soil	3.8	0.4	2.3	0.4	1.0	0.2	1.4	0.2	2.27	20.7	66.1	0.9	14.86	3.9	18.18
27394	Soil	3.2	0.5	2.5	0.4	1.1	0.1	1.2	0.2	1.98	19.9	56.2	0.8	13.56	3.4	15.83
27395	Soil	3.6	0.5	2.6	0.4	1.2	0.2	1.2	0.2	1.92	26.8	55.5	0.7	12.68	4.1	17.41
27396	Soil	2.3	0.3	1.7	0.3	0.9	0.1	1.1	0.2	2.11	18.8	32.3	0.7	12.67	3.8	17.35
27397	Soil	2.0	0.3	1.7	0.3	0.9	0.1	0.8	0.1	2.24	13.7	61.6	0.8	19.55	1.8	15.87
27398	Soil	2.6	0.4	2.1	0.4	1.0	0.2	1.1	0.2	2.22	17.8	56.8	0.9	19.37	2.4	15.93
27399	Soil	2.2	0.3	1.4	0.3	1.0	0.1	1.0	0.1	1.85	16.4	73.6	0.5	8.00	7.0	15.36
27400	Soil	2.2	0.3	1.8	0.3	1.0	0.1	1.1	0.1	1.88	11.9	76.0	1.1	23.45	2.2	14.80
27461	Soil	3.2	0.4	2.4	0.4	1.1	0.1	1.1	0.1	1.73	10.2	63.3	1.3	36.03	2.6	16.35
27462	Soil	3.1	0.5	3.2	0.5	1.4	0.2	1.4	0.2	1.87	13.4	58.2	1.9	42.31	1.5	17.55
27463	Soil	7.0	0.9	5.2	0.8	2.4	0.3	1.9	0.3	3.01	13.8	59.6	3.3	66.27	1.9	21.15
27464	Soil	1.9	0.3	1.6	0.3	0.7	<0.1	0.7	<0.1	1.60	10.5	56.3	0.7	13.31	1.9	13.16
27465	Soil	5.1	0.7	4.0	0.6	1.7	0.2	1.7	0.3	2.91	13.2	76.1	1.7	37.05	2.3	20.44
27466	Soil	5.6	0.8	4.1	0.7	1.9	0.2	1.8	0.2	2.86	13.4	74.3	1.7	53.99	2.1	19.65
27467	Soil	1.7	0.2	1.3	0.2	0.6	<0.1	0.7	0.1	2.95	17.1	51.7	0.8	14.05	1.4	18.17
27468	Soil	1.8	0.3	1.6	0.3	0.9	0.1	1.0	0.2	1.78	17.9	87.8	0.3	5.48	4.1	22.02
27469	Soil	2.0	0.3	1.6	0.3	0.7	<0.1	0.7	<0.1	2.81	13.7	43.5	0.5	8.63	1.3	16.10
27470	Soil	1.9	0.2	1.3	0.2	0.7	<0.1	0.7	<0.1	2.96	16.7	41.4	0.4	6.08	1.2	18.11
27471	Soil	2.6	0.3	1.8	0.3	0.8	0.1	0.9	0.1	3.07	13.5	54.2	0.7	13.47	1.5	19.55
27472	Soil	2.3	0.3	1.6	0.3	0.7	<0.1	0.8	0.1	3.20	15.8	42.6	0.6	8.91	1.4	18.05



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Project: True Blue  
 Report Date: August 31, 2010

Page: 8 of 10 Part 1

CERTIFICATE OF ANALYSIS

WHI10000227.1

	Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
27473	Soil	2.13	17.97	9.54	56.4	150	5.5	8.0	512	2.29	3.1	1.7	<0.1	5.0	548	0.13	0.49	0.22	56	2.13	0.064
27474	Soil	3.11	15.13	10.06	54.6	151	8.6	9.6	1141	3.67	9.4	2.6	<0.1	5.6	332	0.21	0.77	1.05	64	1.23	0.197
27475	Soil	4.32	12.61	8.23	51.8	268	9.3	8.4	364	3.37	4.8	2.0	0.3	6.7	315	0.11	0.70	0.54	101	1.32	0.160
27476	Soil	7.27	14.90	10.76	58.5	<20	7.8	6.2	456	2.19	3.0	2.6	<0.1	12.0	408	0.12	0.51	0.29	82	1.67	0.134
27477	Soil	22.17	9.52	8.37	71.2	<20	16.3	5.1	482	2.90	5.3	4.9	<0.1	31.2	164	0.14	0.92	0.35	153	0.63	0.139
27478	Soil	22.68	7.21	9.06	71.0	<20	18.3	4.2	537	2.58	3.5	5.8	<0.1	29.5	130	0.17	0.84	0.22	173	0.57	0.117
27479	Soil	13.62	15.96	9.74	64.6	<20	7.3	7.6	843	2.24	3.3	2.3	<0.1	10.2	490	0.24	0.51	0.18	67	1.95	0.083
27480	Soil	103.7	8.75	11.24	175.4	<20	19.1	5.5	606	4.95	6.5	5.4	<0.1	48.5	49	0.52	1.12	0.48	93	0.32	0.109
27701	Soil	14.67	15.29	10.51	40.4	<20	56.1	15.2	1559	3.26	20.8	5.0	<0.1	20.3	208	0.16	0.99	0.49	210	0.84	0.226
27702	Soil	45.56	20.50	11.10	51.2	<20	228.2	22.7	671	4.21	45.7	5.2	<0.1	23.1	213	0.06	1.19	1.75	164	0.97	0.142
27703	Soil	10.70	15.87	9.71	43.0	<20	21.9	9.1	897	2.52	7.2	2.4	<0.1	15.6	368	0.08	0.63	0.35	85	1.42	0.143
27704	Soil	29.95	18.91	19.78	75.5	<20	39.6	45.0	4084	3.05	16.8	2.5	<0.1	15.4	56	0.29	0.98	1.46	148	0.47	0.237
27705	Soil	23.04	10.21	10.34	75.0	<20	31.5	10.3	1362	2.57	11.2	2.2	<0.1	24.6	64	0.16	1.08	0.79	215	0.48	0.170
27706	Soil	18.19	15.05	11.68	51.0	<20	26.2	8.0	1114	2.45	9.1	2.0	<0.1	22.9	174	0.10	0.83	0.87	145	0.66	0.148
27707	Soil	2.59	19.31	8.60	56.8	111	6.8	9.2	508	2.18	2.6	1.4	<0.1	4.6	541	0.15	0.37	0.15	54	2.17	0.082
27708	Soil	12.05	12.32	13.19	95.5	54	15.7	11.4	4244	2.29	4.4	1.7	<0.1	8.8	276	0.99	0.60	0.33	80	1.25	0.148
27709	Soil	4.11	21.02	14.70	94.1	199	15.0	11.2	602	2.23	5.9	1.7	<0.1	7.1	474	0.58	0.58	0.31	74	1.94	0.106
27710	Soil	7.10	27.05	17.32	98.6	<20	49.1	13.1	702	2.98	18.4	2.2	<0.1	13.6	112	0.47	1.15	1.35	193	0.55	0.140
27711	Soil	8.04	41.93	21.55	145.9	<20	71.9	32.6	502	3.84	43.4	2.1	<0.1	20.1	153	0.42	1.67	11.98	178	0.87	0.103
27712	Soil	4.61	22.45	17.78	73.7	<20	29.1	9.6	315	2.29	13.0	1.9	<0.1	9.9	216	0.21	0.84	2.05	148	0.88	0.110
27713	Soil	4.30	18.28	13.60	69.9	27	23.6	7.6	429	2.00	7.3	1.7	<0.1	9.4	243	0.16	0.72	0.50	119	0.87	0.156
27714	Soil	3.66	27.17	11.09	52.3	114	24.1	11.2	548	2.37	5.9	1.6	<0.1	6.2	395	0.13	0.58	0.25	86	1.55	0.125
27715	Soil	4.73	33.13	13.79	62.6	52	38.1	12.6	534	2.87	11.1	2.2	<0.1	10.2	208	0.33	0.84	0.46	123	0.93	0.147
27716	Soil	7.56	23.98	16.13	58.6	130	34.1	7.6	311	2.74	13.3	2.5	<0.1	10.0	111	0.14	0.93	1.16	118	0.62	0.186
27717	Soil	16.89	149.0	17.46	167.3	146	106.3	45.5	346	5.34	58.3	7.4	<0.1	23.4	151	0.67	2.72	1.46	217	0.39	0.165
27718	Soil	3.43	38.57	29.09	193.6	94	51.0	15.8	725	3.62	15.6	2.5	<0.1	15.7	143	0.84	1.47	0.82	122	3.26	0.067
27719	Soil	1.51	20.48	34.50	183.6	99	14.3	8.7	648	2.23	6.2	2.0	<0.1	7.5	306	0.64	0.64	0.25	63	3.42	0.095
27720	Soil	1.31	66.72	36.29	255.2	154	21.2	17.6	1003	3.46	9.5	3.2	<0.1	13.2	121	1.83	1.52	0.55	85	4.82	0.134
27721	Soil	1.21	23.19	32.01	166.5	184	22.1	10.2	651	2.84	14.0	2.1	<0.1	7.9	151	0.87	1.51	1.57	70	8.29	0.086
27722	Soil	1.34	19.22	34.29	204.5	185	16.1	11.3	854	2.63	205.0	2.1	<0.1	7.4	144	1.07	1.24	4.84	49	3.77	0.139

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Project: True Blue  
 Report Date: August 31, 2010

Page: 8 of 10 Part 2

CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
Unit	MDL	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
27473	Soil	17.4	9	0.68	806	0.282	9.07	2.852	2.28	0.7	143.4	1.0	2	4.7	<0.04	7.4	34.76	4.0	17.3	2.4	0.5
27474	Soil	22.3	18	0.62	612	0.234	5.78	1.849	1.62	1.1	115.0	1.8	2	4.9	0.09	8.7	44.44	4.9	21.3	3.0	0.5
27475	Soil	31.4	29	0.72	569	0.412	5.29	1.710	1.56	1.2	115.5	1.8	2	6.1	0.05	9.2	66.29	7.0	30.5	4.0	0.7
27476	Soil	47.6	18	0.75	750	0.282	8.15	2.297	2.06	1.5	128.0	2.3	2	4.9	<0.04	13.6	101.7	10.0	44.1	5.6	0.5
27477	Soil	131.2	45	1.33	562	0.294	5.54	1.546	1.71	3.2	104.6	1.6	3	6.1	<0.04	29.1	243.9	21.6	94.7	11.2	0.9
27478	Soil	145.9	47	1.60	542	0.273	5.55	1.588	1.72	3.2	116.5	2.1	4	6.2	<0.04	36.9	269.0	24.6	106.5	12.9	0.8
27479	Soil	32.9	14	0.80	773	0.263	8.70	2.678	2.13	1.2	128.8	0.9	2	4.7	<0.04	12.1	74.38	7.5	34.7	4.0	0.5
27480	Soil	143.5	51	1.47	395	0.263	5.19	1.442	1.21	2.1	70.4	2.3	5	4.5	0.07	36.9	277.6	25.1	111.9	14.4	1.0
27701	Soil	30.0	60	0.91	564	0.285	5.60	1.722	1.62	1.9	119.4	2.7	3	11.6	0.06	16.8	70.99	7.5	36.4	5.8	0.5
27702	Soil	42.1	57	1.66	523	0.269	6.37	2.076	1.27	2.4	93.7	2.2	4	8.6	<0.04	28.4	130.6	12.0	57.8	9.3	0.7
27703	Soil	17.0	19	0.60	670	0.240	6.32	2.265	1.90	1.2	113.5	1.8	2	4.6	0.06	9.7	35.16	4.0	18.5	2.5	0.4
27704	Soil	76.9	60	0.35	545	0.189	4.29	1.068	1.43	2.8	54.0	7.2	3	5.5	0.13	12.2	146.9	12.8	52.0	6.3	0.6
27705	Soil	42.7	75	0.46	558	0.274	5.27	1.285	2.04	3.0	73.1	2.8	4	8.1	<0.04	10.3	116.3	9.5	40.2	5.5	0.6
27706	Soil	31.5	47	0.44	540	0.260	5.02	1.664	1.72	1.7	79.8	3.1	2	5.5	<0.04	8.9	68.63	6.9	30.0	3.9	0.4
27707	Soil	15.0	9	0.70	757	0.268	8.59	2.735	2.10	0.6	121.4	0.8	2	4.4	<0.04	6.7	30.33	3.5	14.9	2.1	0.4
27708	Soil	20.6	29	0.51	623	0.219	4.67	1.625	1.51	1.1	78.0	2.3	1	4.5	0.10	7.2	47.45	4.4	18.4	2.5	0.4
27709	Soil	20.4	20	0.63	830	0.270	8.43	2.547	2.15	0.9	114.1	0.9	2	5.1	<0.04	6.6	38.50	4.4	18.6	2.5	0.4
27710	Soil	32.6	85	0.55	583	0.331	5.02	1.522	1.56	1.7	67.6	1.9	2	8.2	<0.04	10.7	71.47	6.9	29.7	4.0	0.5
27711	Soil	44.0	82	0.87	660	0.349	5.64	1.593	1.55	2.1	60.2	1.5	2	8.9	<0.04	12.4	139.4	9.9	43.9	6.7	0.8
27712	Soil	28.1	55	0.59	600	0.298	5.41	1.899	1.65	1.6	78.3	1.2	2	6.8	<0.04	8.5	60.17	5.7	24.1	3.3	0.5
27713	Soil	21.7	43	0.53	630	0.245	5.26	1.944	1.79	1.6	87.4	2.0	2	5.5	0.05	7.2	40.38	4.7	19.4	2.5	0.3
27714	Soil	21.7	26	0.68	784	0.260	5.98	2.443	1.86	1.1	103.8	0.9	1	5.4	0.05	6.3	39.40	4.6	18.8	2.5	0.4
27715	Soil	31.2	56	0.67	854	0.303	5.28	1.813	1.63	2.0	79.6	2.1	1	6.9	0.05	9.2	64.91	6.4	26.3	3.5	0.5
27716	Soil	30.9	61	0.51	724	0.311	4.23	1.237	1.41	2.5	64.9	1.8	1	6.4	0.05	9.7	62.23	6.3	26.5	3.6	0.5
27717	Soil	79.7	62	0.77	703	0.195	5.46	0.526	2.56	18.2	98.3	1.8	3	8.6	0.26	15.2	143.7	13.7	55.6	6.9	0.5
27718	Soil	59.9	85	2.14	997	0.400	5.06	1.143	1.50	3.6	73.3	2.8	3	9.4	0.05	25.5	107.7	10.9	46.8	6.7	1.0
27719	Soil	27.5	36	1.30	971	0.266	5.56	1.772	1.68	1.0	87.8	1.1	2	5.6	0.07	15.0	47.86	5.5	23.3	3.2	0.6
27720	Soil	54.8	54	3.24	1342	0.361	4.54	0.825	1.48	1.3	65.6	3.9	3	7.7	0.16	32.5	90.91	10.1	38.6	5.8	1.4
27721	Soil	32.3	46	2.17	1338	0.275	3.80	0.799	1.33	1.8	49.4	3.6	1	6.2	0.16	22.0	57.05	6.7	24.6	3.9	0.8
27722	Soil	28.6	36	1.58	1513	0.224	3.47	0.833	1.27	1.2	55.2	1.3	<1	5.2	0.17	19.0	48.55	5.6	20.2	3.5	0.6

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: True Blue  
Report Date: August 31, 2010

Page: 8 of 10 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.04	0.1	0.02	
27473	Soil	1.6	0.2	1.4	0.3	0.7	0.1	0.8	0.1	3.63	21.7	37.5	0.7	12.51	1.3	21.24
27474	Soil	2.2	0.3	1.9	0.4	0.9	0.1	0.8	0.1	2.87	14.6	31.0	1.0	18.47	1.4	17.92
27475	Soil	2.4	0.3	2.0	0.4	1.0	0.1	0.9	0.1	3.01	13.0	33.3	1.3	22.41	1.5	18.58
27476	Soil	3.3	0.5	2.9	0.5	1.4	0.2	1.3	0.2	3.38	18.1	43.4	2.6	52.52	1.5	21.20
27477	Soil	6.9	1.1	6.3	1.2	3.1	0.4	2.6	0.3	2.70	17.1	49.8	6.5	137.0	2.2	22.66
27478	Soil	8.3	1.3	8.1	1.5	3.9	0.5	3.2	0.4	2.80	19.6	58.1	8.0	200.2	2.7	24.96
27479	Soil	2.8	0.4	2.6	0.5	1.3	0.2	1.2	0.2	3.38	19.0	39.5	2.1	49.22	1.6	22.08
27480	Soil	9.8	1.5	9.4	1.7	4.4	0.6	3.8	0.5	1.69	24.3	42.3	9.9	232.1	2.6	36.10
27701	Soil	4.5	0.6	3.7	0.7	1.9	0.3	1.9	0.2	3.08	15.9	47.1	3.6	71.88	3.1	27.49
27702	Soil	6.8	1.0	6.0	1.2	3.2	0.4	2.6	0.3	2.38	25.2	30.5	3.2	75.88	2.1	29.03
27703	Soil	2.0	0.3	2.1	0.4	1.1	0.1	1.1	0.1	2.96	16.3	36.3	1.4	32.17	1.4	19.78
27704	Soil	3.4	0.5	3.0	0.5	1.1	0.2	1.0	0.1	1.41	9.0	54.6	3.2	59.81	2.7	16.22
27705	Soil	2.9	0.4	2.2	0.4	1.0	0.1	1.1	0.2	1.91	17.2	69.6	2.5	49.69	3.7	21.08
27706	Soil	2.2	0.3	1.9	0.3	0.9	0.1	0.8	0.1	2.16	12.8	45.9	1.7	35.99	1.8	17.80
27707	Soil	1.6	0.2	1.4	0.3	0.7	<0.1	0.7	<0.1	3.12	18.5	31.3	0.5	7.87	1.1	19.81
27708	Soil	1.7	0.2	1.5	0.3	0.7	<0.1	0.7	<0.1	2.09	12.3	39.3	1.2	23.45	1.4	14.32
27709	Soil	1.8	0.2	1.4	0.2	0.7	0.1	0.7	<0.1	3.06	18.5	40.2	0.6	10.05	1.5	20.11
27710	Soil	2.5	0.4	2.2	0.4	1.0	0.1	1.1	0.2	1.87	11.1	49.5	1.4	24.96	1.8	16.48
27711	Soil	4.0	0.5	2.7	0.4	1.1	0.2	1.2	0.2	1.69	16.0	44.6	1.1	20.50	1.8	15.71
27712	Soil	2.2	0.3	1.9	0.3	0.9	0.1	0.9	0.1	2.10	12.7	42.7	1.0	18.87	1.4	16.05
27713	Soil	1.7	0.2	1.5	0.3	0.7	0.1	0.7	0.1	2.25	12.8	44.6	0.8	16.66	1.7	16.38
27714	Soil	1.7	0.2	1.4	0.3	0.7	<0.1	0.7	0.1	2.69	15.2	33.2	0.5	8.42	1.1	16.48
27715	Soil	2.3	0.3	1.9	0.3	0.9	0.1	0.9	0.1	2.08	13.1	43.5	0.9	16.37	1.6	14.92
27716	Soil	2.3	0.3	2.1	0.4	1.0	0.1	1.0	0.1	1.70	9.0	46.4	1.3	24.48	1.9	13.56
27717	Soil	4.1	0.5	3.3	0.6	1.5	0.2	1.4	0.2	2.32	12.6	71.2	1.3	36.71	4.6	14.76
27718	Soil	5.3	0.7	4.6	0.9	2.4	0.3	2.0	0.3	2.04	18.8	62.3	1.6	42.10	2.1	12.03
27719	Soil	2.8	0.4	2.6	0.5	1.3	0.2	1.2	0.2	2.39	16.7	40.2	0.6	13.60	1.5	13.10
27720	Soil	5.1	0.9	5.2	1.0	2.6	0.3	2.2	0.3	1.79	23.8	76.1	1.0	28.58	2.8	9.68
27721	Soil	3.4	0.6	3.5	0.8	1.9	0.2	1.7	0.2	1.36	15.9	53.0	0.6	12.80	1.6	8.65
27722	Soil	3.1	0.5	3.0	0.6	1.6	0.2	1.6	0.2	1.48	13.7	50.3	0.4	7.53	3.1	8.19



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Project: True Blue  
 Report Date: August 31, 2010

Page: 9 of 10 Part 1

CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T Mo	1T Cu	1T Pb	1T Zn	1T Ag	1T Ni	1T Co	1T Mn	1T Fe	1T As	1T U	1T Au	1T Th	1T Sr	1T Cd	1T Sb	1T Bi	1T V	1T Ca	1T P
Unit	MDL	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
27723	Soil	1.97	18.94	26.73	97.0	137	9.0	8.2	810	2.29	19.0	1.4	<0.1	4.8	327	0.50	0.57	1.70	38	2.88	0.086
27724	Soil	2.10	19.75	17.59	84.5	119	9.8	7.0	721	2.25	7.3	1.7	<0.1	4.8	289	0.53	0.60	0.28	42	3.34	0.110
27725	Soil	0.90	7.40	105.4	84.8	364	19.8	6.1	715	1.73	7.3	1.7	<0.1	6.9	75	0.76	0.96	0.14	53	5.88	0.057
27726	Soil	1.16	9.80	173.2	170.8	451	20.1	5.4	519	1.84	5.4	1.6	<0.1	5.9	129	0.86	0.88	0.21	48	8.59	0.088
27727	Soil	1.08	7.08	111.4	169.7	276	18.3	4.8	631	1.58	5.0	1.4	<0.1	5.8	109	0.75	1.01	0.14	45	8.88	0.063
27728	Soil	0.67	13.74	58.52	85.3	176	14.6	5.3	644	1.65	4.4	1.4	<0.1	6.1	69	0.56	0.91	0.17	52	3.26	0.101
27729	Soil	2.34	17.03	51.74	161.7	435	14.6	4.5	706	1.17	3.6	1.5	<0.1	5.2	94	1.53	1.51	0.41	47	3.80	0.143
27730	Soil	1.15	14.82	189.2	265.1	1550	28.5	7.2	961	2.51	11.3	2.0	<0.1	12.2	74	2.21	2.00	0.26	86	3.28	0.110
27021	Soil	11.90	6.90	9.54	65.7	121	5.4	3.0	488	5.45	8.1	3.7	<0.1	25.5	58	0.34	0.94	1.29	27	0.23	0.064
27023	Soil	12.88	12.39	29.65	174.4	*	8.1	3.7	1085	5.69	18.1	4.7	<0.1	35.5	67	0.75	1.58	1.36	27	0.28	0.055
27024	Soil	10.47	13.03	35.84	188.5	<20	14.2	5.4	1246	5.15	21.4	4.0	<0.1	25.0	84	0.78	1.84	0.64	49	0.44	0.060
27025	Soil	18.67	13.10	9.91	52.1	<20	9.7	6.3	506	3.40	5.3	4.7	<0.1	18.5	41	0.13	1.02	0.23	44	0.33	0.085
27026	Soil	2.36	18.50	8.85	48.6	78	5.3	5.6	365	1.76	0.7	5.7	<0.1	4.5	468	0.17	0.44	0.12	42	1.63	0.031
27027	Soil	3.54	18.40	11.31	60.5	60	6.6	4.7	377	1.90	1.7	1.9	<0.1	5.8	453	0.17	0.60	0.31	46	1.47	0.033
27028	Soil	11.56	13.15	21.40	99.7	<20	6.9	3.5	393	4.66	13.7	4.7	<0.1	20.3	81	0.32	1.54	1.56	67	0.33	0.059
27029	Soil	1.73	15.21	8.28	48.6	104	5.5	6.2	380	1.78	1.4	1.6	<0.1	3.9	491	0.13	0.48	0.11	41	1.76	0.051
27030	Soil	3.36	12.47	9.15	48.0	<20	6.5	4.3	306	1.85	3.5	1.9	<0.1	6.8	332	0.11	0.51	0.16	60	1.12	0.031
27031	Soil	3.01	16.32	8.18	48.8	48	5.2	5.7	372	1.76	1.8	2.2	<0.1	4.3	476	0.16	0.40	0.12	40	1.70	0.031
27032	Soil	2.01	14.55	8.54	49.6	55	5.3	6.9	406	1.98	1.9	3.3	<0.1	4.7	533	0.08	0.40	0.11	44	1.98	0.029
27033	Soil	20.41	15.70	18.42	88.6	<20	24.9	12.3	1270	5.41	10.3	8.8	<0.1	34.5	68	0.27	1.16	0.48	79	0.46	0.057
27034	Soil	31.28	11.35	15.13	46.5	<20	12.9	8.0	1353	5.25	7.3	10.8	<0.1	63.8	53	0.21	1.10	0.30	27	0.48	0.074
27035	Soil	9.47	15.60	21.69	98.5	<20	20.5	10.8	756	4.94	9.4	5.9	<0.1	36.6	69	0.19	0.87	0.29	87	0.48	0.056
27036	Soil	12.21	15.75	19.58	94.8	<20	21.0	10.0	855	5.08	9.8	8.1	<0.1	31.7	78	0.18	0.90	0.40	85	0.55	0.049
27037	Soil	26.52	31.00	15.47	81.4	<20	13.2	10.0	1500	4.74	5.7	18.9	<0.1	66.0	198	0.28	1.04	0.44	52	0.91	0.113
27038	Soil	13.28	16.04	18.56	99.7	<20	17.3	8.4	632	4.22	17.0	6.1	<0.1	39.1	96	0.16	0.85	0.43	79	0.65	0.045
27039	Soil	22.10	25.33	23.61	124.7	<20	21.4	9.9	650	4.83	15.2	8.6	<0.1	45.5	69	0.27	0.97	0.58	94	0.53	0.047
27040	Soil	10.71	24.88	21.93	97.5	<20	28.5	12.8	916	4.96	12.6	5.6	<0.1	40.9	76	0.21	1.11	0.57	110	0.51	0.041
27041	Soil	12.97	22.06	25.93	91.9	<20	18.2	9.5	791	4.51	14.5	6.0	<0.1	50.5	58	0.18	0.97	0.45	71	0.43	0.051
27042	Soil	17.14	15.61	17.41	84.7	<20	14.3	6.7	480	3.75	10.2	4.4	<0.1	26.8	81	0.24	0.72	0.63	67	0.50	0.056
27043	Soil	21.94	21.83	32.99	118.8	<20	22.3	13.0	828	5.58	16.8	5.0	<0.1	28.9	59	0.40	1.19	0.75	90	0.37	0.042

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Project: True Blue  
 Report Date: August 31, 2010

Page: 9 of 10 Part 2

CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	Unit	MDL	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm	1T Eu
				ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
				0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
27723	Soil			18.2	17	0.76	826	0.191	4.73	1.651	1.34	0.8	72.6	1.2	1	3.8	0.12	9.2	31.79	3.5	13.3	2.4	0.4
27724	Soil			20.8	22	0.78	746	0.206	4.36	1.389	1.14	1.0	67.8	1.3	1	4.4	0.13	9.5	35.77	3.8	13.5	2.0	0.5
27725	Soil			32.1	43	2.04	1363	0.206	2.70	0.588	1.09	1.3	51.0	1.8	<1	5.1	0.04	19.6	60.83	6.5	27.4	4.0	0.6
27726	Soil			24.6	44	1.83	1137	0.184	3.06	0.485	0.97	0.8	41.6	1.3	<1	4.9	0.10	19.9	41.52	5.1	22.7	3.6	0.6
27727	Soil			26.6	37	1.72	969	0.174	2.57	0.362	0.89	1.0	39.6	1.8	<1	4.5	0.05	18.4	44.39	5.3	22.6	3.4	0.6
27728	Soil			23.3	46	2.05	1232	0.205	2.69	0.345	0.99	1.3	45.0	1.8	<1	5.0	0.11	16.0	40.06	4.8	20.9	3.2	0.5
27729	Soil			18.9	33	0.84	1096	0.166	2.32	0.291	0.97	2.6	34.2	1.3	1	4.6	0.22	14.2	32.39	4.0	16.0	2.6	0.5
27730	Soil			45.1	80	3.97	3039	0.375	5.16	0.344	2.15	2.9	75.3	3.5	2	10.5	0.05	35.1	77.71	9.5	39.0	6.9	1.4
27021	Soil			183.0	10	0.71	617	0.122	6.23	1.329	1.83	1.2	261.7	6.2	6	2.2	<0.04	33.8	361.0	40.9	152.5	23.3	2.7
27023	Soil			232.0	13	0.63	718	0.161	5.77	1.630	1.62	2.4	269.9	7.0	5	2.4	<0.04	43.1	471.6	51.5	194.2	30.2	2.9
27024	Soil			142.0	32	0.55	941	0.260	5.97	1.309	1.82	2.3	235.3	5.3	5	3.7	<0.04	34.2	283.2	30.4	110.2	17.3	2.1
27025	Soil			58.5	14	0.46	1774	0.458	8.03	0.539	2.83	7.3	48.2	9.0	9	7.7	<0.04	15.3	139.7	15.4	58.6	9.3	1.6
27026	Soil			22.5	7	0.52	764	0.237	5.79	2.742	1.42	0.4	109.2	1.1	<1	3.4	<0.04	12.5	38.47	5.2	20.4	3.3	0.6
27027	Soil			19.2	14	0.51	775	0.300	6.08	2.968	1.52	1.0	114.3	2.6	1	3.7	<0.04	9.5	38.47	4.2	15.7	2.4	0.4
27028	Soil			73.7	24	0.48	966	0.516	6.12	2.087	2.25	4.5	152.9	9.4	4	5.1	<0.04	29.2	144.8	16.0	57.5	9.3	1.1
27029	Soil			11.2	10	0.53	759	0.208	6.66	2.822	2.38	0.5	118.6	1.0	1	3.6	<0.04	5.1	22.62	2.6	12.0	1.9	0.4
27030	Soil			26.8	21	0.46	801	0.263	6.33	2.471	2.50	1.5	121.9	2.1	2	4.5	<0.04	8.1	51.25	5.8	25.4	3.6	0.5
27031	Soil			13.8	10	0.52	744	0.210	6.83	2.624	2.40	0.7	119.7	0.8	1	3.7	<0.04	5.8	27.56	3.2	14.5	2.1	0.4
27032	Soil			18.0	8	0.63	771	0.218	6.70	3.021	2.42	0.6	119.6	0.8	1	4.2	<0.04	7.3	30.61	3.9	17.9	2.7	0.5
27033	Soil			117.3	55	0.79	1000	0.413	7.87	1.637	3.59	5.4	132.3	8.2	5	8.8	<0.04	25.4	250.7	20.7	90.2	12.9	1.0
27034	Soil			171.8	15	0.55	1219	0.258	8.95	1.638	5.43	5.0	214.8	9.5	8	9.1	0.04	36.9	334.5	28.8	131.7	19.8	1.5
27035	Soil			127.5	42	1.14	1163	0.672	8.69	2.061	3.94	4.2	125.4	9.6	8	9.4	<0.04	37.7	289.4	21.0	90.4	12.8	1.2
27036	Soil			115.8	46	0.96	1119	0.352	8.65	2.186	3.89	4.4	99.8	8.0	6	9.4	<0.04	31.8	238.5	20.1	87.7	12.3	1.3
27037	Soil			186.6	23	0.62	813	0.328	7.47	2.545	2.86	6.1	110.9	11.4	9	7.0	<0.04	82.2	410.0	31.4	148.0	24.1	1.8
27038	Soil			123.0	38	0.92	1032	0.314	7.81	1.887	3.32	4.9	112.3	7.8	7	7.7	<0.04	35.1	227.7	20.2	88.3	12.7	0.9
27039	Soil			119.9	46	0.94	1043	0.339	7.84	1.664	3.48	5.0	105.5	10.6	8	8.6	<0.04	32.9	220.1	20.7	87.6	12.4	1.0
27040	Soil			118.7	59	1.11	1018	0.465	7.86	1.695	3.22	5.0	104.0	8.4	6	9.5	<0.04	27.8	252.6	19.2	83.4	11.1	1.0
27041	Soil			155.3	34	0.79	967	0.330	7.65	2.245	3.43	5.7	100.2	8.3	7	6.8	<0.04	36.2	294.0	24.0	102.7	14.0	1.1
27042	Soil			86.3	30	0.69	955	0.331	7.57	2.328	3.45	5.3	110.1	7.1	5	6.1	<0.04	25.1	178.0	16.1	69.0	10.1	0.7
27043	Soil			70.1	45	0.85	972	0.411	7.17	1.808	3.58	6.0	102.9	8.7	7	7.3	<0.04	22.5	197.8	14.3	60.7	8.7	0.7

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: True Blue  
Report Date: August 31, 2010

Page: 9 of 10 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
27723	Soil	1.6	0.3	1.5	0.3	0.8	0.1	0.9	0.1	1.85	13.9	34.6	0.3	5.54	1.8	11.04
27724	Soil	1.8	0.2	1.6	0.3	0.8	0.1	0.9	0.1	1.83	12.2	32.9	0.3	5.46	2.7	10.32
27725	Soil	3.4	0.5	3.4	0.7	1.7	0.2	1.5	0.2	1.37	10.1	33.7	0.5	8.17	0.9	6.18
27726	Soil	3.1	0.5	3.2	0.6	1.7	0.2	1.5	0.2	1.13	11.1	33.0	0.4	6.96	1.1	6.75
27727	Soil	3.1	0.4	3.0	0.6	1.6	0.2	1.4	0.2	1.13	10.9	31.4	0.3	6.54	1.3	5.41
27728	Soil	2.6	0.4	2.7	0.5	1.5	0.2	1.3	0.2	1.11	13.2	37.9	0.5	7.76	1.3	6.53
27729	Soil	2.5	0.3	2.2	0.4	1.2	0.2	1.2	0.2	1.00	11.4	42.2	0.3	6.15	0.8	5.47
27730	Soil	6.4	0.8	5.4	1.0	3.1	0.4	3.0	0.5	1.96	20.5	96.8	0.8	12.01	1.7	11.32
27021	Soil	17.9	1.9	9.4	1.4	3.7	0.5	3.4	0.5	6.21	14.8	62.6	2.5	53.04	1.6	36.35
27023	Soil	23.6	2.6	12.2	1.7	4.2	0.6	3.9	0.6	6.11	16.8	52.0	5.0	118.2	1.6	35.46
27024	Soil	13.6	1.6	8.8	1.4	3.6	0.4	3.2	0.4	5.09	19.7	56.5	5.8	114.5	1.2	25.15
27025	Soil	7.3	0.8	4.3	0.7	1.8	0.2	1.8	0.2	1.51	47.2	89.2	4.4	89.92	10.1	29.64
27026	Soil	3.2	0.4	2.4	0.4	1.0	0.1	0.9	0.1	2.82	18.3	28.1	0.5	7.02	1.3	16.95
27027	Soil	2.0	0.3	1.9	0.4	1.0	0.1	1.1	0.2	2.93	20.1	34.9	1.6	28.28	1.4	19.40
27028	Soil	7.6	1.1	6.3	1.2	3.2	0.4	3.5	0.4	3.58	16.2	112.1	9.9	172.9	3.3	32.63
27029	Soil	2.0	0.2	1.2	0.2	0.5	<0.1	0.7	<0.1	3.13	19.9	36.6	0.4	6.04	1.2	16.52
27030	Soil	3.0	0.3	1.9	0.3	0.8	0.1	1.0	0.1	2.98	19.1	59.1	2.4	41.65	2.2	20.65
27031	Soil	1.8	0.2	1.5	0.2	0.6	<0.1	0.7	<0.1	2.97	20.3	39.4	0.7	10.47	1.5	17.93
27032	Soil	2.5	0.3	1.9	0.3	0.6	<0.1	0.9	<0.1	2.94	20.1	38.0	0.5	6.71	1.2	18.17
27033	Soil	10.3	1.1	7.3	1.0	2.8	0.4	3.6	0.4	3.76	44.6	186.9	6.8	128.6	7.5	29.62
27034	Soil	15.7	1.7	11.0	1.5	4.1	0.6	5.7	0.7	6.21	35.5	207.7	7.5	154.7	7.0	35.08
27035	Soil	11.1	1.3	9.8	1.5	4.2	0.6	4.9	0.6	3.58	37.8	160.3	9.9	231.6	5.5	32.49
27036	Soil	10.9	1.2	8.6	1.2	3.2	0.5	4.0	0.5	2.68	40.0	170.6	6.3	129.2	5.6	33.10
27037	Soil	22.3	2.7	20.1	2.9	7.6	1.1	9.3	1.0	2.98	36.1	107.4	11.6	256.7	3.5	28.53
27038	Soil	10.6	1.2	8.5	1.3	3.6	0.5	4.0	0.4	2.74	36.3	126.1	7.3	148.5	5.1	30.55
27039	Soil	10.9	1.3	9.2	1.2	3.5	0.5	4.2	0.4	2.84	44.5	164.2	8.2	191.6	5.4	34.54
27040	Soil	9.0	1.0	7.2	1.1	2.8	0.4	3.6	0.4	2.47	39.1	113.5	7.3	137.4	4.2	29.82
27041	Soil	11.6	1.3	9.2	1.4	3.7	0.5	4.2	0.5	2.58	32.5	121.3	9.7	226.9	4.2	30.67
27042	Soil	8.3	0.9	6.4	0.9	2.5	0.4	3.2	0.3	3.00	32.9	116.4	7.4	139.3	3.7	27.73
27043	Soil	6.6	0.8	6.1	0.9	2.6	0.4	3.4	0.4	2.80	36.1	167.5	7.9	146.7	5.1	28.81



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Project: True Blue  
 Report Date: August 31, 2010

Page: 10 of 10 Part 1

**CERTIFICATE OF ANALYSIS**

**WHI10000227.1**

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001	
27044	Soil	95.89	23.47	53.62	165.6	<20	15.7	9.3	1058	5.40	13.6	5.8	<0.1	32.2	48	0.25	0.97	0.76	63	0.33	0.043
27045	Soil	26.70	25.31	25.96	118.2	<20	14.9	8.3	705	5.35	9.8	8.5	<0.1	39.5	58	0.22	0.75	0.45	70	0.53	0.046
27046	Soil	19.51	18.89	25.61	114.7	<20	12.6	8.2	766	4.58	8.9	5.4	<0.1	36.6	66	0.29	0.75	0.44	65	0.49	0.042
27047	Soil	15.28	31.21	29.29	122.6	<20	18.3	7.9	724	4.54	10.8	10.4	<0.1	51.1	91	0.25	0.94	0.43	78	0.57	0.046
27048	Soil	8.35	24.45	28.25	100.6	<20	18.9	7.0	570	4.06	11.9	8.2	<0.1	40.7	69	0.23	1.21	0.44	84	0.51	0.055
27049	Soil	8.88	21.79	30.82	109.2	<20	19.2	8.6	759	5.10	10.8	11.5	<0.1	40.9	70	0.29	1.15	0.46	82	0.52	0.043
27050	Soil	10.11	28.62	28.77	100.5	<20	18.7	7.6	573	4.15	12.3	10.7	<0.1	38.8	81	0.29	1.07	0.44	80	0.65	0.051



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Project: True Blue  
 Report Date: August 31, 2010

Page: 10 of 10 Part 2

**CERTIFICATE OF ANALYSIS**

**WHI10000227.1**

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
27044	Soil	65.5	30	0.72	841	0.366	7.65	2.550	4.03	8.8	81.2	6.7	8	7.7	<0.04	25.7	157.4	13.4	58.9	8.5	0.7
27045	Soil	141.4	35	0.92	907	0.524	7.83	2.289	3.79	8.0	88.4	8.8	8	7.8	<0.04	37.8	261.7	21.7	91.4	13.0	1.0
27046	Soil	116.6	31	0.74	873	0.343	7.74	2.178	3.47	6.3	90.5	8.3	6	6.1	<0.04	29.1	218.6	18.5	75.0	10.5	0.7
27047	Soil	168.4	42	0.85	916	0.316	7.29	1.982	3.21	5.1	114.0	7.4	7	6.5	<0.04	49.5	255.3	27.0	118.2	17.6	1.2
27048	Soil	126.3	47	0.84	1028	0.380	6.92	1.895	2.46	5.2	90.1	9.0	7	6.7	<0.04	45.0	239.7	26.4	95.6	15.1	1.3
27049	Soil	133.4	46	0.81	952	0.435	6.80	1.882	2.41	5.4	109.3	9.3	9	6.4	<0.04	40.1	266.5	26.5	87.7	12.5	0.9
27050	Soil	120.1	45	0.86	1025	0.387	6.88	1.920	2.41	4.8	95.5	8.3	6	6.7	<0.04	42.6	218.9	24.2	88.6	13.6	1.1



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Page: 10 of 10 Part 3

CERTIFICATE OF ANALYSIS

WHI10000227.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	
27044	Soil	7.2	0.9	6.1	0.9	2.8	0.4	3.4	0.4	2.14	34.0	212.4	7.2	155.7	6.1	29.93
27045	Soil	11.2	1.3	9.0	1.4	3.9	0.5	4.8	0.5	2.45	38.0	212.2	9.9	239.4	5.7	30.98
27046	Soil	8.3	1.0	7.3	1.1	3.0	0.5	3.7	0.4	2.44	32.0	181.3	9.9	234.9	5.4	30.10
27047	Soil	16.2	1.8	12.7	1.8	5.0	0.7	5.6	0.6	2.79	37.3	124.2	9.3	200.0	4.4	27.82
27048	Soil	12.1	1.6	9.3	1.7	4.5	0.6	4.5	0.6	2.31	35.1	114.7	8.5	150.4	3.7	29.02
27049	Soil	9.9	1.4	8.6	1.6	4.3	0.6	4.7	0.6	3.10	34.2	124.2	8.9	163.9	4.6	29.23
27050	Soil	12.3	1.5	9.3	1.7	4.2	0.6	4.2	0.6	2.40	31.0	104.4	8.1	147.6	3.8	27.78





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Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

WHI10000227.1

Method	Analyte	1T Mo	1T Cu	1T Pb	1T Zn	1T Ag	1T Ni	1T Co	1T Mn	1T Fe	1T As	1T U	1T Au	1T Th	1T Sr	1T Cd	1T Sb	1T Bi	1T V	1T Ca	1T P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
Pulp Duplicates																					
27508	Soil	16.13	18.76	19.55	147.0	<20	25.4	8.3	773	3.19	15.5	2.8	<0.1	16.4	255	0.34	1.33	2.07	118	0.91	0.121
REP 27508	QC	16.14	18.83	19.44	146.4	<20	25.3	8.5	777	3.15	14.9	2.9	<0.1	18.2	265	0.34	1.43	2.06	114	0.91	0.121
27546	Soil	9.59	19.55	30.99	1901	<20	6.1	4.6	3550	6.29	9.3	8.4	<0.1	49.6	106	20.70	2.35	0.64	23	0.14	0.057
REP 27546	QC	9.54	18.90	30.21	1843	<20	6.0	4.2	3447	6.18	8.0	8.6	<0.1	50.4	103	20.95	2.36	0.61	23	0.12	0.059
27316	Soil	9.80	46.40	103.6	244.9	*	17.5	8.5	982	4.22	28.9	23.9	<0.1	48.4	229	0.77	0.82	0.81	58	1.36	0.107
REP 27316	QC	9.77	43.90	100.2	230.7	417	16.5	8.4	936	4.03	28.3	23.2	<0.1	48.4	222	0.79	0.84	0.71	55	1.32	0.103
27343	Soil	27.76	17.80	13.18	51.0	36	44.3	6.8	442	2.05	16.1	1.8	<0.1	21.3	55	0.19	1.84	0.75	274	0.42	0.085
REP 27343	QC	26.42	17.88	12.90	51.5	27	42.8	6.5	452	2.03	15.9	1.7	<0.1	21.1	52	0.14	1.68	0.75	276	0.42	0.084
27371	Soil	5.37	29.83	45.34	55.4	<20	14.6	9.4	412	4.07	32.0	3.5	<0.1	17.5	348	0.27	1.51	0.67	88	1.45	0.075
REP 27371	QC	5.37	30.00	45.65	59.0	88	15.3	10.1	422	4.34	32.5	3.5	<0.1	19.1	362	0.33	1.51	0.68	95	1.56	0.077
27380	Soil	4.01	17.20	14.42	44.7	<20	21.6	8.4	319	3.57	15.6	3.9	<0.1	16.4	143	0.19	1.11	0.71	73	0.61	0.074
REP 27380	QC	3.99	17.72	15.17	47.0	<20	22.8	8.9	318	3.65	15.3	4.2	<0.1	17.9	144	0.18	1.10	0.71	74	0.60	0.076
27724	Soil	2.10	19.75	17.59	84.5	119	9.8	7.0	721	2.25	7.3	1.7	<0.1	4.8	289	0.53	0.60	0.28	42	3.34	0.110
REP 27724	QC	2.30	21.16	17.35	83.2	99	11.6	8.2	723	2.33	7.3	1.7	<0.1	4.8	299	0.60	0.59	0.29	45	3.38	0.110
27026	Soil	2.36	18.50	8.85	48.6	78	5.3	5.6	365	1.76	0.7	5.7	<0.1	4.5	468	0.17	0.44	0.12	42	1.63	0.031
REP 27026	QC	2.55	19.42	9.35	52.3	75	5.6	5.9	398	1.91	1.1	8.4	<0.1	6.5	542	0.21	0.54	0.13	43	1.92	0.033
Reference Materials																					
STD OREAS24P	Standard	1.47	52.14	2.79	128.2	87	146.6	47.9	1183	7.74	0.8	0.7	<0.1	2.6	410	0.15	0.08	<0.04	170	5.98	0.149
STD OREAS24P	Standard	1.50	50.12	2.44	115.9	30	143.9	46.8	1159	7.48	0.8	0.6	<0.1	2.4	369	0.14	0.08	0.04	167	5.80	0.144
STD OREAS24P	Standard	1.50	50.26	2.74	118.4	90	151.2	51.6	1153	7.97	1.6	0.7	<0.1	2.8	387	0.15	0.11	<0.04	170	6.32	0.147
STD OREAS24P	Standard	1.54	50.61	2.91	120.6	83	150.6	47.2	1136	7.81	1.8	0.7	<0.1	2.8	396	0.18	0.09	<0.04	168	6.16	0.140
STD OREAS24P	Standard	1.55	49.24	2.79	123.4	126	155.2	50.1	1155	7.79	1.8	0.7	<0.1	2.9	402	0.17	0.11	<0.04	166	6.10	0.142
STD OREAS24P	Standard	1.61	47.75	2.75	119.4	34	148.0	51.2	1245	7.65	2.5	0.7	<0.1	2.9	406	0.16	0.09	<0.04	170	6.12	0.140
STD OREAS24P	Standard	1.67	51.74	2.21	122.1	51	157.2	47.7	1191	7.84	2.2	0.7	<0.1	2.8	416	0.16	0.10	0.04	173	6.40	0.145
STD OREAS24P	Standard	1.55	53.50	1.87	119.6	25	157.4	48.0	1206	8.03	2.0	0.7	<0.1	2.7	406	0.14	0.09	<0.04	175	6.46	0.145
STD OREAS24P	Standard	1.67	47.37	2.89	108.4	42	158.5	50.3	1146	7.51	1.3	0.6	<0.1	2.8	368	0.09	0.07	<0.04	173	5.88	0.120
STD OREAS24P	Standard	1.72	48.13	2.98	102.7	44	161.0	51.0	1132	7.67	1.4	0.6	<0.1	2.7	360	0.09	0.07	<0.04	172	6.00	0.120
STD OREAS24P	Standard	1.55	46.62	2.58	117.0	<20	156.1	51.0	1175	7.41	1.8	0.6	<0.1	2.6	378	0.10	0.08	<0.04	164	5.81	0.135

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 31, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

WHI10000227.1

Method	Analyte	Unit	MDL	1T La ppm	1T Cr ppm	1T Mg %	1T Ba ppm	1T Ti %	1T Al %	1T Na %	1T K %	1T W ppm	1T Zr ppm	1T Sn ppm	1T Be ppm	1T Sc ppm	1T S %	1T Y ppm	1T Ce ppm	1T Pr ppm	1T Nd ppm	1T Sm ppm	1T Eu ppm
Pulp Duplicates																							
27508	Soil			39.1	39	0.50	728	0.331	5.78	1.893	2.15	2.3	92.8	3.5	2	6.4	<0.04	15.1	95.12	8.8	33.5	5.1	0.6
REP 27508	QC			40.9	39	0.51	744	0.336	5.77	1.901	2.13	2.4	93.6	3.2	2	6.4	<0.04	16.9	96.45	9.3	35.4	5.4	0.7
27546	Soil			284.2	16	0.19	477	0.242	11.32	2.482	1.40	3.4	777.8	10.1	14	3.0	<0.04	74.4	586.9	58.7	221.0	32.7	4.7
REP 27546	QC			300.0	15	0.20	483	0.265	10.78	2.446	1.41	3.6	785.9	10.6	14	3.0	<0.04	75.3	617.0	62.1	218.8	33.4	4.6
27316	Soil			277.7	39	0.80	859	0.321	8.04	2.178	2.78	3.8	111.5	4.9	8	7.2	0.06	135.1	263.5	59.8	221.1	35.9	2.4
REP 27316	QC			267.5	37	0.77	825	0.318	7.62	2.076	2.65	4.0	102.9	5.0	9	7.1	0.05	131.5	254.1	56.8	212.3	34.8	2.2
27343	Soil			25.6	50	0.57	696	0.174	6.29	1.032	2.32	2.5	53.5	2.1	4	10.0	0.04	14.5	54.70	6.4	23.8	4.2	0.5
REP 27343	QC			26.1	52	0.56	659	0.170	6.36	1.018	2.34	2.5	51.5	1.9	3	10.7	0.04	14.4	55.53	6.6	25.1	4.3	0.5
27371	Soil			61.5	41	1.03	1007	0.362	6.80	2.089	1.89	1.8	188.7	4.2	2	7.2	0.05	21.3	122.7	13.0	45.9	6.6	0.7
REP 27371	QC			65.0	44	1.09	1042	0.408	6.95	2.158	1.98	1.9	198.4	4.2	2	7.6	<0.04	22.1	130.5	13.9	50.4	7.3	0.7
27380	Soil			72.7	52	1.22	624	0.291	5.91	2.499	1.09	3.4	185.7	3.2	2	6.9	<0.04	22.2	147.5	15.3	55.5	8.0	1.1
REP 27380	QC			83.3	49	1.22	657	0.304	5.86	2.507	1.12	2.5	191.7	3.3	2	7.0	<0.04	23.2	165.7	16.7	59.6	8.4	1.0
27724	Soil			20.8	22	0.78	746	0.206	4.36	1.389	1.14	1.0	67.8	1.3	1	4.4	0.13	9.5	35.77	3.8	13.5	2.0	0.5
REP 27724	QC			21.9	27	0.81	752	0.220	4.46	1.444	1.18	0.8	68.0	1.3	<1	4.3	0.13	9.8	37.49	4.0	15.7	2.2	0.5
27026	Soil			22.5	7	0.52	764	0.237	5.79	2.742	1.42	0.4	109.2	1.1	<1	3.4	<0.04	12.5	38.47	5.2	20.4	3.3	0.6
REP 27026	QC			34.6	8	0.57	820	0.235	7.91	2.829	1.39	0.6	115.6	1.1	2	4.1	<0.04	15.7	53.22	7.3	26.8	4.2	0.7
Reference Materials																							
STD OREAS24P	Standard			18.8	204	4.31	289	1.077	8.15	2.474	0.72	0.5	146.9	1.8	1	21.2	<0.04	22.9	38.73	4.9	23.2	4.6	1.5
STD OREAS24P	Standard			17.1	196	4.18	264	1.046	7.99	2.390	0.71	0.4	137.7	1.5	1	20.5	<0.04	21.4	36.64	4.7	20.2	4.5	1.4
STD OREAS24P	Standard			18.4	209	4.26	276	1.083	7.99	2.430	0.71	0.4	135.5	1.6	1	20.0	<0.04	21.5	37.57	4.9	21.7	4.5	1.5
STD OREAS24P	Standard			19.3	209	4.20	282	1.086	7.85	2.423	0.72	0.4	134.9	1.6	1	19.8	<0.04	22.1	36.34	4.9	21.6	4.7	1.5
STD OREAS24P	Standard			19.0	217	4.18	285	1.108	8.33	2.469	0.69	0.4	139.2	1.7	<1	20.4	<0.04	22.5	37.54	5.0	22.2	4.5	1.5
STD OREAS24P	Standard			19.5	209	4.24	284	1.118	8.48	2.489	0.71	0.3	147.5	1.7	1	20.4	<0.04	23.0	37.69	5.0	23.4	4.7	1.6
STD OREAS24P	Standard			20.6	214	4.43	302	1.141	8.21	2.616	0.73	0.4	143.9	1.7	<1	20.1	<0.04	23.1	41.87	5.1	23.8	4.9	1.7
STD OREAS24P	Standard			19.7	225	4.48	299	1.177	8.36	2.640	0.77	0.4	144.6	1.8	1	20.9	<0.04	23.2	40.80	4.9	23.2	5.0	1.5
STD OREAS24P	Standard			18.4	209	4.06	245	1.198	7.93	2.437	0.66	0.5	146.9	1.5	1	18.4	<0.04	20.4	36.22	4.7	24.4	4.6	1.5
STD OREAS24P	Standard			18.1	215	4.11	244	1.222	8.10	2.418	0.67	0.5	140.8	1.5	<1	18.4	<0.04	19.8	35.03	4.6	23.2	4.4	1.5
STD OREAS24P	Standard			16.6	213	4.30	226	1.118	8.18	2.509	0.70	0.4	142.4	1.4	1	19.4	<0.04	20.1	33.58	4.2	23.5	4.7	1.4

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 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 31, 2010

Page: 1 of 2 Part 3

QUALITY CONTROL REPORT

WHI10000227.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
Pulp Duplicates																
27508	Soil	3.9	0.5	3.5	0.6	1.8	0.2	1.4	0.2	2.46	15.8	91.6	5.1	87.83	2.8	22.22
REP 27508	QC	3.9	0.6	4.2	0.7	1.9	0.2	1.5	0.2	2.50	14.6	88.4	5.4	95.65	2.8	22.18
27546	Soil	24.0	3.4	19.4	3.3	8.8	1.0	7.2	1.0	15.04	33.9	56.3	11.5	249.3	1.8	59.58
REP 27546	QC	24.9	3.6	19.1	3.1	8.5	1.0	7.1	1.0	16.03	35.2	56.3	12.9	274.2	1.9	58.71
27316	Soil	30.9	4.3	26.0	4.7	12.4	1.5	10.4	1.4	2.90	39.6	139.3	5.3	100.3	10.5	25.05
REP 27316	QC	29.4	4.3	25.5	4.5	12.3	1.6	10.0	1.4	2.67	38.6	135.0	5.1	93.94	10.0	24.21
27343	Soil	3.1	0.4	2.6	0.5	1.2	0.2	1.3	0.2	1.40	15.7	69.5	0.8	22.01	3.5	17.04
REP 27343	QC	3.3	0.4	2.7	0.5	1.3	0.2	1.2	0.2	1.25	15.6	69.4	0.9	23.18	3.5	17.52
27371	Soil	5.0	0.7	4.1	0.8	2.2	0.3	2.2	0.3	4.81	21.4	53.0	3.2	72.21	3.6	21.62
REP 27371	QC	5.8	0.7	4.4	0.8	2.3	0.3	2.3	0.3	4.91	20.3	54.1	3.4	79.99	3.8	22.03
27380	Soil	6.0	0.9	5.4	0.9	2.6	0.3	2.2	0.3	4.08	26.2	39.4	2.3	53.15	2.3	19.22
REP 27380	QC	5.9	0.9	5.6	0.9	2.6	0.3	2.3	0.3	4.25	27.8	41.9	2.5	56.17	2.4	19.21
27724	Soil	1.8	0.2	1.6	0.3	0.8	0.1	0.9	0.1	1.83	12.2	32.9	0.3	5.46	2.7	10.32
REP 27724	QC	1.8	0.2	1.7	0.3	0.8	<0.1	0.8	0.1	1.90	12.1	33.4	0.4	6.27	2.8	10.38
27026	Soil	3.2	0.4	2.4	0.4	1.0	0.1	0.9	0.1	2.82	18.3	28.1	0.5	7.02	1.3	16.95
REP 27026	QC	4.2	0.5	2.9	0.6	1.4	0.2	1.2	0.2	3.17	21.3	36.3	0.5	6.91	1.5	17.66
Reference Materials																
STD OREAS24P	Standard	5.1	0.7	4.9	0.8	2.3	0.3	1.8	0.3	3.73	8.4	21.8	1.1	20.02	0.9	20.61
STD OREAS24P	Standard	5.1	0.7	4.7	0.8	1.9	0.2	1.6	0.2	3.14	8.2	20.1	1.0	19.06	0.8	19.08
STD OREAS24P	Standard	5.0	0.8	4.9	0.9	2.2	0.2	1.7	0.2	3.47	8.1	22.4	1.1	20.35	0.8	20.18
STD OREAS24P	Standard	5.2	0.8	4.8	0.9	2.1	0.2	1.8	0.2	3.36	8.0	23.4	1.1	20.26	0.8	21.10
STD OREAS24P	Standard	5.1	0.8	4.8	0.9	2.2	0.3	1.7	0.3	3.60	7.6	22.6	1.2	20.29	0.9	20.51
STD OREAS24P	Standard	5.4	0.8	4.9	0.9	2.2	0.2	1.7	0.3	3.53	7.8	22.8	1.1	21.32	0.9	21.29
STD OREAS24P	Standard	5.1	0.8	5.0	0.9	2.4	0.3	1.9	0.3	3.53	7.9	21.6	1.2	20.78	0.9	20.00
STD OREAS24P	Standard	5.2	0.8	4.9	0.9	2.3	0.3	1.9	0.3	3.65	8.6	21.1	1.1	20.88	0.8	20.36
STD OREAS24P	Standard	5.2	0.7	4.3	0.8	2.2	0.2	1.7	0.2	3.75	7.9	16.9	1.2	22.20	0.8	21.05
STD OREAS24P	Standard	4.9	0.7	4.6	0.8	2.0	0.3	1.6	0.2	3.63	7.9	17.0	1.2	21.29	0.8	20.45
STD OREAS24P	Standard	5.3	0.7	4.9	0.8	1.8	0.2	2.0	0.2	3.51	8.1	19.2	1.1	20.60	0.9	20.30

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Project: True Blue  
 Report Date: August 31, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

WHI10000227.1

		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
STD OREAS24P	Standard	1.54	46.31	2.42	153.5	44	156.5	49.8	1119	7.87	1.6	0.6	<0.1	2.5	365	0.13	0.08	<0.04	170	6.24	0.137
STD OREAS24P	Standard	1.45	50.36	2.69	111.5	35	144.2	45.3	1060	7.12	0.6	0.7	<0.1	2.8	363	0.12	0.08	<0.04	158	5.44	0.128
STD OREAS24P	Standard	1.51	50.04	2.88	113.5	29	148.5	45.9	1087	7.31	0.4	0.7	<0.1	2.9	363	0.10	0.10	<0.04	164	5.58	0.127
STD OREAS24P	Standard	1.52	53.14	2.88	119.4	22	143.4	46.7	1134	7.64	1.1	0.6	<0.1	2.6	382	0.16	0.09	<0.04	168	6.19	0.139
STD OREAS24P	Standard	2.13	54.13	2.71	115.1	32	144.5	44.4	1127	7.61	1.3	0.6	<0.1	2.5	382	0.18	0.08	<0.04	166	6.15	0.147
STD OREAS24P	Standard	1.54	54.03	2.77	120.5	<20	146.1	47.3	1137	7.41	<0.2	0.7	<0.1	2.7	376	0.15	0.10	<0.04	175	5.70	0.143
STD OREAS24P	Standard	1.51	54.20	2.70	122.4	<20	147.0	50.0	1112	7.37	0.8	0.6	<0.1	2.7	372	0.14	0.08	<0.04	174	5.64	0.139
STD OREAS24P	Standard	1.63	50.48	3.21	120.4	51	151.6	47.4	1143	7.52	1.3	0.7	<0.1	2.8	408	0.14	0.10	<0.04	166	6.02	0.142
STD OREAS24P	Standard	1.53	49.30	2.94	121.2	73	150.5	49.6	1135	7.56	0.9	0.7	<0.1	2.7	393	0.13	0.10	<0.04	165	5.91	0.138
STD OREAS24P Expected		1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83	0.136
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001



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226 Cardinal Crescent  
Saskatoon SK S7L 6H8 Canada

Project: True Blue  
Report Date: August 31, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

WHI10000227.1

		1T La ppm	1T Cr ppm	1T Mg %	1T Ba ppm	1T Ti %	1T Al %	1T Na %	1T K %	1T W ppm	1T Zr ppm	1T Sn ppm	1T Be ppm	1T Sc ppm	1T S %	1T Y ppm	1T Ce ppm	1T Pr ppm	1T Nd ppm	1T Sm ppm	1T Eu ppm
		0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
STD OREAS24P	Standard	16.2	211	4.09	211	1.148	7.91	2.469	0.69	0.4	140.3	1.3	1	19.0	<0.04	19.4	32.19	4.3	23.3	4.9	1.4
STD OREAS24P	Standard	17.0	195	3.94	256	1.043	7.88	2.376	0.64	0.4	133.1	1.5	<1	18.0	0.05	20.2	35.01	4.3	19.2	4.2	1.4
STD OREAS24P	Standard	17.4	203	4.02	258	1.043	8.02	2.437	0.66	0.4	134.4	1.6	1	18.6	0.05	20.2	34.60	4.4	19.5	3.9	1.4
STD OREAS24P	Standard	18.4	192	4.20	305	1.072	8.10	2.410	0.69	0.4	140.0	1.6	1	21.4	<0.04	22.3	37.84	4.7	21.1	4.8	1.5
STD OREAS24P	Standard	18.2	194	4.18	294	1.062	8.03	2.406	0.71	0.4	137.0	1.6	<1	20.5	<0.04	22.4	37.14	4.7	20.9	4.5	1.4
STD OREAS24P	Standard	18.0	206	4.18	270	1.052	8.14	2.388	0.69	0.4	134.0	1.6	1	18.8	<0.04	22.7	36.59	4.8	22.0	4.5	1.4
STD OREAS24P	Standard	17.9	200	4.08	270	1.064	7.99	2.422	0.67	0.5	130.9	1.5	1	18.2	<0.04	22.1	35.64	4.7	20.6	4.7	1.4
STD OREAS24P	Standard	19.0	198	4.13	282	1.111	8.36	2.455	0.71	0.4	140.8	1.7	1	20.6	<0.04	22.3	36.03	4.9	22.6	4.6	1.5
STD OREAS24P	Standard	19.8	212	4.07	293	1.111	8.26	2.453	0.67	0.5	136.3	1.7	<1	21.1	<0.04	22.0	37.06	4.9	21.6	4.7	1.6
STD OREAS24P Expected		17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7	1.6
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	0.2	<0.04	<0.1	0.13	<0.1	<0.1	<0.1	<0.1
BLK	Blank	0.6	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.65	<0.1	0.6	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.10	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	0.2	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1



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Project: True Blue  
 Report Date: August 31, 2010

Page: 2 of 2 Part 3

QUALITY CONTROL REPORT

WHI10000227.1

		1T Gd ppm	1T Tb ppm	1T Dy ppm	1T Ho ppm	1T Er ppm	1T Tm ppm	1T Yb ppm	1T Lu ppm	1T Hf ppm	1T Li ppm	1T Rb ppm	1T Ta ppm	1T Nb ppm	1T Cs ppm	1T Ga ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
STD OREAS24P	Standard	5.4	0.7	4.8	0.7	1.9	0.2	1.9	0.2	3.29	8.3	17.9	1.1	20.13	0.8	20.23
STD OREAS24P	Standard	4.1	0.7	4.1	0.9	2.1	0.2	1.6	0.2	3.39	7.5	19.7	1.1	18.49	0.8	19.45
STD OREAS24P	Standard	4.7	0.7	4.3	0.8	2.0	0.2	1.7	0.2	3.40	7.8	19.9	1.1	18.48	0.8	19.46
STD OREAS24P	Standard	5.3	0.8	4.6	0.9	2.1	0.3	1.8	0.3	3.44	8.7	20.8	1.1	20.00	0.9	19.80
STD OREAS24P	Standard	5.1	0.7	4.7	0.8	2.0	0.3	1.8	0.2	3.32	8.0	20.9	1.1	19.87	0.8	19.43
STD OREAS24P	Standard	5.2	0.8	4.5	0.8	2.1	0.3	1.7	0.3	3.35	8.1	21.1	1.1	19.96	0.8	20.16
STD OREAS24P	Standard	5.5	0.7	4.6	0.8	2.0	0.2	1.8	0.2	3.23	8.1	20.6	1.0	19.04	0.8	20.05
STD OREAS24P	Standard	5.3	0.8	5.0	0.9	2.2	0.3	1.8	0.2	3.57	7.7	23.1	1.2	21.43	0.9	20.83
STD OREAS24P	Standard	4.9	0.8	4.7	0.8	2.3	0.2	1.7	0.2	3.54	8.0	22.9	1.2	19.88	0.9	20.76
STD OREAS24P Expected		5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	0.5	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	0.10
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	0.6	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02



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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: August 18, 2010  
Report Date: August 30, 2010  
Page: 1 of 4

## CERTIFICATE OF ANALYSIS

WHI10000270.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-021  
P.O. Number  
Number of Samples: 63

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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.

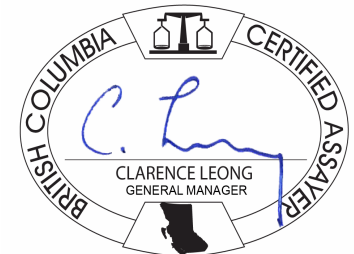
Invoice To: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	63	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	63	Dry at 60C			WHI
1T	63	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
 Report Date: August 30, 2010

Page: 2 of 4 Part 1

CERTIFICATE OF ANALYSIS

WHI10000270.1

Method Analyte	Unit	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
MDL		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
27601	Soil	5.51	42.48	23.87	128.6	72	43.6	13.6	256	3.04	35.3	2.7	<0.1	12.9	62	0.32	2.88	2.06	221	0.37	0.238
27602	Soil	10.72	192.4	43.03	216.3	306	94.8	46.0	375	5.99	130.8	3.6	<0.1	17.0	44	0.62	5.30	5.55	239	0.40	0.183
27603	Soil	3.87	35.25	18.48	88.2	78	31.4	10.3	571	2.29	13.6	2.0	<0.1	8.2	211	0.21	1.60	1.03	197	0.83	0.187
27604	Soil	5.63	51.07	23.16	111.2	<20	44.9	8.8	282	2.10	22.6	2.9	<0.1	13.3	41	0.27	2.09	1.26	253	0.19	0.201
27605	Soil	8.70	94.09	136.3	276.2	*	82.2	34.2	1381	6.35	104.0	6.2	<0.1	57.3	38	0.87	5.67	6.76	263	0.56	0.168
27606	Soil	16.20	152.2	101.3	690.9	380	120.5	23.2	486	4.79	90.2	3.9	<0.1	15.7	111	1.17	7.42	4.80	194	0.68	0.202
27607	Soil	36.38	74.34	144.9	284.3	618	100.1	19.1	727	3.43	68.6	6.3	<0.1	10.2	85	0.98	6.79	1.32	326	0.51	0.155
27551	Soil	1.73	19.03	9.95	52.5	<20	5.5	6.7	385	2.12	2.4	1.7	<0.1	5.0	531	0.19	0.47	0.11	67	1.89	0.046
27552	Soil	1.94	18.11	11.08	60.1	44	8.6	7.1	662	1.99	2.4	1.5	<0.1	5.3	491	0.28	0.56	0.13	57	1.73	0.063
27553	Soil	1.81	16.71	9.79	48.8	56	5.1	5.8	567	1.79	1.5	1.5	<0.1	5.7	496	0.19	0.46	0.12	46	1.78	0.038
27554	Soil	2.51	17.13	11.32	54.0	59	6.1	5.1	452	1.70	1.3	1.5	<0.1	5.3	457	0.51	0.45	0.11	54	1.57	0.099
27555	Soil	1.66	16.80	9.40	63.9	66	5.4	6.5	397	2.05	1.6	1.4	<0.1	3.7	525	0.36	0.38	0.09	55	1.99	0.047
27556	Soil	3.00	17.13	12.53	59.4	66	7.1	8.2	731	2.14	1.4	1.4	<0.1	4.2	514	0.30	0.38	0.10	64	1.95	0.063
27557	Soil	3.84	20.19	11.46	60.9	71	8.3	7.7	795	2.90	1.8	1.9	<0.1	5.7	470	0.26	0.50	0.18	61	1.71	0.069
27558	Soil	2.61	17.58	9.31	48.1	94	5.4	6.2	482	1.84	1.1	1.6	<0.1	4.2	496	0.17	0.46	0.18	44	1.76	0.050
27559	Soil	9.31	21.16	14.69	72.9	104	13.5	9.3	1150	2.55	1.7	2.1	<0.1	9.9	393	0.39	0.55	0.22	68	1.75	0.082
27560	Soil	3.15	18.48	9.33	55.7	27	5.2	6.0	484	1.86	1.2	1.7	<0.1	6.1	492	0.24	0.44	0.11	49	1.82	0.061
27561	Soil	1.77	16.52	9.09	50.8	70	3.8	5.6	380	1.79	1.7	1.6	<0.1	4.0	540	0.12	0.42	0.09	41	1.83	0.030
27562	Soil	5.92	16.04	12.24	56.3	<20	10.5	5.9	359	2.57	4.9	1.9	<0.1	6.8	376	0.18	0.68	0.19	68	1.26	0.032
27563	Soil	1.68	17.58	8.86	50.6	70	4.1	6.2	389	1.87	1.5	1.6	<0.1	3.7	518	0.14	0.42	0.08	43	1.90	0.028
27564	Soil	3.45	18.71	8.68	49.5	68	6.0	6.3	414	1.97	1.8	1.7	<0.1	3.8	527	0.20	0.43	0.09	49	1.89	0.033
27565	Soil	2.59	19.32	8.73	52.1	139	4.9	6.3	399	1.91	1.4	1.5	<0.1	3.8	552	0.16	0.43	0.09	45	1.92	0.031
27566	Soil	30.10	25.64	39.05	79.6	170	23.7	12.0	3549	4.04	7.6	2.1	<0.1	12.0	249	0.63	0.91	0.48	98	1.38	0.191
27481	Soil	10.20	17.72	7.11	41.2	23	34.4	8.4	710	3.11	13.5	3.3	<0.1	12.0	304	0.28	0.62	0.35	122	1.81	0.213
27482	Soil	73.65	62.08	15.48	49.7	<20	263.5	51.4	565	7.03	146.1	14.4	<0.1	42.2	102	0.60	1.62	6.86	166	0.73	0.270
27483	Soil	70.94	47.96	10.18	37.1	162	285.0	49.1	9045	1.45	2.9	15.9	<0.1	19.6	107	0.74	0.56	0.39	54	1.64	0.218
27484	Soil	3.80	18.36	8.85	58.4	30	9.1	9.9	683	2.77	1.8	1.7	<0.1	5.8	547	0.13	0.43	0.16	88	2.20	0.087
27485	Soil	78.59	8.90	13.69	47.8	<20	20.7	7.8	649	3.58	12.7	3.9	<0.1	34.8	125	0.17	1.27	0.60	176	0.53	0.125
27486	Soil	43.98	12.42	16.93	169.3	<20	24.3	26.0	1629	7.16	8.9	8.2	<0.1	15.5	33	0.96	1.56	0.87	28	0.21	0.025
27487	Soil	3.54	19.38	8.89	55.8	<20	12.1	7.4	438	2.08	1.1	2.0	<0.1	4.8	490	1.03	0.36	0.13	56	1.77	0.077

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.





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Project: True Blue  
 Report Date: August 30, 2010

Page: 2 of 4 Part 2

CERTIFICATE OF ANALYSIS

WHI10000270.1

Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
27601	Soil	36.6	80	0.52	1361	0.294	4.29	0.558	2.25	7.6	89.8	5.8	2	8.4	0.09	9.2	71.89	8.3	31.1	4.3	0.5
27602	Soil	44.9	58	0.61	1160	0.178	5.07	0.296	2.20	6.8	128.7	4.9	3	10.5	0.11	19.8	98.44	13.3	52.8	8.7	0.7
27603	Soil	26.9	62	0.82	1675	0.311	5.17	0.954	2.65	4.2	88.7	2.9	2	8.3	0.09	8.3	60.86	7.6	30.0	4.3	0.3
27604	Soil	31.1	68	0.63	2312	0.295	4.94	0.260	3.19	8.9	92.3	9.0	3	8.5	0.11	10.5	60.05	7.1	27.0	4.0	0.2
27605	Soil	35.4	80	0.87	2372	0.201	5.44	0.130	3.20	16.5	132.7	11.5	5	10.0	0.09	54.2	62.14	8.3	37.4	9.0	0.8
27606	Soil	30.5	67	0.72	1775	0.268	4.94	0.722	2.23	37.2	119.0	2.7	2	9.5	0.10	17.5	60.34	6.6	25.3	4.2	0.6
27607	Soil	31.1	69	0.57	1609	0.267	4.17	0.527	1.91	6.2	76.3	2.3	3	9.5	0.06	17.4	62.49	6.5	24.2	4.0	0.6
27551	Soil	16.8	12	0.64	788	0.337	6.56	2.977	2.21	0.7	112.2	1.3	2	4.8	<0.04	7.0	33.30	3.5	13.2	2.2	0.5
27552	Soil	15.3	14	0.62	804	0.277	6.11	2.837	2.20	0.7	116.0	1.4	2	4.4	<0.04	6.8	32.73	3.4	13.8	2.2	0.5
27553	Soil	14.2	10	0.59	778	0.252	5.90	2.945	2.21	0.6	115.0	1.0	1	3.8	<0.04	6.4	28.78	3.1	11.6	1.9	0.4
27554	Soil	13.5	13	0.57	761	0.254	5.80	2.708	2.09	0.6	109.5	1.2	1	4.0	<0.04	6.0	27.73	3.0	11.4	1.8	0.3
27555	Soil	12.4	7	0.71	782	0.299	6.16	2.949	2.20	0.5	115.8	0.8	1	4.7	<0.04	6.3	25.80	2.8	10.8	1.7	0.4
27556	Soil	13.2	11	0.72	739	0.305	5.92	2.805	2.06	0.6	103.7	0.9	2	4.8	<0.04	6.7	28.05	3.0	12.3	2.3	0.5
27557	Soil	25.9	15	0.69	742	0.322	6.19	2.658	2.10	0.9	108.1	1.9	2	4.9	<0.04	9.5	46.01	5.5	20.6	3.3	0.5
27558	Soil	20.8	8	0.60	815	0.252	5.85	2.931	2.15	0.6	115.3	0.9	1	3.6	<0.04	10.5	31.78	4.7	17.8	2.9	0.5
27559	Soil	45.6	28	0.69	766	0.322	5.59	2.234	1.72	1.0	89.0	1.6	2	5.5	<0.04	23.4	66.34	12.0	48.0	8.7	0.9
27560	Soil	24.3	10	0.62	746	0.257	6.00	2.862	2.17	0.9	112.8	1.1	2	4.1	<0.04	13.6	36.68	5.9	22.0	3.9	0.6
27561	Soil	16.0	6	0.58	803	0.254	6.18	2.913	2.21	0.5	105.3	0.8	1	3.5	<0.04	7.9	28.67	3.3	13.2	2.0	0.4
27562	Soil	26.6	25	0.67	810	0.288	5.95	2.348	2.22	1.4	106.9	2.1	2	4.6	<0.04	9.7	52.38	5.7	21.7	3.4	0.5
27563	Soil	12.4	7	0.62	778	0.261	6.11	3.053	2.26	0.5	120.4	0.7	<1	3.6	<0.04	6.4	24.58	2.8	10.4	1.7	0.4
27564	Soil	13.9	7	0.63	818	0.271	6.24	3.033	2.16	0.5	119.6	0.7	1	4.0	<0.04	7.2	28.04	3.1	11.5	1.8	0.4
27565	Soil	13.4	7	0.64	808	0.268	6.23	3.072	2.31	0.6	120.5	0.8	1	4.0	<0.04	6.9	26.49	2.9	11.5	2.0	0.4
27566	Soil	37.0	53	0.77	857	0.306	5.48	1.507	1.81	1.8	69.2	2.9	3	8.9	0.09	24.1	77.01	8.5	31.4	5.3	0.9
27481	Soil	45.7	28	0.80	489	0.255	4.66	1.368	1.30	1.1	77.1	1.7	2	6.9	0.15	20.7	100.5	17.1	76.0	14.8	0.9
27482	Soil	56.5	40	1.12	354	0.282	4.55	1.888	0.76	6.0	135.3	3.2	9	5.9	0.18	104.2	131.5	15.4	67.2	15.2	0.9
27483	Soil	135.3	18	0.45	446	0.100	1.75	0.501	0.31	1.6	25.5	1.5	5	3.7	0.22	115.2	322.1	31.5	131.7	25.4	1.4
27484	Soil	13.8	14	0.90	692	0.387	6.28	2.780	1.90	0.8	109.3	1.0	1	5.8	0.04	8.7	29.27	3.1	12.6	2.0	0.5
27485	Soil	43.0	56	0.57	653	0.300	5.09	1.139	2.02	2.9	96.8	3.7	4	8.0	0.05	22.8	109.9	10.6	42.2	7.9	0.6
27486	Soil	102.6	13	0.67	1201	0.144	6.82	0.457	2.88	5.8	44.5	11.5	6	2.5	<0.04	79.6	286.9	26.5	98.9	19.6	2.2
27487	Soil	15.3	10	0.68	670	0.270	5.54	2.620	1.87	0.6	102.7	1.1	1	4.3	<0.04	9.7	33.07	3.6	13.8	2.4	0.4

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Project: True Blue  
 Report Date: August 30, 2010

Page: 2 of 4 Part 3

CERTIFICATE OF ANALYSIS

WHI10000270.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
27601	Soil	3.3	0.4	1.9	0.3	1.0	0.1	1.2	0.2	2.56	11.5	92.8	1.0	21.09	2.1	14.31
27602	Soil	6.3	0.7	4.0	0.7	1.9	0.2	2.2	0.3	3.12	13.0	85.4	0.5	11.76	3.0	15.11
27603	Soil	2.9	0.3	1.6	0.3	0.8	0.1	0.9	0.2	2.33	16.8	98.8	0.7	17.59	2.4	15.81
27604	Soil	2.6	0.3	2.1	0.4	1.0	0.2	1.2	0.2	2.33	14.3	127.0	1.2	37.19	2.4	15.12
27605	Soil	10.1	1.5	9.5	1.7	4.5	0.5	3.9	0.5	3.19	16.6	119.5	4.1	136.0	2.1	13.81
27606	Soil	3.8	0.6	3.3	0.6	1.8	0.2	1.9	0.3	2.59	14.9	91.0	0.6	13.22	3.4	13.19
27607	Soil	3.6	0.5	3.1	0.5	1.5	0.2	1.7	0.2	2.12	14.3	82.6	0.6	15.65	6.4	11.44
27551	Soil	2.1	0.2	1.4	0.2	0.8	<0.1	0.7	0.1	3.07	19.6	46.8	0.9	18.17	1.3	17.94
27552	Soil	1.6	0.2	1.3	0.3	0.6	0.1	0.7	0.1	3.04	23.1	50.3	0.6	10.33	1.5	17.34
27553	Soil	1.6	0.2	1.2	0.2	0.6	<0.1	0.7	<0.1	2.92	19.4	44.9	0.4	7.73	1.4	17.24
27554	Soil	1.4	0.2	1.1	0.2	0.6	<0.1	0.6	<0.1	2.77	18.8	46.9	0.5	8.67	1.4	16.61
27555	Soil	1.5	0.2	1.4	0.2	0.6	<0.1	0.7	<0.1	2.99	19.7	42.5	0.4	6.02	1.1	17.06
27556	Soil	1.7	0.2	1.4	0.2	0.6	<0.1	0.7	0.1	2.81	20.1	47.5	0.5	8.37	1.5	17.12
27557	Soil	2.7	0.4	2.2	0.4	0.9	0.1	0.9	0.1	2.85	22.5	59.5	1.2	24.92	1.4	19.21
27558	Soil	2.5	0.4	2.1	0.4	1.0	0.1	0.9	0.1	2.96	20.8	49.0	0.6	8.67	1.3	17.23
27559	Soil	6.8	0.9	4.8	0.8	1.9	0.2	1.5	0.2	2.36	23.9	59.3	1.0	20.55	2.1	17.74
27560	Soil	3.0	0.5	2.7	0.5	1.3	0.2	1.1	0.2	3.08	19.5	52.1	1.5	19.43	1.4	17.35
27561	Soil	2.0	0.3	1.5	0.3	0.8	<0.1	0.7	0.1	2.84	19.8	46.2	0.4	6.28	1.2	16.15
27562	Soil	3.0	0.3	2.0	0.4	0.9	0.1	1.0	0.1	2.70	27.8	80.3	1.3	28.88	2.0	18.95
27563	Soil	1.5	0.2	1.3	0.2	0.7	<0.1	0.6	<0.1	3.10	19.7	43.8	0.3	5.61	1.1	16.93
27564	Soil	1.5	0.2	1.5	0.2	0.7	<0.1	0.6	0.1	3.08	19.2	46.1	0.4	6.34	1.2	16.75
27565	Soil	1.6	0.2	1.3	0.2	0.7	<0.1	0.6	<0.1	3.12	20.0	45.9	0.4	6.25	1.2	17.61
27566	Soil	5.2	0.7	4.3	0.8	2.0	0.3	1.9	0.3	1.81	25.6	108.1	1.2	27.28	2.7	16.35
27481	Soil	10.4	1.1	5.3	0.8	1.8	0.2	1.8	0.2	2.05	13.7	44.5	0.7	19.90	1.3	15.17
27482	Soil	17.7	2.9	20.5	3.9	11.1	1.4	9.2	1.2	3.23	15.1	70.1	7.3	213.8	2.9	29.85
27483	Soil	23.8	3.6	22.8	4.1	10.8	1.4	9.0	1.1	0.68	5.2	27.4	1.6	43.69	2.9	9.59
27484	Soil	2.3	0.3	1.7	0.3	0.9	0.1	0.8	0.1	2.88	18.0	39.9	0.6	13.26	1.2	18.48
27485	Soil	6.5	0.8	5.0	0.8	2.4	0.3	2.1	0.3	2.40	13.9	84.1	3.4	93.01	3.2	24.13
27486	Soil	19.4	3.3	21.2	3.9	9.7	1.2	7.0	0.7	1.11	41.7	116.4	6.7	167.0	7.6	44.12
27487	Soil	2.3	0.3	2.0	0.4	1.0	0.1	1.0	0.1	2.83	16.7	40.9	1.1	19.65	1.0	16.53

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Project: True Blue  
 Report Date: August 30, 2010

Page: 3 of 4 Part 1

CERTIFICATE OF ANALYSIS

WHI10000270.1

Method Analyte	Unit	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
MDL		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
27488	Soil	4.01	15.25	9.14	53.9	48	11.7	8.0	396	2.36	2.2	1.8	<0.1	4.9	488	0.18	0.44	0.15	76	1.84	0.081
27489	Soil	2.48	17.27	11.15	57.3	94	6.3	6.4	411	1.99	1.8	1.7	<0.1	4.4	444	0.33	0.43	0.12	62	1.59	0.121
27490	Soil	1.63	16.41	8.73	52.9	98	6.0	8.0	406	2.08	1.1	1.4	<0.1	3.4	534	0.40	0.38	0.09	55	1.94	0.095
27491	Soil	4.83	16.08	12.23	45.9	32	6.4	5.7	634	1.96	2.1	1.5	<0.1	5.0	453	0.14	0.54	0.13	67	1.56	0.053
27492	Soil	6.47	23.21	11.20	46.0	87	17.2	8.3	960	2.05	3.8	1.6	<0.1	6.6	305	0.54	0.58	0.43	85	1.21	0.113
27493	Soil	8.78	16.48	10.29	77.6	95	8.3	6.6	617	2.55	3.6	1.7	<0.1	5.3	392	0.38	0.62	0.25	78	1.32	0.060
27494	Soil	2.26	16.89	11.75	70.5	<20	7.9	6.1	347	2.01	4.6	1.9	<0.1	6.2	392	0.22	0.84	0.55	77	1.35	0.030
27495	Soil	2.24	17.76	13.93	104.3	<20	10.3	7.1	408	2.25	5.3	1.9	<0.1	18.3	419	0.24	1.04	0.48	80	1.51	0.033
27496	Soil	2.26	18.32	10.97	52.2	34	10.5	5.0	292	1.71	4.9	1.8	<0.1	6.5	339	0.25	0.86	0.28	87	1.11	0.029
27497	Soil	2.37	28.03	20.19	64.6	182	22.0	7.6	707	2.06	5.5	2.7	<0.1	11.2	302	0.31	0.86	0.35	76	1.64	0.112
27498	Soil	2.51	24.93	26.62	107.6	100	46.0	16.1	707	3.50	15.2	2.0	<0.1	12.0	204	0.40	1.83	0.42	104	3.73	0.082
27499	Soil	1.50	20.26	12.35	37.8	65	10.8	4.8	414	1.16	2.1	1.7	<0.1	4.4	287	0.42	0.50	0.14	28	2.98	0.101
27500	Soil	1.80	18.26	9.76	52.6	57	7.0	7.6	391	2.14	2.9	1.7	<0.1	4.6	509	0.15	0.54	0.15	68	1.87	0.041
27731	Soil	3.71	13.88	122.3	320.4	565	30.5	9.1	1344	2.25	11.6	2.4	<0.1	5.5	141	3.29	4.22	0.17	56	20.25	0.156
27732	Soil	2.07	24.87	64.07	264.7	301	53.9	18.0	721	3.32	8.9	2.1	<0.1	12.3	112	0.92	1.95	0.23	136	13.59	0.093
27735	Soil	3.57	18.42	7.63	54.3	73	10.9	9.9	420	2.58	1.5	1.6	<0.1	4.5	507	0.23	0.42	0.20	92	2.03	0.092
27736	Soil	87.18	16.34	10.55	53.0	124	181.2	30.8	584	4.01	431.6	2.8	<0.1	8.8	83	0.48	2.28	3.22	171	0.65	0.250
27737	Soil	14.71	21.80	11.16	44.0	66	52.3	18.4	658	2.87	68.3	2.5	<0.1	12.6	91	0.47	1.30	1.40	212	0.65	0.224
27738	Soil	26.91	17.95	8.86	102.4	83	31.5	12.8	1421	2.42	14.5	2.4	<0.1	12.2	89	1.10	0.85	0.53	176	0.64	0.300
27739	Soil	15.44	18.68	12.71	69.1	111	34.9	22.0	2882	2.00	3.7	3.7	<0.1	17.2	72	0.93	0.64	0.32	164	1.10	0.357
27740	Soil	18.16	20.98	7.76	50.5	112	38.5	11.6	2308	1.77	4.7	2.1	<0.1	11.8	71	0.39	0.63	0.46	173	0.67	0.327
27741	Soil	46.60	11.35	8.94	49.8	<20	29.7	8.7	720	2.81	11.5	3.2	<0.1	17.3	73	0.35	0.94	0.71	224	0.47	0.301
27742	Soil	16.89	15.23	10.25	43.3	<20	41.7	22.0	2106	2.81	10.4	3.2	<0.1	12.9	143	0.58	0.69	0.66	155	0.89	0.248
27743	Soil	19.59	13.51	12.19	53.0	<20	33.3	11.5	1561	2.64	14.1	3.5	<0.1	16.4	78	0.84	1.23	0.97	138	0.55	0.328
27744	Soil	1.99	19.74	8.89	50.0	67	5.3	7.1	479	1.94	1.2	1.6	<0.1	4.4	528	0.20	0.57	0.14	52	1.82	0.059
27745	Soil	22.40	12.85	11.08	37.8	<20	25.4	7.9	353	3.18	23.3	3.1	<0.1	20.3	103	0.22	1.49	0.87	169	0.52	0.129
27746	Soil	1.97	20.67	8.63	50.0	69	4.9	6.5	381	1.86	1.7	1.6	<0.1	4.1	518	0.26	0.47	0.14	49	1.80	0.070
27747	Soil	14.51	13.42	17.31	54.0	<20	25.0	8.8	417	4.10	11.6	3.0	<0.1	17.9	156	0.16	1.39	0.63	115	0.85	0.046
27748	Soil	7.16	17.00	15.97	49.2	<20	18.0	7.6	524	3.07	6.0	7.9	<0.1	13.5	249	0.21	0.86	0.44	78	1.99	0.076
27749	Soil	12.58	19.51	23.13	56.7	<20	22.9	10.6	1383	4.87	18.1	4.4	<0.1	18.9	168	0.31	1.18	0.83	90	1.10	0.111

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Project: True Blue  
 Report Date: August 30, 2010

Page: 3 of 4 Part 2

CERTIFICATE OF ANALYSIS

WHI10000270.1

Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
27488	Soil	15.5	15	0.71	682	0.363	5.54	2.673	1.86	0.7	101.9	1.8	2	5.1	<0.04	9.7	31.24	3.8	14.7	2.8	0.5
27489	Soil	13.2	10	0.60	732	0.304	5.42	2.569	1.96	0.7	108.4	0.9	2	4.0	<0.04	7.5	26.44	2.9	11.9	2.1	0.4
27490	Soil	11.2	8	0.74	726	0.299	5.87	2.764	1.96	0.5	106.6	0.7	<1	4.4	<0.04	6.1	23.90	2.6	10.1	1.7	0.4
27491	Soil	16.6	15	0.57	762	0.283	5.83	2.656	2.18	0.8	108.3	1.7	1	3.9	<0.04	6.5	33.28	3.6	13.4	2.1	0.4
27492	Soil	29.6	29	0.48	611	0.228	5.01	1.929	1.91	0.8	89.3	1.8	1	4.6	<0.04	7.8	65.69	6.1	20.4	3.1	0.5
27493	Soil	17.8	17	0.58	727	0.271	5.79	2.254	2.24	0.8	103.7	2.9	1	4.0	<0.04	6.8	36.01	3.7	14.0	2.2	0.5
27494	Soil	19.2	24	0.56	819	0.347	5.71	2.379	2.12	1.0	103.6	1.8	1	4.3	<0.04	7.7	38.44	4.5	16.3	2.5	0.5
27495	Soil	19.1	19	0.63	864	0.344	5.75	2.525	2.15	0.9	102.4	1.8	1	4.9	<0.04	8.1	39.38	4.5	16.5	2.5	0.5
27496	Soil	19.3	28	0.52	821	0.326	5.70	2.307	2.07	1.1	99.1	2.0	1	4.4	<0.04	7.0	38.81	4.6	17.5	2.7	0.5
27497	Soil	37.5	39	0.61	750	0.252	5.01	1.908	1.79	1.0	89.9	3.2	2	5.6	0.06	16.3	60.83	9.1	35.5	5.7	1.0
27498	Soil	39.7	61	2.27	761	0.313	6.39	1.455	1.66	1.2	63.0	2.8	2	8.6	<0.04	17.5	87.73	9.5	35.3	5.9	1.0
27499	Soil	16.9	11	0.48	464	0.158	3.75	1.494	1.13	0.3	63.7	2.1	<1	2.6	0.12	8.7	29.66	3.7	13.9	2.2	0.4
27500	Soil	14.7	20	0.71	740	0.343	6.05	2.823	2.15	0.7	109.1	1.2	2	4.9	<0.04	7.4	29.95	3.2	13.0	2.2	0.5
27731	Soil	22.2	48	2.40	1766	0.182	3.09	0.201	1.03	1.8	43.3	1.8	2	5.6	0.05	18.3	42.91	5.0	18.7	3.2	0.7
27732	Soil	44.3	82	2.98	1719	0.248	4.73	0.310	1.33	1.3	61.2	1.6	2	8.1	0.05	24.5	115.2	12.1	46.7	7.1	1.2
27735	Soil	13.6	22	0.92	634	0.364	5.76	2.476	1.71	0.6	101.2	1.0	1	5.9	0.04	7.7	31.30	4.0	16.6	3.2	0.6
27736	Soil	34.2	50	1.42	424	0.301	4.37	0.788	1.55	1.9	70.5	3.6	3	7.0	0.13	11.1	84.96	12.8	57.7	10.3	0.6
27737	Soil	35.4	76	0.78	527	0.363	4.34	1.346	1.46	2.1	67.5	2.9	2	8.9	0.07	9.9	74.19	8.7	32.2	4.9	0.6
27738	Soil	23.7	76	0.49	575	0.215	3.44	0.941	1.40	1.6	54.2	3.7	3	7.5	0.15	7.4	46.45	4.8	17.9	2.9	0.4
27739	Soil	31.7	64	0.64	571	0.155	3.42	0.743	1.21	1.5	41.0	5.8	2	7.0	0.18	15.2	64.38	7.0	26.5	4.8	0.5
27740	Soil	29.4	62	0.47	462	0.173	3.58	1.323	1.08	1.3	41.2	2.3	2	5.9	0.15	10.2	60.44	6.3	23.3	3.5	0.5
27741	Soil	33.5	78	0.51	515	0.282	4.71	1.338	1.61	2.9	74.6	4.7	3	8.2	0.08	14.3	67.10	7.7	27.7	4.9	0.6
27742	Soil	35.2	49	0.67	502	0.239	4.20	1.374	1.25	1.7	58.4	3.2	2	6.8	0.10	16.9	69.35	8.1	29.4	4.7	0.6
27743	Soil	42.5	52	0.44	570	0.276	3.59	1.273	1.31	2.4	62.9	3.9	3	5.6	0.13	18.0	84.96	9.5	35.5	5.4	0.6
27744	Soil	12.1	6	0.61	795	0.286	6.35	2.896	2.18	0.5	117.8	0.9	<1	3.9	<0.04	6.5	25.73	2.9	11.2	1.9	0.5
27745	Soil	58.8	59	0.52	646	0.318	5.40	1.610	1.84	3.5	78.9	5.4	3	7.1	<0.04	23.4	121.3	12.5	45.6	7.0	0.8
27746	Soil	12.3	22	0.59	796	0.279	6.42	2.848	2.20	0.5	118.5	0.9	<1	3.7	<0.04	6.3	25.44	3.0	10.7	1.9	0.4
27747	Soil	75.4	66	0.79	738	0.362	6.09	1.592	2.01	2.8	67.7	4.9	3	6.6	<0.04	17.9	148.4	15.3	54.1	8.3	1.2
27748	Soil	50.0	56	0.83	692	0.287	5.46	1.720	1.78	2.0	74.6	3.4	2	5.8	0.06	21.0	90.38	10.5	38.4	6.2	1.0
27749	Soil	86.0	47	0.77	782	0.310	5.73	1.530	1.89	3.1	68.2	6.3	3	6.1	0.06	38.5	149.6	17.3	61.3	9.8	1.7

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 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 30, 2010

Page: 3 of 4 Part 3

CERTIFICATE OF ANALYSIS

WHI10000270.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
27488	Soil	2.2	0.3	2.0	0.3	1.0	0.1	0.9	0.1	2.72	17.0	41.0	0.8	15.01	1.2	16.51
27489	Soil	2.0	0.2	1.6	0.3	0.7	0.1	0.8	<0.1	2.87	17.3	43.6	0.7	14.22	1.4	16.56
27490	Soil	1.4	0.2	1.4	0.2	0.7	<0.1	0.7	<0.1	2.97	17.0	38.8	0.4	5.70	1.1	16.33
27491	Soil	1.6	0.2	1.3	0.2	0.7	<0.1	0.6	<0.1	2.76	19.4	48.5	0.6	9.69	1.4	17.35
27492	Soil	2.2	0.3	1.5	0.2	0.7	<0.1	0.7	0.1	2.34	15.9	53.1	0.4	7.49	1.7	15.11
27493	Soil	1.9	0.2	1.4	0.2	0.7	<0.1	0.8	0.1	2.72	17.7	58.7	0.7	11.20	1.7	17.54
27494	Soil	2.1	0.3	1.6	0.3	0.8	0.1	0.9	0.1	2.81	18.4	55.8	1.1	17.76	1.4	17.97
27495	Soil	2.2	0.3	1.7	0.3	0.9	0.1	0.9	0.2	2.75	19.2	54.1	0.9	16.79	1.6	17.44
27496	Soil	2.3	0.2	1.5	0.3	0.7	0.1	0.7	0.1	2.73	17.8	55.8	0.9	14.72	1.7	17.48
27497	Soil	5.1	0.6	3.4	0.6	1.5	0.2	1.5	0.2	2.38	30.1	52.5	0.6	10.78	3.3	15.78
27498	Soil	5.3	0.6	3.8	0.6	1.6	0.2	1.7	0.2	1.80	31.0	71.0	0.8	14.82	2.6	14.28
27499	Soil	2.1	0.3	1.6	0.3	0.7	<0.1	0.7	0.1	1.67	11.1	27.7	0.3	4.12	0.7	10.08
27500	Soil	2.1	0.2	1.4	0.3	0.7	<0.1	0.8	0.1	2.95	19.2	47.5	0.6	9.46	1.2	17.18
27731	Soil	3.3	0.4	2.8	0.5	1.5	0.2	1.5	0.2	1.11	11.1	45.5	0.4	6.59	1.3	6.59
27732	Soil	6.0	0.7	4.8	0.8	2.3	0.2	2.2	0.3	1.67	26.4	53.8	0.5	8.75	2.5	11.55
27735	Soil	2.6	0.3	1.8	0.3	0.8	0.1	0.8	0.1	2.92	16.8	39.8	0.4	7.01	1.0	17.26
27736	Soil	7.2	0.7	3.2	0.4	1.1	0.2	1.2	0.2	1.89	23.8	73.8	0.7	17.17	3.4	21.00
27737	Soil	3.8	0.4	2.5	0.4	1.0	0.1	1.1	0.2	1.84	16.1	69.1	0.9	14.79	2.2	16.43
27738	Soil	2.0	0.3	1.4	0.3	0.7	0.1	0.8	0.1	1.38	9.5	71.2	0.7	17.80	2.7	12.96
27739	Soil	3.8	0.5	3.3	0.5	1.4	0.2	1.2	0.2	1.07	9.3	68.4	0.8	17.47	3.5	12.13
27740	Soil	3.1	0.4	2.4	0.4	1.0	0.1	0.8	0.1	1.17	7.8	59.9	0.7	14.07	2.4	12.21
27741	Soil	3.7	0.5	2.9	0.6	1.5	0.2	1.5	0.2	1.95	11.3	86.3	2.3	51.95	3.4	19.09
27742	Soil	4.0	0.6	3.4	0.6	1.6	0.2	1.3	0.2	1.56	14.1	55.0	1.3	31.82	2.5	16.10
27743	Soil	4.5	0.6	3.9	0.7	1.8	0.2	1.7	0.2	1.64	10.0	72.1	2.7	63.46	2.3	16.93
27744	Soil	1.5	0.2	1.3	0.3	0.6	<0.1	0.7	0.1	3.22	19.7	47.1	0.4	6.85	1.2	16.84
27745	Soil	6.4	0.9	5.2	0.9	2.5	0.3	2.2	0.3	1.84	15.2	100.7	4.6	99.12	2.5	22.88
27746	Soil	2.0	0.2	1.2	0.3	0.7	<0.1	0.7	0.1	3.12	18.8	48.6	0.4	6.74	1.3	17.09
27747	Soil	6.8	0.8	4.7	0.7	1.8	0.2	1.6	0.2	1.80	21.6	103.5	3.4	76.01	2.5	20.55
27748	Soil	5.3	0.7	4.5	0.7	1.9	0.2	1.6	0.2	1.94	21.3	76.1	2.2	48.46	2.1	17.94
27749	Soil	9.7	1.4	8.3	1.4	3.8	0.4	2.9	0.3	1.74	21.9	133.4	3.8	81.78	3.2	20.84

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Project: True Blue  
 Report Date: August 30, 2010

Page: 4 of 4 Part 1

**CERTIFICATE OF ANALYSIS**

**WHI10000270.1**

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001	
27750	Soil	3.07	24.20	8.76	48.7	85	6.7	6.6	577	1.83	1.2	2.7	<0.1	4.3	424	0.34	0.43	0.15	47	1.89	0.045
27751	Soil	9.06	30.31	22.59	73.0	190	26.8	10.6	1652	2.77	7.4	3.3	<0.1	9.5	323	0.58	0.82	0.63	70	1.30	0.112
27752	Soil	9.48	22.74	11.06	72.0	56	11.1	6.9	867	2.40	2.0	1.8	<0.1	4.8	483	0.48	0.50	0.18	53	1.79	0.044



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Page: 4 of 4 Part 2

**CERTIFICATE OF ANALYSIS**

**WHI10000270.1**

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
27750	Soil	16.3	20	0.63	676	0.273	5.17	2.451	1.86	0.6	99.1	1.0	1	3.7	<0.04	8.1	31.17	3.8	14.1	2.3	0.5
27751	Soil	40.8	29	0.61	754	0.283	5.47	1.951	1.78	1.3	89.1	2.0	2	5.4	<0.04	19.1	75.33	9.4	35.2	6.3	1.2
27752	Soil	17.5	16	0.62	752	0.280	6.33	2.739	2.18	0.7	108.7	1.3	1	4.0	<0.04	8.7	33.39	4.1	14.9	2.5	0.5



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Page: 4 of 4 Part 3

CERTIFICATE OF ANALYSIS

WHI10000270.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	
27750	Soil	2.0	0.3	1.5	0.3	0.8	<0.1	0.8	0.1	2.55	16.8	43.7	0.5	8.28	1.1	15.09
27751	Soil	5.4	0.8	4.5	0.7	1.7	0.2	1.7	0.2	2.37	20.0	67.6	1.0	21.51	1.9	16.41
27752	Soil	2.3	0.3	1.8	0.3	0.8	0.1	0.9	0.1	2.71	20.3	57.5	0.7	15.18	1.6	18.42





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**Project:** True Blue  
**Report Date:** August 30, 2010

**Page:** 1 of 1 **Part** 1

QUALITY CONTROL REPORT

WHI10000270.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
Pulp Duplicates																					
27555	Soil	1.66	16.80	9.40	63.9	66	5.4	6.5	397	2.05	1.6	1.4	<0.1	3.7	525	0.36	0.38	0.09	55	1.99	0.047
REP 27555	QC	1.68	16.18	9.40	59.7	76	5.4	6.6	397	1.98	1.0	1.4	<0.1	3.6	519	0.35	0.38	0.09	52	1.90	0.046
27736	Soil	87.18	16.34	10.55	53.0	124	181.2	30.8	584	4.01	431.6	2.8	<0.1	8.8	83	0.48	2.28	3.22	171	0.65	0.250
REP 27736	QC	83.28	16.07	11.10	52.7	61	185.8	32.2	591	4.10	441.5	3.0	<0.1	8.9	86	0.46	2.22	3.21	175	0.68	0.250
Reference Materials																					
STD OREAS24P	Standard	1.59	57.19	2.64	119.1	27	152.6	49.7	1158	7.67	2.0	0.7	<0.1	2.7	378	0.16	0.09	<0.04	178	6.02	0.140
STD OREAS24P	Standard	1.62	55.34	2.69	123.7	<20	157.9	50.4	1152	7.77	1.1	0.7	<0.1	2.8	378	0.19	0.11	<0.04	182	6.26	0.137
STD OREAS24P	Standard	1.55	55.27	2.27	126.0	34	148.4	47.4	1097	7.80	1.2	0.6	<0.1	2.7	412	0.18	0.09	<0.04	169	6.23	0.148
STD OREAS24P	Standard	1.46	52.17	2.41	116.7	<20	145.6	46.4	1141	7.59	0.7	0.6	<0.1	2.5	382	0.13	0.08	<0.04	165	6.11	0.138
STD OREAS24P Expected		1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83	0.136
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	<0.001
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	7	<0.02	<0.02	<0.04	<1	<0.02	<0.001



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 Report Date: August 30, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI10000270.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu	
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	
Pulp Duplicates																					
27555	Soil	12.4	7	0.71	782	0.299	6.16	2.949	2.20	0.5	115.8	0.8	1	4.7	<0.04	6.3	25.80	2.8	10.8	1.7	0.4
REP 27555	QC	12.7	7	0.69	768	0.290	6.10	2.856	2.10	0.5	111.6	0.8	1	4.3	<0.04	6.1	26.13	2.8	11.0	1.9	0.4
27736	Soil	34.2	50	1.42	424	0.301	4.37	0.788	1.55	1.9	70.5	3.6	3	7.0	0.13	11.1	84.96	12.8	57.7	10.3	0.6
REP 27736	QC	31.1	55	1.46	420	0.325	4.59	0.814	1.52	2.4	72.1	4.3	2	7.0	0.13	11.8	75.52	11.1	48.1	8.8	0.6
Reference Materials																					
STD OREAS24P	Standard	18.7	205	4.22	282	1.148	8.33	2.472	0.69	0.4	138.4	1.6	<1	19.2	<0.04	23.5	38.63	5.0	21.9	4.5	1.6
STD OREAS24P	Standard	18.7	206	4.08	275	1.169	8.05	2.531	0.69	0.5	136.6	1.6	1	19.0	<0.04	23.1	38.76	5.0	21.5	4.7	1.6
STD OREAS24P	Standard	18.9	208	4.32	296	1.096	8.13	2.507	0.72	0.3	147.4	1.6	1	20.9	<0.04	23.5	39.43	4.9	21.6	4.4	1.6
STD OREAS24P	Standard	18.2	209	4.23	286	1.072	7.80	2.423	0.68	0.4	137.7	1.6	1	19.5	<0.04	22.4	38.04	4.7	21.1	4.3	1.5
STD OREAS24P Expected		17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7	1.6
BLK	Blank	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1
BLK	Blank	0.7	<1	<0.02	12	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	1.31	<0.1	<0.1	<0.1	<0.1



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

**Project:** True Blue  
**Report Date:** August 30, 2010

**Page:** 1 of 1 **Part** 3

QUALITY CONTROL REPORT

WHI10000270.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
Pulp Duplicates																
27555	Soil	1.5	0.2	1.4	0.2	0.6	<0.1	0.7	<0.1	2.99	19.7	42.5	0.4	6.02	1.1	17.06
REP 27555	QC	1.7	0.2	1.4	0.2	0.6	<0.1	0.6	0.1	2.84	19.1	40.8	0.4	5.82	1.1	17.08
27736	Soil	7.2	0.7	3.2	0.4	1.1	0.2	1.2	0.2	1.89	23.8	73.8	0.7	17.17	3.4	21.00
REP 27736	QC	6.5	0.6	3.1	0.4	1.2	0.2	1.4	0.2	1.92	23.5	74.6	0.9	20.26	3.2	20.25
Reference Materials																
STD OREAS24P	Standard	5.5	0.8	5.1	0.9	2.3	0.3	1.9	0.3	3.50	8.9	23.8	1.1	20.40	0.8	20.00
STD OREAS24P	Standard	5.6	0.8	4.8	0.9	2.0	0.3	1.9	0.3	3.41	8.3	23.8	1.1	20.07	0.8	19.86
STD OREAS24P	Standard	5.4	0.7	4.9	0.8	2.1	0.2	1.7	0.2	3.44	8.8	25.0	1.1	21.00	0.8	20.60
STD OREAS24P	Standard	5.4	0.7	4.8	0.8	2.1	0.2	1.7	0.3	3.53	8.4	23.3	1.1	19.77	0.8	19.21
STD OREAS24P Expected		5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	1.5	<0.1	<0.04	<0.1	<0.02

**Geological report on the  
True Blue Project  
describing the geology, geochemistry and mineralization  
of the  
Shark Property**

Shark 1 - 16 YC23168 - YC23183  
Shark 16 - 64 YC24131 - YC24178  
Shark 65 - 94 YC24327 - YC24356  
Shark 95 - 335 YD59630 - YD59870

NTS 105F/07, 08, 09 and 10  
Latitude 61° 30'N Longitude 132° 30'W

in the

Watson Lake Mining District  
Yukon Territory

**VOLUME 3  
APPENDICES 3 - 7**

prepared by

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Saskatoon

for

Great Western Minerals Ltd

November 2010

## APPENDIX 3

## Grab and Chip Sample Analytical Certificates.

Sample	CPS	Easting	Northing	Lithology	Type
25702	250	637060	6821750	Hble Syenite	Chip
25703	1300	637044	6821734		Chip
25704	2100	637069	6821723		Chip
25705	750	637066	6821709		Chip
25706	1700	637083	6821713	Felsic Volcanic	Chip
25707	1100	637081	6821707		Chip
25708	400	637109	6821696	Felsic Volcanic	Chip
25709	200	637111	6821656	Skarn	Chip
25710	1650	637139	6821659		Chip
25711	1900	637139	6821659		Chip
25712	1100	637139	6821659		Chip
25713		637553	6821224	Carbonate Grey	Chip
25714		637564	6821177	Carbonate Grey	Chip
25715		637564	6821120	Skarn	Chip
25716		637579	6821083	Skarn	Chip
25717	1000	637575	6821043	Skarn	Chip
25718	1000	637603	6821024	Skarn	Chip
25719	300	637482	6820934	Felsic Volcanic	Chip
25720	900	637519	6820884	Felsic Volcanic	Chip
25721	200	637555	6820849	Carbonate Grey	Chip
25722	100	637593	6820804	Carbonate Grey	Chip
25723	100	637597	6820759	Skarn	Chip
25724	300	637601	6820713	Carbonate Grey	Chip
25725	200	637599	6820655	Skarn	Chip
25726	300	637600	6820612	Carbonate Grey	Chip
25727	400	637595	6820533	Carbonate Grey	Chip
25728	700	637531	6820464	Carbonate Grey	Chip
25729	300	637506	6820468	Carbonate Grey	Chip
25730		637471	6820438	Carbonate Grey	Chip
25731	300	637426	6820452	Syenite	Chip
25732	300	637392	6820420	Syenite	Chip
25733		637346	6820431	Syenite	Chip
25734	400	637300	6820439	Syenite	Chip
25735	300	637237	6820473	Syenite	Chip
25736	300	635425	6820906	Syenite	Chip
25737	400	635425	6820881	Hble Syenite	Chip
25738	450	635432	6820856	Syenite	Chip
25739	400	635453	6820838	Syenite	Chip
25740	300	635463	6820816	Syenite	Chip
25741	350	635460	6820786	Hble Syenite	Chip
25742	350	635464	6820761	Syenite	Chip
25743	450	635475	6820736	Syenite	Chip
25744	400	635469	6820705	Syenite	Chip
25745	600	635481	6820678	Syenite	Chip
25746	500	635507	6820663	Syenite	Chip
25747	500	635540	6820651	Syenite	Chip
25748	450	635563	6820627	Syenite	Chip
25749	500	635603	6820575	Syenite	Chip
25750	500	635608	6820536	Syenite	Chip
25785	400	637359	6821076	Carbonate Grey	Chip
25786	350	637370	6821085	Skarn	Chip
25787	650	637364	6821099	Carbonate Grey	Chip

Sample	CPS	Easting	Northing	Lithology	Type
25788	600	637359	6821113	Skarn	Chip
25789	2700	637385	6820985	Skarn	Chip
25790		637411	6820961	Skarn	Chip
25791		637398	6820984	Carbonate Grey	Chip
25792		637390	6821008	Carbonate Grey	Chip
25793		637380	6821029	Carbonate Grey	Chip
25794		637376	6821053	Carbonate Grey	Chip
25795		637347	6821134	Carbonate Grey	Chip
25796		637344	6821156	Carbonate Grey	Chip
25797		637493	6821332	Carbonate Grey	Chip
25798		637501	6821309	Carbonate Grey	Chip
25799		637517	6821290	Carbonate Grey	Chip
25800		637540	6821263	Carbonate Grey	Chip
25812	300	635951	6821723	Syenite	Chip
25813	300	635988	6821682	Syenite	Chip
25814	250	636008	6821660	Syenite	Chip
25815	300	636025	6821636	Syenite	Chip
25816	350	636033	6821611	Dyke	Chip
25817	350	636052	6821588	Syenite	Chip
25818	350	636062	6821567	Syenite	Chip
25819	250	636083	6821554	Syenite	Chip
25820	250	636109	6821540	Syenite	Chip
25821	300	636128	6821524	Syenite	Chip
25822	300	636142	6821504	Syenite	Chip
25823	300	636157	6821480	Syenite	Chip
25824	300	636168	6821455	Syenite	Chip
25851	400	635448	6821688	Syenite	Chip
25852	500	635436	6821664	Syenite	Chip
25853	500	635420	6821642	Syenite	Chip
25854	400	635404	6821624	Syenite	Chip
25855	600	635387	6821605	Syenite	Chip
25856	450	635361	6821608	Syenite	Chip
25857	500	635348	6821584	Syenite	Chip
25858	400	635327	6821568	Syenite	Chip
25859	350	635305	6821554	Syenite	Chip
25860	400	635292	6821530	Syenite	Chip
25861	350	635269	6821512	Syenite	Chip
25862	400	635250	6821491	Syenite	Chip
25863	400	635234	6821468	Syenite	Chip
25864	450	635209	6821459	Syenite	Chip
25865	400	635183	6821465	Syenite	Chip
25866	450	635162	6821404	Syenite	Chip
25867	500	635154	6821508	Syenite	Chip
25868	500	635161	6821534	Syenite	Chip
25869	500	635159	6821561	Syenite	Chip
25870	400	635167	6821587	Syenite	Chip
25871	500	635176	6821613	Hble Syenite	Chip
25872	500	635178	6821640	Hble Syenite	Chip
25873	400	635186	6821664	Hble Syenite	Chip
25874	350	635180	6821691	Hble Syenite	Chip
25875	400	635182	6821716	Hble Syenite	Chip
25876	350	635180	6821743	Hble Syenite	Chip
25877	350	635178	6821769	Hble Syenite	Chip
25878	200	637261	6820066	Felsic Volcanic	Chip
25879	300	637288	6820059	Felsic Volcanic	Chip
25880	200	637317	6820066	Syenite	Chip
25881	2000	637343	6820063	Felsic Volcanic	Chip
25882	400	637370	6820067	Chert	Chip

Sample	CPS	Easting	Northing	Lithology	Type
25883	300	637396	6820064	Chert	Chip
25884	200	637423	6820064	Syenite	Chip
25885	200	637449	6820063	Felsic Volcanic	Chip
25886	2550	637361	6820078	Felsic Volcanic	Chip
25887		637359	6820074	Dyke	Chip
25892	250	637473	6820070	Felsic Volcanic	Chip
25893	200	637498	6820081	Chert	Chip
25894	400	637524	6820090	Siltstone	Chip
25895	150	637547	6820085	Siltstone	Chip
25896	150	637566	6820105	Siltstone	Chip
25897	150	637586	6820122	Siltstone	Chip
25898	150	637601	6820142	Siltstone	Chip
25899	200	637617	6820164	Siltstone	Chip
25900	200	637638	6820180	Siltstone	Chip
25901	450	634660	6821619	Syenite	Chip
25902	450	634668	6821595	Hble Syenite	Chip
25904	400	634685	6821545	Hble Syenite	Chip
25905	650	634685	6821545	Syenite	Chip
25906	750	634689	6821520	Syenite	Chip
25907	600	634693	6821494	Syenite	Chip
25908	600	634706	6821474	Syenite	Chip
25909	450	634701	6821446	Syenite	Chip
25910	600	634701	6821420	Syenite	Chip
25911	550	634692	6821396	Syenite	Chip
25912	500	634705	6821368	Syenite	Chip
25913	550	634722	6821347	Syenite	Chip
25914	450	634731	6821324	Syenite	Chip
25915	550	634742	6821300	Syenite	Chip
25916	600	634735	6821275	Syenite	Chip
25917	450	634744	6821251	Syenite	Chip
25918	550	634752	6821227	Syenite	Chip
25919	500	634753	6821200	Syenite	Chip
25920	550	634750	6821175	Syenite	Chip
25921	650	634752	6821151	Syenite	Chip
25922	600	634748	6821126	Syenite	Chip
25923	650	634740	6821102	Syenite	Chip
25924	550	634727	6821079	Syenite	Chip
25925	1000	634718	6821055	Syenite	Chip
25926	650	634202	6821467	Hble Syenite	Chip
25927	700	634204	6821435	Syenite	Chip
25928	850	634207	6821404	Syenite	Chip
25929	100	634214	6821374	Syenite	Chip
25930	750	634220	6821344	Syenite	Chip
25931	1150	634244	6821325	Syenite	Chip
25932	900	634263	6821301	Syenite	Chip
25933	550	634277	6821274	Syenite	Chip
25934	700	634298	6821253	Syenite	Chip
25935	550	634319	6821231	Skarn	Chip
25936	850	634346	6821209		Chip
25937	800	634357	6821185	Skarn	Chip
25938	800	634374	6821161	Syenite	Chip
25939	800	634389	6821134	Skarn	Chip
25940	700	634410	6821113	Hble Syenite	Chip
25941	650	634432	6821089	Syenite	Chip
25942	650	634451	6821065	Syenite	Chip
25943	1300	634475	6821044	Syenite	Chip
25944	1100	634495	6821021	Syenite	Chip
25945	1100	634519	6820999	Syenite	Chip

Sample	CPS	Easting	Northing	Lithology	Type
25946	950	634541	6820979	Syenite	Chip
25947	550	634554	6820951	Syenite	Chip
25948	500	634567	6820921	Syenite	Chip
25949	500	634593	6820903	Syenite	Chip
25950	650	634617	6820881	Syenite	Chip
26451	250	635650	6821135	Syenite	Chip
26452	300	635661	6821164	Syenite	Chip
26453	300	635687	6821180	Syenite	Chip
26454	250	635709	6821200	Syenite	Chip
26455	250	635732	6821218	Syenite	Chip
26456	300	635743	6821245	Syenite	Chip
26457	250	635758	6821272	Syenite	Chip
26458	300	635775	6821298	Syenite	Chip
26459	300	635782	6821328	Syenite	Chip
26460	300	635792	6821357	Syenite	Chip
26461	300	635771	6821380	Syenite	Chip
26462	200	635747	6821401	Syenite	Chip
26463	250	635741	6821435	Syenite	Chip
26464	250	635732	6821466	Syenite	Chip
26465	300	635714	6821525	Syenite	Chip
26466	300	635714	6821525	Syenite	Chip
26467	350	635707	6821556	Syenite	Chip
26468	300	635692	6821584	Syenite	Chip
28051	150	637658	6820198	Siltstone	Chip
28052	200	637679	6820214	Siltstone	Chip
28053	150	636214	6821274	Carbonate Grey	Chip
28054	200	636204	6821307	Carbonate Grey	Chip
28055	250	636204	6821345	Carbonate Grey	Chip
28056	250	636192	6821374	Carbonate Grey	Chip
28057	200	636182	6821402	Carbonate Grey	Chip
28058	250	636185	6821432	Syenite	Chip
28059	300	636177	6821462	Hble Syenite	Chip
28060	400	635934	6821744	Syenite	Chip
28061	350	635906	6821751	Syenite	Chip
28062	350	635886	6821765	Syenite	Chip
28063	300	635868	6821782	Syenite	Chip
28064	250	635846	6821803	Syenite	Chip
28065	250	635826	6821825	Syenite	Chip
28066	250	635829	6821856	Syenite	Chip
28067	300	635820	6821888	Syenite	Chip
28068	250	635797	6821907	Syenite	Chip
28069	250	635764	6821931	Syenite	Chip
28070	200	635754	6821978	Syenite	Chip
28071	200	635741	6822014	Syenite	Chip
28072	200	635730	6822047	Syenite	Chip
333123	600	637576	6821041	Carbonate	Chip
333124	9000	637576	6821041	Syenite Dyke 2	Chip
333125	600	637576	6821041	Carbonate Grey	Chip
333126	8000	637608	6821017	Qz Aplite Dyke	Chip
333127	1200	637608	6821017	Carbonate Grey	Chip
333128	500	637608	6821017	Carbonate Grey	Chip
333129	250	637712	6820247	Shale	Chip
333130	300	637763	6820267	Shale	Chip
333131	250	637794	6820284	Black Shale	Chip
333132	450	637821	6820312	Black Shale	Chip
333133	250	637852	6820337	Black Shale	Chip
333134		637403	6821995	Black Shale	Chip
333135		637760	6821822	Black Shale	Chip



Sample	CPS	Easting	Northing	Lithology	Type
333136		637736	6821792	Black Shale	Chip
333137		637859	6821704	Carbonate Grey	Chip
333138		637915	6821668	Black Shale	Chip
333139		638045	6821660	Carbonate Grey	Chip
333140	380	637048	6820247	Syenite	Chip
333141	280	637036	6820272	Syenite	Chip
333142	465	637022	6820297	Syenite	Chip
333143	250	637010	6820321	Syenite	Chip
333144	250	636999	6820346	Syenite	Chip
333145	345	636992	6820372	Syenite	Chip
333146	510	636989	6820397	Syenite	Chip
333147	220	636970	6820415	Syenite	Chip
333149	180	636945	6820425	Felsic Volcanic	Chip
333150	155	636925	6820443	Felsic Volcanic	Chip
333151	160	636893	6820450	Felsic Volcanic	Chip
333152	170	636880	6820432	Felsic Volcanic	Chip
333153	205	636862	6820418	Syenite	Chip
333154	145	636842	6820403	Syenite	Chip
333155	130	636823	6820417	Syenite	Chip
333156	147	636800	6820422	Syenite	Chip
333157	170	636789	6820444	Syenite	Chip
333158	125	636772	6820419	Mafic Volcanic	Chip
333159	100	636768	6820394	Mafic Volcanic	Chip
333160	600	636768	6820368	Mafic Volcanic	Chip
333161	1000	637539	6819715	Felsic Volcanic	Chip
333162	6000	637540	6819712	Qz Aplite Dyke 2	Chip
333163	2000	637539	6819711	Felsic Volcanic	Chip
333164	7000	637534	6819711	Qz Aplite Dyke	Chip
333165	1000	637537	6819710	Felsic Volcanic	Chip
333166	7000	637529	6819735	Qz Aplite Dyke	Chip
333167	3000	637530	6819735	Qz Aplite Dyke	Chip
333168	300	637452	6820423	Syenite	Chip
333169	300	637426	6820423	Hble Syenite	Chip
333170	300	637404	6820412	Syenite	Chip
333171	300	637380	6820411	Hble Syenite	Chip
333172	300	637354	6820422	Hble Syenite	Chip
333173	350	637326	6820425	Hble Syenite	Chip
333174	350	637303	6820427	Hble Syenite	Chip
333175	350	637274	6820426	Hble Syenite	Chip
333176	400	637247	6820409	Hble Syenite	Chip
333177	500	637222	6820413	Hble Syenite	Chip
333178	400	637189	6820404	Hble Syenite	Chip
333179	350	637158	6820411	Hble Syenite	Chip
333180	350	637143	6820423	Hble Syenite	Chip
333181	500	637125	6820454	Syenite	Chip
333182	500	637112	6820474	Syenite	Chip
333183	500	637092	6820494	Syenite	Chip
333184	500	637078	6820517	Syenite	Chip
333185	400	637070	6820544	Syenite	Chip
333186	350	637062	6820576	Syenite	Chip
333187	500	637052	6820604	Syenite	Chip
333188	500	637044	6820627	Syenite	Chip
333189	300	637039	6820657	Syenite	Chip
333190	300	637041	6820686	Syenite	Chip
333191	350	637034	6820714	Syenite	Chip
333192	300	637038	6820738	Syenite	Chip
333201	1300	637895	6820058	Felsic Volcanic	Chip
333202	1050	637895	6820058	Aplite Dyke	Chip

Sample	CPS	Easting	Northing	Lithology	Type
333203	1300	637895	6820058	Aplite Dyke	Chip
333204	650	637895	6820058	Syenite Dyke	Chip
25701	1000	636157	6821480		Grab
25751	2100	634625	6820947	Syenite	Grab
25752	1500	634633	6820883	Hble Syenite	Grab
25753	2100	634637	6820858	Hble Syenite	Grab
25754	1900	634580	6820859	Hble Syenite	Grab
25755	6500	634544	6820874	Aplite Dyke	Grab
25756	1800	634604	6820897	Syenite	Grab
25757	1800	634604	6820897	Syenite	Grab
25758	1500	635247	6821626	Syenite	Grab
25759	2000	635164	6821620	Syenite	Grab
25760	1000	635161	6821622	Syenite	Grab
25762	900	635270	6821663	Hble Syenite	Grab
25763	1000	635276	6821739	Hble Syenite	Grab
25764	1600	635447	6820905	Syenite Dyke	Grab
25765	300	635444	6820903	Syenite Dyke	Grab
25766		635494	6820439	Syenite Dyke	Grab
25767	340	636627	6821146	Syenite	Grab
25768	450	636660	6821122	Syenite	Grab
25769	500	636680	6821110	Syenite	Grab
25770	550	636702	6821103	Syenite	Grab
25771	500	636722	6821091	Syenite	Grab
25772	1000	636738	6821092	Hble Syenite	Grab
25773	460	636748	6821078	Hble Syenite	Grab
25774	400	636769	6821074	Chert	Grab
25775	340	636792	6821074	Chert	Grab
25776	800	636792	6821074	Hble Syenite	Grab
25777	250	636819	6821072	Syenite	Grab
25778	250	636843	6821071	Chert	Grab
25779	230	636870	6821059	Chert	Grab
25780	550	636895	6821050	Syenite	Grab
25781	400	636906	6821033	Hble Syenite	Grab
25782	2400	636906	6821033	Felsic Volcanic	Grab
25783	300	636940	6821034	Hble Syenite	Grab
25784	450	636977	6821031	Hble Syenite	Grab
25801	2000	635470	6821647	Syenite Dyke 2	Grab
25802	750	635147	6821334	Syenite	Grab
25803	400	635136	6821353	Syenite Dyke	Grab
25804	600	635231	6821675	Syenite	Grab
25805	300	635501	6820873	Quartz Vein	Grab
25806	900	635495	6820580	Syenite Dyke	Grab
25807	1000	635562	6820612	Syenite Dyke	Grab
25808	400	636156	6821478	Greisen	Grab
25809	250	636157	6821480	Syenite	Grab
25810	300	635930	6821697	Syenite	Grab
25811	400	636156	6821478	Anorthosite	Grab
25825	1500	637358	6821078	Skarn	Grab
25826	500	637357	6821078	Skarn	Grab
25827	6000	637355	6821086	Skarn	Grab
25828	700	637355	6821084	Skarn	Grab
25829	300	637350	6821093	Calcite Vein	Grab
25830	200	637259	6821174	Siltstone	Grab
25831	9000	637391	6821018	Skarn	Grab
25832	300	637638	6821026	Skarn	Grab
25888		637358	6820065	Aplite Dyke	Grab
25889	9999	637356	6820080	Aplite Dyke	Grab
25890	8700	637356	6820080	Aplite Dyke	Grab

<b>Sample</b>	<b>CPS</b>	<b>Easting</b>	<b>Northing</b>	<b>Lithology</b>	<b>Type</b>
25891		637314	6820117	Aplite Dyke	Grab
333101	1000	637580	6821187	Skarn	Grab
333102	2500	637594	6821138	Shale ??	Grab
333103	2500	637582	6821098	Qz Aplite Dyke	Grab
333104	9100	637577	6821035	Amphibolite Dyke	Grab
333105	4000	637577	6821035	Skarn	Grab
333106	9999	637605	6821025	Skarn	Grab
333107	1600	637515	6820885	Skarn	Grab
333108	1500	637537	6820894	Skarn	Grab
333109	100	637592	6820776	Carbonate	Grab
333110	1600	637602	6820746	Skarn	Grab
333111	7000	637561	6820646	Skarn	Grab
333112	150	637613	6820694	Skarn	Grab
333113	1500	637579	6820514	Aplite Dyke	Grab
333114	2500	637590	6820515	Aplite Dyke	Grab
333115	3000	637652	6820395	Qz Aplite Dyke	Grab
333116	3000	637507	6820458	Carbonate	Grab
333117	4000	637497	6820453	Qz Aplite Dyke	Grab
333118	3500	637397	6820654	Skarn	Grab
333119	280	637259	6820946	Hble Syenite	Grab
333120	1200	635427	6820409	Hble Syenite	Grab
333121	1600	635341	6820411	Syenite	Grab
333122	500	635236	6820468	Syenite	Grab
334002		637391	6821018	Skarn	Grab
334003	3000	637356	6820081	Dyke	Grab
334004	3000	637356	6820081	Qz Aplite Dyke	Grab
334006		637895	6820058	Felsic Volcanic	Grab
334007		637898	6820006	Felsic Volcanic	Grab
334008	2000	637534	6819722	Dyke	Grab
334009	5000	637534	6819726	Qz Aplite Dyke 2	Grab
334010	2000	637530	6819736	Qz Aplite Dyke	Grab
334011	5500	637530	6819736	Qz Aplite Dyke	Grab
334012	6000	637528	6819743	Qz Aplite Dyke 2	Grab
334013	6000	637528	6819742	Qz Aplite Dyke	Grab
334014	9000	637529	6819760	Qz Aplite Dyke	Grab
334015	1400	633051	6821705	Hble Syenite	Grab
334016		637529	6819705	Qz Aplite Dyke	Grab
334017		637528	6819705	Qz Aplite Dyke	Grab
334018		637529	6819705	Qz Aplite Dyke 2	Grab
334019		637531	6819720	Qz Aplite Dyke	Grab
334101		636023	6818890	Dyke	Grab
334102		635256	6825040	Dolomite	Grab
334103		635079	6824879	Shale	Grab
334104		634983	6824848	Carbonate	Grab
334105		634949	6824810	Carbonate	Grab
334106		634912	6824737	Carbonate	Grab
334107		634920	6824725	Carbonate	Grab
334108		634804	6824675	Shale	Grab
334109		634774	6824659	Shale	Grab
334110		634625	6824594	Dyke	Grab
334111		634558	6824582	Shale	Grab
334112		634310	6824556	Shale	Grab
334113		634183	6824568	Carbonate	Grab
334114		634174	6824568	Carbonate	Grab
334125		633469	6820793	Felsic Volcanic	Grab
334126		633469	6820822	Felsic Volcanic	Grab
334127		633422	6820913	Felsic Volcanic	Grab
334128		633425	6820945	Felsic Volcanic	Grab

Sample	CPS	Easting	Northing	Lithology	Type
334129		633441	6820969	Felsic Volcanic	Grab
334130		633422	6821047	Felsic Volcanic	Grab
334131		633406	6821103	Felsic Volcanic	Grab
334132		633379	6821210	Syenite	Grab
334133		633247	6821444	Syenite	Grab
334134		633151	6821565	Syenite	Grab
334135	1100	633051	6821705	Hble Syenite	Grab
334136		632982	6821998	Syenite	Grab
334137		633132	6822246	Syenite	Grab
334138	1500	637932	6820305	Qz Aplite Dyke	Grab
334139	3600	637922	6820112	Dyke	Grab
334140	5100	637895	6820058	Qz Aplite Dyke	Grab
334141	300	637895	6820058	Felsic Volcanic	Grab
334142	1800	637416	6820420	Dyke	Grab
334143	400	637167	6820405	Dyke	Grab
334144	2600	636972	6819114	Intermediate Volcanic	Grab
334145	7700	636866	6819148	Intermediate Volcanic	Grab
334146	8500	636866	6819148	Intermediate Volcanic	Grab
334147	600	636866	6819148	Intermediate Volcanic	Grab
334148	100	628288	6828750	Siltstone	Grab
334149	150	628252	6828769	Shale	Grab
334150	200	628238	6828801	Quartzite	Grab
334151	200	628238	6828801	Carbonate	Grab
334152	150	628238	6828801	Calcite Vein	Grab
334153	100	628221	6828790	Siltstone	Grab
334154	150	628221	6828807	Siltstone	Grab
334155	400	628159	6828844	Black Shale	Grab
334156	400	628159	6828844	Siltstone	Grab
334157	1300	628097	6828867	Dyke	Grab
334158	1200	637678	6820355	Skarn	Grab
334159	2000	637682	6820362	Skarn	Grab
334160	500	637679	6820363	Syenite Dyke	Grab
334161	2500	637668	6820385	Dyke	Grab
334162	400	635862	6820889	Hble Syenite	Grab
334163	400	635883	6820639	Syenite	Grab
334164	1000	635828	6820551	Syenite	Grab
334165	400	635841	6820461	Dyke	Grab
334166	350	635822	6820413	Mafic Volcanic	Grab
334167	400	635864	6820250	Felsic Volcanic	Grab
334168	1000	635861	6820183	Felsic Volcanic	Grab
334169		637345	6820085	Dyke	Grab
334201	900	637635	6819284	Felsic Volcanic	Grab
334202	1600	637610	6819385	Felsic Volcanic	Grab
334203	1000	637609	6819427	Felsic Volcanic	Grab
334204	1200	637610	6819451	Syenite	Grab
334205	1300	637603	6819468	Dyke	Grab
334206	1500	637586	6819514	Felsic Volcanic	Grab
334207	2200	637564	6819563	Felsic Volcanic	Grab
334208	3200	637574	6819636	Dyke	Grab
334209	8800	637574	6819636	Qz Aplite Dyke	Grab
334210	1600	637600	6819640	Felsic Volcanic	Grab
334211	9200	637607	6819630	Pegmatite	Grab
334212	2000	636815	6818989	Felsic Volcanic	Grab
334213	5000	636833	6818995	Mafic Volcanic	Grab
334214	6500	636822	6819019	Felsic Volcanic	Grab
334215	6100	636778	6819025	Intermediate Volcanic	Grab
334216	2000	636871	6819031	Intermediate Volcanic	Grab
334217	8300	636868	6819065	Mafic Volcanic	Grab

<b>Sample</b>	<b>CPS</b>	<b>Easting</b>	<b>Northing</b>	<b>Lithology</b>	<b>Type</b>
334218	3000	636859	6819046	Felsic Volcanic	Grab
334219	2500	636657	6819025	Felsic Volcanic	Grab
334220	2000	636853	6819096	Felsic Volcanic	Grab
334221	3500	636865	6819074	Felsic Volcanic	Grab
334222	9999	636886	6819077	Qz Aplite Dyke 2	Grab
334223	5500	636873	6819092	Felsic Volcanic	Grab
334224	3500	636867	6819092	Felsic Volcanic	Grab
334225	5500	636868	6819102	Intermediate Volcanic	Grab
334226	3000	637659	6820410	Qz Aplite Dyke 2	Grab
334227	5100	637659	6820476	Qz Aplite Dyke 2	Grab
334228	6300	637659	6820510	Dyke	Grab
334229	5000	637659	6820520	Qz Aplite Dyke	Grab
334230		637895	6820058	Qz Aplite Dyke	Grab
334231		632253	6821379	Syenite	Grab
334232		632253	6821379	Syenite Dyke 2	Grab



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Saskatoon SK S7L 6H8 Canada

Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: July 05, 2010  
Report Date: November 01, 2010  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000056.2

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-003  
P.O. Number  
Number of Samples: 24

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

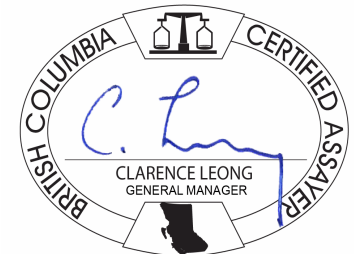
CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	24	Crush, split and pulverize 250 g rock to 200 mesh			WHI
Group 1T	24	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
4B03	7	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed	VAN

### ADDITIONAL COMMENTS

Version 2: 4B03 analysis included



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI1000056.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
025702	Rock	0.26	7.69	19.47	8.57	104.9	<20	1.0	3.3	2624	5.45	1.9	1.1	<0.1	7.3	65	0.25	0.98	0.18	2	0.81
025703	Rock	0.83	0.11	1.39	7.52	80.6	258	4.1	3.9	1002	1.80	5.6	2.4	<0.1	6.6	13	0.57	1.99	2.90	6	14.40
025704	Rock	0.76	0.12	1.05	15.59	160.8	<20	3.3	5.3	1136	4.57	1.7	322.6	<0.1	741.9	26	1.53	3.51	0.22	52	15.57
025705	Rock	0.35	0.08	0.51	12.54	215.5	<20	3.4	6.8	1414	5.51	9.4	28.9	*	85.6	10	1.06	2.56	0.44	4	4.13
025706	Rock	0.55	0.06	7.07	9.35	126.6	<20	2.2	8.3	725	2.70	11.6	138.4	<0.1	371.5	18	1.18	2.17	2.33	9	11.04
025707	Rock	0.58	0.08	7.07	8.27	104.1	<20	6.5	9.6	1188	6.46	11.0	174.5	*	275.2	12	1.19	4.51	2.21	4	1.32
025708	Rock	0.62	0.40	328.4	58.63	97.0	1489	14.5	11.3	527	16.61	66.5	14.9	<0.1	74.8	38	0.15	6.80	9.91	13	6.15
025709	Rock	0.61	0.06	1.85	14.20	3813	123	9.7	12.9	1831	5.22	8.9	0.8	<0.1	6.6	122	3.15	1.36	0.52	64	6.57
025710	Rock	0.49	0.23	6.47	9.90	52.7	<20	1.2	6.5	1499	4.15	2.8	137.0	<0.1	443.5	14	0.61	1.54	2.92	7	11.70
025711	Rock	0.35	0.10	1.57	9.38	51.2	<20	2.0	2.7	947	1.82	2.4	141.4	<0.1	380.9	22	0.75	2.76	0.72	20	15.86
025712	Rock	0.56	0.06	1.29	9.72	90.6	<20	5.5	7.1	1669	5.17	3.3	76.3	<0.1	264.1	13	0.85	2.06	10.19	7	8.38
025812	Rock	0.80	1.33	2.02	17.34	36.8	<20	1.2	1.8	493	2.16	14.2	4.5	<0.1	23.9	745	0.25	4.32	0.19	<1	3.93
025813	Rock	0.77	1.63	2.26	22.93	55.2	<20	1.6	1.6	548	2.16	3.8	2.8	<0.1	33.9	313	0.35	1.40	0.11	2	1.44
025814	Rock	0.79	1.81	2.75	10.16	45.4	<20	1.3	1.8	457	2.43	8.0	3.5	<0.1	26.0	462	0.37	2.59	0.15	<1	2.23
025815	Rock	0.85	2.96	7.24	3.58	40.7	<20	1.3	2.8	325	2.74	2.5	4.9	<0.1	29.8	268	0.21	1.04	0.15	<1	2.22
025816	Rock	0.91	2.84	1.53	3.45	31.5	<20	0.7	1.3	345	2.54	1.6	4.3	<0.1	29.0	177	0.14	1.20	0.07	<1	1.40
025817	Rock	0.91	3.51	7.28	4.47	30.3	<20	1.0	2.2	274	2.48	5.4	4.1	<0.1	28.8	198	0.20	1.84	0.20	<1	0.96
025818	Rock	1.09	3.27	4.66	6.72	36.6	<20	1.8	2.4	534	2.73	4.3	4.4	<0.1	27.8	228	0.20	1.66	0.11	<1	1.21
025819	Rock	0.78	0.97	2.34	6.14	31.8	<20	0.8	2.7	376	2.22	9.2	2.4	<0.1	18.5	515	0.20	1.58	0.14	<1	3.48
025820	Rock	1.07	0.44	1.34	11.48	47.1	<20	1.4	3.9	989	3.22	5.9	2.5	<0.1	29.5	637	0.21	3.30	0.23	1	5.97
025821	Rock	1.10	0.61	2.69	7.56	49.3	<20	1.1	2.6	722	2.94	13.6	1.7	<0.1	21.7	662	0.25	2.13	0.07	<1	5.25
025822	Rock	1.28	3.87	2.67	13.48	65.2	<20	1.4	2.7	1069	3.25	9.5	14.1	<0.1	33.8	442	0.35	2.18	0.20	<1	4.06
025823	Rock	1.75	0.27	1.73	5.09	28.9	<20	1.1	5.6	2311	5.82	3.0	2.0	<0.1	17.8	272	0.27	2.33	0.04	<1	15.74
025824	Rock	1.20	2.24	1.32	5.46	30.4	<20	1.3	1.9	350	2.42	5.4	1.3	<0.1	17.3	407	0.10	2.05	0.07	1	2.67



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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

WHI1000056.2

Method	Analyte	Unit	MDL	1T P	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
025702	Rock			0.060	74.7	2	0.53	1091	0.393	8.10	3.548	5.33	11.2	45.8	6.5	2	1.7	<0.04	26.3	164.8	16.5	68.0	10.6
025703	Rock			0.004	5.9	3	14.22	296	0.020	0.40	0.013	0.05	0.3	41.3	3.9	14	0.5	<0.04	13.0	15.06	2.2	10.8	2.4
025704	Rock			0.003	42.9	23	9.20	222	0.253	2.33	0.170	0.33	0.5	>2000	27.5	25	5.2	<0.04	67.8	137.0	16.6	76.1	13.6
025705	Rock			0.011	31.9	2	20.14	699	0.057	1.19	0.024	0.17	2.3	655.4	5.0	8	1.2	<0.04	70.1	77.82	12.0	63.0	14.1
025706	Rock			0.013	59.1	3	14.18	2444	0.084	1.14	0.031	0.46	2.2	1063	6.5	38	0.7	0.06	82.0	208.0	26.2	118.8	20.0
025707	Rock			0.019	38.9	2	22.35	716	0.059	0.76	0.021	0.17	2.4	1513	3.8	4	1.3	<0.04	70.2	149.9	19.0	86.7	14.8
025708	Rock			3.284	163.2	5	11.50	530	0.026	3.75	0.006	0.17	9.1	75.1	3.2	1	0.5	0.23	46.1	283.2	27.3	106.9	14.0
025709	Rock			<0.001	12.3	17	11.88	4002	0.196	9.01	0.023	1.65	0.6	136.1	20.5	4	1.3	0.09	16.6	32.22	4.4	19.6	3.5
025710	Rock			0.022	905.9	1	13.38	1354	0.134	1.31	0.032	0.35	0.8	977.2	10.7	56	0.5	0.06	273.2	1537	137.9	479.2	65.0
025711	Rock			0.022	38.6	2	12.34	2076	0.124	1.36	0.022	0.45	3.0	1156	10.1	66	0.6	<0.04	92.0	152.2	22.9	113.4	21.0
025712	Rock			0.016	26.5	2	16.94	1639	0.069	1.00	0.013	0.26	1.6	866.3	3.9	17	0.9	<0.04	55.8	111.6	17.3	87.2	16.9
025812	Rock			0.016	91.7	2	0.21	1938	0.098	9.75	5.297	2.03	0.9	52.8	9.7	6	0.5	<0.04	42.1	175.2	17.5	67.8	10.6
025813	Rock			0.015	96.1	<1	0.38	2416	0.099	10.48	4.912	3.35	2.0	30.6	6.0	11	0.4	<0.04	36.2	158.0	14.1	50.5	7.5
025814	Rock			0.018	85.6	2	0.47	1136	0.104	10.68	4.836	2.62	1.6	32.0	6.5	9	0.6	<0.04	45.3	157.2	14.4	52.8	8.8
025815	Rock			0.016	106.0	<1	0.81	906	0.097	10.72	4.902	3.17	4.2	32.8	5.0	10	0.5	<0.04	54.5	184.9	17.4	62.1	10.5
025816	Rock			0.013	85.8	1	0.84	963	0.084	10.58	4.708	4.02	3.5	33.9	5.5	8	0.3	<0.04	47.6	158.2	14.4	54.1	9.0
025817	Rock			0.015	115.2	<1	0.76	1151	0.099	10.49	4.075	4.52	2.4	47.4	5.6	7	0.5	<0.04	38.2	201.5	17.5	62.5	9.1
025818	Rock			0.024	100.8	1	0.33	2030	0.124	10.44	4.310	4.54	6.0	61.5	6.4	6	0.8	<0.04	31.9	183.5	17.8	68.7	10.4
025819	Rock			0.029	56.0	2	0.26	1378	0.108	10.59	5.166	2.48	1.8	40.4	4.2	6	0.5	<0.04	23.3	109.9	11.2	42.7	6.5
025820	Rock			0.013	430.1	3	0.24	1683	0.112	9.52	4.361	1.85	1.0	32.4	6.4	6	0.7	<0.04	57.8	631.2	45.5	138.8	15.4
025821	Rock			0.023	21.0	1	0.18	2668	0.138	9.40	4.500	2.44	0.4	35.5	5.3	7	0.7	<0.04	27.5	45.97	6.1	26.2	5.0
025822	Rock			0.023	42.3	2	0.20	1173	0.130	9.39	5.615	1.49	2.4	41.7	8.5	12	0.6	<0.04	44.7	90.45	9.9	39.1	7.7
025823	Rock			0.003	39.0	1	0.83	501	0.125	9.63	1.746	1.18	1.0	223.4	8.4	3	1.0	<0.04	112.6	60.23	6.6	35.4	14.0
025824	Rock			0.009	45.8	1	0.96	656	0.122	10.70	4.642	2.39	1.6	30.8	3.8	7	0.5	<0.04	22.5	70.84	7.2	25.6	4.5





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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 2 Part 3

CERTIFICATE OF ANALYSIS

WHI1000056.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
025702	Rock	1.2	8.1	1.0	6.5	1.1	2.6	0.3	1.9	0.3	1.35	10.7	201.5	6.8	131.0	5.0	30.42	N.A.	N.A.	N.A.	N.A.
025703	Rock	0.2	2.2	0.3	2.0	0.3	0.9	0.1	1.1	0.1	1.47	3.4	3.9	0.8	30.72	0.2	1.38	N.A.	N.A.	N.A.	N.A.
025704	Rock	1.9	12.6	1.7	12.4	2.2	5.9	0.7	5.2	0.7	55.23	28.3	24.6	14.6	518.0	0.8	12.33	212	23	3.9	0.6
025705	Rock	1.5	14.2	2.2	15.2	2.8	7.7	1.0	6.5	0.7	13.17	2.9	13.6	34.8	508.9	0.3	7.07	686	7	5.6	0.3
025706	Rock	1.7	16.5	2.3	15.1	2.7	6.6	0.9	6.7	0.8	19.91	6.0	35.0	28.5	656.7	0.5	5.38	2157	32	5.2	0.4
025707	Rock	2.0	12.7	1.7	12.2	2.3	6.4	0.9	8.2	1.2	24.99	1.5	13.2	39.6	915.0	0.2	2.82	697	3	7.9	0.2
025708	Rock	1.3	11.9	1.4	7.6	1.3	3.5	0.4	3.5	0.4	1.47	1.2	16.1	1.2	56.60	0.2	22.29	N.A.	N.A.	N.A.	N.A.
025709	Rock	<0.1	3.8	0.5	3.0	0.5	1.3	0.1	1.0	0.1	1.87	185.9	74.2	3.0	15.89	1.0	36.43	N.A.	N.A.	N.A.	N.A.
025710	Rock	5.8	51.2	7.8	48.6	8.7	21.8	2.7	17.2	2.1	17.89	4.4	27.0	8.9	491.7	0.6	11.06	1206	51	4.9	0.6
025711	Rock	1.6	18.9	2.8	17.4	3.1	7.6	1.0	7.3	0.9	22.32	8.6	39.9	37.5	870.4	0.6	7.02	1790	51	2.7	0.5
025712	Rock	1.6	14.6	2.2	13.3	2.3	5.8	0.7	5.0	0.6	15.84	2.8	19.8	21.8	597.9	0.3	3.36	1378	14	5.3	0.2
025812	Rock	0.9	9.4	1.3	8.7	1.7	4.4	0.6	4.1	0.5	1.73	3.9	47.8	15.2	277.2	0.6	39.43	N.A.	N.A.	N.A.	N.A.
025813	Rock	0.3	6.6	1.0	7.1	1.4	3.8	0.5	3.3	0.4	0.98	11.0	106.3	14.0	313.9	2.1	42.23	N.A.	N.A.	N.A.	N.A.
025814	Rock	0.7	7.8	1.4	8.9	1.8	4.8	0.6	4.4	0.5	1.12	13.5	75.2	15.0	316.3	1.7	40.53	N.A.	N.A.	N.A.	N.A.
025815	Rock	0.9	10.3	1.6	10.8	2.2	5.5	0.7	4.8	0.6	1.04	14.6	77.9	17.5	331.8	1.9	41.97	N.A.	N.A.	N.A.	N.A.
025816	Rock	0.7	8.3	1.4	10.1	2.1	5.2	0.6	4.3	0.5	1.08	16.3	103.2	16.3	317.7	2.0	41.43	N.A.	N.A.	N.A.	N.A.
025817	Rock	0.5	7.1	1.2	7.9	1.4	3.8	0.5	3.1	0.4	1.41	14.5	86.2	15.2	326.3	1.8	41.54	N.A.	N.A.	N.A.	N.A.
025818	Rock	0.5	9.0	1.2	7.3	1.3	3.4	0.4	2.8	0.3	1.74	17.2	157.0	13.3	282.8	1.4	43.82	N.A.	N.A.	N.A.	N.A.
025819	Rock	0.3	5.4	0.8	4.8	0.9	2.3	0.3	2.3	0.3	1.31	9.8	59.3	11.7	290.1	1.0	36.01	N.A.	N.A.	N.A.	N.A.
025820	Rock	1.0	10.8	1.5	10.0	2.0	5.3	0.7	5.6	0.8	1.47	6.0	53.3	13.6	306.5	1.5	38.25	N.A.	N.A.	N.A.	N.A.
025821	Rock	<0.1	5.1	0.7	4.9	1.0	2.7	0.4	2.9	0.5	1.58	4.5	42.4	13.4	346.5	0.7	37.67	N.A.	N.A.	N.A.	N.A.
025822	Rock	0.4	7.9	1.2	8.2	1.6	4.5	0.6	4.7	0.6	1.71	5.1	40.5	32.8	630.9	2.4	41.42	N.A.	N.A.	N.A.	N.A.
025823	Rock	3.2	18.1	2.8	20.5	4.3	13.1	1.8	13.6	1.7	6.26	3.8	28.5	12.8	299.6	0.6	35.91	N.A.	N.A.	N.A.	N.A.
025824	Rock	0.4	4.2	0.7	4.3	0.9	2.3	0.3	2.1	0.3	1.16	12.0	77.8	13.1	300.1	2.4	39.04	N.A.	N.A.	N.A.	N.A.



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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 2 Part 4

CERTIFICATE OF ANALYSIS

WHI1000056.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		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	0.05	0.02	0.05	
025702	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
025703	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
025704	Rock	11.0	75.8	1272	24.4	27	28.4	75.9	651.6	293.3	53	2.9	4056	78.2	43.0	127.1	16.10	71.4	12.64	1.98	10.89
025705	Rock	5.6	53.8	430.3	13.0	5	10.3	32.0	82.4	30.1	<8	2.7	2208	93.6	29.3	76.8	11.28	56.9	13.01	1.56	12.06
025706	Rock	4.9	52.0	666.4	33.0	6	18.6	36.7	316.5	124.6	10	2.4	2529	101.6	54.7	177.3	23.29	101.7	17.76	1.94	14.06
025707	Rock	2.4	38.2	767.8	12.1	4	11.8	37.0	232.0	156.2	<8	2.4	1807	79.3	36.7	133.6	18.01	79.3	13.96	2.04	11.09
025708	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025709	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025710	Rock	9.7	80.8	1814	27.0	11	15.3	64.1	393.3	130.0	10	4.3	4035	295.1	601.9	1215	114.1	426.1	58.01	5.53	44.70
025711	Rock	6.2	68.2	815.5	34.5	9	21.0	45.0	319.0	128.9	21	2.9	3390	116.1	37.0	140.6	21.69	104.5	20.15	2.17	16.65
025712	Rock	3.1	37.4	592.1	18.7	4	13.2	25.8	234.6	69.1	9	1.8	1815	71.2	25.0	100.6	15.90	77.6	15.24	1.89	12.12
025812	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025813	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025814	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025815	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025816	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025817	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025818	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025819	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025820	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025821	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025822	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025823	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025824	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 2 Part 5

CERTIFICATE OF ANALYSIS

WHI1000056.2

Method		4B	4B	4B	4B	4B	4B	4B
Analyte		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
025702	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025703	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025704	Rock	1.88	10.31	1.99	5.85	0.94	5.92	0.84
025705	Rock	2.39	13.76	2.86	9.34	1.69	10.90	1.67
025706	Rock	2.46	13.68	2.52	7.73	1.34	8.79	1.32
025707	Rock	2.01	11.23	2.18	6.79	1.25	8.83	1.40
025708	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025709	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025710	Rock	7.93	41.64	7.78	22.47	3.48	20.72	2.67
025711	Rock	3.00	16.27	3.15	9.35	1.61	10.43	1.52
025712	Rock	2.18	11.41	2.11	6.46	1.09	7.40	1.07
025812	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025813	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025814	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025815	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025816	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025817	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025818	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025819	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025820	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025821	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025822	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025823	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
025824	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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Project: True Blue  
 Report Date: November 01, 2010

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI10000056.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
Pulp Duplicates																					
025704	Rock	0.76	0.12	1.05	15.59	160.8	<20	3.3	5.3	1136	4.57	1.7	322.6	<0.1	741.9	26	1.53	3.51	0.22	52	15.57
REP 025704	QC																				
025707	Rock	0.58	0.08	7.07	8.27	104.1	<20	6.5	9.6	1188	6.46	11.0	174.5	*	275.2	12	1.19	4.51	2.21	4	1.32
REP 025707	QC		0.08	6.42	8.31	100.8	<20	6.2	9.5	1209	6.52	12.8	171.3	*	268.3	11	1.14	4.29	2.23	4	1.34
Reference Materials																					
STD OREAS24P	Standard		1.54	48.18	2.84	126.6	22	153.8	49.4	1171	7.83	0.5	0.7	<0.1	2.9	400	0.10	0.09	<0.04	165	6.08
STD OREAS45P	Standard		2.33	766.9	23.55	143.8	294	411.3	130.4	1392	20.16	10.8	2.2	<0.1	10.5	31	0.13	0.80	0.23	286	0.31
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected			1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45P Expected			2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3
STD SO-18 Expected																					
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.25	4.13	19.94	51.1	<20	3.5	5.4	768	2.50	1.9	3.0	<0.1	9.8	711	0.09	0.25	0.12	53	2.54
G1	Prep Blank		0.57	3.46	32.55	49.8	306	4.7	5.5	790	2.50	7.9	3.3	<0.1	10.7	733	0.10	5.22	0.16	55	2.52



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Project: True Blue  
 Report Date: November 01, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI10000056.2

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
Unit		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
Pulp Duplicates																					
025704	Rock	0.003	42.9	23	9.20	222	0.253	2.33	0.170	0.33	0.5	>2000	27.5	25	5.2	<0.04	67.8	137.0	16.6	76.1	13.6
REP 025704	QC																				
025707	Rock	0.019	38.9	2	22.35	716	0.059	0.76	0.021	0.17	2.4	1513	3.8	4	1.3	<0.04	70.2	149.9	19.0	86.7	14.8
REP 025707	QC	0.018	39.5	2	22.48	722	0.061	0.76	0.017	0.17	2.6	1555	3.7	4	1.4	<0.04	68.7	152.9	19.6	87.3	15.1
Reference Materials																					
STD OREAS24P	Standard	0.140	17.3	227	4.19	274	1.085	8.22	2.455	0.69	0.4	143.4	1.5	1	20.8	<0.04	20.7	36.22	4.4	21.2	4.7
STD OREAS45P	Standard	0.047	23.8	1155	0.18	302	1.077	7.34	0.086	0.36	1.1	158.7	2.2	<1	67.4	<0.04	12.5	47.27	5.5	22.6	4.3
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7
STD OREAS45P Expected		0.047	24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5		67.1	0.03	13	48.9	6	23.2	4.24
STD SO-18 Expected																					
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.11	<0.1	<0.1	<0.1
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.078	30.5	5	0.67	1099	0.228	7.94	2.905	2.98	0.2	10.8	1.4	3	5.6	<0.04	14.7	62.26	6.9	28.9	4.4
G1	Prep Blank	0.087	31.4	8	0.66	1026	0.235	8.12	2.963	3.11	0.2	10.6	1.6	3	5.6	<0.04	15.8	61.59	6.7	29.3	4.4



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Project: True Blue  
 Report Date: November 01, 2010

Page: 1 of 1 Part 3

QUALITY CONTROL REPORT

WHI10000056.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
Unit		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
MDL		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Pulp Duplicates		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
025704	Rock	1.9	12.6	1.7	12.4	2.2	5.9	0.7	5.2	0.7	55.23	28.3	24.6	14.6	518.0	0.8	12.33	212	23	3.9	0.6
REP 025704	QC																210	22	4.1	0.7	
025707	Rock	2.0	12.7	1.7	12.2	2.3	6.4	0.9	8.2	1.2	24.99	1.5	13.2	39.6	915.0	0.2	2.82	697	3	7.9	0.2
REP 025707	QC	2.1	12.9	1.9	12.8	2.3	6.4	1.0	8.6	1.2	25.55	1.6	13.1	38.7	882.7	0.2	2.53				
Reference Materials																					
STD OREAS24P	Standard	1.5	5.5	0.7	4.6	0.8	2.0	0.2	1.7	0.2	3.74	8.4	20.6	1.2	20.93	0.9	21.18				
STD OREAS45P	Standard	1.0	3.9	0.6	3.4	0.6	1.4	0.2	1.5	0.2	4.32	13.0	23.0	1.2	20.98	2.3	24.71				
STD SO-18	Standard																	488	1	25.1	6.8
STD SO-18	Standard																	479	<1	26.4	6.7
STD OREAS24P Expected		1.6	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43				
STD OREAS45P Expected		1.1	3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5				
STD SO-18 Expected																		514	1	26.2	7.1
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02				
BLK	Blank																	<1	<1	<0.2	<0.1
Prep Wash																					
G1	Prep Blank	0.8	3.3	0.4	2.6	0.5	1.5	0.2	1.6	0.2	0.63	37.9	120.7	1.5	25.07	5.0	19.26	1050	3	4.6	4.6
G1	Prep Blank	0.9	3.9	0.5	2.8	0.5	1.5	0.2	1.7	0.3	0.55	36.7	125.8	1.7	27.83	5.2	19.85	N.A.	N.A.	N.A.	N.A.



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Page: 1 of 1 Part 4

# QUALITY CONTROL REPORT

WHI10000056.2

Method		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
Analyte		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		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	0.02	0.05
Pulp Duplicates																					
025704	Rock	11.0	75.8	1272	24.4	27	28.4	75.9	651.6	293.3	53	2.9	4056	78.2	43.0	127.1	16.10	71.4	12.64	1.98	10.89
REP 025704	QC	11.0	75.2	1245	24.4	27	27.1	75.2	585.6	288.7	51	3.0	4057	77.3	42.9	126.9	16.02	68.7	12.33	1.94	10.43
025707	Rock	2.4	38.2	767.8	12.1	4	11.8	37.0	232.0	156.2	<8	2.4	1807	79.3	36.7	133.6	18.01	79.3	13.96	2.04	11.09
REP 025707	QC																				
Reference Materials																					
STD OREAS24P	Standard																				
STD OREAS45P	Standard																				
STD SO-18	Standard	16.9	9.6	26.7	27.1	14	396.5	7.2	10.1	15.6	184	14.6	294.1	31.5	11.7	25.6	3.25	14.1	2.78	0.82	2.75
STD SO-18	Standard	16.7	9.5	22.5	26.6	13	384.4	7.5	9.6	15.4	179	14.4	283.9	30.9	11.0	24.6	3.18	14.2	2.75	0.80	2.80
STD OREAS24P Expected																					
STD OREAS45P Expected																					
STD SO-18 Expected		17.6	9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93
BLK	Blank																				
BLK	Blank	<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	<0.02	<0.05
Prep Wash																					
G1	Prep Blank	17.9	4.7	33.9	123.8	1	713.3	2.4	10.0	3.5	45	<0.5	158.3	17.1	31.6	63.2	6.82	26.3	4.22	1.07	3.20
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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Project: True Blue

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Page: 1 of 1 Part 5

## QUALITY CONTROL REPORT

WHI1000056.2

Method		4B	4B	4B	4B	4B	4B	4B
Analyte		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
Pulp Duplicates								
025704	Rock	1.88	10.31	1.99	5.85	0.94	5.92	0.84
REP 025704	QC	1.83	10.05	1.94	5.87	0.93	5.81	0.83
025707	Rock	2.01	11.23	2.18	6.79	1.25	8.83	1.40
REP 025707	QC							
Reference Materials								
STD OREAS24P	Standard							
STD OREAS45P	Standard							
STD SO-18	Standard	0.51	2.76	0.58	1.74	0.27	1.67	0.25
STD SO-18	Standard	0.49	2.74	0.57	1.68	0.26	1.68	0.25
STD OREAS24P Expected								
STD OREAS45P Expected								
STD SO-18 Expected		0.53	3	0.62	1.84	0.27	1.79	0.27
BLK	Blank							
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
Prep Wash								
G1	Prep Blank	0.53	2.66	0.55	1.57	0.27	1.77	0.29
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.





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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: July 05, 2010  
Report Date: August 03, 2010  
Page: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI10000057.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-004  
P.O. Number  
Number of Samples: 40

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	40	Crush, split and pulverize 250 g rock to 200 mesh			WHI
Group 1T	40	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

### SAMPLE DISPOSAL

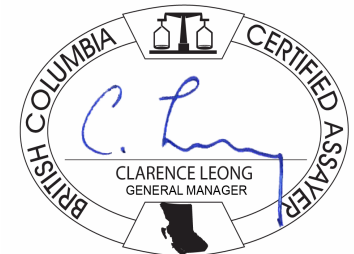
DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT Dispose of Reject After 90 days

### ADDITIONAL COMMENTS

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: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.  
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.  
\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
 Report Date: August 03, 2010

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

WHI1000057.1

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
025801	Rock	0.86	1.44	14.82	7.10	129.9	<20	2.8	13.8	1521	8.20	3.8	1.6	<0.1	6.5	637	0.63	1.61	0.10	135	4.88
025802	Rock	0.97	1.96	3.42	4.51	8.0	<20	2.4	2.7	561	1.15	4.0	12.1	<0.1	152.1	50	0.21	0.53	0.06	<1	0.32
025803	Rock	0.72	2.76	2.86	3.17	43.3	<20	1.0	2.3	940	4.44	1.0	3.1	<0.1	22.9	193	0.21	0.82	0.07	7	1.79
025804	Rock	0.67	0.43	26.21	3.96	21.6	<20	3.1	2.1	263	1.46	7.4	1.3	<0.1	7.6	79	0.14	0.58	0.07	7	0.24
025805	Rock	1.60	0.65	0.97	3.79	9.9	<20	1.0	0.5	169	1.04	0.5	2.0	<0.1	41.5	37	0.10	0.23	<0.04	1	0.22
025806	Rock	1.03	7.41	11.23	9.73	21.6	<20	3.6	4.3	59	1.25	0.3	53.8	<0.1	436.7	24	0.56	2.42	0.11	<1	0.18
025807	Rock	1.20	0.30	134.8	9.16	114.5	<20	0.7	0.9	478	3.52	12.3	49.1	<0.1	300.0	47	1.23	1.51	0.11	<1	0.98
025809	Rock	1.12	1.29	1.32	20.15	53.0	<20	0.9	3.2	616	2.12	3.4	1.6	<0.1	25.4	704	0.28	2.86	0.07	<1	5.61
025810	Rock	0.30	0.52	1.51	5.04	14.5	<20	0.2	2.7	807	2.27	2.0	2.0	<0.1	49.9	824	0.17	2.28	0.07	<1	5.18
025811	Rock	0.41	0.18	8.23	6.07	42.9	<20	1.0	5.7	3154	8.41	3.1	10.0	<0.1	17.0	273	0.38	6.33	0.08	<1	18.59
025701	Rock	0.70	3.05	5.95	65.66	234.8	<20	0.4	1.8	1223	4.73	19.4	73.3	<0.1	72.6	100	1.52	1.74	0.32	<1	2.02
025751	Rock	1.10	30.49	1.65	2.87	9.7	<20	0.8	1.0	609	2.49	<0.2	19.5	<0.1	106.3	42	0.20	0.41	0.06	<1	0.93
025752	Rock	1.07	5.41	2.73	2.60	16.0	<20	1.2	1.8	1156	7.27	<0.2	14.3	<0.1	102.2	48	0.17	0.49	<0.04	<1	1.27
025753	Rock	0.41	10.43	3.10	5.76	27.3	<20	0.9	1.6	580	5.18	1.0	10.6	<0.1	170.8	71	0.13	1.11	0.17	<1	1.01
025754	Rock	1.24	2.56	1.37	4.72	13.4	<20	0.5	2.3	838	4.99	0.9	46.3	<0.1	128.9	31	0.39	0.71	0.07	<1	1.06
025756	Rock	1.67	0.71	1.48	4.31	24.0	<20	1.2	1.4	825	3.68	<0.2	31.3	<0.1	109.4	34	0.23	0.49	<0.04	<1	0.60
025757	Rock	2.26	3.95	1.43	5.30	31.6	<20	0.7	2.0	1063	4.72	<0.2	33.9	<0.1	176.5	38	0.16	0.51	<0.04	<1	0.66
025758	Rock	1.70	0.25	1.02	4.43	6.3	<20	0.5	0.5	268	2.18	0.7	9.5	<0.1	79.8	178	0.09	0.47	<0.04	4	2.45
025763	Rock	0.91	0.29	3.06	9.20	40.9	<20	2.1	1.5	403	2.86	0.9	49.3	<0.1	160.7	111	0.15	0.41	0.05	2	0.78
025764	Rock	1.31	90.39	9.12	19.88	91.7	<20	24.7	5.6	1186	8.50	3.6	14.9	<0.1	407.8	170	0.15	0.59	0.20	53	8.63
025765	Rock	0.97	5.19	6.65	0.75	121.0	<20	8.6	7.9	539	14.33	1.3	1.5	<0.1	6.6	50	0.08	0.41	0.97	227	1.59
025766	Rock	1.83	2.12	7.09	17.76	28.7	<20	1.2	2.2	194	1.33	1.1	93.4	<0.1	575.4	43	0.75	1.41	0.18	<1	0.64
025767	Rock	1.25	0.35	1.48	1.04	10.4	<20	4.9	0.8	113	1.14	<0.2	4.2	<0.1	35.0	63	0.11	0.59	<0.04	23	1.82
025768	Rock	0.98	1.91	0.74	3.79	59.7	<20	7.2	1.3	285	1.97	2.0	2.6	<0.1	36.6	144	0.82	0.59	<0.04	26	3.74
025769	Rock	0.83	0.32	2.01	1.53	15.0	<20	5.5	1.3	379	1.35	1.2	6.9	<0.1	37.9	102	0.16	0.68	<0.04	16	2.13
025770	Rock	0.94	0.32	1.64	10.56	19.9	<20	4.3	0.9	115	0.83	1.0	4.2	<0.1	30.5	244	0.16	0.65	0.05	22	1.87
025771	Rock	1.09	4.87	20.67	19.41	169.1	<20	15.5	2.3	258	2.79	20.2	7.9	<0.1	44.8	114	1.09	1.27	0.09	9	1.95
025772	Rock	0.93	2.45	2.92	100.8	186.0	<20	58.9	2.4	144	2.34	3.8	8.0	<0.1	29.1	133	0.49	1.01	0.32	26	1.42
025773	Rock	0.24	1.22	6.39	5.52	29.7	<20	0.6	1.8	180	2.74	0.5	4.6	<0.1	28.4	53	0.12	0.37	<0.04	<1	1.39
025774	Rock	1.69	0.91	0.91	0.15	4.0	<20	31.4	0.2	57	0.40	<0.2	0.8	<0.1	8.5	38	0.03	0.20	<0.04	295	0.53

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: August 03, 2010

Page: 2 of 3 Part 2

CERTIFICATE OF ANALYSIS

WHI10000057.1

Method	Analyte	Unit	MDL	1T P	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
025801	Rock			0.557	108.8	5	1.87	1707	1.941	8.45	3.740	1.67	1.8	95.4	3.9	2	11.8	0.10	61.0	209.0	23.7	92.4	14.8
025802	Rock			0.010	900.0	2	0.12	115	0.120	7.37	6.054	0.55	5.6	105.1	21.2	5	0.5	<0.04	115.0	1270	116.6	366.1	45.8
025803	Rock			0.096	64.9	4	0.82	1837	0.433	8.01	4.878	2.57	1.9	120.3	5.4	9	2.8	<0.04	95.5	158.2	21.3	93.0	18.0
025804	Rock			0.047	26.2	2	0.29	212	0.350	6.94	7.157	0.56	14.0	58.1	6.8	6	1.2	<0.04	16.9	59.06	6.6	25.3	4.4
025805	Rock			0.016	752.0	17	0.14	229	0.104	3.07	2.251	0.51	1.5	14.6	1.9	2	0.3	<0.04	26.5	1229	99.9	326.3	35.5
025806	Rock			0.103	1563	1	0.91	652	0.675	10.45	2.862	4.70	13.6	327.3	48.2	21	1.4	0.11	274.9	>2000	268.7	1021	133.2
025807	Rock			0.002	>2000	2	0.98	627	0.380	11.02	1.983	5.29	9.7	232.8	42.6	21	1.2	0.07	455.7	>2000	548.9	>2000	250.4
025809	Rock			0.030	9.6	2	0.21	827	0.163	9.63	5.292	1.30	0.8	42.0	4.0	7	0.4	<0.04	21.1	27.39	3.7	16.8	3.6
025810	Rock			0.005	46.5	6	0.09	575	0.117	9.28	5.400	0.94	0.5	33.0	7.4	12	<0.1	<0.04	34.8	95.67	10.0	35.3	5.9
025811	Rock			0.010	>2000	3	0.86	268	0.154	8.54	0.486	0.34	2.5	128.2	24.0	6	0.3	<0.04	648.0	>2000	408.1	1197	120.1
025701	Rock			0.005	197.3	6	0.22	180	0.066	8.94	6.596	0.48	2.6	69.3	44.6	19	0.2	<0.04	160.4	415.1	42.0	144.7	23.5
025751	Rock			0.005	215.4	3	0.09	70	0.120	7.75	6.305	0.37	3.2	119.7	23.5	6	0.7	<0.04	75.2	434.4	41.1	145.8	25.2
025752	Rock			0.011	227.6	10	0.17	116	0.145	6.77	5.152	0.52	1.8	207.5	24.9	20	0.3	<0.04	84.9	460.4	49.0	177.9	30.8
025753	Rock			0.022	577.4	3	0.34	395	0.184	6.78	4.138	1.18	3.4	25.4	7.7	13	0.2	<0.04	246.9	1265	122.5	470.5	74.7
025754	Rock			0.019	355.9	11	0.07	604	0.199	7.31	4.317	2.70	2.1	491.7	22.3	22	0.8	<0.04	156.4	718.4	61.1	203.5	30.1
025756	Rock			0.007	295.4	3	0.17	238	0.128	6.60	4.665	0.92	1.8	277.7	22.5	11	0.9	<0.04	139.5	596.4	55.9	191.3	29.9
025757	Rock			0.008	322.1	13	0.13	208	0.153	6.09	4.540	0.67	2.6	63.6	32.4	14	0.4	<0.04	173.3	675.7	61.6	209.5	32.0
025758	Rock			0.009	21.4	2	0.05	2455	0.157	6.02	1.025	5.47	0.9	38.3	21.5	3	0.3	<0.04	101.5	55.70	7.6	35.5	11.2
025763	Rock			0.008	296.7	8	0.32	3157	0.156	6.63	1.231	6.85	0.8	59.9	10.5	9	0.1	<0.04	150.0	699.2	64.7	224.7	32.0
025764	Rock			1.082	324.0	3	2.87	1371	0.225	6.16	0.663	5.33	3.4	111.0	4.4	9	3.2	<0.04	187.1	666.0	57.9	209.1	30.0
025765	Rock			0.350	65.5	5	2.55	1560	1.976	7.96	2.028	5.08	1.4	87.0	5.2	5	12.9	0.10	39.8	137.0	15.3	59.4	9.4
025766	Rock			0.015	1567	2	0.68	371	0.301	10.17	5.371	3.01	8.7	787.3	27.6	18	1.4	<0.04	500.0	>2000	255.9	978.6	140.0
025767	Rock			0.174	54.2	7	1.37	226	0.398	8.51	6.991	0.60	1.7	53.3	9.3	8	1.6	<0.04	107.7	192.1	27.2	113.4	20.1
025768	Rock			0.127	34.0	3	3.53	1353	0.334	8.67	3.542	3.51	2.1	21.0	7.3	8	1.3	<0.04	81.0	122.9	18.2	78.7	15.3
025769	Rock			0.022	89.4	2	1.44	919	0.079	8.90	6.112	1.53	1.5	27.3	5.1	7	<0.1	<0.04	82.9	184.9	21.9	91.5	17.1
025770	Rock			0.049	19.3	2	1.89	445	0.216	9.07	6.640	1.29	1.5	39.8	6.3	7	0.2	<0.04	68.7	75.50	12.5	58.5	12.0
025771	Rock			0.018	81.8	2	1.98	1432	0.132	8.74	3.901	2.66	3.0	26.9	6.8	7	0.4	<0.04	51.1	182.5	22.8	98.4	16.6
025772	Rock			0.032	43.6	3	2.46	580	0.148	8.23	4.817	2.29	2.2	35.7	6.0	7	0.3	<0.04	80.8	104.1	14.4	64.9	14.1
025773	Rock			0.033	207.0	2	1.96	486	0.114	8.01	5.396	1.46	4.2	39.7	7.7	5	0.6	<0.04	71.8	383.8	38.4	128.8	18.9
025774	Rock			0.101	2.8	31	0.82	126	0.114	6.26	4.636	0.68	2.5	29.4	0.6	2	7.8	<0.04	4.8	6.85	0.7	4.1	0.8

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Project: True Blue  
 Report Date: August 03, 2010

Page: 2 of 3 Part 3

# CERTIFICATE OF ANALYSIS

WHI1000057.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.04	0.1	0.02	
025801	Rock	3.7	14.0	2.0	11.8	2.2	5.7	0.7	4.7	0.6	2.67	32.3	93.5	4.6	93.71	3.3	25.49
025802	Rock	1.7	33.3	4.7	24.1	3.8	9.5	1.1	7.5	1.0	2.76	9.1	26.4	19.0	365.9	0.6	40.59
025803	Rock	1.8	18.9	3.1	19.1	3.5	9.5	1.1	7.8	1.1	3.01	9.4	79.0	10.8	253.1	3.1	32.75
025804	Rock	0.5	4.2	0.6	3.8	0.8	2.2	0.3	2.3	0.3	1.75	11.7	13.3	6.3	136.0	0.6	29.86
025805	Rock	3.4	9.4	1.3	5.8	0.8	2.4	0.3	2.1	0.2	0.30	7.3	24.8	1.4	51.13	0.4	13.50
025806	Rock	5.1	93.3	14.8	82.5	13.9	34.9	4.2	27.1	3.2	7.01	72.1	149.3	98.3	>2000	1.8	>100
025807	Rock	9.5	156.1	20.0	106.2	20.5	58.0	7.6	45.8	4.6	5.28	56.9	177.9	92.2	1694	2.3	>100
025809	Rock	0.4	3.7	0.7	4.2	0.8	2.4	0.3	2.5	0.4	1.56	3.7	23.9	12.1	252.6	0.7	34.38
025810	Rock	0.6	6.3	1.0	6.6	1.4	4.1	0.6	4.0	0.5	1.54	0.7	11.9	15.8	292.3	<0.1	36.20
025811	Rock	19.1	115.2	20.1	125.8	22.9	58.0	6.6	39.8	4.4	3.31	2.1	11.2	10.2	564.4	0.4	56.57
025701	Rock	1.3	21.1	4.1	26.5	5.4	15.5	2.0	12.8	1.6	2.74	16.4	36.4	51.8	789.5	3.5	63.19
025751	Rock	0.8	20.0	3.3	18.8	3.5	9.7	1.3	8.5	1.0	3.85	4.5	19.0	25.7	407.2	0.4	36.74
025752	Rock	2.3	24.7	4.0	21.5	3.7	9.5	1.2	8.0	1.0	6.51	9.4	27.0	19.0	333.7	0.4	42.23
025753	Rock	5.4	69.1	10.4	60.0	10.7	25.9	2.8	15.9	1.8	0.56	12.7	55.1	21.6	308.4	1.4	43.97
025754	Rock	0.9	27.3	4.8	30.3	6.1	17.4	2.3	14.9	1.8	11.40	7.6	63.9	50.4	848.2	0.5	37.45
025756	Rock	0.9	26.7	4.5	27.8	5.5	15.4	2.0	12.8	1.6	6.46	20.6	69.4	30.9	543.2	0.7	34.73
025757	Rock	0.9	27.9	5.0	33.2	6.6	19.0	2.6	15.9	1.9	1.42	13.2	52.3	33.6	615.5	0.8	35.63
025758	Rock	1.8	16.1	3.1	20.6	4.0	11.4	1.5	10.5	1.6	1.76	1.3	180.1	20.8	232.5	0.6	28.27
025763	Rock	1.7	26.7	4.8	29.4	5.9	16.5	2.1	12.8	1.6	1.93	7.3	222.6	22.7	283.8	2.4	32.36
025764	Rock	2.8	31.0	4.6	28.8	6.0	16.4	2.1	13.4	1.8	2.42	60.1	406.1	3.4	77.28	9.3	32.77
025765	Rock	1.1	9.2	1.3	6.8	1.3	3.5	0.4	3.0	0.4	2.03	73.2	409.0	5.1	120.2	9.0	31.88
025766	Rock	4.9	112.0	18.9	118.0	21.4	55.1	7.0	40.6	4.5	14.42	57.9	111.2	113.2	>2000	1.4	79.55
025767	Rock	1.9	18.5	3.2	20.6	4.0	11.2	1.4	9.2	1.2	1.54	3.5	8.4	16.2	402.0	0.1	35.57
025768	Rock	1.5	14.9	2.5	15.7	3.0	8.4	1.1	7.2	0.9	0.81	32.6	51.0	16.2	340.1	0.3	34.73
025769	Rock	2.2	16.9	2.9	18.8	3.7	9.8	1.2	7.8	1.0	0.58	9.6	41.9	11.7	271.7	0.6	46.04
025770	Rock	1.1	12.7	2.3	15.2	3.0	8.1	1.1	6.6	0.9	1.14	10.1	18.4	16.2	383.8	0.5	39.62
025771	Rock	1.6	12.2	1.8	11.1	2.0	5.3	0.7	4.8	0.6	0.61	32.6	74.5	12.2	313.5	0.7	50.71
025772	Rock	1.7	15.1	2.4	17.0	3.3	9.3	1.2	7.5	1.0	0.87	25.0	56.5	13.0	285.6	1.1	41.84
025773	Rock	2.9	14.7	2.4	15.0	2.8	8.0	1.1	6.8	0.9	0.93	21.3	46.9	8.6	207.1	0.9	41.82
025774	Rock	<0.1	0.7	<0.1	0.6	<0.1	0.4	<0.1	0.4	<0.1	0.85	8.0	28.6	0.2	4.21	0.2	14.46

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Project: True Blue  
 Report Date: August 03, 2010

Page: 3 of 3 Part 1

**CERTIFICATE OF ANALYSIS**

**WHI1000057.1**

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
025775	Rock	1.46	9.03	1.29	0.43	0.9	21	12.7	4.8	337	0.96	7.1	0.8	<0.1	12.2	66	0.05	0.25	0.09	148	4.40
025776	Rock	0.86	9.73	1.03	1.44	21.1	<20	60.9	1.6	235	2.71	<0.2	16.1	<0.1	74.9	36	0.11	0.52	<0.04	<1	1.51
025777	Rock	1.01	1.40	1.47	1.12	4.1	<20	4.8	3.8	155	1.44	1.0	0.4	<0.1	7.7	46	0.04	0.28	<0.04	3	1.42
025778	Rock	0.95	3.88	1.27	0.16	9.6	<20	32.4	0.6	58	0.70	<0.2	1.3	<0.1	10.6	29	<0.02	0.27	<0.04	223	0.53
025779	Rock	0.93	2.70	1.64	0.20	3.1	<20	35.8	0.4	46	0.73	0.2	0.8	<0.1	9.7	19	0.03	0.32	<0.04	294	0.36
025780	Rock	0.69	7.02	34.60	4.45	23.6	<20	14.0	6.1	184	3.63	4.5	6.7	<0.1	43.0	40	0.14	1.20	0.41	<1	1.71
025781	Rock	1.12	5.25	7.08	3.24	23.1	<20	0.7	2.1	321	5.38	1.1	3.6	<0.1	30.1	60	0.10	0.48	0.13	1	1.41
025782	Rock	0.21	13.32	6.95	3.80	23.2	<20	2.9	2.7	94	5.70	5.4	15.4	<0.1	70.2	44	0.20	0.87	0.17	<1	0.54
025783	Rock	1.75	5.17	4.77	1.50	7.6	<20	9.8	4.3	832	4.27	1.3	3.4	<0.1	26.4	54	0.14	0.36	0.06	1	3.37
025784	Rock	1.71	5.95	5.18	1.48	19.6	<20	2.8	2.1	456	5.67	2.8	5.8	<0.1	41.1	38	0.17	0.46	<0.04	2	1.23



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Project: True Blue  
 Report Date: August 03, 2010

Page: 3 of 3 Part 2

**CERTIFICATE OF ANALYSIS**

**WHI1000057.1**

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	
Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	
025775	Rock	0.106	3.7	27	2.29	87	0.082	8.59	6.440	0.48	7.7	31.2	0.9	1	6.1	0.05	8.1	8.48	1.0	4.3	0.9
025776	Rock	0.046	217.8	4	5.61	86	0.104	9.52	5.262	0.52	4.4	36.3	1.3	2	0.3	<0.04	195.7	471.5	55.7	231.8	40.7
025777	Rock	0.033	67.5	2	0.65	140	0.051	8.63	7.272	0.48	1.1	18.3	5.1	3	0.7	0.16	9.3	122.8	12.6	43.0	5.5
025778	Rock	0.106	2.3	25	1.38	166	0.090	5.81	3.746	0.71	2.0	32.9	0.7	2	7.4	<0.04	4.5	5.78	0.6	3.6	0.7
025779	Rock	0.090	7.8	34	1.27	293	0.104	5.53	2.977	1.41	2.4	18.1	1.8	3	5.9	<0.04	4.3	16.69	2.0	8.7	1.5
025780	Rock	0.027	209.9	3	2.15	228	0.130	8.54	5.410	2.05	4.5	77.2	3.1	5	0.8	0.44	67.6	399.2	41.1	141.5	20.4
025781	Rock	0.020	329.2	3	0.97	764	0.263	9.06	5.233	2.76	8.9	41.0	23.7	7	0.4	0.05	100.9	662.3	63.5	216.0	31.3
025782	Rock	0.037	248.1	3	2.42	582	0.154	8.22	4.738	2.81	13.2	151.6	7.8	8	0.4	0.22	93.3	483.9	49.3	171.5	25.6
025783	Rock	0.021	69.5	3	0.96	538	0.199	7.60	5.722	1.53	5.8	122.7	37.9	7	0.6	<0.04	63.0	145.7	16.5	62.6	11.7
025784	Rock	0.027	156.5	6	0.62	482	0.210	8.61	5.869	1.60	8.3	65.9	13.1	10	0.8	0.07	83.9	302.4	31.2	108.5	18.0



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 226 Cardinal Crescent  
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Project: True Blue  
 Report Date: August 03, 2010

Page: 3 of 3 Part 3

CERTIFICATE OF ANALYSIS

WHI1000057.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	
025775	Rock	0.1	1.2	0.2	1.1	0.2	0.5	<0.1	0.5	<0.1	0.79	3.2	18.2	0.2	3.23	0.2	12.53
025776	Rock	4.9	39.1	6.5	42.7	8.0	22.2	2.8	16.8	1.9	1.08	33.2	27.4	24.2	484.2	1.6	47.85
025777	Rock	1.0	2.7	0.3	1.7	0.3	0.8	<0.1	0.8	0.1	0.38	12.0	21.3	1.6	30.65	0.3	33.76
025778	Rock	<0.1	0.9	0.1	0.6	0.1	0.4	<0.1	0.4	<0.1	0.89	16.1	33.9	0.2	3.53	0.4	14.34
025779	Rock	0.1	1.4	0.2	0.8	0.2	0.4	<0.1	0.4	<0.1	0.56	17.4	58.0	0.2	3.18	0.6	16.62
025780	Rock	3.3	16.8	2.6	16.5	2.8	8.1	1.0	6.2	0.8	1.75	37.6	129.5	11.3	243.2	2.2	46.61
025781	Rock	4.6	23.1	3.8	22.7	4.0	10.1	1.2	7.3	0.8	0.82	9.9	107.2	22.2	318.8	1.2	46.21
025782	Rock	4.3	21.8	3.5	21.8	4.1	10.3	1.3	7.9	1.0	3.22	40.5	132.5	32.8	796.2	2.3	63.26
025783	Rock	2.1	12.1	1.9	12.3	2.4	6.4	0.8	5.6	0.7	2.64	4.5	41.5	14.0	268.0	0.6	41.67
025784	Rock	3.1	16.0	2.6	17.5	3.2	9.3	1.2	7.4	0.8	1.46	15.1	59.2	15.9	308.5	1.3	40.14



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Project: True Blue  
Report Date: August 03, 2010

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI10000057.1

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
Pulp Duplicates																					
025802	Rock	0.97	1.96	3.42	4.51	8.0	<20	2.4	2.7	561	1.15	4.0	12.1	<0.1	152.1	50	0.21	0.53	0.06	<1	0.32
REP 025802	QC		1.75	3.23	4.43	7.2	<20	2.2	2.7	555	1.13	4.6	12.1	<0.1	152.2	49	0.20	0.52	0.05	<1	0.33
025781	Rock	1.12	5.25	7.08	3.24	23.1	<20	0.7	2.1	321	5.38	1.1	3.6	<0.1	30.1	60	0.10	0.48	0.13	1	1.41
REP 025781	QC		5.69	7.02	3.39	23.8	<20	0.8	2.1	323	5.40	1.1	3.8	<0.1	29.8	60	0.10	0.49	0.14	1	1.40
Reference Materials																					
STD OREAS24P	Standard		1.62	53.21	2.34	113.7	81	155.0	48.9	1171	7.64	1.7	0.7	<0.1	2.5	384	0.13	0.08	<0.04	162	5.93
STD OREAS24P	Standard		1.52	50.99	2.69	116.0	47	153.3	51.4	1189	7.64	1.4	0.7	<0.1	2.9	401	0.14	0.09	<0.04	164	6.01
STD OREAS45P	Standard		2.36	754.7	24.32	152.0	418	413.9	135.6	1369	19.33	11.5	2.3	<0.1	11.8	33	0.23	0.81	0.24	287	0.24
STD OREAS45P	Standard		2.21	744.6	22.87	151.1	398	390.1	128.4	1367	18.88	12.4	2.2	<0.1	9.7	32	0.19	0.85	0.18	277	0.30
STD OREAS45P	Standard		2.27	752.0	22.45	145.0	335	396.4	130.2	1347	19.58	12.8	2.1	<0.1	9.5	33	0.18	0.83	0.22	275	0.31
STD OREAS24P Expected			1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45P Expected			2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	21	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
Prep Wash																					
G1	Prep Blank		0.25	3.39	19.77	53.0	<20	3.3	5.1	776	2.43	1.0	3.1	<0.1	7.5	716	0.06	0.07	0.16	50	2.45
G1	Prep Blank		0.43	2.86	19.90	52.3	<20	3.2	5.4	770	2.48	0.8	3.6	<0.1	8.8	711	0.03	0.06	0.14	50	2.46





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Project: True Blue  
 Report Date: August 03, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI10000057.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
Unit		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
Pulp Duplicates																					
025802	Rock	0.010	900.0	2	0.12	115	0.120	7.37	6.054	0.55	5.6	105.1	21.2	5	0.5	<0.04	115.0	1270	116.6	366.1	45.8
REP 025802	QC	0.010	884.7	2	0.12	112	0.129	7.39	6.106	0.55	5.7	104.2	21.3	4	0.3	<0.04	114.6	1240	113.7	357.7	44.8
025781	Rock	0.020	329.2	3	0.97	764	0.263	9.06	5.233	2.76	8.9	41.0	23.7	7	0.4	0.05	100.9	662.3	63.5	216.0	31.3
REP 025781	QC	0.020	335.9	3	0.97	751	0.259	8.92	5.156	2.77	9.1	43.9	23.5	7	0.4	0.05	101.8	686.4	64.3	217.3	31.0
Reference Materials																					
STD OREAS24P	Standard	0.145	18.5	216	4.21	284	1.124	8.40	2.454	0.70	0.4	142.9	1.6	<1	19.4	<0.04	22.3	38.65	4.8	21.7	4.5
STD OREAS24P	Standard	0.143	19.9	202	4.32	293	1.118	8.31	2.465	0.74	0.4	142.8	1.8	<1	20.3	<0.04	23.8	40.80	5.2	23.2	4.7
STD OREAS45P	Standard	0.048	27.0	1148	0.21	292	1.125	7.18	0.084	0.35	1.2	163.3	2.5	<1	65.6	<0.04	13.9	53.49	6.1	24.6	4.3
STD OREAS45P	Standard	0.049	25.9	1119	0.20	295	1.074	7.15	0.079	0.35	1.1	156.2	2.7	<1	64.5	<0.04	13.7	53.21	6.2	23.8	4.1
STD OREAS45P	Standard	0.049	26.0	1121	0.21	293	1.081	7.12	0.085	0.37	1.0	160.1	2.6	<1	67.7	<0.04	14.4	53.95	6.2	24.0	4.1
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7
STD OREAS45P Expected		0.047	24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5		67.1	0.03	13	48.9	6	23.2	4.24
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.41	<0.1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	0.5	0.97	<0.1	0.5	<0.1
Prep Wash																					
G1	Prep Blank	0.086	20.5	13	0.61	1032	0.252	7.66	2.862	2.95	0.2	12.1	1.6	3	4.6	<0.04	14.2	46.61	5.3	20.9	3.4
G1	Prep Blank	0.087	25.3	5	0.61	993	0.252	7.85	2.893	3.01	0.2	11.1	1.8	3	4.7	<0.04	14.5	56.38	5.9	23.3	3.6



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Project: True Blue  
 Report Date: August 03, 2010

Page: 1 of 1 Part 3

QUALITY CONTROL REPORT

WHI1000057.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
Pulp Duplicates																	
025802	Rock	1.7	33.3	4.7	24.1	3.8	9.5	1.1	7.5	1.0	2.76	9.1	26.4	19.0	365.9	0.6	40.59
REP 025802	QC	1.8	33.7	4.5	22.4	3.7	9.1	1.1	7.4	0.9	2.84	8.5	26.1	19.7	370.7	0.6	38.86
025781	Rock	4.6	23.1	3.8	22.7	4.0	10.1	1.2	7.3	0.8	0.82	9.9	107.2	22.2	318.8	1.2	46.21
REP 025781	QC	4.6	24.2	3.8	22.6	4.0	10.4	1.2	7.6	0.8	0.94	10.5	102.7	22.2	319.1	1.2	46.01
Reference Materials																	
STD OREAS24P	Standard	1.6	5.4	0.8	4.7	0.9	2.2	0.3	1.8	0.3	3.69	8.3	22.1	1.2	20.13	0.9	19.94
STD OREAS24P	Standard	1.6	5.5	0.8	4.8	0.8	2.2	0.3	1.8	0.3	3.44	8.7	23.4	1.2	21.55	0.8	20.62
STD OREAS45P	Standard	1.1	4.0	0.6	3.4	0.7	1.7	0.2	1.7	0.3	4.11	15.4	26.5	1.3	20.84	2.3	23.34
STD OREAS45P	Standard	1.1	3.9	0.6	3.8	0.6	1.6	0.2	1.6	0.2	4.02	15.4	24.1	1.4	21.95	2.2	23.23
STD OREAS45P	Standard	1.1	3.8	0.6	3.6	0.6	1.7	0.2	1.5	0.2	4.31	15.2	26.4	1.4	21.02	2.3	23.82
STD OREAS24P Expected		1.6	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43
STD OREAS45P Expected		1.1	3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	0.6	<0.1	<0.04	<0.1	0.10
Prep Wash																	
G1	Prep Blank	0.8	3.1	0.4	2.4	0.5	1.6	0.2	1.7	0.2	0.67	42.8	116.0	1.5	27.35	4.9	20.03
G1	Prep Blank	0.9	3.2	0.4	2.5	0.5	1.5	0.2	1.7	0.2	0.63	42.6	116.2	1.8	31.14	4.7	19.99



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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: July 05, 2010  
Report Date: July 23, 2010  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000070.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-005  
P.O. Number  
Number of Samples: 1

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	1	Crush, split and pulverize 250 g rock to 200 mesh			WHI
Group 1T	1	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

### SAMPLE DISPOSAL

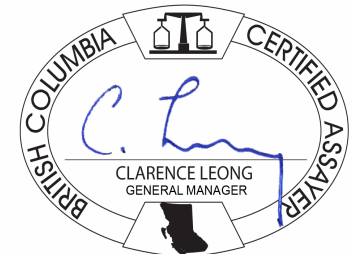
DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT Dispose of Reject After 90 days

### ADDITIONAL COMMENTS

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: Great Western Minerals Group Ltd.  
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Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.  
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.  
\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
 Report Date: July 23, 2010

Page: 2 of 2 Part 1

**CERTIFICATE OF ANALYSIS**

**WHI1000070.1**

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
025808	Rock	1.31	0.13	0.69	2.73	28.8	<20	0.9	5.9	3199	7.25	1.3	0.3	<0.1	4.7	66	0.32	1.97	<0.04	<1	21.71



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 Report Date: July 23, 2010

Page: 2 of 2 Part 2

**CERTIFICATE OF ANALYSIS**

**WHI1000070.1**

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
025808 Rock	<0.001	1.8	<1	1.63	35	0.093	8.00	0.225	0.16	0.5	402.5	8.3	2	1.4	<0.04	61.1	5.93	1.8	17.9	9.6



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Page: 2 of 2 Part 3

# CERTIFICATE OF ANALYSIS

WHI1000070.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	
025808	Rock	3.1	11.4	1.6	10.7	2.2	6.1	0.9	6.7	0.9	7.95	3.3	8.8	7.3	270.8	0.3	31.65



Acme Analytical Laboratories (Vancouver) Ltd.

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**Client:** Great Western Minerals Group Ltd.  
 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

**Project:** True Blue  
**Report Date:** July 23, 2010

**Page:** 1 of 1 **Part** 1

**QUALITY CONTROL REPORT**

**WHI10000070.1**

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02
Reference Materials																				
STD OREAS24P	Standard	1.54	48.18	2.84	126.6	22	153.8	49.4	1171	7.83	0.5	0.7	<0.1	2.9	400	0.10	0.09	<0.04	165	6.08
STD OREAS45P	Standard	2.33	766.9	23.55	143.8	294	411.3	130.4	1392	20.16	10.8	2.2	<0.1	10.5	31	0.13	0.80	0.23	286	0.31
STD OREAS24P Expected		1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45P Expected		2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
Prep Wash																				
G1	Prep Blank	0.15	2.54	19.06	51.4	<20	4.0	5.2	812	2.58	0.5	3.9	<0.1	8.8	742	0.02	0.03	0.15	57	2.58



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Saskatoon SK S7L 6H8 Canada

Project: True Blue

Report Date: July 23, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI1000070.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
Unit		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
Reference Materials																					
STD OREAS24P	Standard	0.140	17.3	227	4.19	274	1.085	8.22	2.455	0.69	0.4	143.4	1.5	1	20.8	<0.04	20.7	36.22	4.4	21.2	4.7
STD OREAS45P	Standard	0.047	23.8	1155	0.18	302	1.077	7.34	0.086	0.36	1.1	158.7	2.2	<1	67.4	<0.04	12.5	47.27	5.5	22.6	4.3
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7
STD OREAS45P Expected		0.047	24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5		67.1	0.03	13	48.9	6	23.2	4.24
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.11	<0.1	<0.1	<0.1
Prep Wash																					
G1	Prep Blank	0.084	29.9	5	0.71	1089	0.233	8.06	2.823	3.08	0.1	9.5	1.3	2	5.8	<0.04	15.6	55.99	6.5	26.0	3.8





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Project: True Blue

Report Date: July 23, 2010

Page: 1 of 1 Part 3

## QUALITY CONTROL REPORT

WHI1000070.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
Reference Materials																	
STD OREAS24P	Standard	1.5	5.5	0.7	4.6	0.8	2.0	0.2	1.7	0.2	3.74	8.4	20.6	1.2	20.93	0.9	21.18
STD OREAS45P	Standard	1.0	3.9	0.6	3.4	0.6	1.4	0.2	1.5	0.2	4.32	13.0	23.0	1.2	20.98	2.3	24.71
STD OREAS24P Expected		1.6	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43
STD OREAS45P Expected		1.1	3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
Prep Wash																	
G1	Prep Blank	0.7	3.4	0.4	2.8	0.6	1.4	0.2	1.8	0.3	0.57	31.6	124.1	1.4	25.30	5.2	20.65



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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: July 12, 2010  
Report Date: July 30, 2010  
Page: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI10000082.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-006  
P.O. Number  
Number of Samples: 44

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	44	Crush, split and pulverize 250 g rock to 200 mesh			WHI
Group 1T	44	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT Dispose of Reject After 90 days

### ADDITIONAL COMMENTS

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: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
 Report Date: July 30, 2010

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

WHI1000082.1

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
25755	Rock	0.15	2.15	1.60	9.88	30.3	<20	0.7	2.8	772	5.85	<0.2	71.7	<0.1	374.1	108	0.64	0.74	0.10	<1	2.83
25759	Rock	0.09	0.27	6.44	33.93	90.1	<20	1.0	3.5	103	0.92	8.2	56.8	<0.1	178.7	55	0.62	0.55	0.05	1	0.40
25760	Rock	0.16	0.77	1.93	7.38	26.3	<20	0.7	2.2	224	1.51	1.2	52.2	<0.1	215.9	81	0.22	0.50	0.09	<1	0.73
25762	Rock	0.18	0.18	8.16	32.64	18.8	<20	1.6	0.8	268	1.24	1.9	67.4	<0.1	203.1	108	0.38	0.74	0.08	3	0.85
25825	Rock	1.12	1.30	1.78	41.98	109.5	*	9.5	4.5	1520	5.89	1.2	191.0	<0.1	1566	46	2.09	2.70	0.17	41	10.76
25826	Rock	1.02	0.12	2.96	5.01	391.4	112	24.0	14.5	1869	4.91	13.8	0.4	<0.1	5.1	60	0.33	2.86	0.11	82	15.44
25827	Rock	1.07	0.49	4.77	252.4	84.6	*	3.4	7.8	864	4.16	3.2	3055	*	>2000	67	11.15	9.95	6.80	7	16.35
25828	Rock	1.05	0.07	2.25	1.79	160.4	154	8.3	7.4	880	4.76	2.6	8.5	<0.1	11.0	53	0.49	2.27	0.34	66	14.77
25829	Rock	1.12	1.22	9.17	19.46	44.8	143	1.8	2.0	644	1.59	0.5	4.1	<0.1	23.5	194	0.21	0.89	3.12	22	32.23
25830	Rock	0.71	6.75	13.35	8.93	34.9	34	26.4	3.4	106	1.16	3.0	3.2	<0.1	25.5	26	0.14	1.03	0.13	322	0.14
25831	Rock	0.67	0.19	12.86	329.7	52.8	186	10.2	4.8	698	3.93	2.7	1156	<0.1	>2000	61	0.12	2.74	0.09	49	20.23
25832	Rock	0.69	0.12	1.35	10.17	160.5	178	2.6	4.7	1005	3.50	0.5	0.7	<0.1	16.4	99	0.21	1.88	3.42	56	18.81
333101	Rock	0.80	0.14	9.24	44.02	942.0	*	15.7	13.7	1402	5.03	6.2	241.4	<0.1	140.9	50	1.17	3.80	0.82	111	12.44
333102	Rock	0.80	0.10	34.22	4.35	682.2	*	33.6	14.6	1015	7.87	6.7	221.1	<0.1	85.9	22	0.38	3.86	0.06	32	4.85
333103	Rock	1.02	1.34	67.96	52.57	143.9	*	11.4	16.5	972	6.35	1.2	156.1	<0.1	>2000	77	0.32	2.15	0.42	<1	4.84
333104	Rock	0.99	0.45	1.86	39.51	207.8	*	8.3	8.9	1058	4.97	3.8	763.9	*	>2000	45	14.21	9.43	0.30	4	14.51
333105	Rock	0.42	0.85	50.56	49.08	161.6	*	21.8	13.3	978	5.98	24.6	587.5	*	1570	118	15.24	10.98	1.93	12	13.05
333106	Rock	2.28	0.44	30.38	35.57	1127	*	25.8	17.4	1603	5.76	3.6	172.1	*	935.1	101	1.27	6.17	0.21	106	14.06
333107	Rock	1.14	2.17	3.18	10.78	420.8	<20	1.7	3.7	3289	7.11	1.7	32.0	<0.1	128.6	82	0.48	3.42	0.27	18	5.54
333108	Rock	1.28	0.45	20.17	6.89	106.9	*	9.1	7.8	1450	7.12	0.9	89.8	*	359.7	58	1.00	3.59	0.31	28	11.08
333109	Rock	0.67	0.22	4.06	1.41	8.9	224	1.0	2.2	2545	3.76	3.9	0.9	<0.1	1.7	43	0.09	0.16	0.72	<1	21.05
333110	Rock	1.41	0.95	11.23	4.44	82.2	<20	4.1	3.6	1382	5.94	1.5	15.5	<0.1	196.5	46	0.26	3.86	0.13	25	11.78
333111	Rock	1.35	0.53	56.76	58.75	56.2	*	2.9	9.4	653	8.47	<0.2	611.2	*	>2000	161	0.93	3.97	0.20	12	12.21
333112	Rock	0.80	42.57	12.97	3.94	103.0	80	26.9	42.4	2636	10.24	381.9	1.2	<0.1	9.5	37	0.15	5.40	0.08	57	10.78
333113	Rock	1.05	0.77	1.91	5.51	148.6	*	1.6	4.0	1670	7.88	2.5	6.5	<0.1	55.7	66	0.33	1.60	2.60	22	6.19
333114	Rock	1.40	2.00	2.70	43.47	1022	*	1.7	1.5	1360	7.67	4.6	118.8	<0.1	701.1	90	5.87	5.76	3.35	10	3.36
333115	Rock	0.80	0.90	3.60	32.16	249.5	*	1.6	6.7	2078	9.97	1.8	72.3	*	208.8	57	1.89	3.14	0.68	15	10.40
333116	Rock	0.88	1.38	3.33	7.83	21.9	<20	7.9	2.9	558	1.49	0.8	179.3	<0.1	335.9	41	1.03	1.96	0.09	216	3.84
333117	Rock	0.81	2.35	5.29	30.18	76.7	<20	4.0	12.3	1403	6.87	<0.2	345.8	<0.1	933.3	58	0.53	3.14	0.79	12	9.11
333118	Rock	0.78	0.13	1.20	23.52	106.7	*	2.6	2.7	405	3.37	<0.2	226.9	<0.1	640.6	62	0.77	3.75	0.23	25	9.02

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: July 30, 2010

Page: 2 of 3 Part 2

CERTIFICATE OF ANALYSIS

WHI1000082.1

Method	Analyte	Unit	MDL	1T P	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
25755	Rock			0.025	909.2	11	0.43	822	0.192	5.24	1.505	2.53	8.4	762.7	15.0	21	1.3	<0.04	379.5	1600	149.1	561.0	81.8
25759	Rock			0.002	105.8	12	0.21	55	0.332	4.90	4.817	0.22	3.2	247.5	13.8	6	<0.1	<0.04	234.4	189.6	21.3	83.4	15.8
25760	Rock			0.003	159.0	5	0.28	78	0.153	5.50	4.528	0.42	0.9	159.3	9.7	21	0.7	<0.04	183.1	307.1	31.2	122.7	20.6
25762	Rock			0.008	246.2	3	0.10	148	0.097	5.39	4.300	0.77	6.1	119.6	11.6	9	0.4	<0.04	122.3	446.1	41.0	148.9	20.5
25825	Rock			0.012	756.1	14	4.69	447	0.208	2.25	0.868	0.48	0.1	>2000	36.0	75	2.0	<0.04	284.1	1309	117.7	421.5	58.4
25826	Rock			0.103	44.7	68	7.73	2404	0.343	3.98	0.092	0.97	1.3	114.3	26.5	3	8.4	<0.04	29.3	84.23	9.9	38.7	5.7
25827	Rock			0.032	367.2	11	7.30	881	0.196	1.38	0.052	0.22	2.1	>2000	33.1	9	4.2	0.14	>2000	1439	189.3	1085	247.0
25828	Rock			0.135	369.1	40	9.20	457	0.230	2.48	0.069	0.78	1.2	179.4	31.5	4	4.6	<0.04	62.9	559.0	46.9	147.7	15.9
25829	Rock			0.004	43.9	20	2.84	428	0.114	1.13	0.059	0.36	1.0	168.5	14.0	2	1.8	<0.04	29.2	71.59	8.5	33.7	5.4
25830	Rock			0.097	35.2	42	0.70	2882	0.192	5.27	2.370	2.67	3.4	36.9	0.7	3	8.9	0.07	8.4	71.82	9.3	37.1	5.7
25831	Rock			0.737	180.4	27	7.15	966	0.221	1.64	0.060	0.43	1.6	26.4	38.6	378	2.7	<0.04	577.0	513.8	60.6	305.6	72.2
25832	Rock			0.104	31.7	32	7.93	264	0.190	3.37	0.057	0.28	0.7	131.8	27.8	4	4.0	<0.04	21.3	55.46	6.7	25.4	3.9
333101	Rock			0.261	46.5	14	10.14	3247	0.854	6.24	0.020	1.42	2.5	252.3	31.9	5	15.2	<0.04	26.5	103.9	12.0	46.2	6.6
333102	Rock			<0.001	14.2	49	17.30	128	0.038	4.97	0.003	<0.02	2.3	38.6	0.5	<1	4.1	<0.04	11.2	39.03	3.9	14.4	2.2
333103	Rock			0.071	>2000	23	2.82	116	0.253	1.84	0.613	0.04	4.7	325.2	57.3	50	<0.1	1.29	>2000	>2000	610.5	>2000	319.3
333104	Rock			0.066	1087	28	8.00	808	0.556	2.03	0.084	0.34	8.5	>2000	28.8	39	5.5	<0.04	1489	>2000	266.6	1156	191.6
333105	Rock			0.034	386.2	22	6.66	1403	0.469	3.89	0.094	0.25	10.1	>2000	28.5	22	6.4	0.08	825.8	1021	106.5	399.6	67.9
333106	Rock			0.141	729.8	233	5.42	949	0.893	5.74	0.077	1.03	3.9	1059	38.0	14	12.4	0.14	702.1	1386	133.8	545.1	99.9
333107	Rock			0.014	267.8	9	2.72	1031	0.265	5.25	2.098	3.55	2.1	203.8	28.1	41	1.0	<0.04	93.9	483.2	48.1	157.8	21.5
333108	Rock			0.032	349.8	8	7.07	610	0.324	2.45	1.017	0.16	4.6	1681	78.5	26	1.3	<0.04	161.2	619.5	61.1	209.1	33.7
333109	Rock			0.008	38.2	2	11.27	28	<0.001	<0.02	0.026	<0.02	<0.1	1.5	0.1	<1	<0.1	0.05	8.0	46.70	3.9	11.4	1.3
333110	Rock			0.011	282.6	7	3.62	539	0.167	2.74	0.854	1.16	1.3	124.2	17.5	17	1.1	0.09	60.9	534.0	52.8	174.1	19.8
333111	Rock			0.036	>2000	9	4.58	203	0.104	1.65	0.080	0.31	11.7	1034	239.9	30	1.8	0.35	>2000	>2000	680.6	>2000	614.3
333112	Rock			0.077	25.9	47	4.27	343	0.307	4.55	1.462	0.57	1.0	32.8	6.0	5	8.0	0.11	36.8	36.85	4.2	17.9	4.6
333113	Rock			0.230	408.9	26	1.91	314	0.216	3.11	2.272	1.89	2.3	278.4	90.4	15	2.4	<0.04	105.7	743.9	67.1	218.7	29.6
333114	Rock			0.014	1307	5	0.42	591	0.225	3.82	1.994	3.60	0.1	365.2	104.4	108	0.2	<0.04	349.9	>2000	180.6	629.2	85.1
333115	Rock			0.042	>2000	21	1.68	339	0.268	2.24	0.300	1.33	1.2	672.4	64.0	80	1.8	<0.04	375.6	>2000	451.0	1757	193.7
333116	Rock			0.059	351.2	29	2.13	710	0.290	3.71	0.019	2.08	10.9	1181	6.8	4	16.3	<0.04	716.6	792.3	83.4	350.2	88.9
333117	Rock			0.047	1624	9	1.77	1054	0.206	2.32	0.126	0.94	5.8	175.4	10.3	92	1.1	<0.04	>2000	>2000	433.7	>2000	458.0
333118	Rock			<0.001	32.1	12	11.55	1189	0.164	1.51	0.069	1.44	0.6	894.1	30.7	32	3.8	<0.04	279.4	151.2	35.5	222.7	70.0

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Project: True Blue  
 Report Date: July 30, 2010

Page: 2 of 3 Part 3

# CERTIFICATE OF ANALYSIS

WHI1000082.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
25755	Rock	4.0	74.0	11.5	77.3	16.7	46.5	5.8	36.6	4.1	14.99	46.9	99.2	54.4	662.4	1.4	34.34
25759	Rock	1.4	20.0	4.3	34.9	9.4	31.6	4.7	34.5	4.7	6.00	5.0	31.9	14.6	276.3	0.4	20.09
25760	Rock	1.3	25.0	4.9	35.1	7.8	22.3	2.9	19.3	2.3	4.09	8.0	63.5	19.1	353.5	1.0	30.62
25762	Rock	1.9	18.9	3.5	25.1	5.6	16.5	2.3	16.3	2.0	3.84	1.8	26.6	32.3	434.9	0.6	31.59
25825	Rock	6.5	48.5	7.4	45.1	8.3	22.2	2.9	20.5	2.6	45.11	7.7	18.1	1.2	102.4	0.2	23.07
25826	Rock	0.6	5.9	0.9	5.7	1.2	2.9	0.4	2.3	0.3	2.87	60.4	53.1	2.5	56.57	0.9	12.68
25827	Rock	20.4	326.0	59.2	411.2	86.7	249.8	32.6	222.2	26.4	232.2	17.2	24.6	46.7	610.2	1.1	7.10
25828	Rock	4.6	12.1	2.0	12.1	2.3	6.2	0.8	5.4	0.7	4.90	41.9	84.6	2.1	26.45	1.5	8.36
25829	Rock	0.7	5.4	0.9	5.5	1.0	2.5	0.3	2.0	0.3	4.55	17.2	28.2	3.4	44.78	0.3	4.19
25830	Rock	0.2	4.3	0.5	2.2	0.3	0.8	0.1	0.9	0.1	0.86	30.9	103.7	2.4	34.41	0.5	15.57
25831	Rock	5.0	86.7	12.9	77.3	14.8	35.5	3.7	22.6	2.7	0.30	30.4	37.1	0.5	47.82	0.5	7.27
25832	Rock	0.7	3.9	0.6	4.1	0.7	2.0	0.2	1.6	0.2	3.43	51.7	24.0	1.5	15.63	0.5	15.60
333101	Rock	0.6	6.1	0.8	5.0	1.0	2.6	0.3	2.3	0.3	6.53	51.7	142.6	11.5	344.2	1.6	20.61
333102	Rock	0.3	2.4	0.3	2.1	0.4	1.1	0.2	1.5	0.3	0.94	1.9	1.2	11.6	435.5	<0.1	17.79
333103	Rock	33.0	332.8	62.7	429.5	88.2	245.9	33.0	224.5	26.1	5.72	2.7	1.8	6.6	112.3	<0.1	40.35
333104	Rock	18.5	214.4	42.8	309.8	69.7	213.5	30.1	224.7	29.5	312.9	19.2	36.1	154.0	1975	0.8	11.67
333105	Rock	17.8	81.1	15.2	116.7	28.9	98.2	17.1	142.5	21.7	384.1	16.7	22.0	605.5	>2000	0.5	18.39
333106	Rock	11.5	114.6	20.2	139.3	28.5	80.5	10.5	67.5	8.0	20.10	38.7	28.8	196.9	1017	0.2	25.19
333107	Rock	2.1	20.2	2.6	16.5	2.9	8.0	1.1	7.8	1.1	5.23	163.9	316.8	11.0	716.6	2.2	56.16
333108	Rock	5.0	34.7	5.3	31.5	6.0	16.0	2.0	13.8	1.8	39.50	4.2	5.8	32.5	792.0	<0.1	21.48
333109	Rock	0.2	1.4	0.2	1.0	0.2	0.7	<0.1	0.7	<0.1	0.03	4.9	1.1	0.1	2.33	<0.1	0.31
333110	Rock	4.3	14.7	1.9	11.3	2.2	5.9	0.7	4.4	0.5	3.97	4.3	64.2	6.8	119.2	1.5	25.23
333111	Rock	72.4	765.6	137.1	886.1	179.8	484.9	59.5	359.7	40.4	16.27	17.9	33.2	99.9	1029	0.8	37.48
333112	Rock	0.8	6.0	1.1	6.5	1.2	3.1	0.4	2.8	0.4	1.41	14.9	30.9	1.4	25.72	0.6	10.05
333113	Rock	2.1	23.8	3.3	17.8	3.0	7.5	0.9	5.8	0.8	8.60	34.0	174.0	11.8	257.5	1.7	35.96
333114	Rock	7.6	72.7	10.5	59.6	9.8	21.9	2.3	12.4	1.3	9.29	26.0	258.1	2.5	227.0	0.8	62.56
333115	Rock	12.4	145.0	16.5	85.7	13.0	28.7	3.5	21.0	2.5	12.65	30.5	128.8	38.1	602.2	0.7	36.90
333116	Rock	4.1	127.7	24.8	173.2	34.9	94.1	12.3	78.3	8.9	23.95	11.5	69.9	90.0	>2000	0.8	21.93
333117	Rock	15.6	465.2	80.2	509.1	101.2	268.3	34.4	216.4	24.6	4.19	14.9	59.2	2.2	405.5	1.0	28.13
333118	Rock	7.7	64.6	10.3	61.7	10.5	25.4	2.9	17.1	1.8	15.03	49.5	159.7	0.8	212.3	4.4	6.73

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 Report Date: July 30, 2010

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

WHI1000082.1

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
333119	Rock	0.97	3.97	3.25	2.33	53.3	*	0.4	3.2	706	6.30	0.9	1.4	<0.1	10.6	33	0.12	0.87	0.10	<1	0.30
333120	Rock	0.69	0.23	5.84	13.88	33.4	<20	1.0	0.6	166	1.19	<0.2	85.8	<0.1	708.7	25	1.11	2.49	0.08	<1	0.52
333121	Rock	0.65	7.97	1.92	4.08	14.0	<20	0.8	1.3	483	1.19	0.5	11.0	<0.1	84.9	34	0.21	0.38	<0.04	<1	3.06
333122	Rock	0.86	7.39	6.63	2.98	22.5	<20	1.8	2.5	797	2.50	2.4	7.2	<0.1	40.4	20	0.15	0.45	0.28	<1	0.97
333123	Rock	1.10	0.13	4.15	6.86	159.9	80	12.4	8.4	1286	5.25	4.5	40.2	<0.1	17.1	82	0.30	10.02	0.60	84	15.05
333124	Rock	1.06	0.26	15.84	17.46	143.1	<20	5.6	9.8	1091	5.09	4.7	403.4	*	931.8	57	6.63	8.22	0.39	56	13.84
333125	Rock	1.22	<0.05	1.42	2.38	158.0	155	6.1	8.5	1270	5.51	1.9	3.3	<0.1	31.0	16	0.32	5.91	0.27	72	14.68
333126	Rock	1.44	0.39	45.39	34.78	56.3	*	3.9	3.0	645	5.68	<0.2	59.3	0.1	1286	126	0.15	1.86	0.10	47	4.25
333127	Rock	1.09	0.14	6.79	14.87	1170	<20	21.3	13.6	1238	4.18	3.0	87.1	<0.1	30.5	117	0.48	4.16	0.07	139	14.09
333128	Rock	1.30	2.53	22.05	15.62	116.3	85	26.2	12.5	1496	3.92	9.1	2.5	<0.1	17.6	47	0.27	1.83	0.10	133	8.05
25888	Rock	0.76	5.74	2.62	9.41	14.5	<20	4.0	0.7	474	0.67	<0.2	17.6	<0.1	397.1	53	0.29	0.49	0.21	203	0.98
25889	Rock	1.94	8.31	4.56	45.97	128.8	<20	15.1	4.7	735	3.32	0.4	157.8	<0.1	1616	246	1.23	2.15	0.51	361	3.11
25890	Rock	2.05	3.56	4.76	93.05	113.9	<20	12.8	4.6	671	2.64	0.4	252.9	<0.1	923.4	251	0.67	0.76	0.52	538	2.08
25891	Rock	1.18	14.99	4.31	16.52	117.7	<20	5.0	3.4	1116	5.15	<0.2	33.3	<0.1	277.3	223	0.65	1.46	0.32	37	4.17



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Project: True Blue  
 Report Date: July 30, 2010

Page: 3 of 3 Part 2

CERTIFICATE OF ANALYSIS

WHI10000082.1

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	
Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	
333119	Rock	0.042	86.1	2	0.42	1849	0.374	7.92	3.173	4.93	5.3	41.7	14.6	3	1.4	<0.04	36.2	175.2	18.7	69.7	10.7
333120	Rock	0.036	696.3	1	0.71	442	0.444	9.55	3.896	3.81	31.6	384.0	27.1	18	3.8	<0.04	707.2	1573	187.3	874.0	158.2
333121	Rock	0.020	275.4	<1	1.57	220	0.107	9.06	3.054	3.10	3.0	161.0	12.0	7	1.6	<0.04	65.8	563.8	52.3	178.2	25.6
333122	Rock	0.022	201.2	<1	0.19	157	0.182	8.63	5.778	1.49	2.7	86.5	7.4	4	1.4	0.16	26.1	385.7	40.0	138.9	21.2
333123	Rock	0.085	1330	39	8.19	489	0.265	2.81	0.088	0.15	1.2	181.7	22.4	15	6.2	<0.04	141.2	>2000	208.1	696.9	60.9
333124	Rock	0.053	560.0	23	7.96	698	0.441	2.32	0.097	0.35	3.9	>2000	24.7	23	4.8	<0.04	411.3	1321	128.1	440.1	62.3
333125	Rock	0.084	63.7	36	9.70	162	0.262	2.87	0.082	0.12	1.5	234.4	28.5	11	5.7	<0.04	30.2	128.0	14.8	51.9	7.8
333126	Rock	0.071	>2000	3	1.30	530	0.151	2.52	0.163	0.20	4.6	193.0	111.9	5	0.5	0.14	1508	>2000	673.8	>2000	390.0
333127	Rock	0.156	37.3	294	6.99	1293	0.986	6.22	0.329	0.38	1.8	135.3	31.5	9	18.2	<0.04	36.8	78.85	8.8	33.0	5.2
333128	Rock	0.062	61.5	67	3.08	4850	0.312	4.43	0.623	2.84	1.8	120.6	11.6	4	7.2	0.12	29.1	126.7	13.3	49.5	7.7
25888	Rock	0.041	67.1	51	0.57	401	0.272	6.09	3.359	1.42	8.9	191.4	2.8	7	9.9	<0.04	116.5	155.4	21.8	94.5	20.9
25889	Rock	0.021	600.2	74	2.35	350	0.307	5.52	3.393	1.56	7.2	1458	19.2	25	45.6	<0.04	503.4	1242	121.3	464.0	89.4
25890	Rock	0.009	232.7	109	2.50	379	0.458	6.22	3.705	1.75	8.0	509.1	16.0	20	65.0	<0.04	214.8	547.9	55.9	208.9	38.0
25891	Rock	0.021	572.0	5	0.89	397	0.320	5.74	3.503	1.19	10.2	400.9	31.2	38	3.1	<0.04	283.9	1161	112.7	399.2	67.0



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Page: 3 of 3 Part 3

CERTIFICATE OF ANALYSIS

WHI1000082.1

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	
333119	Rock	1.4	7.8	1.3	7.7	1.5	3.6	0.4	2.9	0.3	0.99	23.7	171.1	7.0	150.8	3.5	30.74
333120	Rock	3.7	128.4	22.4	152.2	30.5	82.8	10.0	63.2	7.1	8.62	45.1	168.5	291.4	>2000	1.4	74.97
333121	Rock	0.8	15.9	2.6	15.4	2.8	7.4	1.1	6.5	0.8	4.39	7.9	125.0	15.4	356.5	0.8	43.86
333122	Rock	1.0	14.7	2.0	8.3	1.1	2.5	0.3	2.3	0.3	1.76	12.6	67.1	8.7	192.0	0.9	33.00
333123	Rock	16.7	33.0	5.0	28.4	5.4	13.4	1.6	9.9	1.2	4.55	14.0	11.9	7.0	64.21	0.2	7.96
333124	Rock	12.5	53.7	9.4	64.1	14.4	46.7	7.3	55.3	8.3	164.0	17.1	32.8	66.6	1918	0.8	9.60
333125	Rock	1.4	5.5	0.9	5.3	1.0	2.7	0.4	2.3	0.3	5.75	24.9	9.6	3.8	41.17	0.2	6.73
333126	Rock	36.5	312.3	52.8	312.7	55.9	138.0	16.4	103.7	12.7	4.49	1.6	13.5	8.4	191.9	0.3	38.08
333127	Rock	1.2	4.8	1.0	6.1	1.3	3.2	0.4	2.3	0.3	3.24	42.5	18.7	6.6	229.3	0.3	23.00
333128	Rock	0.8	6.5	0.9	5.7	1.1	3.0	0.4	3.0	0.4	3.05	14.6	86.2	2.5	40.46	0.2	13.80
25888	Rock	1.1	20.7	3.8	25.0	4.9	12.5	1.5	9.6	1.2	4.08	12.3	59.0	42.1	375.2	0.5	37.24
25889	Rock	7.5	93.3	16.2	105.4	20.1	50.5	6.2	36.9	4.4	23.73	38.7	110.2	31.8	1575	3.9	44.97
25890	Rock	3.1	35.5	6.5	41.1	8.5	21.6	2.4	15.3	1.8	9.89	31.3	116.8	48.0	1473	4.1	48.06
25891	Rock	7.1	60.2	10.3	62.4	11.6	28.1	3.0	17.7	2.0	8.07	18.7	85.0	34.9	907.2	2.0	49.62





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Page: 1 of 1 Part 1

# QUALITY CONTROL REPORT

WHI10000082.1

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
Pulp Duplicates																					
25762	Rock	0.18	0.18	8.16	32.64	18.8	<20	1.6	0.8	268	1.24	1.9	67.4	<0.1	203.1	108	0.38	0.74	0.08	3	0.85
REP 25762	QC		0.21	8.62	31.61	19.0	<20	1.6	0.9	275	1.31	2.0	67.7	<0.1	200.9	110	0.39	0.74	0.08	3	0.85
333119	Rock	0.97	3.97	3.25	2.33	53.3	*	0.4	3.2	706	6.30	0.9	1.4	<0.1	10.6	33	0.12	0.87	0.10	<1	0.30
REP 333119	QC		4.15	3.04	2.70	55.6	<20	0.2	3.2	729	6.39	0.5	1.6	<0.1	10.9	33	0.09	0.82	0.08	<1	0.31
Reference Materials																					
STD OREAS24P	Standard		1.72	55.62	3.37	114.6	60	159.2	50.9	1149	7.73	1.6	0.7	<0.1	3.0	370	0.15	0.09	0.05	166	5.96
STD OREAS24P	Standard		1.57	50.36	2.84	123.0	66	147.6	46.1	1167	7.52	0.7	0.7	<0.1	2.8	389	0.17	0.09	0.05	161	5.80
STD OREAS24P	Standard		1.62	53.21	2.34	113.7	81	155.0	48.9	1171	7.64	1.7	0.7	<0.1	2.5	384	0.13	0.08	<0.04	162	5.93
STD OREAS45P	Standard		2.36	754.7	24.32	152.0	418	413.9	135.6	1369	19.33	11.5	2.3	<0.1	11.8	33	0.23	0.81	0.24	287	0.24
STD OREAS45P	Standard		2.14	736.7	22.52	154.1	357	393.2	123.6	1349	19.01	11.5	2.2	<0.1	10.2	32	0.22	0.85	0.22	272	0.32
STD OREAS45P	Standard		2.21	744.6	22.87	151.1	398	390.1	128.4	1367	18.88	12.4	2.2	<0.1	9.7	32	0.19	0.85	0.18	277	0.30
STD OREAS24P Expected			1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45P Expected			2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
Prep Wash																					
G1	Prep Blank		0.21	3.14	20.25	48.2	<20	3.5	5.3	757	2.37	0.5	4.2	<0.1	10.4	638	0.04	0.05	0.15	52	2.36
G1	Prep Blank		0.19	2.52	18.86	45.7	<20	2.9	5.3	760	2.41	0.3	2.8	<0.1	9.4	608	0.05	0.04	0.11	53	2.44



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Project: True Blue  
Report Date: July 30, 2010

Page: 1 of 1 Part 2

# QUALITY CONTROL REPORT

WHI10000082.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
Unit		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
Pulp Duplicates																					
25762	Rock	0.008	246.2	3	0.10	148	0.097	5.39	4.300	0.77	6.1	119.6	11.6	9	0.4	<0.04	122.3	446.1	41.0	148.9	20.5
REP 25762	QC	0.009	249.6	6	0.11	151	0.099	5.39	4.293	0.75	5.8	120.2	11.1	8	0.3	<0.04	123.9	465.2	41.3	147.9	20.1
333119	Rock	0.042	86.1	2	0.42	1849	0.374	7.92	3.173	4.93	5.3	41.7	14.6	3	1.4	<0.04	36.2	175.2	18.7	69.7	10.7
REP 333119	QC	0.042	81.2	5	0.43	1864	0.381	8.24	3.131	4.81	5.4	41.6	14.8	3	1.4	<0.04	35.3	161.6	17.7	64.2	10.4
Reference Materials																					
STD OREAS24P	Standard	0.134	19.0	216	4.13	281	1.142	8.00	2.338	0.64	0.4	137.6	1.5	1	18.1	<0.04	22.0	37.54	4.8	22.5	4.7
STD OREAS24P	Standard	0.142	18.8	196	4.14	294	1.065	8.53	2.463	0.70	0.5	140.8	1.7	1	20.1	<0.04	21.9	40.54	4.9	22.3	4.7
STD OREAS24P	Standard	0.145	18.5	216	4.21	284	1.124	8.40	2.454	0.70	0.4	142.9	1.6	<1	19.4	<0.04	22.3	38.65	4.8	21.7	4.5
STD OREAS45P	Standard	0.048	27.0	1148	0.21	292	1.125	7.18	0.084	0.35	1.2	163.3	2.5	<1	65.6	<0.04	13.9	53.49	6.1	24.6	4.3
STD OREAS45P	Standard	0.045	25.3	1083	0.20	293	1.072	7.27	0.088	0.37	1.0	160.8	2.5	<1	66.7	<0.04	13.7	52.21	5.6	21.5	4.2
STD OREAS45P	Standard	0.049	25.9	1119	0.20	295	1.074	7.15	0.079	0.35	1.1	156.2	2.7	<1	64.5	<0.04	13.7	53.21	6.2	23.8	4.1
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7
STD OREAS45P Expected		0.047	24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5		67.1	0.03	13	48.9	6	23.2	4.24
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.39	<0.1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.41	<0.1	<0.1	<0.1
Prep Wash																					
G1	Prep Blank	0.082	30.7	20	0.62	914	0.247	7.03	2.707	2.67	0.2	11.1	1.5	2	4.9	<0.04	15.3	58.92	6.8	26.9	4.2
G1	Prep Blank	0.077	29.7	9	0.65	831	0.236	7.00	2.798	2.47	0.2	10.0	1.5	3	4.8	<0.04	14.3	57.78	6.5	26.6	3.9



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Project: True Blue  
 Report Date: July 30, 2010

Page: 1 of 1 Part 3

QUALITY CONTROL REPORT

WHI1000082.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02
Pulp Duplicates																	
25762	Rock	1.9	18.9	3.5	25.1	5.6	16.5	2.3	16.3	2.0	3.84	1.8	26.6	32.3	434.9	0.6	31.59
REP 25762	QC	1.9	18.5	3.6	24.4	5.6	16.2	2.2	15.9	2.1	3.74	1.7	26.4	30.3	415.2	0.6	32.24
333119	Rock	1.4	7.8	1.3	7.7	1.5	3.6	0.4	2.9	0.3	0.99	23.7	171.1	7.0	150.8	3.5	30.74
REP 333119	QC	1.3	8.5	1.3	8.0	1.5	3.5	0.4	2.8	0.3	0.92	23.0	168.9	7.2	153.0	3.4	31.83
Reference Materials																	
STD OREAS24P	Standard	1.6	5.6	0.8	4.9	0.9	2.1	0.3	2.0	0.3	3.53	8.3	22.2	1.0	19.06	0.9	19.44
STD OREAS24P	Standard	1.5	5.1	0.8	4.9	0.9	2.2	0.3	2.0	0.3	3.56	8.5	23.3	1.1	20.08	0.8	20.78
STD OREAS24P	Standard	1.6	5.4	0.8	4.7	0.9	2.2	0.3	1.8	0.3	3.69	8.3	22.1	1.2	20.13	0.9	19.94
STD OREAS45P	Standard	1.1	4.0	0.6	3.4	0.7	1.7	0.2	1.7	0.3	4.11	15.4	26.5	1.3	20.84	2.3	23.34
STD OREAS45P	Standard	1.0	3.8	0.6	3.6	0.7	1.7	0.2	1.7	0.2	3.93	15.4	24.6	1.4	20.75	2.3	24.69
STD OREAS45P	Standard	1.1	3.9	0.6	3.8	0.6	1.6	0.2	1.6	0.2	4.02	15.4	24.1	1.4	21.95	2.2	23.23
STD OREAS24P Expected		1.6	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43
STD OREAS45P Expected		1.1	3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
Prep Wash																	
G1	Prep Blank	0.9	3.3	0.4	2.9	0.6	1.5	0.2	1.8	0.3	0.58	37.3	129.4	1.3	25.06	5.1	17.58
G1	Prep Blank	0.9	3.2	0.4	2.6	0.5	1.5	0.2	1.6	0.2	0.46	36.9	121.6	1.3	25.27	4.2	17.23



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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: July 12, 2010  
Report Date: November 01, 2010  
Page: 1 of 8

## CERTIFICATE OF ANALYSIS

WHI10000083.2

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-007  
P.O. Number  
Number of Samples: 188

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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: Great Western Minerals Group Ltd.  
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Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	188	Crush, split and pulverize 250 g rock to 200 mesh			WHI
Group 1T	188	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
4B03	6	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed	VAN

### ADDITIONAL COMMENTS

Version 2: 4B03 analysis included



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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**Project:** True Blue  
**Report Date:** November 01, 2010

**Page:** 2 of 8 **Part** 1

# CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
26451	Rock	0.52	3.38	1.24	2.39	17.4	<20	0.9	1.7	291	3.70	<0.2	1.4	<0.1	15.3	117	0.08	0.22	0.08	4	1.36
26452	Rock	0.46	6.58	1.70	1.68	23.2	<20	1.4	2.3	319	3.04	0.3	2.7	<0.1	15.6	114	0.09	0.42	0.15	8	0.97
26453	Rock	0.45	7.87	1.73	1.46	8.5	<20	1.3	1.0	202	1.90	0.3	1.5	<0.1	12.0	95	0.10	0.22	0.40	9	1.17
26454	Rock	0.54	8.85	2.22	1.06	22.9	<20	1.5	2.0	231	3.12	<0.2	2.3	<0.1	17.9	106	0.13	0.25	0.55	8	0.92
26455	Rock	0.56	2.19	2.50	1.45	20.6	36	1.5	7.0	266	6.14	1.0	1.8	<0.1	36.0	85	0.15	0.29	0.39	61	1.34
26456	Rock	0.42	1.48	0.95	2.22	25.1	<20	2.1	1.1	397	2.73	0.6	1.9	<0.1	10.5	119	0.11	0.47	0.09	7	2.55
26457	Rock	0.36	5.23	1.16	6.12	25.6	<20	3.5	1.5	275	1.92	3.8	2.3	<0.1	15.8	206	0.12	0.73	0.09	13	1.76
26458	Rock	0.48	2.44	3.09	46.09	63.6	<20	3.4	2.3	317	2.15	7.4	3.0	<0.1	16.6	256	0.31	0.72	0.38	15	2.07
26459	Rock	0.41	0.42	2.04	11.16	32.5	<20	2.0	2.2	331	1.83	3.5	2.2	<0.1	9.8	270	0.28	0.84	0.18	7	1.87
26460	Rock	0.41	0.90	3.18	11.10	35.9	<20	7.0	2.2	400	2.41	1.9	2.6	<0.1	9.8	463	0.32	2.29	0.15	76	4.80
26461	Rock	0.47	0.76	1.65	10.47	32.5	<20	1.4	1.3	328	1.85	23.3	2.7	<0.1	11.3	305	0.38	0.99	<0.04	7	1.61
26462	Rock	0.64	1.59	2.23	7.17	24.0	<20	2.0	1.4	282	2.37	7.8	2.0	<0.1	12.1	284	0.17	0.87	0.04	12	1.68
26463	Rock	0.52	0.91	2.18	7.42	23.5	<20	1.5	1.1	243	1.49	4.2	2.0	<0.1	12.1	211	0.24	0.64	0.05	12	1.17
26464	Rock	0.38	1.37	1.73	6.86	25.6	<20	2.2	2.2	319	2.07	1.2	2.3	<0.1	11.2	394	0.20	0.64	0.05	12	2.40
26465	Rock	0.47	2.70	4.55	4.21	38.9	<20	2.0	3.4	571	4.08	3.1	1.8	<0.1	8.8	194	0.25	0.52	<0.04	43	2.28
26466	Rock	0.45	2.36	15.92	15.23	51.8	<20	1.8	2.4	232	1.61	2.4	2.8	<0.1	13.1	214	0.44	0.90	0.04	11	1.49
26467	Rock	0.51	18.24	17.43	8.63	78.4	<20	3.5	2.6	504	2.14	5.5	2.0	<0.1	10.8	110	0.88	1.64	0.06	13	2.30
26468	Rock	0.35	2.93	12.52	6.90	33.5	<20	4.3	2.3	340	2.42	1.2	3.1	<0.1	18.3	168	0.26	0.69	0.09	11	1.14
25926	Rock	0.33	2.60	2.89	4.64	28.8	<20	1.6	3.1	449	3.00	1.0	10.6	<0.1	52.8	61	0.19	0.40	<0.04	6	0.69
25927	Rock	0.42	3.77	20.44	6.14	26.0	<20	1.8	2.5	419	1.66	6.0	13.6	<0.1	65.0	58	0.24	0.74	0.89	5	0.39
25928	Rock	0.51	13.74	2.96	3.49	20.0	<20	0.7	1.0	576	2.80	<0.2	12.0	<0.1	62.8	49	0.17	0.33	0.07	2	0.56
25929	Rock	0.46	9.25	3.46	3.82	38.1	<20	0.4	1.4	426	2.48	1.1	10.4	<0.1	51.2	56	0.11	0.39	0.06	1	0.45
25930	Rock	0.54	6.58	3.69	5.20	30.1	<20	0.4	1.7	378	3.19	<0.2	15.0	<0.1	87.1	43	0.16	0.46	0.06	1	0.58
25931	Rock	0.59	15.42	1.55	3.53	19.2	<20	0.6	1.7	551	3.70	0.3	16.3	<0.1	110.2	38	0.21	0.39	0.06	4	0.87
25932	Rock	0.44	4.38	2.19	2.72	8.1	<20	2.1	1.3	441	1.71	0.4	4.5	<0.1	42.9	51	0.12	0.28	<0.04	22	0.82
25933	Rock	0.50	4.99	2.41	2.55	17.9	<20	2.2	1.5	590	3.61	0.3	6.8	<0.1	44.7	49	0.10	0.27	0.25	17	0.52
25934	Rock	0.45	0.92	8.72	3.99	30.6	<20	1.1	0.8	493	2.74	1.1	4.3	<0.1	31.9	74	0.14	0.48	0.05	2	1.13
25935	Rock	0.51	3.20	5.23	2.91	55.1	<20	3.7	1.5	607	3.26	2.0	4.3	<0.1	37.7	28	0.13	0.52	0.19	8	0.86
25936	Rock	0.62	2.30	7.95	5.52	32.7	<20	2.0	1.5	564	2.86	2.7	4.1	<0.1	28.1	45	0.15	0.44	0.22	40	1.04
25937	Rock	0.61	24.37	14.34	9.47	54.9	<20	1.7	3.2	1722	4.60	2.4	6.3	<0.1	28.0	60	0.26	0.42	0.60	12	3.29



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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 8 Part 2

CERTIFICATE OF ANALYSIS

WHI1000083.2

Method	Analyte	Unit	MDL	1T P	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
26451	Rock			0.059	65.9	1	1.24	155	0.289	7.15	6.449	0.55	0.8	53.3	5.8	5	1.1	<0.04	29.6	125.4	14.3	52.2	7.4
26452	Rock			0.062	80.5	2	0.41	712	0.228	8.39	6.260	1.16	2.1	91.3	4.6	6	2.0	<0.04	26.6	165.5	17.1	58.7	8.7
26453	Rock			0.062	53.5	3	0.51	133	0.191	7.67	7.080	0.34	0.6	107.5	5.8	7	1.8	<0.04	19.8	112.9	12.3	43.3	7.0
26454	Rock			0.060	73.6	3	0.65	1022	0.146	8.20	5.815	1.97	1.2	119.9	4.5	7	1.5	<0.04	28.6	161.6	17.3	61.2	8.9
26455	Rock			0.250	62.8	2	1.45	846	0.845	7.76	4.880	2.17	2.6	75.3	10.6	8	5.4	0.07	38.3	129.9	14.4	58.5	9.3
26456	Rock			0.071	55.2	1	0.66	2441	0.330	7.89	4.292	3.23	11.5	54.7	10.0	11	2.0	<0.04	31.7	124.0	14.1	53.3	8.6
26457	Rock			0.083	71.6	4	0.59	2680	0.330	9.88	5.092	3.01	2.9	87.4	6.7	6	2.3	<0.04	30.4	159.1	17.6	62.2	9.3
26458	Rock			0.089	39.4	3	0.83	2673	0.440	8.23	3.880	4.26	0.9	97.1	6.0	5	2.2	<0.04	36.5	108.7	13.7	52.0	8.1
26459	Rock			0.051	36.5	4	0.34	3004	0.344	8.38	3.725	4.72	1.6	73.9	6.0	3	1.7	0.10	27.2	94.33	11.3	42.9	6.8
26460	Rock			0.182	59.4	7	0.94	2425	1.010	7.44	3.376	3.30	0.7	90.9	11.0	5	5.9	<0.04	44.3	167.3	20.3	74.9	11.8
26461	Rock			0.062	38.8	4	0.36	2666	0.329	8.59	3.711	4.86	2.4	55.7	6.0	3	1.6	<0.04	34.4	105.8	12.9	51.3	8.1
26462	Rock			0.067	38.6	4	0.43	2185	0.315	8.82	4.631	3.66	1.6	81.1	4.1	7	2.2	<0.04	29.0	100.0	12.4	44.9	7.4
26463	Rock			0.063	56.2	4	0.35	2867	0.335	8.63	4.662	4.01	0.6	101.8	5.8	3	2.1	<0.04	29.0	128.9	14.5	53.5	8.0
26464	Rock			0.083	46.8	4	0.39	3876	0.482	9.41	3.927	4.90	0.5	95.3	4.3	4	2.2	<0.04	38.5	120.4	14.4	55.2	8.8
26465	Rock			0.178	65.5	3	0.75	1807	0.686	8.09	4.554	3.05	0.8	97.8	5.4	5	4.0	<0.04	33.0	151.8	16.9	64.8	10.4
26466	Rock			0.044	52.0	5	0.37	2426	0.510	9.14	5.219	2.75	2.6	102.6	4.9	7	1.6	<0.04	52.0	150.9	18.1	71.6	10.8
26467	Rock			0.086	40.7	4	0.34	1774	0.455	7.89	2.398	3.58	25.2	77.6	6.6	6	2.6	0.04	26.7	103.4	11.4	42.9	7.2
26468	Rock			0.064	73.5	3	0.35	3011	0.338	7.99	3.526	4.33	3.4	85.2	4.4	5	2.2	<0.04	40.3	156.2	16.6	61.0	9.5
25926	Rock			0.030	152.2	2	0.23	847	0.303	7.53	4.604	3.06	2.3	79.6	10.6	10	1.3	<0.04	66.4	300.6	28.7	97.8	14.3
25927	Rock			0.027	115.1	2	0.16	966	0.271	7.17	4.322	3.86	3.5	112.5	14.4	9	1.2	<0.04	48.5	225.9	25.7	88.7	14.4
25928	Rock			0.023	159.3	2	0.11	469	0.253	7.55	5.630	2.15	3.5	118.6	14.8	11	1.1	<0.04	69.4	286.2	29.3	101.7	16.9
25929	Rock			0.018	157.7	1	0.15	713	0.232	7.17	4.774	2.68	5.6	108.4	20.4	14	1.1	<0.04	68.8	302.1	29.7	105.0	15.2
25930	Rock			0.024	216.3	1	0.23	749	0.248	7.09	3.641	3.90	6.5	159.3	28.7	13	1.2	<0.04	76.0	400.9	38.3	127.9	19.3
25931	Rock			0.021	285.3	2	0.19	492	0.196	6.82	4.607	2.34	5.2	205.7	25.8	14	1.4	<0.04	112.9	531.3	51.3	172.3	27.5
25932	Rock			0.054	184.6	5	0.18	591	0.220	7.13	4.031	2.42	2.7	88.8	4.8	6	4.1	<0.04	31.9	345.8	34.1	115.1	16.9
25933	Rock			0.026	299.3	4	0.24	687	0.197	6.43	4.216	2.25	2.7	56.7	9.3	6	2.2	<0.04	72.6	576.1	53.9	179.6	25.6
25934	Rock			0.037	111.9	1	0.54	2578	0.227	7.03	1.779	4.05	2.0	122.0	4.9	4	1.2	0.05	34.9	227.1	23.9	86.2	13.5
25935	Rock			0.021	181.1	4	0.82	2118	0.233	7.89	0.971	5.18	3.6	100.3	6.4	8	3.5	0.09	48.0	366.6	39.8	146.4	20.9
25936	Rock			0.047	111.1	7	0.45	1419	0.191	6.96	2.568	3.12	2.7	67.2	7.3	7	3.1	0.27	33.9	223.5	24.0	88.9	12.5
25937	Rock			0.034	77.7	4	1.02	3430	0.128	5.99	1.297	4.60	2.7	108.7	6.6	5	2.4	0.25	41.5	163.1	16.6	61.0	9.5

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 8 Part 3

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
26451	Rock	1.3	6.8	1.0	6.3	1.2	3.3	0.5	3.0	0.4	1.15	14.2	28.8	6.8	122.8	1.2	32.68	N.A.	N.A.	N.A.	N.A.
26452	Rock	1.2	7.1	1.2	6.3	1.1	2.9	0.4	2.6	0.4	1.75	23.4	39.6	5.1	96.03	1.0	27.86	N.A.	N.A.	N.A.	N.A.
26453	Rock	0.9	5.4	0.9	5.4	0.9	2.3	0.3	2.3	0.3	2.38	7.2	5.4	4.5	83.96	0.3	26.51	N.A.	N.A.	N.A.	N.A.
26454	Rock	1.1	7.3	1.0	6.1	1.1	3.0	0.4	2.9	0.4	2.24	18.8	70.8	5.4	109.4	1.4	33.08	N.A.	N.A.	N.A.	N.A.
26455	Rock	1.7	9.1	1.4	8.2	1.6	4.2	0.6	3.5	0.4	1.61	33.7	124.2	5.4	81.57	2.5	28.67	N.A.	N.A.	N.A.	N.A.
26456	Rock	1.3	7.5	1.1	7.2	1.3	3.6	0.5	3.4	0.5	1.25	20.0	100.6	5.1	107.2	1.7	28.40	N.A.	N.A.	N.A.	N.A.
26457	Rock	1.3	7.5	1.2	6.7	1.1	3.1	0.4	3.0	0.4	2.07	13.0	71.0	5.6	112.6	0.8	26.27	N.A.	N.A.	N.A.	N.A.
26458	Rock	1.1	7.3	1.2	7.6	1.4	3.9	0.5	3.5	0.4	2.86	12.3	100.0	7.0	135.9	1.1	25.61	N.A.	N.A.	N.A.	N.A.
26459	Rock	0.9	6.5	0.9	5.5	1.1	2.9	0.4	3.0	0.4	2.23	6.6	115.9	5.8	110.6	0.9	24.44	N.A.	N.A.	N.A.	N.A.
26460	Rock	3.1	10.0	1.5	9.5	1.8	5.0	0.7	4.4	0.6	2.71	8.7	60.7	6.0	117.3	0.8	26.46	N.A.	N.A.	N.A.	N.A.
26461	Rock	0.9	7.5	1.1	6.6	1.3	3.4	0.5	3.0	0.4	1.73	4.5	115.6	5.9	122.1	1.0	26.08	N.A.	N.A.	N.A.	N.A.
26462	Rock	0.9	6.6	1.0	5.8	1.1	3.0	0.4	2.8	0.3	2.27	8.0	87.5	5.2	107.2	0.6	28.56	N.A.	N.A.	N.A.	N.A.
26463	Rock	1.1	7.4	1.1	5.8	1.1	2.9	0.4	2.5	0.3	2.51	9.9	94.3	4.6	94.34	0.5	24.29	N.A.	N.A.	N.A.	N.A.
26464	Rock	1.0	9.5	1.3	8.0	1.5	4.2	0.5	3.7	0.5	3.06	5.2	122.0	7.2	141.6	0.9	28.28	N.A.	N.A.	N.A.	N.A.
26465	Rock	1.5	8.8	1.2	7.2	1.3	3.6	0.5	3.3	0.4	2.46	17.0	106.4	3.9	88.74	2.0	27.99	N.A.	N.A.	N.A.	N.A.
26466	Rock	1.0	10.1	1.7	9.8	1.9	5.5	0.7	4.6	0.5	2.97	10.7	83.5	11.2	214.7	1.4	28.03	N.A.	N.A.	N.A.	N.A.
26467	Rock	1.1	5.9	0.9	5.3	1.0	2.9	0.4	3.0	0.4	1.80	27.1	116.7	5.4	118.8	3.3	27.88	N.A.	N.A.	N.A.	N.A.
26468	Rock	1.0	8.1	1.3	7.3	1.5	4.2	0.6	4.1	0.5	2.20	20.1	128.8	8.2	136.0	3.3	27.46	N.A.	N.A.	N.A.	N.A.
25926	Rock	0.8	12.5	2.1	13.3	2.6	7.1	1.0	6.9	0.9	1.77	16.2	137.2	17.0	340.8	1.3	30.63	N.A.	N.A.	N.A.	N.A.
25927	Rock	0.9	11.1	1.8	11.1	2.0	5.8	0.8	5.4	0.7	2.45	15.8	151.0	18.3	374.7	0.9	32.80	N.A.	N.A.	N.A.	N.A.
25928	Rock	0.8	14.9	2.5	14.5	2.8	7.4	1.0	6.9	0.9	3.13	8.4	90.0	17.7	329.4	0.7	32.80	N.A.	N.A.	N.A.	N.A.
25929	Rock	0.6	11.4	2.1	12.7	2.5	6.8	1.0	6.6	0.8	2.89	8.5	160.1	19.0	366.2	2.0	31.37	N.A.	N.A.	N.A.	N.A.
25930	Rock	0.7	14.7	2.5	16.1	3.0	8.3	1.1	7.9	1.0	3.47	9.3	196.7	20.3	386.2	3.7	32.70	N.A.	N.A.	N.A.	N.A.
25931	Rock	1.0	22.1	3.6	22.2	4.1	10.8	1.5	10.3	1.3	4.82	11.5	140.5	28.4	526.2	1.9	37.92	N.A.	N.A.	N.A.	N.A.
25932	Rock	1.1	12.3	1.5	7.2	1.2	3.2	0.5	3.3	0.4	2.33	12.9	91.5	7.1	128.0	0.9	26.69	N.A.	N.A.	N.A.	N.A.
25933	Rock	1.8	19.1	3.0	16.9	2.9	7.2	0.9	6.0	0.7	1.11	14.9	89.8	10.9	216.8	1.1	32.99	N.A.	N.A.	N.A.	N.A.
25934	Rock	1.2	11.9	1.6	8.9	1.5	3.8	0.5	3.2	0.4	2.61	15.8	129.6	9.4	198.5	1.8	31.14	N.A.	N.A.	N.A.	N.A.
25935	Rock	1.0	16.8	2.3	12.7	1.9	4.9	0.7	4.2	0.6	2.11	25.1	165.3	8.6	168.3	1.7	40.10	N.A.	N.A.	N.A.	N.A.
25936	Rock	0.6	9.8	1.4	8.4	1.4	3.6	0.5	3.2	0.4	1.50	22.3	104.1	8.9	175.9	1.6	30.06	N.A.	N.A.	N.A.	N.A.
25937	Rock	0.2	9.6	1.4	8.4	1.7	4.4	0.6	4.0	0.6	2.40	33.9	120.1	6.6	135.5	1.1	25.15	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 8 Part 4

CERTIFICATE OF ANALYSIS

WHI10000083.2

	Method Analyte Unit MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.02	0.05
26451	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26452	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26453	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26454	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26455	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26456	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26457	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26458	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26459	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26460	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26461	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26462	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26463	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26464	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26465	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26466	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26467	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26468	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25926	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25927	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25928	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25929	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25930	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25931	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25932	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25933	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25934	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25935	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25936	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25937	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 8 Part 5

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B
		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
26451	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26452	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26453	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26454	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26455	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26456	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26457	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26458	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26459	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26460	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26461	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26462	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26463	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26464	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26465	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26466	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26467	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
26468	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25926	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25927	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25928	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25929	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25930	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25931	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25932	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25933	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25934	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25935	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25936	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25937	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 3 of 8 Part 1

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
25938	Rock	0.63	9.51	13.45	8.56	81.3	<20	2.0	1.3	789	2.88	5.4	5.9	<0.1	34.9	46	0.33	0.67	0.50	7	1.03
25939	Rock	0.56	2.82	10.60	6.05	54.4	<20	2.4	5.0	1280	5.19	3.8	3.5	<0.1	21.7	74	0.18	0.56	0.29	58	2.48
25940	Rock	0.57	3.79	9.01	4.64	66.4	<20	1.0	6.6	1122	5.24	9.4	5.5	<0.1	26.7	34	0.26	0.70	0.34	30	0.80
25941	Rock	0.46	4.37	11.88	5.34	64.0	<20	12.3	1.8	897	3.32	5.9	5.4	<0.1	35.3	45	0.22	0.72	0.15	24	1.07
25942	Rock	0.55	4.66	6.57	19.97	37.7	<20	1.3	2.5	773	2.84	2.1	17.1	<0.1	85.9	25	0.35	0.74	0.20	4	0.42
25943	Rock	0.59	3.51	2.73	6.45	29.2	<20	0.9	2.5	474	3.65	1.5	26.8	<0.1	134.1	28	0.22	0.45	0.16	2	0.98
25944	Rock	0.46	1.94	2.22	4.00	15.0	<20	2.7	3.9	708	3.06	0.9	9.4	<0.1	54.9	46	0.15	0.37	0.12	17	0.62
25945	Rock	0.42	4.12	1.70	2.87	10.6	<20	1.7	1.3	472	2.78	0.2	12.7	<0.1	62.0	79	0.13	0.34	0.04	9	0.84
25946	Rock	0.52	8.93	1.56	3.70	16.1	<20	0.7	1.5	580	3.38	0.7	17.4	<0.1	98.8	48	0.21	0.37	0.10	2	0.61
25947	Rock	0.51	2.12	4.53	2.94	10.2	<20	8.0	3.2	400	2.79	1.2	5.1	<0.1	35.3	87	0.13	0.35	0.07	4	0.33
25948	Rock	0.58	3.87	5.73	5.39	25.6	<20	3.0	1.3	451	2.55	6.1	2.9	<0.1	24.8	47	0.18	0.62	0.27	7	0.30
25949	Rock	0.60	4.40	3.35	3.23	16.4	<20	3.9	1.6	764	4.06	2.2	2.9	<0.1	22.9	58	0.12	0.55	0.58	6	1.41
25950	Rock	0.56	3.66	3.66	2.36	8.8	<20	3.2	4.0	471	4.05	0.9	2.4	<0.1	17.0	74	0.10	0.42	0.09	1	0.49
25901	Rock	0.70	1.07	8.86	7.34	51.0	<20	0.9	3.5	406	2.65	11.0	3.6	<0.1	28.1	93	0.24	1.15	0.19	8	0.65
25902	Rock	0.45	1.63	9.38	5.77	29.9	<20	0.9	4.0	319	2.29	2.7	6.7	<0.1	59.2	94	0.14	0.42	1.66	5	0.95
25904	Rock	0.60	1.93	2.79	6.87	30.5	<20	0.7	1.5	383	2.52	1.3	5.7	<0.1	35.9	130	0.20	0.48	0.08	5	1.16
25905	Rock	0.53	2.82	13.79	10.40	44.1	<20	1.1	2.8	537	3.22	1.7	7.2	<0.1	42.8	79	0.19	0.38	0.17	5	1.23
25906	Rock	0.55	1.05	6.56	6.34	25.5	<20	4.1	3.2	359	2.04	2.6	4.5	<0.1	33.5	92	0.17	0.36	0.12	6	1.36
25907	Rock	0.57	3.47	9.92	5.60	36.7	<20	0.9	1.8	487	2.94	0.8	10.4	<0.1	57.6	71	0.17	0.41	0.08	3	0.69
25908	Rock	0.48	2.50	19.45	10.90	39.2	<20	0.6	2.2	380	3.43	4.0	9.8	<0.1	43.3	86	0.19	0.83	0.49	3	0.93
25909	Rock	0.53	1.37	3.37	5.97	54.3	<20	25.6	3.8	412	3.72	1.2	6.7	<0.1	38.9	78	0.22	0.51	0.07	41	0.95
25910	Rock	0.56	25.89	14.62	19.54	70.2	<20	0.9	2.6	309	2.44	4.5	10.7	<0.1	67.7	62	0.40	0.40	0.14	3	0.81
25911	Rock	0.45	3.86	5.15	28.81	47.5	<20	1.6	2.7	388	2.29	4.9	11.0	<0.1	72.1	67	0.27	0.44	0.09	2	1.05
25912	Rock	0.42	4.08	6.17	7.87	64.9	<20	1.3	2.5	425	2.09	2.4	6.6	<0.1	30.5	70	0.37	0.61	0.13	3	0.37
25913	Rock	0.44	5.11	2.55	5.05	29.4	<20	1.1	1.6	437	3.18	0.6	6.9	<0.1	32.6	122	0.14	0.39	0.04	3	0.98
25914	Rock	0.52	6.03	2.43	2.96	23.2	<20	0.9	1.2	324	3.09	0.8	5.2	<0.1	34.8	76	0.20	0.46	<0.04	5	0.53
25915	Rock	0.42	2.40	2.31	4.60	38.0	<20	1.9	1.7	475	3.05	1.1	7.2	<0.1	40.4	45	0.15	0.40	0.07	4	0.66
25916	Rock	0.51	4.41	3.04	4.35	30.0	<20	1.4	3.1	623	3.83	1.7	9.3	<0.1	48.6	44	0.17	0.48	0.12	4	0.78
25917	Rock	0.37	3.16	2.62	4.22	45.0	<20	0.8	1.1	584	3.71	0.5	5.5	<0.1	38.7	60	0.15	0.50	0.11	2	0.30
25918	Rock	0.68	2.19	2.52	4.59	38.5	<20	1.2	2.3	614	3.71	1.1	9.6	<0.1	58.2	44	0.17	0.50	0.23	5	0.78

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 3 of 8 Part 2

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	Unit	MDL	1T P	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
25938	Rock			0.041	139.4	3	0.41	1001	0.158	7.27	2.649	2.88	3.5	108.4	8.2	8	1.6	0.10	38.5	273.7	27.9	97.8	14.1
25939	Rock			0.198	103.0	3	0.84	1521	0.712	7.55	1.814	4.43	7.3	109.4	7.9	9	5.0	0.30	33.7	222.1	24.3	90.1	13.6
25940	Rock			0.117	127.2	2	0.60	1493	0.358	7.08	1.994	3.67	3.6	183.4	7.8	8	2.8	0.30	41.4	254.5	27.8	99.9	16.5
25941	Rock			0.039	153.1	37	0.55	3152	0.209	7.28	1.470	5.07	3.4	119.1	7.3	5	4.3	0.07	39.0	300.0	31.4	112.2	15.8
25942	Rock			0.025	283.2	<1	0.28	985	0.268	7.47	2.837	3.93	4.4	85.6	20.9	8	1.6	0.04	95.2	539.6	52.7	165.4	23.9
25943	Rock			0.019	365.0	1	0.30	573	0.252	8.68	3.523	3.17	4.6	100.0	27.8	14	0.6	<0.04	125.8	739.5	69.4	222.6	32.6
25944	Rock			0.049	140.6	5	0.24	632	0.334	9.42	4.676	2.78	3.2	111.1	15.8	7	2.3	<0.04	59.5	262.0	28.4	94.6	15.2
25945	Rock			0.042	190.6	5	0.16	182	0.264	8.54	6.407	0.54	3.1	35.9	22.0	9	1.7	<0.04	85.7	370.8	40.4	133.1	20.6
25946	Rock			0.015	253.5	2	0.19	201	0.216	8.02	5.447	0.91	4.5	94.6	25.8	10	0.8	<0.04	88.5	458.8	44.6	142.4	19.6
25947	Rock			0.022	56.3	2	0.11	137	0.161	6.86	6.408	0.33	2.0	63.8	8.8	4	0.9	0.04	36.5	133.7	15.6	57.1	9.6
25948	Rock			0.023	66.0	2	0.25	871	0.241	8.81	4.477	2.62	3.8	82.1	5.0	5	1.2	0.04	20.1	126.4	15.2	53.7	8.0
25949	Rock			0.026	83.1	3	0.44	740	0.258	8.82	3.734	2.44	3.3	43.7	10.9	9	0.4	<0.04	53.4	166.9	22.0	83.8	13.2
25950	Rock			0.022	52.0	<1	0.12	233	0.147	7.21	5.804	0.81	2.3	64.6	4.6	5	0.8	0.18	18.7	106.6	13.5	52.5	8.9
25901	Rock			0.044	130.1	1	0.59	686	0.279	9.21	5.347	2.33	4.2	46.7	8.9	8	1.9	<0.04	42.0	232.8	24.3	77.1	10.8
25902	Rock			0.031	132.7	1	0.53	529	0.290	9.16	5.818	1.74	2.0	82.7	11.3	9	1.3	<0.04	61.0	236.0	25.2	83.8	13.0
25904	Rock			0.040	113.7	<1	0.59	907	0.329	8.95	4.616	2.88	2.6	50.4	11.3	7	1.7	<0.04	53.3	205.5	22.0	71.4	10.8
25905	Rock			0.037	153.7	1	0.40	855	0.267	8.69	4.534	3.20	4.2	67.6	13.6	11	1.7	<0.04	79.7	296.5	31.6	104.1	16.8
25906	Rock			0.055	95.7	3	0.44	693	0.296	9.07	5.504	2.26	3.0	76.2	11.0	8	1.9	<0.04	51.1	186.4	20.5	68.2	10.9
25907	Rock			0.029	137.7	4	0.22	536	0.239	8.91	5.406	2.35	2.6	67.9	14.2	13	1.3	<0.04	62.1	245.5	27.0	89.1	14.0
25908	Rock			0.028	102.6	2	0.39	537	0.313	8.69	5.002	2.20	2.2	70.2	11.8	8	1.5	0.05	64.5	191.7	20.4	69.1	11.0
25909	Rock			0.046	113.5	46	1.37	566	0.376	8.67	4.699	2.39	2.0	83.4	8.7	7	5.8	<0.04	57.4	207.0	21.9	73.8	11.2
25910	Rock			0.024	206.4	2	0.49	345	0.262	8.67	5.987	1.30	2.3	54.8	14.1	11	1.5	0.10	80.1	360.7	37.1	115.4	16.1
25911	Rock			0.019	163.5	2	0.26	330	0.231	8.27	5.784	1.39	2.6	66.5	13.2	7	1.1	<0.04	71.2	294.2	31.1	101.1	15.2
25912	Rock			0.031	95.5	2	0.22	734	0.226	9.35	5.952	2.03	2.0	47.7	10.5	12	1.6	<0.04	37.1	175.2	18.3	60.9	9.3
25913	Rock			0.043	80.9	2	0.46	472	0.312	8.80	5.380	2.10	2.4	61.6	13.0	8	2.0	<0.04	58.4	177.0	20.0	70.4	11.7
25914	Rock			0.039	92.6	5	0.28	453	0.234	9.35	5.691	1.85	3.2	73.7	13.3	8	1.6	<0.04	44.0	183.1	20.2	68.9	10.7
25915	Rock			0.026	87.6	2	0.29	604	0.206	8.59	3.483	2.74	2.8	75.1	13.0	8	1.6	<0.04	43.4	172.6	18.8	65.2	10.0
25916	Rock			0.028	127.5	2	0.26	438	0.207	8.81	4.493	2.40	3.6	47.7	14.4	8	1.9	<0.04	57.6	238.6	25.3	87.9	14.4
25917	Rock			0.028	92.3	2	0.27	372	0.268	7.72	5.831	1.77	3.4	62.0	11.1	6	1.3	<0.04	41.0	178.9	19.6	63.6	9.6
25918	Rock			0.033	167.0	2	0.32	527	0.297	8.61	2.760	3.45	3.3	86.4	14.8	8	1.7	<0.04	58.1	311.1	32.1	105.2	16.3

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Client: **Great Western Minerals Group Ltd.**  
 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 3 of 8 Part 3

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	1	1	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02				
25938	Rock	0.5	10.4	1.6	9.0	1.6	4.1	0.6	3.7	0.5	2.31	29.5	103.7	12.3	251.7	1.5	30.28	N.A.	N.A.	N.A.	N.A.
25939	Rock	1.1	10.6	1.5	8.0	1.3	3.2	0.4	2.6	0.4	2.27	39.9	144.3	6.3	132.3	2.0	32.40	N.A.	N.A.	N.A.	N.A.
25940	Rock	1.5	13.1	1.8	9.7	1.6	4.1	0.5	3.5	0.4	3.87	48.2	137.8	9.6	191.0	3.5	32.34	N.A.	N.A.	N.A.	N.A.
25941	Rock	0.5	11.6	1.7	9.2	1.5	4.0	0.6	3.3	0.5	2.68	40.8	153.5	10.1	221.1	2.3	31.94	N.A.	N.A.	N.A.	N.A.
25942	Rock	0.9	19.1	3.2	18.6	3.7	10.0	1.3	8.5	1.2	2.13	37.8	184.4	24.9	443.0	1.6	35.49	N.A.	N.A.	N.A.	N.A.
25943	Rock	1.2	26.9	4.5	27.0	5.4	15.2	1.9	12.5	1.7	3.06	29.8	212.6	32.8	522.9	1.9	39.37	N.A.	N.A.	N.A.	N.A.
25944	Rock	1.2	13.2	2.1	12.0	2.3	6.5	0.9	5.7	0.8	3.06	16.9	140.4	14.5	250.5	0.7	30.94	N.A.	N.A.	N.A.	N.A.
25945	Rock	1.4	17.0	2.8	15.4	3.3	8.6	1.1	7.7	1.0	1.02	8.9	30.6	18.3	332.0	0.4	35.82	N.A.	N.A.	N.A.	N.A.
25946	Rock	0.7	15.8	2.6	16.5	3.3	9.0	1.2	8.3	1.1	2.85	16.8	52.3	29.3	486.5	1.0	35.69	N.A.	N.A.	N.A.	N.A.
25947	Rock	0.9	8.0	1.3	7.8	1.6	4.3	0.6	3.8	0.5	1.45	3.2	13.8	9.3	168.7	0.3	32.34	N.A.	N.A.	N.A.	N.A.
25948	Rock	0.8	6.8	0.9	4.8	0.9	2.2	0.3	2.0	0.3	1.86	13.2	90.5	6.2	106.5	0.9	35.62	N.A.	N.A.	N.A.	N.A.
25949	Rock	1.4	11.9	1.9	11.0	2.2	5.9	0.8	5.2	0.7	1.00	11.4	95.3	8.1	156.7	0.9	42.86	N.A.	N.A.	N.A.	N.A.
25950	Rock	1.0	7.3	0.8	4.8	0.8	2.2	0.3	2.0	0.3	1.65	7.4	33.8	4.1	75.61	0.7	30.82	N.A.	N.A.	N.A.	N.A.
25901	Rock	1.2	8.6	1.4	7.7	1.6	4.3	0.6	3.9	0.5	1.57	11.8	124.1	8.6	160.4	1.4	29.77	N.A.	N.A.	N.A.	N.A.
25902	Rock	1.1	11.2	2.0	12.0	2.2	6.6	0.8	5.9	0.8	2.21	19.5	92.7	13.2	195.2	1.1	33.89	N.A.	N.A.	N.A.	N.A.
25904	Rock	1.1	9.0	1.6	9.8	2.0	5.6	0.8	5.3	0.7	1.74	14.1	138.2	12.4	220.2	1.1	31.04	N.A.	N.A.	N.A.	N.A.
25905	Rock	1.3	14.4	2.7	15.6	3.1	8.5	1.1	7.1	1.0	1.92	14.7	117.0	11.4	223.5	7.9	33.88	N.A.	N.A.	N.A.	N.A.
25906	Rock	1.2	9.5	1.6	9.5	1.9	5.3	0.7	4.7	0.7	2.28	20.0	92.0	8.8	172.3	0.8	28.48	N.A.	N.A.	N.A.	N.A.
25907	Rock	1.0	11.8	2.0	12.4	2.5	6.7	0.9	6.1	0.8	1.97	14.8	105.0	14.8	255.8	1.6	33.16	N.A.	N.A.	N.A.	N.A.
25908	Rock	0.8	9.9	1.8	11.7	2.3	7.0	0.9	6.2	0.9	2.04	16.2	118.0	15.3	276.7	1.3	32.05	N.A.	N.A.	N.A.	N.A.
25909	Rock	0.9	9.8	1.7	10.0	2.0	5.7	0.8	4.9	0.7	2.18	24.8	175.5	9.7	183.2	3.5	29.06	N.A.	N.A.	N.A.	N.A.
25910	Rock	1.0	12.1	2.3	14.1	3.1	8.5	1.1	7.4	1.1	1.54	16.9	54.3	16.1	287.9	0.8	35.13	N.A.	N.A.	N.A.	N.A.
25911	Rock	0.7	12.0	2.1	13.1	2.7	7.8	1.0	6.4	0.8	1.42	13.8	74.3	15.6	273.9	1.0	34.30	N.A.	N.A.	N.A.	N.A.
25912	Rock	0.7	7.4	1.2	7.3	1.4	4.2	0.5	3.8	0.6	1.12	16.9	59.1	9.6	189.3	0.6	33.33	N.A.	N.A.	N.A.	N.A.
25913	Rock	1.1	10.2	1.8	11.0	2.2	6.2	0.8	5.2	0.7	1.62	12.3	74.0	12.3	232.5	1.7	31.81	N.A.	N.A.	N.A.	N.A.
25914	Rock	0.8	8.3	1.3	8.2	1.7	4.4	0.6	4.1	0.6	1.74	16.8	73.9	10.7	205.6	1.1	33.75	N.A.	N.A.	N.A.	N.A.
25915	Rock	0.6	9.5	1.4	8.5	1.6	4.6	0.6	4.5	0.7	2.02	16.8	137.9	10.7	182.0	1.4	32.78	N.A.	N.A.	N.A.	N.A.
25916	Rock	0.8	12.5	1.9	10.9	2.1	6.0	0.8	5.3	0.8	1.33	11.0	120.4	15.8	276.9	1.4	34.21	N.A.	N.A.	N.A.	N.A.
25917	Rock	0.7	8.1	1.3	8.0	1.5	4.4	0.6	3.8	0.5	1.44	10.1	90.4	12.8	261.1	1.5	34.41	N.A.	N.A.	N.A.	N.A.
25918	Rock	1.1	13.4	2.2	12.8	2.4	6.6	0.9	5.7	0.8	2.40	9.8	170.9	18.8	338.2	1.9	31.98	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 3 of 8 Part 4

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		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	0.05	0.02	0.05
25938	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25939	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25940	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25941	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25942	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25943	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25944	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25945	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25946	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25947	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25948	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25949	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25950	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25901	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25902	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25904	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25905	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25906	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25907	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25908	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25909	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25910	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25911	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25912	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25913	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25914	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25915	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25916	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25917	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25918	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 3 of 8 Part 5

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B
		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
25938	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25939	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25940	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25941	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25942	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25943	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25944	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25945	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25946	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25947	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25948	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25949	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25950	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25901	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25902	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25904	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25905	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25906	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25907	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25908	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25909	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25910	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25911	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25912	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25913	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25914	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25915	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25916	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25917	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25918	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 4 of 8 Part 1

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	MDL	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
		0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02
25919	Rock	0.42	2.86	4.79	7.89	54.8	<20	0.8	2.9	471	3.93	1.6	7.2	<0.1	39.6	97	0.15	0.63	0.09	8	0.27	
25920	Rock	0.57	2.90	2.54	5.78	46.4	<20	1.1	2.0	637	4.91	0.7	5.7	<0.1	42.3	56	0.14	0.58	0.07	3	0.68	
25921	Rock	0.57	2.12	3.57	6.30	35.4	<20	1.4	2.1	552	3.46	0.5	8.2	<0.1	42.2	64	0.19	0.46	0.09	4	0.43	
25922	Rock	0.59	2.09	3.34	3.55	19.7	<20	0.6	1.7	624	3.25	0.8	6.5	<0.1	48.5	69	0.13	0.52	<0.04	5	1.50	
25923	Rock	0.49	3.99	2.30	4.14	29.1	<20	1.0	2.2	725	4.46	1.0	11.3	<0.1	72.0	70	0.20	0.57	0.07	3	0.69	
25924	Rock	0.48	0.76	2.86	9.49	67.2	<20	0.5	2.2	549	3.89	1.2	11.6	<0.1	60.1	73	0.18	0.66	0.09	3	0.72	
25925	Rock	0.54	1.98	2.30	5.54	47.1	<20	0.7	1.8	468	3.72	0.7	10.2	<0.1	47.2	61	0.19	0.45	0.06	3	0.64	
28051	Rock	0.86	1.83	18.52	1.93	19.2	<20	32.8	3.7	47	1.76	5.4	1.2	<0.1	8.2	16	0.05	0.67	0.29	251	0.16	
28052	Rock	0.85	0.71	13.55	5.61	38.1	<20	28.2	6.2	60	1.09	3.9	1.8	<0.1	10.0	10	0.33	0.84	0.10	329	0.22	
28053	Rock	0.70	0.91	2.28	3.28	35.1	<20	34.8	2.5	641	2.64	1.9	1.9	<0.1	13.6	41	0.18	1.45	<0.04	139	1.19	
28054	Rock	0.64	3.40	1.38	2.78	54.4	<20	1.2	1.9	571	2.33	1.4	1.4	<0.1	15.7	253	0.26	0.61	0.06	1	2.00	
28055	Rock	0.69	5.73	1.68	4.51	36.5	<20	1.0	2.7	462	3.18	3.9	3.0	<0.1	40.5	257	0.18	1.23	0.10	3	2.89	
28056	Rock	0.67	1.26	1.24	8.36	28.5	<20	1.0	1.9	447	2.10	1.9	1.5	<0.1	14.7	491	0.24	1.01	0.10	2	3.74	
28057	Rock	0.55	2.40	1.44	31.66	57.8	<20	0.4	2.6	702	2.72	6.5	1.8	<0.1	15.0	412	0.31	1.32	0.22	2	4.61	
28058	Rock	0.62	1.41	1.59	8.83	44.4	<20	0.7	1.7	841	2.12	11.3	1.5	<0.1	15.7	447	0.30	1.92	0.07	1	2.79	
28059	Rock	0.67	0.35	1.76	6.53	37.7	<20	1.0	2.1	479	2.94	12.1	2.6	<0.1	33.3	428	0.23	1.83	0.20	2	2.36	
28060	Rock	0.72	2.97	6.95	21.45	61.8	<20	0.7	1.2	917	2.31	4.8	1.9	<0.1	19.3	496	0.56	1.84	0.06	2	2.67	
28061	Rock	0.65	1.14	3.67	13.30	62.7	<20	0.5	2.5	1462	2.29	3.5	1.6	<0.1	20.4	747	0.64	2.10	0.09	1	4.50	
28062	Rock	0.63	0.87	0.96	19.36	32.1	<20	<0.1	1.3	642	1.89	3.9	1.5	<0.1	17.7	787	0.67	2.57	0.15	<1	4.57	
28063	Rock	0.82	2.06	1.00	30.19	34.5	<20	0.4	2.5	598	2.08	2.6	2.5	<0.1	17.6	691	0.61	2.66	0.09	3	4.62	
28064	Rock	0.60	5.38	17.08	21.66	35.1	<20	0.2	1.3	370	1.98	8.1	2.1	<0.1	17.2	686	0.58	2.19	0.09	1	3.37	
28065	Rock	0.71	4.86	11.57	10.73	36.5	<20	0.6	2.8	387	2.08	6.0	2.5	<0.1	14.2	602	0.39	1.47	0.10	2	2.76	
28066	Rock	0.69	1.30	1.79	9.88	27.7	<20	0.3	2.9	827	2.42	3.6	6.5	<0.1	19.8	598	0.41	2.36	0.07	2	4.97	
28067	Rock	0.67	3.64	1.80	33.27	81.8	<20	0.5	1.4	1928	2.26	1.3	2.1	<0.1	20.8	323	0.44	1.33	0.06	1	3.42	
28068	Rock	0.63	1.88	2.47	12.08	32.1	<20	0.6	2.0	563	2.77	3.4	3.8	<0.1	28.0	593	0.29	1.98	0.06	1	3.93	
28069	Rock	0.75	2.12	1.67	5.03	45.0	<20	1.3	1.5	408	2.36	4.5	2.8	<0.1	23.5	328	0.40	0.77	<0.04	3	1.49	
28070	Rock	0.70	1.73	3.20	8.75	35.1	<20	0.6	1.8	507	2.10	2.5	2.2	<0.1	18.0	542	0.27	1.69	0.06	2	2.62	
28071	Rock	0.67	0.69	1.05	8.16	29.1	<20	0.3	2.8	1130	2.92	0.9	2.0	<0.1	9.0	725	0.28	2.31	0.07	2	8.59	
28072	Rock	0.55	2.02	2.11	9.31	39.4	<20	24.1	7.8	657	2.52	1.0	2.4	<0.1	28.6	455	0.35	1.00	0.05	40	4.55	
25870	Rock	0.90	0.96	10.95	5.20	23.4	<20	3.3	2.1	341	1.85	1.9	4.4	<0.1	29.8	90	0.18	0.49	0.09	8	0.38	

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Project: True Blue  
 Report Date: November 01, 2010

Page: 4 of 8 Part 2

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	Unit	MDL	1T P	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
25919	Rock			0.048	75.0	2	0.25	971	0.360	9.79	4.291	3.65	4.9	110.3	10.0	5	1.5	<0.04	30.7	145.3	15.2	51.4	7.6
25920	Rock			0.029	153.8	1	0.19	528	0.272	7.96	3.649	2.66	2.3	77.5	17.2	8	1.2	<0.04	66.9	279.0	29.3	100.0	16.1
25921	Rock			0.034	124.5	3	0.16	429	0.278	7.27	5.458	1.88	3.0	102.2	12.4	7	1.4	<0.04	52.9	237.3	24.3	81.7	12.8
25922	Rock			0.033	143.9	2	0.19	309	0.242	8.35	5.545	1.18	2.6	67.2	17.5	12	1.5	<0.04	52.1	256.7	27.9	90.2	13.8
25923	Rock			0.028	203.1	2	0.22	399	0.211	7.76	5.314	1.79	3.2	118.5	19.6	12	1.5	<0.04	88.8	372.3	37.2	123.2	18.5
25924	Rock			0.028	132.9	1	0.21	521	0.269	8.16	4.041	3.68	1.7	127.3	14.0	8	1.0	<0.04	68.4	240.4	26.1	85.5	13.5
25925	Rock			0.029	141.1	2	0.34	408	0.249	7.63	4.080	2.10	3.1	95.4	13.4	6	1.0	<0.04	61.0	272.7	29.2	99.5	15.3
28051	Rock			0.086	20.1	40	0.76	723	0.110	4.70	1.580	1.61	1.1	49.8	0.8	2	7.7	<0.04	5.1	36.76	4.4	15.7	2.1
28052	Rock			0.066	7.1	51	0.61	898	0.218	5.68	0.886	2.23	3.8	61.0	1.5	3	9.0	<0.04	10.1	17.66	2.7	12.9	2.3
28053	Rock			0.080	50.6	90	2.59	645	0.412	6.80	2.176	2.81	3.9	27.6	6.8	4	10.7	<0.04	18.0	100.0	11.7	41.4	6.1
28054	Rock			0.028	45.8	<1	0.37	824	0.143	11.16	5.500	2.28	2.9	36.4	7.0	8	0.5	<0.04	35.4	89.75	9.4	35.0	6.8
28055	Rock			0.168	550.8	<1	0.66	2288	0.131	10.58	3.179	4.34	1.7	32.5	5.1	7	0.5	<0.04	62.5	814.7	61.4	194.5	24.7
28056	Rock			0.021	29.0	<1	0.42	967	0.145	11.47	4.274	2.51	1.1	31.4	6.4	7	0.5	<0.04	33.4	61.75	7.5	30.5	6.4
28057	Rock			0.008	42.0	<1	0.50	939	0.107	8.89	4.740	1.70	1.2	62.0	4.9	5	0.3	<0.04	24.7	69.02	7.2	28.4	6.5
28058	Rock			0.011	41.5	<1	0.38	1710	0.108	9.38	5.085	2.22	1.0	37.2	5.1	7	0.3	<0.04	30.9	80.77	8.3	32.0	5.9
28059	Rock			0.022	124.8	<1	0.51	3455	0.120	10.91	4.121	3.56	2.2	32.3	8.4	11	0.4	<0.04	72.1	224.4	19.9	73.6	12.8
28060	Rock			0.017	101.8	<1	0.23	1902	0.130	10.10	4.513	2.43	2.0	53.5	5.9	10	0.5	<0.04	29.5	188.3	17.5	60.9	8.6
28061	Rock			0.014	57.6	<1	0.14	1457	0.123	8.48	4.642	1.62	0.4	43.0	7.4	15	0.4	<0.04	40.1	125.1	12.6	50.1	8.9
28062	Rock			0.013	48.6	<1	0.08	1810	0.128	8.22	4.520	2.05	0.4	37.7	7.0	8	0.3	<0.04	37.7	117.4	12.5	49.1	8.0
28063	Rock			0.031	51.0	<1	0.15	2315	0.221	8.20	4.128	2.43	0.8	73.5	8.4	5	0.9	<0.04	46.0	132.0	14.3	56.9	10.0
28064	Rock			0.012	123.5	<1	0.09	2832	0.131	8.91	4.905	2.34	0.8	38.7	6.1	5	0.4	<0.04	33.3	204.1	18.8	68.3	10.6
28065	Rock			0.016	49.4	<1	0.16	1116	0.134	8.96	5.187	1.84	2.0	63.2	4.3	5	0.6	<0.04	24.7	100.6	10.0	36.6	5.8
28066	Rock			0.029	30.0	<1	0.18	1756	0.174	8.42	4.314	2.26	1.1	61.6	7.0	7	0.6	<0.04	51.4	87.43	10.4	45.4	9.1
28067	Rock			0.019	43.9	<1	0.17	966	0.141	8.81	5.205	1.63	1.6	80.6	5.9	18	0.7	<0.04	34.8	109.5	11.9	48.1	8.3
28068	Rock			0.020	73.3	<1	0.24	3030	0.140	9.33	4.378	2.60	0.9	62.7	6.2	5	0.5	<0.04	51.2	160.9	16.1	61.1	10.5
28069	Rock			0.015	89.9	<1	0.58	2788	0.123	11.36	4.590	2.98	1.5	29.2	4.0	7	0.3	<0.04	34.3	169.2	16.2	54.7	8.7
28070	Rock			0.033	82.3	<1	0.22	4482	0.239	8.83	3.930	3.93	0.9	79.7	5.0	6	0.6	<0.04	37.3	164.6	16.2	60.6	9.7
28071	Rock			0.008	18.5	<1	0.20	1439	0.133	9.42	3.505	1.56	1.1	55.4	6.6	8	0.5	<0.04	83.5	42.87	5.5	24.8	9.0
28072	Rock			0.040	23.3	71	0.99	1662	0.236	8.39	3.305	3.10	1.6	90.6	3.4	5	5.7	<0.04	24.8	48.78	5.6	22.6	4.3
25870	Rock			0.038	87.8	4	0.27	1290	0.313	7.61	4.733	2.62	3.7	85.9	8.3	7	2.4	<0.04	29.9	169.3	15.6	58.8	9.3

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Project: True Blue  
 Report Date: November 01, 2010

Page: 4 of 8 Part 3

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
25919	Rock	0.8	6.4	1.0	6.3	1.3	3.7	0.5	3.3	0.5	2.96	13.5	143.0	12.7	243.6	2.3	29.46	N.A.	N.A.	N.A.	N.A.
25920	Rock	1.2	14.3	2.1	12.5	2.4	6.7	0.8	5.4	0.8	2.30	27.3	136.1	15.1	262.1	1.9	35.02	N.A.	N.A.	N.A.	N.A.
25921	Rock	0.9	10.3	1.8	10.8	2.1	5.9	0.8	5.5	0.7	2.63	13.8	80.3	15.1	248.4	2.3	29.05	N.A.	N.A.	N.A.	N.A.
25922	Rock	1.0	11.3	1.7	10.0	1.9	5.5	0.7	5.1	0.7	1.99	15.9	70.0	12.3	209.1	1.1	31.57	N.A.	N.A.	N.A.	N.A.
25923	Rock	1.0	15.5	2.6	16.6	3.3	9.2	1.2	7.6	1.1	3.13	10.6	77.5	16.6	275.2	1.0	32.93	N.A.	N.A.	N.A.	N.A.
25924	Rock	0.8	11.2	2.0	13.0	2.5	7.4	0.9	6.0	0.8	3.12	6.8	179.9	17.6	316.2	1.7	32.30	N.A.	N.A.	N.A.	N.A.
25925	Rock	1.1	13.2	2.1	12.5	2.3	6.5	0.9	5.7	0.8	2.44	12.3	122.8	16.5	298.9	1.7	30.30	N.A.	N.A.	N.A.	N.A.
28051	Rock	0.2	1.9	0.2	1.0	0.2	0.5	<0.1	0.6	<0.1	1.36	9.1	57.7	0.2	4.07	0.5	13.39	N.A.	N.A.	N.A.	N.A.
28052	Rock	0.1	2.3	0.3	1.7	0.3	1.1	0.2	1.2	0.2	1.66	31.1	90.5	0.5	18.91	1.2	13.32	N.A.	N.A.	N.A.	N.A.
28053	Rock	0.8	5.0	0.7	4.0	0.7	1.9	0.2	1.4	0.2	0.77	25.4	123.8	3.5	71.66	1.5	20.66	N.A.	N.A.	N.A.	N.A.
28054	Rock	0.7	6.5	1.2	7.6	1.5	3.9	0.5	3.6	0.5	1.24	12.2	59.4	12.2	318.3	1.3	36.33	N.A.	N.A.	N.A.	N.A.
28055	Rock	1.3	14.6	2.4	12.9	2.4	6.3	0.8	5.0	0.7	0.99	10.4	78.4	11.0	242.0	1.7	38.90	2103	6	2.4	1.6
28056	Rock	0.6	6.4	1.1	7.2	1.4	3.9	0.5	3.6	0.5	1.22	9.5	48.1	12.4	300.7	1.1	38.62	N.A.	N.A.	N.A.	N.A.
28057	Rock	0.8	5.7	0.9	5.1	1.0	2.8	0.4	2.5	0.4	1.94	14.8	44.2	10.8	251.5	1.0	33.97	N.A.	N.A.	N.A.	N.A.
28058	Rock	0.6	5.8	1.0	6.3	1.3	3.5	0.4	3.0	0.4	1.20	10.5	55.1	12.7	277.0	1.2	36.07	N.A.	N.A.	N.A.	N.A.
28059	Rock	0.6	11.0	2.1	14.3	3.0	8.6	1.2	8.3	1.0	1.23	14.9	85.9	18.8	459.3	1.9	39.82	N.A.	N.A.	N.A.	N.A.
28060	Rock	0.5	6.8	1.0	6.0	1.2	3.2	0.4	3.0	0.4	1.52	8.5	70.0	13.8	280.4	0.8	37.36	N.A.	N.A.	N.A.	N.A.
28061	Rock	0.7	7.6	1.3	8.2	1.7	4.4	0.6	4.3	0.6	1.67	1.9	30.3	14.4	284.3	0.3	36.48	N.A.	N.A.	N.A.	N.A.
28062	Rock	0.5	7.1	1.3	8.2	1.6	4.6	0.6	4.1	0.5	1.60	0.9	32.5	14.1	324.5	0.4	40.25	N.A.	N.A.	N.A.	N.A.
28063	Rock	0.8	8.6	1.4	9.1	1.9	5.1	0.7	4.6	0.6	2.32	1.4	56.5	13.7	333.0	0.3	38.34	N.A.	N.A.	N.A.	N.A.
28064	Rock	0.6	9.0	1.2	7.0	1.4	3.7	0.5	3.2	0.5	1.56	3.0	48.8	14.8	305.0	0.5	36.45	N.A.	N.A.	N.A.	N.A.
28065	Rock	0.6	4.4	0.7	4.8	1.0	2.6	0.4	2.6	0.3	1.89	7.6	45.5	8.5	182.9	0.7	33.92	N.A.	N.A.	N.A.	N.A.
28066	Rock	0.8	9.1	1.6	10.0	2.1	5.8	0.8	5.2	0.7	2.33	1.2	42.7	19.8	424.7	0.3	38.24	N.A.	N.A.	N.A.	N.A.
28067	Rock	0.6	7.0	1.2	7.4	1.4	4.0	0.6	4.3	0.6	2.37	4.0	39.3	13.3	296.7	0.6	35.95	N.A.	N.A.	N.A.	N.A.
28068	Rock	0.6	10.0	1.7	10.7	2.1	5.9	0.8	4.8	0.7	2.25	4.5	64.7	16.6	342.4	1.4	38.49	N.A.	N.A.	N.A.	N.A.
28069	Rock	0.4	6.7	1.1	7.5	1.4	4.2	0.5	3.5	0.4	1.13	13.3	102.5	16.2	309.9	1.2	34.94	N.A.	N.A.	N.A.	N.A.
28070	Rock	0.4	8.0	1.3	7.4	1.5	4.0	0.5	3.7	0.5	2.91	4.3	96.1	12.4	272.2	1.3	32.06	N.A.	N.A.	N.A.	N.A.
28071	Rock	1.1	12.3	2.6	16.4	3.3	9.1	1.2	7.7	1.0	2.06	1.8	34.5	11.4	308.6	0.5	41.00	N.A.	N.A.	N.A.	N.A.
28072	Rock	0.4	4.4	0.7	4.4	0.9	2.6	0.4	2.5	0.4	2.75	6.6	98.6	9.6	188.8	0.6	28.41	N.A.	N.A.	N.A.	N.A.
25870	Rock	1.0	7.1	1.1	6.1	1.2	3.3	0.4	3.4	0.5	2.87	7.5	94.3	8.4	162.0	1.7	29.51	N.A.	N.A.	N.A.	N.A.

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Client: **Great Western Minerals Group Ltd.**  
 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 4 of 8 Part 4

CERTIFICATE OF ANALYSIS

WHI1000083.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		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	0.05	0.02	0.05	
25919	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25920	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25921	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25922	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25923	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25924	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25925	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28051	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28052	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28053	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28054	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28055	Rock	34.5	14.3	220.3	90.0	5	258.5	11.5	51.5	5.0	<8	1.5	639.4	80.8	555.1	749.1	63.68	208.5	24.87	1.62	16.27
28056	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28057	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28058	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28059	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28060	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28061	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28062	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28063	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28064	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28065	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28066	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28067	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28068	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28069	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28070	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28071	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
28072	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25870	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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**Client:** Great Western Minerals Group Ltd.  
 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

**Project:** True Blue  
**Report Date:** November 01, 2010

**Page:** 4 of 8 **Part** 5

**CERTIFICATE OF ANALYSIS**

**WHI10000083.2**

Method	Analyte	4B	4B	4B	4B	4B	4B	4B
		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
25919	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25920	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25921	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25922	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25923	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25924	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25925	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28051	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28052	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28053	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28054	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28055	Rock	2.66	13.22	2.37	6.81	1.07	6.18	0.91
28056	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28057	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28058	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28059	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28060	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28061	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28062	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28063	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28064	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28065	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28066	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28067	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28068	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28069	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28070	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28071	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28072	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25870	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Client: **Great Western Minerals Group Ltd.**  
 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 5 of 8 Part 1

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
25871	Rock	0.94	1.23	7.18	7.01	35.4	<20	1.9	2.5	330	2.44	2.2	4.9	<0.1	28.0	85	0.23	0.42	0.07	4	0.55
25872	Rock	0.96	1.44	5.51	4.54	38.1	<20	3.3	2.5	383	2.58	2.5	5.3	<0.1	31.1	94	0.27	0.54	0.05	11	0.65
25873	Rock	0.91	0.70	4.42	20.94	54.7	<20	2.0	2.6	438	2.81	0.9	3.1	<0.1	20.6	210	0.28	0.46	0.11	5	1.79
25874	Rock	0.91	0.72	4.29	10.31	39.9	<20	2.8	2.8	585	3.39	2.2	6.2	<0.1	34.6	277	0.21	0.45	0.11	18	2.03
25875	Rock	0.94	1.49	3.79	6.60	66.5	<20	15.3	3.0	587	2.90	2.3	4.3	<0.1	29.6	170	0.35	0.47	0.09	35	1.40
25876	Rock	1.01	1.12	3.19	8.85	35.7	<20	10.3	3.5	536	2.94	1.8	3.8	<0.1	31.3	174	0.21	0.59	0.10	28	2.11
25877	Rock	0.91	1.09	7.67	9.63	36.4	<20	1.6	1.7	220	1.60	8.3	2.5	<0.1	20.3	134	0.14	0.83	0.09	3	0.31
25878	Rock	0.50	10.94	1.79	6.55	76.6	<20	8.0	3.0	658	2.21	0.9	2.0	<0.1	11.2	66	0.13	0.41	0.14	130	6.47
25879	Rock	0.56	27.00	4.08	4.77	107.9	<20	8.5	2.0	465	3.30	1.3	4.9	<0.1	25.1	60	0.26	0.57	0.13	125	0.36
25880	Rock	0.51	10.26	4.59	4.40	113.8	<20	14.7	2.1	601	3.95	1.2	2.6	<0.1	21.2	52	0.20	0.42	0.11	168	0.62
25881	Rock	0.67	11.08	4.27	7.31	100.7	<20	13.8	5.3	676	2.84	6.8	31.0	<0.1	169.4	88	0.40	0.56	1.19	226	1.22
25882	Rock	0.63	7.15	2.47	2.04	18.7	<20	12.0	1.4	103	0.69	1.1	1.3	<0.1	18.0	44	0.10	0.26	0.09	264	0.20
25883	Rock	0.52	4.38	3.48	1.92	31.7	<20	44.2	2.5	189	1.02	5.6	3.0	<0.1	17.5	51	0.12	0.28	0.30	219	0.39
25884	Rock	0.53	4.54	4.50	2.32	63.1	<20	63.3	4.1	502	2.07	2.4	12.1	<0.1	39.6	26	0.26	0.56	0.26	227	0.52
25885	Rock	0.60	9.30	1.21	1.84	37.6	<20	6.9	1.2	587	1.29	1.8	0.8	<0.1	10.5	14	0.29	0.30	0.05	255	1.07
25886	Rock	1.16	15.37	2.10	49.79	57.6	<20	16.9	4.2	416	1.91	0.9	14.3	<0.1	369.1	108	0.25	0.51	0.16	1019	4.70
25892	Rock	0.70	11.95	93.28	67.99	6100	890	60.6	6.2	2671	6.71	20.9	0.9	<0.1	8.7	61	40.98	2.80	0.80	135	9.49
25893	Rock	0.62	46.30	4.24	8.24	78.8	<20	26.6	2.4	507	1.42	3.5	5.6	<0.1	291.7	54	0.50	0.95	0.23	643	1.06
25894	Rock	0.63	4.36	1.51	2.45	43.2	<20	8.5	1.5	588	1.17	1.1	1.1	<0.1	8.5	29	0.30	0.46	0.05	87	2.88
25895	Rock	0.65	38.83	1.63	1.78	13.9	<20	7.3	1.8	247	0.69	1.4	0.7	<0.1	6.2	26	0.08	0.42	0.15	66	0.53
25896	Rock	0.64	4.12	4.11	4.48	26.1	<20	22.1	5.0	876	1.92	7.9	0.8	<0.1	11.1	43	0.13	0.84	1.14	306	4.55
25897	Rock	0.69	6.02	5.18	4.70	46.8	<20	12.3	1.3	172	0.53	1.4	0.8	<0.1	6.9	33	0.41	0.57	0.18	127	0.85
25898	Rock	0.81	2.95	10.96	4.79	357.8	<20	53.5	8.3	300	1.38	3.6	0.9	<0.1	11.2	41	1.94	0.83	0.29	244	1.87
25899	Rock	1.03	2.15	11.63	6.83	23.4	40	33.3	3.0	79	0.95	2.6	2.1	<0.1	10.5	29	0.27	0.90	0.16	288	0.42
25900	Rock	0.84	1.60	14.80	3.27	18.6	25	35.3	5.1	66	1.06	2.8	1.7	<0.1	11.4	21	0.14	0.81	0.15	328	0.24
25740	Rock	1.15	6.55	1.43	4.01	32.7	<20	2.0	2.6	339	3.33	1.1	5.3	<0.1	31.3	79	0.23	0.61	0.07	4	0.41
25741	Rock	1.21	4.53	2.23	2.40	29.4	<20	15.0	2.8	407	3.00	1.3	2.2	<0.1	14.2	71	0.12	0.87	0.14	113	0.41
25742	Rock	1.17	4.14	1.04	2.51	26.6	<20	1.1	1.7	270	5.46	0.9	6.8	<0.1	23.7	97	0.09	0.63	<0.04	2	0.30
25743	Rock	1.15	5.58	6.14	16.60	104.1	<20	0.9	0.7	659	2.48	1.9	4.6	<0.1	33.8	35	0.42	0.64	0.22	<1	0.17
25744	Rock	0.99	8.52	15.04	37.41	371.6	*	4.0	2.9	434	1.92	5.8	4.9	<0.1	33.7	30	1.44	2.89	0.25	2	1.50

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 5 of 8 Part 2

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	Unit	MDL	1T P	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
25871	Rock			0.038	83.1	<1	0.50	908	0.283	7.52	5.256	2.56	3.4	96.6	11.3	9	1.8	<0.04	44.3	181.7	17.3	65.1	11.0
25872	Rock			0.042	91.4	5	0.56	711	0.339	7.98	5.601	2.00	3.4	95.1	10.1	10	2.5	<0.04	47.3	191.7	18.7	73.6	11.9
25873	Rock			0.064	63.3	<1	0.68	1932	0.475	8.80	4.777	2.52	2.0	70.9	10.0	10	2.7	<0.04	61.3	166.8	18.5	76.0	13.5
25874	Rock			0.085	124.8	1	0.70	1704	0.576	7.86	4.563	2.73	1.8	84.1	9.4	7	3.4	<0.04	66.4	259.0	25.4	96.2	15.0
25875	Rock			0.038	59.3	34	0.99	3533	0.451	7.68	3.507	3.20	2.0	95.7	10.3	11	5.1	<0.04	58.9	157.1	17.7	70.1	13.5
25876	Rock			0.049	63.5	13	0.63	1834	0.456	7.57	3.707	3.69	1.8	92.5	14.4	8	4.1	<0.04	59.5	182.1	18.8	77.9	13.7
25877	Rock			0.027	24.1	2	0.11	2254	0.267	7.48	3.424	3.73	4.6	42.6	9.6	3	1.2	<0.04	13.0	85.32	7.1	27.1	4.5
25878	Rock			0.056	29.3	28	4.10	320	0.192	4.82	2.948	1.31	3.5	46.7	1.7	2	5.1	<0.04	27.6	61.63	7.1	29.4	5.5
25879	Rock			0.064	107.3	27	0.68	307	0.393	6.40	5.153	1.47	12.9	62.1	2.8	4	4.4	<0.04	76.4	214.0	21.2	80.5	14.5
25880	Rock			0.085	65.5	46	0.72	738	0.361	7.08	3.894	2.22	5.8	50.5	5.3	8	5.6	<0.04	29.5	150.8	13.7	52.1	8.1
25881	Rock			0.040	445.2	49	1.19	832	0.274	5.86	3.461	1.99	11.3	292.5	18.0	23	14.0	0.19	215.4	883.1	82.2	271.2	46.8
25882	Rock			0.029	9.2	38	0.70	376	0.255	5.15	3.732	1.38	4.0	58.1	1.5	4	9.2	<0.04	26.4	28.18	4.1	20.5	5.0
25883	Rock			0.062	22.5	35	0.41	205	0.194	5.62	3.996	0.87	3.3	62.9	2.6	4	3.8	<0.04	19.4	48.17	5.3	21.2	3.8
25884	Rock			0.049	124.7	39	0.52	290	0.152	6.07	3.399	1.06	7.3	115.5	7.6	3	3.6	0.15	111.1	252.2	25.9	102.3	19.8
25885	Rock			0.079	44.9	35	0.46	398	0.139	5.99	0.173	2.72	4.6	34.8	2.9	5	7.1	0.04	11.6	86.17	8.5	31.0	4.4
25886	Rock			0.008	40.6	139	3.10	195	0.107	2.64	1.475	1.16	4.5	153.9	1.9	26	72.9	<0.04	72.5	94.18	11.5	51.4	11.1
25892	Rock			0.046	87.8	24	2.27	78	0.042	3.05	0.073	1.43	2.0	17.7	2.2	3	7.3	3.26	28.9	151.3	16.8	64.1	11.8
25893	Rock			0.101	196.4	96	1.19	322	0.298	5.92	2.379	1.23	7.8	44.9	2.4	5	31.6	<0.04	43.5	309.2	27.9	94.8	15.0
25894	Rock			0.013	24.5	32	1.33	490	0.124	5.77	0.506	2.29	1.4	44.0	2.1	3	4.2	0.07	8.7	43.82	4.8	18.3	2.9
25895	Rock			0.011	9.4	14	0.43	516	0.147	5.79	1.335	2.35	1.7	34.0	2.2	4	1.8	0.04	4.2	15.07	1.5	5.8	0.8
25896	Rock			0.115	35.0	52	1.07	347	0.117	6.47	0.250	2.93	3.5	41.7	3.9	3	9.8	0.25	12.7	64.27	7.8	29.7	4.4
25897	Rock			0.030	20.0	15	0.56	266	0.176	5.81	2.843	1.44	2.4	40.5	1.5	2	3.0	<0.04	4.9	34.17	3.7	12.7	1.9
25898	Rock			0.079	14.0	40	0.94	730	0.148	5.67	1.691	1.85	1.6	30.6	1.0	2	7.6	0.11	6.5	26.36	3.0	11.2	1.8
25899	Rock			0.083	33.4	44	0.76	3236	0.215	5.56	1.148	2.55	1.7	64.1	0.9	2	8.2	<0.04	7.9	60.50	7.4	26.9	4.3
25900	Rock			0.084	29.6	46	0.67	1521	0.178	5.76	1.924	2.22	2.1	65.3	0.8	3	9.6	<0.04	6.8	55.20	6.9	23.2	3.6
25740	Rock			0.042	90.8	3	0.58	1145	0.257	8.26	5.231	2.83	3.6	76.2	6.5	7	1.4	<0.04	43.8	158.8	17.1	56.1	9.0
25741	Rock			0.090	49.4	21	1.02	1019	0.300	6.97	3.398	2.57	3.5	56.7	6.1	5	4.5	<0.04	23.5	88.98	9.7	33.5	5.6
25742	Rock			0.025	68.8	2	0.77	1227	0.169	8.06	4.657	2.60	4.8	31.5	12.8	8	1.0	<0.04	39.3	140.0	14.5	48.0	8.1
25743	Rock			0.024	114.1	2	0.19	399	0.123	7.99	5.318	2.12	2.8	121.1	8.0	4	1.2	<0.04	23.9	237.0	24.0	81.0	11.4
25744	Rock			0.026	124.0	2	0.77	365	0.180	7.72	0.427	6.49	2.5	155.0	7.7	3	1.3	0.57	26.6	246.7	27.4	97.2	15.3

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Project: True Blue  
 Report Date: November 01, 2010

Page: 5 of 8 Part 3

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
25871	Rock	0.8	8.8	1.6	9.9	1.8	5.0	0.7	4.8	0.7	3.12	12.4	95.5	10.6	193.2	1.0	30.59	N.A.	N.A.	N.A.	N.A.
25872	Rock	1.1	9.1	1.6	9.1	1.8	5.2	0.7	4.8	0.7	3.21	11.2	89.9	11.6	232.0	1.8	33.86	N.A.	N.A.	N.A.	N.A.
25873	Rock	1.9	11.6	1.9	12.1	2.4	6.2	0.9	5.8	0.8	2.10	6.9	81.3	9.6	200.0	1.5	31.72	N.A.	N.A.	N.A.	N.A.
25874	Rock	2.0	12.0	2.1	12.8	2.6	6.9	0.9	6.2	0.8	2.31	5.3	87.3	12.5	257.5	0.9	33.72	N.A.	N.A.	N.A.	N.A.
25875	Rock	0.4	11.5	2.0	12.1	2.4	6.4	0.8	5.8	0.8	3.07	9.5	114.4	14.3	326.0	1.8	31.47	N.A.	N.A.	N.A.	N.A.
25876	Rock	0.8	11.6	2.0	12.1	2.3	6.2	0.8	5.6	0.8	2.97	4.3	113.4	12.2	280.7	0.9	31.41	N.A.	N.A.	N.A.	N.A.
25877	Rock	<0.1	3.4	0.5	2.9	0.6	1.6	0.2	1.7	0.2	1.52	4.9	139.6	7.9	158.0	1.0	30.18	N.A.	N.A.	N.A.	N.A.
25878	Rock	0.6	5.3	0.9	5.3	1.0	2.6	0.3	2.1	0.3	1.11	13.1	66.1	3.9	80.94	1.3	18.56	N.A.	N.A.	N.A.	N.A.
25879	Rock	1.6	13.4	2.6	16.6	3.1	8.2	1.0	6.0	0.7	1.58	17.8	85.7	24.1	450.0	1.8	30.04	N.A.	N.A.	N.A.	N.A.
25880	Rock	0.7	6.1	1.0	5.8	1.1	2.9	0.4	2.5	0.3	1.18	24.8	107.4	6.2	170.3	1.9	33.24	N.A.	N.A.	N.A.	N.A.
25881	Rock	4.6	38.3	6.6	38.8	7.2	18.1	2.1	12.7	1.4	5.52	24.0	105.6	25.3	942.8	2.2	43.16	710	21	4.2	1.8
25882	Rock	0.3	4.8	0.9	5.8	1.1	2.9	0.4	2.5	0.3	1.58	12.8	40.6	7.6	158.8	0.7	23.92	N.A.	N.A.	N.A.	N.A.
25883	Rock	0.4	3.4	0.6	3.8	0.8	2.0	0.3	1.7	0.2	1.53	7.0	35.1	4.6	149.0	0.3	20.55	N.A.	N.A.	N.A.	N.A.
25884	Rock	2.1	19.9	3.9	24.3	4.6	11.3	1.3	7.4	0.8	2.38	10.1	45.9	27.1	555.6	0.4	29.26	N.A.	N.A.	N.A.	N.A.
25885	Rock	0.5	2.8	0.4	2.2	0.4	1.0	0.1	0.9	0.1	0.97	8.9	96.1	0.5	17.37	0.8	18.39	N.A.	N.A.	N.A.	N.A.
25886	Rock	0.5	10.9	1.9	12.2	2.6	7.1	0.9	6.3	0.9	3.53	30.6	70.4	12.1	120.7	2.8	24.08	188	23	4.0	2.7
25892	Rock	1.5	11.2	1.5	7.2	1.0	2.1	0.2	1.8	0.3	0.48	9.9	62.0	0.2	5.83	0.8	9.76	N.A.	N.A.	N.A.	N.A.
25893	Rock	1.5	11.2	1.6	9.3	1.5	3.8	0.5	3.3	0.4	1.34	17.0	54.9	6.7	139.2	0.7	18.24	N.A.	N.A.	N.A.	N.A.
25894	Rock	0.4	2.2	0.3	1.8	0.3	0.9	0.1	1.0	0.2	1.21	8.4	70.9	1.0	38.97	0.7	17.68	N.A.	N.A.	N.A.	N.A.
25895	Rock	0.1	0.8	0.1	0.7	0.2	0.4	<0.1	0.5	<0.1	0.94	6.6	67.4	1.3	53.69	0.7	15.54	N.A.	N.A.	N.A.	N.A.
25896	Rock	0.5	3.4	0.4	2.2	0.4	0.9	0.1	1.0	0.1	1.15	11.0	97.5	0.3	7.49	1.0	17.98	N.A.	N.A.	N.A.	N.A.
25897	Rock	0.3	1.2	0.2	1.0	0.2	0.5	<0.1	0.6	0.1	1.15	4.7	50.0	1.1	36.49	0.5	15.44	N.A.	N.A.	N.A.	N.A.
25898	Rock	0.2	1.3	0.2	1.1	0.2	0.6	<0.1	0.6	<0.1	0.82	6.7	65.3	0.3	8.98	0.6	12.79	N.A.	N.A.	N.A.	N.A.
25899	Rock	0.2	3.3	0.3	1.8	0.3	0.8	0.1	1.0	0.2	1.76	13.7	91.9	0.5	7.34	0.7	15.06	N.A.	N.A.	N.A.	N.A.
25900	Rock	0.4	2.5	0.3	1.3	0.2	0.6	<0.1	0.8	0.1	1.82	9.5	85.0	0.3	5.77	0.7	17.03	N.A.	N.A.	N.A.	N.A.
25740	Rock	1.1	7.5	1.5	8.4	1.8	4.6	0.6	3.8	0.4	1.59	35.7	110.3	9.9	181.7	1.6	30.81	N.A.	N.A.	N.A.	N.A.
25741	Rock	0.8	5.0	0.8	4.7	0.9	2.2	0.3	1.8	0.2	1.34	44.3	141.7	3.2	71.63	2.0	23.04	N.A.	N.A.	N.A.	N.A.
25742	Rock	0.7	7.6	1.4	8.3	1.6	4.8	0.6	4.0	0.5	0.76	29.5	106.2	12.2	212.1	1.5	37.15	N.A.	N.A.	N.A.	N.A.
25743	Rock	0.6	7.2	1.0	6.1	1.0	2.7	0.3	2.5	0.4	2.72	10.4	82.6	8.6	165.0	0.7	37.73	N.A.	N.A.	N.A.	N.A.
25744	Rock	1.1	9.5	1.3	6.6	1.1	2.8	0.4	2.9	0.4	3.78	12.4	191.8	9.4	180.3	0.8	30.93	N.A.	N.A.	N.A.	N.A.

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Project: True Blue  
 Report Date: November 01, 2010

Page: 5 of 8 Part 4

CERTIFICATE OF ANALYSIS

WHI1000083.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		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	0.02	0.05
25871	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25872	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25873	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25874	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25875	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25876	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25877	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25878	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25879	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25880	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25881	Rock	36.3	52.1	1013	99.5	19	93.1	39.6	164.6	39.7	197	15.6	2284	240.7	350.1	642.5	65.93	256.6	42.13	4.37	37.14
25882	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25883	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25884	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25885	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25886	Rock	21.2	119.3	154.0	67.0	2	107.0	18.9	325.0	23.5	869	5.7	5456	98.7	36.3	81.8	10.00	43.8	9.86	0.52	9.83
25892	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25893	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25894	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25895	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25896	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25897	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25898	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25899	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25900	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25740	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25741	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25742	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25743	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25744	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 5 of 8 Part 5

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B
		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
25871	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25872	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25873	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25874	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25875	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25876	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25877	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25878	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25879	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25880	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25881	Rock	6.59	34.71	6.55	19.07	3.07	18.32	2.50
25882	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25883	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25884	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25885	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25886	Rock	1.99	12.17	2.67	9.18	1.69	11.35	1.90
25892	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25893	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25894	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25895	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25896	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25897	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25898	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25899	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25900	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25740	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25741	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25742	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25743	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25744	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Client: **Great Western Minerals Group Ltd.**  
 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 6 of 8 Part 1

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
25745	Rock	1.20	20.80	2.43	3.87	69.6	<20	1.2	1.5	624	2.74	1.4	2.3	<0.1	23.0	69	0.46	0.46	0.09	1	0.12
25746	Rock	0.92	6.33	17.47	84.16	103.3	<20	4.8	3.7	483	2.22	7.1	10.6	<0.1	59.6	35	0.43	4.56	0.24	1	1.84
25747	Rock	1.07	5.39	2.77	11.81	25.0	<20	2.7	1.1	730	2.68	1.0	7.4	<0.1	36.5	42	0.26	0.59	0.18	3	0.35
25748	Rock	1.04	4.60	5.05	6.04	29.7	<20	2.7	1.7	704	2.54	1.7	8.7	<0.1	50.7	51	0.29	0.65	0.10	<1	0.26
25749	Rock	0.91	3.01	4.12	6.02	52.8	<20	1.3	1.5	529	2.23	2.3	7.3	<0.1	47.9	23	0.36	0.72	0.16	<1	0.09
25750	Rock	0.96	3.75	8.12	15.82	154.7	<20	3.0	2.4	552	1.74	2.2	6.1	<0.1	46.8	20	0.74	0.75	0.09	4	0.06
25851	Rock	0.91	1.54	2.81	10.53	51.9	<20	2.8	1.5	468	1.48	4.2	3.7	<0.1	44.1	101	0.41	0.77	0.09	3	0.24
25852	Rock	0.91	0.70	3.60	13.91	48.5	<20	1.7	1.8	379	1.91	2.7	4.1	<0.1	33.6	161	0.21	0.80	0.10	5	0.56
25853	Rock	0.91	0.87	3.64	6.39	41.8	<20	1.4	2.0	313	2.51	2.7	6.3	<0.1	51.3	107	0.21	0.40	0.09	3	0.52
25854	Rock	0.88	1.34	3.38	15.06	329.8	<20	2.5	2.1	332	2.55	5.7	5.4	<0.1	31.6	133	1.05	0.46	0.06	5	0.45
25855	Rock	0.98	2.06	3.70	35.66	213.5	<20	2.5	1.8	407	1.72	7.8	5.7	<0.1	66.5	53	1.79	1.43	0.06	6	0.20
25856	Rock	0.87	7.50	4.88	239.4	300.1	<20	4.6	2.3	431	2.44	9.9	4.7	<0.1	24.8	161	2.02	0.82	0.08	11	0.53
25857	Rock	0.83	0.86	5.04	13.17	45.7	<20	3.5	2.7	451	1.65	1.8	4.8	<0.1	40.3	95	0.26	0.48	0.09	7	0.53
25858	Rock	1.00	2.42	3.59	7.46	44.9	<20	1.6	2.4	636	3.13	1.1	4.0	<0.1	30.3	65	0.14	0.76	0.08	4	0.53
25859	Rock	0.97	1.58	4.77	14.95	49.2	<20	1.4	2.6	734	3.64	2.4	10.7	<0.1	59.6	124	0.31	0.76	0.15	1	1.34
25860	Rock	0.87	1.28	7.12	8.55	33.3	<20	10.8	3.0	309	2.04	2.0	8.6	<0.1	76.0	133	0.17	0.47	0.09	19	0.84
25861	Rock	0.93	0.95	4.68	7.65	40.9	<20	15.2	5.3	486	3.22	2.1	3.8	<0.1	30.3	92	0.17	0.37	0.09	22	0.92
25862	Rock	0.93	1.44	29.77	11.27	34.7	<20	2.2	5.6	362	2.47	2.2	4.3	<0.1	25.0	114	0.19	0.70	0.13	7	0.58
25863	Rock	0.93	1.37	5.78	3.33	24.4	<20	1.9	2.5	338	2.26	0.6	5.7	<0.1	33.0	61	0.22	0.42	0.09	6	0.69
25864	Rock	1.03	0.56	3.56	5.26	20.7	<20	2.4	2.2	374	1.91	2.8	5.9	<0.1	40.4	98	0.14	0.38	0.10	7	0.54
25865	Rock	0.98	1.71	9.24	6.67	28.6	<20	1.4	1.6	567	2.42	1.1	6.3	<0.1	42.4	64	0.19	0.90	0.06	4	0.68
25866	Rock	0.92	3.68	3.89	3.79	25.3	<20	2.1	2.1	392	2.47	0.9	4.8	<0.1	30.0	71	0.15	0.66	<0.04	4	0.39
25867	Rock	0.97	0.97	7.90	5.85	17.8	<20	2.2	1.9	309	1.20	3.5	5.8	<0.1	51.1	80	0.16	0.48	0.10	5	0.38
25868	Rock	0.89	1.43	7.52	6.93	31.1	<20	1.9	2.9	412	2.08	1.7	10.1	<0.1	49.0	97	0.24	0.55	0.12	6	0.42
25869	Rock	0.98	0.90	4.32	6.40	41.3	<20	1.8	2.1	306	2.53	1.2	5.3	<0.1	35.4	63	0.24	0.40	0.09	4	0.34
25713	Rock	1.19	1.76	15.58	1.10	47.5	97	11.6	7.5	665	3.71	7.1	1.7	<0.1	5.9	51	0.14	0.60	0.13	14	8.17
25714	Rock	1.13	0.18	30.18	0.71	306.9	88	31.9	27.1	558	4.03	8.5	2.9	<0.1	1.7	48	0.23	0.88	1.65	37	9.46
25715	Rock	1.40	0.13	31.13	10.88	797.2	130	26.7	18.9	1343	5.53	5.3	29.4	<0.1	9.9	91	0.67	3.99	1.68	105	16.36
25716	Rock	1.48	0.20	18.27	12.27	218.3	*	9.8	6.6	1048	3.46	6.1	32.5	*	27.0	71	0.40	3.17	1.90	44	13.79
25717	Rock	1.39	0.09	2.24	8.41	124.1	158	7.7	7.2	1068	4.77	3.1	23.2	<0.1	12.9	57	0.18	7.66	0.94	64	12.35

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 6 of 8 Part 2

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	Unit	MDL	1T P	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
25745	Rock			0.034	95.3	<1	0.16	410	0.123	8.59	5.644	1.79	2.2	94.9	6.9	4	1.2	0.06	13.7	193.7	19.8	70.1	10.1
25746	Rock			0.024	209.1	2	0.72	1290	0.177	8.10	1.415	5.75	3.3	129.7	13.6	6	1.5	0.40	41.9	395.3	40.9	141.5	20.6
25747	Rock			0.029	178.6	8	0.29	285	0.191	8.25	4.963	2.15	2.5	131.8	8.6	6	2.1	<0.04	36.8	355.5	37.8	129.4	19.2
25748	Rock			0.029	193.0	1	0.26	284	0.174	8.05	5.499	1.77	3.6	127.2	9.4	5	1.0	0.05	45.5	381.8	39.1	134.8	19.0
25749	Rock			0.023	161.1	2	0.25	197	0.164	7.50	4.641	2.00	3.0	170.3	10.2	6	1.5	0.09	36.8	340.8	35.2	121.4	17.7
25750	Rock			0.026	164.4	3	0.25	1222	0.179	7.96	3.149	4.08	2.4	138.1	8.5	6	1.8	<0.04	36.1	345.2	35.3	122.8	17.2
25851	Rock			0.025	168.4	2	0.24	2365	0.242	8.24	3.312	4.89	2.8	60.2	20.4	6	1.1	<0.04	42.0	369.0	27.5	87.4	11.8
25852	Rock			0.045	96.5	2	0.25	2332	0.352	8.30	3.726	5.69	1.7	99.1	11.7	8	1.6	<0.04	37.6	188.3	18.3	60.6	9.4
25853	Rock			0.032	151.4	3	0.59	1569	0.297	7.74	4.391	3.51	2.2	91.5	13.5	11	1.3	<0.04	59.7	283.7	27.6	94.2	14.4
25854	Rock			0.046	65.0	2	0.47	1699	0.312	8.10	4.455	3.74	1.3	149.9	8.9	7	1.6	<0.04	36.8	148.0	14.9	53.6	8.5
25855	Rock			0.019	102.1	4	0.33	1772	0.244	7.01	2.014	4.99	1.7	47.0	17.0	8	1.0	<0.04	68.6	225.6	22.8	83.1	13.8
25856	Rock			0.060	144.3	9	0.41	1700	0.385	7.98	4.644	3.11	6.2	98.5	8.8	7	2.9	<0.04	38.5	293.6	27.6	92.4	13.0
25857	Rock			0.033	110.4	5	0.27	818	0.263	7.77	5.923	2.18	2.6	59.6	10.1	7	1.8	<0.04	40.5	236.0	20.9	67.6	10.2
25858	Rock			0.035	62.1	2	0.29	1330	0.356	7.84	4.002	3.72	3.1	98.5	12.6	5	1.6	<0.04	38.8	147.3	15.1	55.1	8.9
25859	Rock			0.031	165.4	2	0.32	1599	0.322	7.85	3.913	4.20	2.6	108.0	9.7	7	1.9	<0.04	64.3	317.6	29.3	94.0	14.0
25860	Rock			0.043	80.7	22	0.84	741	0.410	7.67	5.402	1.92	2.2	103.4	13.3	10	3.4	<0.04	56.3	197.1	18.8	67.8	11.6
25861	Rock			0.042	109.1	29	0.73	894	0.384	7.93	4.297	4.23	2.2	87.2	7.2	6	3.8	<0.04	48.4	208.3	20.7	71.6	10.8
25862	Rock			0.048	83.4	4	0.60	1278	0.364	8.15	5.046	3.51	1.5	62.4	8.6	7	2.1	<0.04	44.6	178.9	18.3	63.9	10.0
25863	Rock			0.056	137.6	2	0.32	779	0.328	8.91	5.116	2.01	4.5	67.3	11.7	8	1.7	<0.04	44.8	258.4	25.6	86.5	12.3
25864	Rock			0.039	117.7	4	0.36	715	0.308	8.40	5.784	1.90	4.9	68.4	11.3	10	2.0	<0.04	52.6	228.2	22.9	78.4	11.7
25865	Rock			0.040	81.4	2	0.19	819	0.291	8.44	4.440	3.28	5.0	61.6	10.3	5	1.5	<0.04	36.6	157.1	15.3	51.5	7.8
25866	Rock			0.038	82.7	2	0.38	674	0.258	7.69	5.449	2.06	3.8	78.5	8.7	8	1.5	<0.04	34.3	170.3	16.2	55.8	8.4
25867	Rock			0.028	55.7	3	0.19	883	0.173	7.61	5.436	2.16	3.4	55.8	10.1	10	1.7	<0.04	39.4	128.9	15.7	57.9	10.0
25868	Rock			0.044	148.6	1	0.23	646	0.249	7.79	5.768	2.24	4.0	83.4	8.8	9	1.6	<0.04	40.9	288.7	26.6	87.5	12.5
25869	Rock			0.039	83.3	1	0.39	633	0.297	8.00	5.203	2.95	4.0	97.1	10.8	9	1.7	<0.04	45.4	183.7	17.2	60.0	9.8
25713	Rock			0.164	27.6	6	12.94	6616	0.062	2.20	0.057	1.62	0.8	96.1	3.4	1	1.6	<0.04	10.0	45.74	4.9	16.6	2.5
25714	Rock			0.025	13.5	14	13.06	5911	0.173	3.42	0.051	1.74	0.8	102.1	6.4	<1	3.2	<0.04	7.7	25.92	3.2	11.4	1.7
25715	Rock			0.178	206.2	37	7.69	1066	0.702	5.21	0.047	0.39	2.1	139.7	25.4	2	9.8	0.17	35.9	345.3	33.4	100.0	11.0
25716	Rock			0.041	1203	27	4.33	820	0.238	2.81	0.106	0.56	3.4	99.1	33.8	3	4.7	0.09	612.7	>2000	235.9	897.4	144.4
25717	Rock			0.066	936.3	34	6.43	167	0.215	2.37	0.060	0.09	1.3	141.8	21.4	8	4.6	<0.04	87.6	1528	130.9	389.6	36.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 6 of 8 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
25745	Rock	0.6	6.1	0.8	4.0	0.6	1.4	0.2	1.6	0.2	2.19	9.5	60.7	4.1	91.54	0.9	36.76	N.A.	N.A.	N.A.	N.A.
25746	Rock	0.9	14.3	2.0	10.6	1.9	4.5	0.6	4.2	0.5	3.14	19.4	180.6	19.4	359.6	1.1	37.46	N.A.	N.A.	N.A.	N.A.
25747	Rock	0.7	12.2	1.7	9.5	1.5	3.9	0.5	3.5	0.5	2.87	20.5	79.5	11.2	228.9	0.9	38.29	N.A.	N.A.	N.A.	N.A.
25748	Rock	0.6	11.9	1.8	11.3	1.9	5.0	0.6	4.2	0.5	2.64	12.4	74.3	16.1	314.2	0.7	37.87	N.A.	N.A.	N.A.	N.A.
25749	Rock	0.5	11.8	1.8	10.1	1.8	4.4	0.5	3.7	0.5	3.28	16.0	65.9	16.6	343.6	0.9	40.28	N.A.	N.A.	N.A.	N.A.
25750	Rock	0.6	11.7	1.7	8.8	1.6	4.1	0.5	3.7	0.5	3.46	16.5	121.8	13.9	270.4	0.8	35.34	N.A.	N.A.	N.A.	N.A.
25851	Rock	0.7	8.0	1.4	8.8	1.7	4.9	0.7	4.7	0.6	1.49	15.5	151.7	15.6	271.0	1.6	37.21	N.A.	N.A.	N.A.	N.A.
25852	Rock	0.8	7.5	1.3	8.1	1.5	4.1	0.6	4.1	0.5	3.14	7.8	167.1	11.7	208.6	2.2	30.95	N.A.	N.A.	N.A.	N.A.
25853	Rock	0.7	10.7	2.0	12.9	2.6	7.2	0.9	6.5	0.8	2.60	12.6	109.9	16.0	289.8	1.5	32.69	N.A.	N.A.	N.A.	N.A.
25854	Rock	0.7	7.4	1.2	7.7	1.4	4.0	0.6	3.8	0.5	3.92	13.4	111.2	10.4	179.0	1.6	29.03	N.A.	N.A.	N.A.	N.A.
25855	Rock	0.7	11.6	2.2	14.6	2.9	7.8	1.0	7.0	0.9	1.61	17.7	181.5	16.0	303.3	2.0	31.74	N.A.	N.A.	N.A.	N.A.
25856	Rock	1.0	8.0	1.4	8.4	1.6	4.2	0.6	4.1	0.6	2.93	16.1	113.1	8.9	186.2	1.7	29.26	N.A.	N.A.	N.A.	N.A.
25857	Rock	0.7	7.9	1.4	8.5	1.7	4.6	0.6	4.8	0.7	1.85	13.7	75.6	11.5	206.3	1.1	30.90	N.A.	N.A.	N.A.	N.A.
25858	Rock	0.7	7.5	1.2	7.7	1.6	4.5	0.6	4.5	0.6	3.12	10.5	113.2	9.7	202.8	1.9	32.20	N.A.	N.A.	N.A.	N.A.
25859	Rock	0.8	10.8	1.9	12.4	2.5	6.9	1.0	6.5	0.8	2.71	4.5	163.4	20.4	350.7	10.8	35.35	N.A.	N.A.	N.A.	N.A.
25860	Rock	1.0	9.4	1.7	11.7	2.3	6.4	0.8	5.7	0.7	3.48	17.7	79.0	16.6	250.2	1.2	28.79	N.A.	N.A.	N.A.	N.A.
25861	Rock	0.8	8.6	1.5	9.5	1.9	5.3	0.7	5.0	0.7	3.47	22.3	173.2	9.8	171.1	2.2	28.29	N.A.	N.A.	N.A.	N.A.
25862	Rock	1.0	8.3	1.4	9.2	1.7	4.7	0.7	4.6	0.6	2.14	21.2	132.2	8.7	165.0	2.2	28.18	N.A.	N.A.	N.A.	N.A.
25863	Rock	1.2	8.8	1.5	8.5	1.7	4.4	0.6	4.2	0.6	1.78	38.0	80.5	9.6	181.5	1.8	29.85	N.A.	N.A.	N.A.	N.A.
25864	Rock	1.0	8.9	1.6	10.1	2.0	5.6	0.7	5.2	0.7	2.37	13.5	76.8	11.1	190.5	1.4	29.65	N.A.	N.A.	N.A.	N.A.
25865	Rock	0.8	6.8	1.2	7.3	1.4	4.1	0.5	3.9	0.5	1.71	18.7	111.5	11.9	207.4	1.7	28.33	N.A.	N.A.	N.A.	N.A.
25866	Rock	0.9	6.7	1.0	6.8	1.3	3.8	0.5	3.5	0.5	2.39	15.7	83.3	8.9	167.3	1.6	31.30	N.A.	N.A.	N.A.	N.A.
25867	Rock	0.6	7.7	1.3	8.4	1.6	4.8	0.7	4.4	0.6	1.90	7.6	65.0	9.9	149.4	0.8	32.26	N.A.	N.A.	N.A.	N.A.
25868	Rock	1.2	8.8	1.4	9.0	1.8	4.7	0.7	4.4	0.6	2.48	11.4	86.5	14.0	211.2	1.9	29.94	N.A.	N.A.	N.A.	N.A.
25869	Rock	0.8	8.3	1.5	9.6	1.9	5.1	0.7	5.1	0.7	3.40	18.3	124.9	11.7	205.8	1.6	32.98	N.A.	N.A.	N.A.	N.A.
25713	Rock	<0.1	2.0	0.3	1.5	0.3	1.0	0.2	1.8	0.3	2.49	10.7	117.4	0.9	36.25	1.1	3.29	N.A.	N.A.	N.A.	N.A.
25714	Rock	<0.1	2.4	0.2	1.4	0.3	0.7	<0.1	1.1	0.1	2.90	27.0	138.4	1.3	34.04	1.5	7.19	N.A.	N.A.	N.A.	N.A.
25715	Rock	3.4	7.8	1.2	6.2	1.3	3.0	0.4	2.7	0.3	3.79	62.1	22.5	2.3	66.40	0.8	17.62	N.A.	N.A.	N.A.	N.A.
25716	Rock	17.6	138.4	26.8	182.0	37.2	100.5	12.3	78.5	8.7	2.54	34.5	36.0	37.9	475.6	0.5	16.99	919	4	6.3	0.6
25717	Rock	12.0	17.1	3.1	16.5	3.0	8.2	1.0	6.9	0.9	3.69	17.5	7.7	2.4	35.35	0.2	8.26	181	10	6.3	0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: True Blue  
 Report Date: November 01, 2010

Page: 6 of 8 Part 4

CERTIFICATE OF ANALYSIS

WHI1000083.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		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	0.02	0.05
25745	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25746	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25747	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25748	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25749	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25750	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25851	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25852	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25853	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25854	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25855	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25856	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25857	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25858	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25859	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25860	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25861	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25862	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25863	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25864	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25865	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25866	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25867	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25868	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25869	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25713	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25714	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25715	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25716	Rock	16.2	80.8	1076	37.0	38	82.8	132.2	31.2	41.8	52	6.7	4202	686.5	1020	2405	239.6	917.4	156.8	17.78	137.3
25717	Rock	7.3	5.3	42.3	7.5	24	68.1	3.2	14.3	27.7	74	1.5	198.7	104.5	777.2	1574	139.1	455.4	40.89	12.78	21.00

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 6 of 8 Part 5

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B
		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
25745	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25746	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25747	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25748	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25749	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25750	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25851	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25852	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25853	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25854	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25855	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25856	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25857	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25858	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25859	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25860	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25861	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25862	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25863	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25864	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25865	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25866	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25867	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25868	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25869	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25713	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25714	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25715	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25716	Rock	29.33	167.0	33.79	99.84	15.49	87.35	10.96
25717	Rock	3.44	16.57	3.00	8.35	1.28	7.12	0.90

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 7 of 8 Part 1

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
25718	Rock	1.32	0.33	64.35	29.36	748.9	<20	37.1	21.4	982	6.28	5.4	93.3	*	120.5	77	0.49	3.85	0.40	161	12.66
25719	Rock	1.03	9.79	22.30	1.52	48.2	42	35.9	6.9	1478	3.94	29.5	5.1	<0.1	5.2	52	0.08	3.21	0.32	144	6.60
25720	Rock	0.95	2.41	5.66	10.64	258.3	<20	2.2	2.8	2548	7.51	2.0	27.8	<0.1	93.5	76	0.49	3.00	0.37	11	2.76
25721	Rock	1.01	0.15	4.20	4.15	73.0	152	5.2	3.7	535	2.50	2.2	1.5	<0.1	2.7	73	0.17	2.74	0.28	49	14.71
25722	Rock	0.96	0.17	2.84	8.39	14.0	186	1.9	2.6	2325	3.11	8.2	0.2	<0.1	0.3	48	0.13	0.54	3.32	<1	22.11
25723	Rock	1.09	0.54	24.57	96.70	1122	1690	12.8	3.2	916	1.17	4.2	2.3	<0.1	1.5	204	5.92	2.65	1.27	16	26.36
25724	Rock	1.05	0.72	19.11	30.12	83.9	890	13.4	4.7	778	2.94	4.3	3.5	<0.1	7.1	159	0.27	1.60	2.70	31	23.31
25725	Rock	1.00	0.28	6.41	4.05	105.6	84	5.3	7.0	1616	8.00	11.2	1.3	<0.1	2.1	113	0.45	3.53	0.10	20	19.81
25726	Rock	1.07	0.30	7.59	9.11	69.9	78	10.6	8.0	1097	3.97	1.6	1.1	<0.1	5.9	156	0.57	2.27	0.26	38	25.12
25727	Rock	1.30	11.15	18.58	5.02	117.8	54	13.9	17.5	2041	13.23	2.5	4.4	<0.1	17.8	90	0.29	2.96	0.27	46	10.81
25728	Rock	0.99	2.37	7.17	2.67	41.3	<20	26.7	2.4	200	1.19	8.6	3.6	<0.1	14.6	27	0.27	0.97	0.14	297	1.84
25729	Rock	1.16	3.49	16.73	2.87	90.6	47	37.7	4.0	113	1.28	5.4	2.8	<0.1	10.6	18	0.51	0.81	0.08	280	0.38
25730	Rock	0.97	4.23	18.89	21.07	62.8	114	39.8	6.3	97	1.89	17.0	1.8	<0.1	11.2	19	0.31	0.89	0.51	343	0.41
25731	Rock	1.07	7.83	7.33	5.21	56.2	<20	7.8	2.4	1594	4.66	1.8	2.2	<0.1	12.8	30	0.30	0.86	0.09	20	0.45
25732	Rock	1.28	10.29	4.94	4.76	95.1	<20	1.6	3.9	899	5.38	3.4	2.8	<0.1	16.4	24	0.50	0.88	0.14	12	0.28
25733	Rock	1.18	6.83	6.66	24.75	160.1	<20	1.6	2.6	1738	5.18	2.2	4.8	<0.1	18.7	24	0.76	1.33	0.13	1	0.29
25734	Rock	1.10	7.71	5.49	8.59	58.9	<20	16.2	2.5	749	3.26	1.4	3.5	<0.1	16.3	45	0.24	0.63	0.09	87	0.67
25735	Rock	1.16	12.64	3.22	4.38	61.1	<20	16.1	1.8	819	3.25	4.5	2.4	<0.1	12.3	59	0.12	0.72	0.07	122	1.09
25736	Rock	1.08	4.20	2.72	1.52	14.5	<20	2.4	1.5	298	2.31	0.5	2.3	<0.1	23.1	56	0.08	0.28	0.06	20	0.56
25737	Rock	1.19	6.45	2.73	3.52	50.2	<20	7.3	2.9	504	4.44	0.7	5.9	<0.1	38.9	143	0.22	1.14	0.04	14	0.68
25738	Rock	1.11	33.53	3.49	10.90	56.6	<20	4.2	5.4	1943	4.93	2.3	4.3	<0.1	20.0	82	0.20	0.80	0.21	34	0.65
25739	Rock	1.14	27.97	1.66	2.63	15.7	<20	0.9	1.5	611	3.57	0.4	2.9	<0.1	9.1	56	0.08	0.28	<0.04	<1	0.15
25797	Rock	1.14	0.20	13.16	0.88	69.9	113	11.7	7.1	942	3.46	1.7	0.3	<0.1	0.8	13	0.16	0.53	0.61	14	13.35
25798	Rock	1.02	0.18	23.57	0.64	26.9	148	10.4	7.1	1171	5.71	2.1	0.2	<0.1	0.4	23	0.09	0.32	0.46	5	9.61
25799	Rock	1.12	0.08	5.37	2.39	35.4	117	6.2	2.2	1019	1.60	1.9	7.8	<0.1	1.3	89	0.13	0.55	0.59	4	20.35
25800	Rock	1.09	0.08	8.20	1.33	245.0	159	14.7	5.1	1195	4.21	2.0	21.4	<0.1	2.5	57	0.37	0.52	0.05	9	14.18
25785	Rock	1.07	38.28	16.07	2.58	26.9	<20	10.8	2.8	210	1.60	12.0	2.8	<0.1	11.5	39	0.06	0.98	0.23	232	1.82
25786	Rock	1.61	0.20	52.43	4.53	233.5	*	21.1	11.7	961	5.16	2.9	4.2	<0.1	8.0	44	0.43	1.88	3.34	45	13.41
25787	Rock	1.64	7.72	20.88	6.89	500.1	<20	7.2	10.6	1407	4.86	1.6	17.2	*	26.2	56	0.80	2.53	2.97	44	13.35
25788	Rock	1.50	0.34	10.44	8.66	212.2	*	4.1	5.7	1089	4.28	4.7	15.4	<0.1	24.2	75	0.60	3.36	1.18	38	14.53

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 7 of 8 Part 2

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	Unit	MDL	1T P	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
25718	Rock			0.173	287.5	223	6.78	205	0.961	6.08	0.246	0.55	3.4	162.3	36.7	6	16.0	0.72	361.1	674.9	75.0	278.9	55.9
25719	Rock			0.027	28.4	22	3.38	1521	0.131	2.00	0.171	1.31	3.0	48.4	7.7	3	3.1	0.08	19.3	50.86	5.8	22.1	3.6
25720	Rock			0.011	341.6	3	1.27	770	0.222	5.58	3.613	3.36	2.2	175.1	40.3	33	0.5	<0.04	162.1	644.3	61.2	204.0	31.1
25721	Rock			0.039	25.2	8	9.36	490	0.281	2.28	0.040	1.30	1.2	54.3	14.5	2	5.0	<0.04	17.4	47.12	5.5	20.3	3.5
25722	Rock			<0.001	33.7	<1	10.81	42	0.002	<0.02	0.037	0.02	<0.1	0.6	0.2	<1	<0.1	0.06	8.2	40.15	3.3	10.1	1.2
25723	Rock			0.013	12.8	10	7.55	1381	0.039	1.04	0.012	0.55	1.2	21.5	1.0	<1	1.4	<0.04	8.2	17.98	1.9	6.7	0.8
25724	Rock			0.113	81.8	24	5.78	2176	0.084	2.02	0.108	0.81	1.0	24.5	11.3	3	2.4	<0.04	29.2	135.7	13.8	45.6	5.7
25725	Rock			0.020	15.4	12	5.00	206	0.058	0.87	0.112	0.20	0.7	15.4	13.9	7	1.4	0.07	21.9	29.09	3.6	13.1	2.3
25726	Rock			0.023	28.5	24	4.20	1131	0.116	2.91	0.055	0.79	0.6	26.0	12.3	3	3.2	0.10	28.2	44.84	5.3	23.1	4.1
25727	Rock			0.032	45.5	41	2.61	719	0.245	3.60	0.501	1.83	1.3	74.4	22.6	8	4.9	0.06	50.6	96.69	12.7	49.9	8.7
25728	Rock			0.077	33.4	49	0.86	1951	0.182	5.44	0.445	2.99	3.9	70.5	3.4	4	9.6	<0.04	22.4	72.14	9.9	41.0	7.1
25729	Rock			0.084	39.2	37	0.86	2798	0.136	5.87	0.226	3.70	2.4	49.1	2.4	3	9.5	<0.04	8.5	71.46	8.7	32.6	4.8
25730	Rock			0.113	24.8	59	1.09	1687	0.160	5.75	0.972	2.91	3.2	45.4	1.8	3	10.6	0.16	10.5	53.03	6.3	24.1	3.7
25731	Rock			0.037	94.0	10	0.26	701	0.238	7.87	3.430	4.53	4.9	26.6	4.1	3	1.8	<0.04	21.3	196.6	20.5	71.8	10.3
25732	Rock			0.048	91.3	4	0.53	734	0.337	8.36	3.128	4.89	6.8	53.4	9.3	4	2.1	0.09	29.7	179.9	18.9	66.4	10.3
25733	Rock			0.065	92.2	5	0.38	443	0.361	8.18	3.954	4.62	3.9	52.0	6.8	5	2.1	<0.04	31.6	197.1	19.1	67.1	10.1
25734	Rock			0.031	74.1	20	0.54	383	0.239	7.51	3.896	2.69	4.5	44.8	5.1	4	3.0	0.05	33.3	140.1	15.1	53.4	8.0
25735	Rock			0.060	54.3	26	0.65	558	0.249	7.75	4.333	2.47	3.9	28.0	4.0	5	3.8	<0.04	22.2	103.4	11.0	39.7	6.0
25736	Rock			0.059	65.5	4	0.76	350	0.324	8.20	5.674	1.59	3.7	86.4	13.7	4	4.6	<0.04	31.4	135.5	15.0	55.0	8.6
25737	Rock			0.092	180.6	6	1.24	2660	0.383	8.17	3.282	4.72	3.1	132.9	6.7	8	2.5	<0.04	41.6	314.0	28.1	91.4	11.6
25738	Rock			0.106	103.3	2	0.78	1860	0.469	8.83	4.214	3.88	6.9	86.3	7.6	7	3.4	<0.04	34.0	200.4	19.0	65.1	9.8
25739	Rock			0.028	22.3	4	0.16	193	0.124	6.93	7.330	0.57	1.6	27.3	3.9	3	1.0	<0.04	9.9	54.11	6.5	25.4	4.4
25797	Rock			0.013	10.7	5	12.60	321	0.060	0.68	0.013	0.10	0.6	56.9	6.1	3	1.1	<0.04	7.4	21.19	2.5	9.1	1.4
25798	Rock			0.013	5.6	2	15.70	177	0.012	0.19	0.013	0.02	0.6	28.1	2.9	2	0.6	<0.04	4.1	9.43	1.0	3.6	0.5
25799	Rock			0.018	8.5	3	11.36	85	0.016	0.24	0.004	<0.02	1.0	68.3	1.7	<1	0.2	0.13	4.3	13.03	1.3	4.6	0.6
25800	Rock			0.024	8.5	2	15.15	62	0.031	0.28	0.005	<0.02	1.1	50.0	0.7	<1	0.1	<0.04	4.3	14.71	1.4	4.8	0.6
25785	Rock			0.082	21.8	48	1.52	2186	0.296	5.86	3.026	2.89	3.5	51.2	5.7	3	8.4	0.11	31.3	59.10	9.0	40.6	7.6
25786	Rock			0.031	41.6	25	7.99	194	0.189	2.72	0.516	0.62	0.9	169.3	31.0	7	4.1	0.51	25.7	78.03	9.5	35.6	5.3
25787	Rock			0.040	159.0	25	8.42	990	0.173	3.73	0.421	0.43	1.4	408.5	20.1	26	3.3	0.24	88.9	306.3	32.5	109.3	16.0
25788	Rock			0.011	331.1	13	6.30	269	0.201	3.52	0.451	0.46	2.2	378.4	28.2	6	2.5	<0.04	78.7	601.8	55.9	185.9	22.6

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Client: **Great Western Minerals Group Ltd.**  
 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 7 of 8 Part 3

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
25718	Rock	5.4	58.6	11.2	78.8	16.4	46.7	5.8	37.6	4.4	4.27	41.8	25.0	61.0	449.4	0.4	21.78	N.A.	N.A.	N.A.	N.A.
25719	Rock	0.4	3.0	0.5	3.1	0.6	1.6	0.2	1.7	0.2	1.18	10.2	54.3	0.9	26.63	0.2	5.45	N.A.	N.A.	N.A.	N.A.
25720	Rock	2.8	26.6	4.8	30.9	5.8	14.5	1.8	12.1	1.5	4.96	83.4	180.8	26.3	701.5	0.9	57.87	N.A.	N.A.	N.A.	N.A.
25721	Rock	0.8	3.1	0.5	2.9	0.6	1.6	0.2	1.4	0.1	1.57	62.5	136.5	0.9	29.49	1.9	6.91	N.A.	N.A.	N.A.	N.A.
25722	Rock	0.2	1.1	0.1	0.9	0.2	0.7	<0.1	0.6	<0.1	<0.02	4.8	1.5	0.1	2.58	<0.1	0.33	N.A.	N.A.	N.A.	N.A.
25723	Rock	<0.1	1.1	0.2	0.9	0.2	0.6	<0.1	0.6	<0.1	0.46	16.7	33.6	0.2	9.16	0.4	2.45	N.A.	N.A.	N.A.	N.A.
25724	Rock	1.1	4.5	0.7	4.8	0.9	2.5	0.3	2.3	0.3	0.69	16.5	52.6	0.9	34.59	0.6	5.31	N.A.	N.A.	N.A.	N.A.
25725	Rock	0.8	2.2	0.4	3.0	0.7	1.9	0.3	1.9	0.3	0.60	5.2	7.3	0.5	40.07	0.1	4.03	N.A.	N.A.	N.A.	N.A.
25726	Rock	2.6	4.5	0.7	4.5	0.9	2.3	0.3	1.9	0.2	0.81	9.9	75.4	0.5	39.86	1.0	7.51	N.A.	N.A.	N.A.	N.A.
25727	Rock	2.0	8.7	1.3	8.4	1.6	3.8	0.5	3.2	0.4	2.43	38.2	93.2	6.1	95.52	1.1	15.77	N.A.	N.A.	N.A.	N.A.
25728	Rock	0.3	5.7	0.8	4.1	0.8	2.2	0.3	2.1	0.3	1.91	26.8	103.2	2.7	54.22	1.1	15.82	N.A.	N.A.	N.A.	N.A.
25729	Rock	<0.1	3.3	0.4	1.8	0.3	0.6	0.1	0.9	0.1	1.36	18.1	141.9	0.3	4.20	1.0	18.90	N.A.	N.A.	N.A.	N.A.
25730	Rock	0.2	3.3	0.4	1.9	0.3	0.9	0.1	0.9	0.1	1.18	20.9	98.5	0.3	9.07	0.9	18.67	N.A.	N.A.	N.A.	N.A.
25731	Rock	1.3	6.4	1.0	5.0	0.8	2.1	0.3	1.8	0.2	0.61	18.5	123.8	5.5	125.6	1.4	30.00	N.A.	N.A.	N.A.	N.A.
25732	Rock	1.3	7.3	1.1	6.6	1.2	2.9	0.4	2.2	0.3	1.14	27.4	158.6	6.0	142.5	2.5	34.01	N.A.	N.A.	N.A.	N.A.
25733	Rock	1.4	7.7	1.2	7.1	1.3	3.2	0.4	2.3	0.3	1.25	15.8	132.3	8.4	189.5	2.2	31.86	N.A.	N.A.	N.A.	N.A.
25734	Rock	1.1	6.6	1.2	6.9	1.4	3.3	0.4	2.6	0.3	1.03	20.0	103.7	7.8	153.3	1.5	31.05	N.A.	N.A.	N.A.	N.A.
25735	Rock	0.9	4.6	0.7	4.5	0.8	2.2	0.3	1.8	0.2	0.70	25.1	98.8	4.1	90.75	1.7	27.35	N.A.	N.A.	N.A.	N.A.
25736	Rock	1.4	6.7	1.1	6.6	1.2	3.2	0.3	2.6	0.4	1.84	22.4	76.4	4.0	74.50	1.1	25.93	N.A.	N.A.	N.A.	N.A.
25737	Rock	1.3	7.9	1.3	7.6	1.6	4.2	0.5	3.7	0.5	2.82	27.3	204.3	7.6	160.6	2.9	30.55	N.A.	N.A.	N.A.	N.A.
25738	Rock	1.2	7.8	1.2	7.0	1.3	3.4	0.4	3.0	0.4	1.81	29.7	151.6	7.2	143.7	2.3	33.40	N.A.	N.A.	N.A.	N.A.
25739	Rock	0.4	3.8	0.5	3.1	0.5	1.5	0.2	1.3	0.2	0.56	6.2	11.7	4.4	75.79	0.4	30.86	N.A.	N.A.	N.A.	N.A.
25797	Rock	0.3	1.2	0.2	1.1	0.2	0.6	<0.1	0.8	0.1	1.55	3.9	9.7	0.5	7.99	0.1	1.95	N.A.	N.A.	N.A.	N.A.
25798	Rock	0.1	0.4	<0.1	0.4	0.1	0.5	0.1	1.5	0.3	0.61	1.0	2.4	0.2	5.16	<0.1	0.94	N.A.	N.A.	N.A.	N.A.
25799	Rock	0.2	0.5	<0.1	0.5	0.1	0.4	<0.1	0.5	0.1	1.60	0.5	1.6	0.1	10.16	<0.1	1.03	N.A.	N.A.	N.A.	N.A.
25800	Rock	0.1	0.5	<0.1	0.5	0.2	0.5	<0.1	0.9	0.2	1.09	0.3	0.5	0.2	43.06	<0.1	3.06	N.A.	N.A.	N.A.	N.A.
25785	Rock	0.6	6.7	0.9	5.1	1.0	2.8	0.4	2.5	0.3	1.37	28.0	82.5	0.8	29.88	0.4	15.22	N.A.	N.A.	N.A.	N.A.
25786	Rock	0.8	5.1	0.7	4.7	0.8	2.2	0.3	2.1	0.3	4.40	25.7	49.9	8.4	110.7	0.8	14.19	N.A.	N.A.	N.A.	N.A.
25787	Rock	1.3	15.1	2.5	15.8	2.9	7.7	1.0	6.4	0.8	9.55	44.3	28.9	15.3	728.6	0.5	17.99	N.A.	N.A.	N.A.	N.A.
25788	Rock	5.5	19.2	2.8	15.7	3.0	7.5	0.9	6.1	0.7	10.06	22.4	42.7	17.3	195.8	0.6	19.10	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.





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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 7 of 8 Part 4

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		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	0.05	0.02	0.05	
25718	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25719	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25720	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25721	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25722	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25723	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25724	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25725	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25726	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25727	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25728	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25729	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25730	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25731	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25732	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25733	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25734	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25735	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25736	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25737	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25738	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25739	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25797	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25798	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25799	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25800	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25785	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25786	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25787	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25788	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 7 of 8 Part 5

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B
		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
25718	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25719	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25720	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25721	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25722	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25723	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25724	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25725	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25726	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25727	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25728	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25729	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25730	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25731	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25732	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25733	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25734	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25735	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25736	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25737	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25738	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25739	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25797	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25798	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25799	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25800	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25785	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25786	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25787	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25788	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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 Report Date: November 01, 2010

Page: 8 of 8 Part 1

CERTIFICATE OF ANALYSIS

WHI1000083.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
25789	Rock	0.61	0.33	3.41	6.87	126.9	*	1.5	6.4	1085	7.74	0.9	72.6	<0.1	243.9	28	0.82	2.88	0.25	<1	7.09
25790	Rock	1.68	1.60	21.27	7.31	147.4	<20	8.8	6.9	910	4.24	1.5	29.5	<0.1	68.9	50	0.65	3.93	4.99	62	15.12
25791	Rock	1.52	1.01	7.13	9.42	319.1	257	10.0	7.4	1101	3.99	6.2	8.4	<0.1	23.5	122	1.32	3.59	1.95	94	14.94
25792	Rock	1.32	0.99	9.91	3.73	201.6	*	6.7	6.9	1009	4.34	2.6	5.0	<0.1	28.9	61	0.58	2.48	1.44	64	12.87
25793	Rock	1.55	0.68	22.50	17.89	377.9	576	11.0	10.4	1120	4.56	10.5	7.6	<0.1	14.9	72	0.89	3.05	3.52	51	15.27
25794	Rock	1.69	1.24	31.04	6.95	299.3	*	15.4	9.8	1066	4.41	5.2	21.2	*	47.8	70	0.63	3.38	1.40	57	15.79
25795	Rock	1.66	0.30	4.16	5.43	377.6	198	6.8	7.8	1066	3.73	4.5	0.6	<0.1	4.6	56	0.40	2.34	5.20	69	15.97
25796	Rock	1.46	15.51	15.50	10.71	63.8	*	14.6	4.0	593	2.85	3.2	5.0	<0.1	20.9	89	0.32	1.29	0.27	207	4.32



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Project: True Blue  
 Report Date: November 01, 2010

Page: 8 of 8 Part 2

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	
Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	
25789	Rock	0.029	1167	4	6.57	2172	0.257	1.64	0.585	0.56	0.6	594.8	90.1	70	0.9	<0.04	161.7	1745	138.5	431.5	50.4
25790	Rock	0.022	365.9	21	8.13	894	0.211	2.42	0.218	0.63	2.2	439.7	26.1	12	3.2	0.10	71.8	700.7	63.5	200.4	24.0
25791	Rock	0.072	163.4	26	7.49	1090	0.337	3.11	0.165	1.03	1.7	296.9	22.4	8	5.8	<0.04	52.2	252.9	24.2	77.3	11.0
25792	Rock	0.042	98.8	22	7.39	648	0.245	2.84	0.361	0.77	1.8	195.9	24.4	7	3.5	0.07	41.1	185.4	21.1	79.2	12.2
25793	Rock	0.036	170.7	23	7.13	574	0.235	3.17	0.384	0.53	1.3	358.4	27.6	4	3.7	0.13	41.0	286.3	27.9	88.7	10.7
25794	Rock	0.062	151.7	25	7.60	642	0.222	2.91	0.231	0.48	3.2	362.5	22.7	6	4.6	0.40	96.6	277.6	29.2	103.1	17.5
25795	Rock	0.063	29.6	35	9.05	822	0.278	3.75	0.091	0.28	1.1	211.4	28.2	4	5.9	<0.04	23.9	60.14	7.9	30.7	5.3
25796	Rock	0.063	77.6	53	2.50	3588	0.374	6.41	1.985	4.45	1.7	115.6	10.3	6	7.8	0.11	45.0	153.8	18.5	69.6	11.8



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Project: True Blue  
 Report Date: November 01, 2010

Page: 8 of 8 Part 3

CERTIFICATE OF ANALYSIS

WHI10000083.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
25789	Rock	5.4	37.5	5.3	29.1	5.0	12.7	1.6	11.6	1.6	12.42	7.1	36.0	1.6	197.1	0.7	20.11	2029	56	4.8	0.6
25790	Rock	4.7	16.5	2.6	15.1	2.7	7.2	0.9	5.6	0.7	11.71	18.2	31.5	16.1	367.0	0.4	9.64	N.A.	N.A.	N.A.	N.A.
25791	Rock	2.3	10.7	1.6	10.4	2.1	5.1	0.6	4.1	0.5	7.67	42.2	64.6	4.5	58.14	0.9	10.06	N.A.	N.A.	N.A.	N.A.
25792	Rock	1.3	11.1	1.5	8.6	1.5	3.8	0.5	3.0	0.4	5.71	24.5	43.0	6.6	126.7	0.5	12.99	N.A.	N.A.	N.A.	N.A.
25793	Rock	2.4	9.0	1.4	7.8	1.5	4.1	0.5	3.5	0.5	9.48	39.9	46.9	9.9	77.04	0.8	15.65	N.A.	N.A.	N.A.	N.A.
25794	Rock	2.6	18.3	3.4	22.9	4.7	13.2	1.6	10.1	1.2	8.32	26.5	24.2	29.5	238.3	0.4	11.16	N.A.	N.A.	N.A.	N.A.
25795	Rock	0.6	5.1	0.7	4.5	0.8	2.1	0.2	1.7	0.2	5.52	42.9	17.6	3.8	22.43	0.3	13.44	N.A.	N.A.	N.A.	N.A.
25796	Rock	1.0	10.9	1.4	8.6	1.6	4.3	0.5	4.1	0.5	3.37	21.5	144.0	6.7	129.9	0.6	21.28	N.A.	N.A.	N.A.	N.A.



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Page: 8 of 8 Part 4

**CERTIFICATE OF ANALYSIS**

**WHI10000083.2**

Method	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
Analyte	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	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	0.02	0.05	
25789	Rock	16.0	31.2	2282	32.5	82	27.7	30.9	211.7	69.3	<8	10.9	1589	166.8	799.1	1394	118.3	394.0	44.76	4.96	27.20
25790	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25791	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25792	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25793	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25794	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25795	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25796	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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Page: 8 of 8 Part 5

# CERTIFICATE OF ANALYSIS

# WHI1000083.2

Method		4B	4B	4B	4B	4B	4B	4B
Analyte		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
25789	Rock	4.43	21.76	3.87	10.71	1.71	11.23	1.59
25790	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25791	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25792	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25793	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25794	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25795	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25796	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

WHI10000083.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
Pulp Duplicates																					
26465	Rock	0.47	2.70	4.55	4.21	38.9	<20	2.0	3.4	571	4.08	3.1	1.8	<0.1	8.8	194	0.25	0.52	<0.04	43	2.28
REP 26465	QC		2.65	4.42	4.02	39.7	<20	2.1	3.6	581	4.10	2.9	1.9	<0.1	9.0	200	0.20	0.52	<0.04	43	2.30
25920	Rock	0.57	2.90	2.54	5.78	46.4	<20	1.1	2.0	637	4.91	0.7	5.7	<0.1	42.3	56	0.14	0.58	0.07	3	0.68
REP 25920	QC		2.26	2.50	5.75	44.0	<20	1.2	1.9	624	4.87	0.7	5.8	<0.1	41.5	51	0.14	0.56	0.07	3	0.65
25877	Rock	0.91	1.09	7.67	9.63	36.4	<20	1.6	1.7	220	1.60	8.3	2.5	<0.1	20.3	134	0.14	0.83	0.09	3	0.31
REP 25877	QC		1.02	7.07	9.65	36.3	<20	1.3	1.5	222	1.60	8.0	2.4	<0.1	19.4	130	0.15	0.76	0.07	3	0.34
25742	Rock	1.17	4.14	1.04	2.51	26.6	<20	1.1	1.7	270	5.46	0.9	6.8	<0.1	23.7	97	0.09	0.63	<0.04	2	0.30
REP 25742	QC		4.05	1.27	1.71	27.2	<20	1.1	1.6	281	5.61	0.8	7.3	<0.1	24.5	101	0.11	0.66	<0.04	2	0.30
25798	Rock	1.02	0.18	23.57	0.64	26.9	148	10.4	7.1	1171	5.71	2.1	0.2	<0.1	0.4	23	0.09	0.32	0.46	5	9.61
REP 25798	QC		0.17	23.57	0.50	27.4	131	10.9	7.4	1164	5.63	2.0	0.2	<0.1	0.4	23	0.08	0.33	0.46	5	9.55
25794	Rock	1.69	1.24	31.04	6.95	299.3	*	15.4	9.8	1066	4.41	5.2	21.2	*	47.8	70	0.63	3.38	1.40	57	15.79
REP 25794	QC		1.31	30.88	6.96	288.8	*	15.3	9.8	1064	4.49	5.0	21.3	*	48.3	69	0.62	3.30	1.65	57	15.77
Reference Materials																					
STD OREAS24P	Standard		1.50	46.86	2.64	113.5	37	149.9	48.9	1125	7.47	0.7	0.6	<0.1	2.8	376	0.12	0.09	<0.04	169	5.89
STD OREAS24P	Standard		1.56	52.03	3.08	112.1	36	147.6	47.9	1145	7.46	0.8	0.7	<0.1	2.9	382	0.17	0.09	<0.04	166	5.74
STD OREAS24P	Standard		1.53	51.96	2.96	113.7	27	148.0	50.2	1152	7.74	0.8	0.7	<0.1	2.8	383	0.14	0.07	<0.04	165	5.94
STD OREAS24P	Standard		1.52	50.34	2.91	122.3	32	152.3	48.3	1103	7.46	1.1	0.7	<0.1	3.1	394	0.16	0.10	0.06	167	5.86
STD OREAS24P	Standard		1.35	45.94	2.09	102.5	59	140.7	44.6	1039	7.16	<0.2	0.6	<0.1	2.4	358	0.11	0.07	<0.04	152	5.49
STD OREAS24P	Standard		1.43	51.21	4.84	117.4	72	144.6	45.4	1125	7.85	1.5	0.7	<0.1	3.0	389	0.15	0.10	<0.04	153	5.98
STD OREAS45P	Standard		2.20	761.2	21.27	137.5	354	408.7	128.9	1350	19.26	11.7	1.9	<0.1	9.5	32	0.16	0.80	0.22	285	0.32
STD OREAS45P	Standard		2.10	735.9	22.56	145.9	319	399.0	128.6	1360	18.86	12.3	2.2	<0.1	10.0	34	0.20	0.90	0.27	272	0.31
STD OREAS45P	Standard		2.17	733.4	23.39	136.0	297	398.2	124.8	1338	18.79	11.1	2.2	<0.1	10.0	33	0.17	0.84	0.22	273	0.29
STD OREAS45P	Standard		2.07	726.0	22.77	137.7	304	395.1	124.6	1329	18.52	11.3	2.1	<0.1	9.5	30	0.18	0.79	0.21	265	0.30
STD OREAS45P	Standard		2.08	749.8	22.35	143.5	382	397.4	122.9	1297	19.20	11.5	2.2	<0.1	9.9	30	0.18	0.84	0.29	282	0.28
STD OREAS45P	Standard		1.83	684.0	19.21	139.6	329	368.3	119.0	1253	18.05	10.6	1.8	<0.1	8.3	31	0.14	0.68	0.20	255	0.27
STD OREAS45P	Standard		2.23	730.8	24.43	152.1	369	387.0	123.7	1316	19.48	12.4	2.2	<0.1	10.6	35	0.17	0.93	0.26	271	0.31
STD SO-18	Standard																				
STD SO-18	Standard																				

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.





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Project: True Blue  
Report Date: November 01, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

WHI10000083.2

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	
Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	
Pulp Duplicates																					
26465	Rock	0.178	65.5	3	0.75	1807	0.686	8.09	4.554	3.05	0.8	97.8	5.4	5	4.0	<0.04	33.0	151.8	16.9	64.8	10.4
REP 26465	QC	0.176	66.9	3	0.75	1807	0.677	8.22	4.446	2.98	0.9	95.6	5.3	5	4.0	<0.04	33.3	157.4	17.2	65.9	9.9
25920	Rock	0.029	153.8	1	0.19	528	0.272	7.96	3.649	2.66	2.3	77.5	17.2	8	1.2	<0.04	66.9	279.0	29.3	100.0	16.1
REP 25920	QC	0.029	157.3	<1	0.18	535	0.269	7.60	3.641	2.63	2.5	76.2	16.2	8	1.3	<0.04	64.2	290.0	31.1	102.8	15.5
25877	Rock	0.027	24.1	2	0.11	2254	0.267	7.48	3.424	3.73	4.6	42.6	9.6	3	1.2	<0.04	13.0	85.32	7.1	27.1	4.5
REP 25877	QC	0.027	24.8	2	0.11	2217	0.263	7.55	3.347	3.45	4.3	41.1	9.1	3	1.3	<0.04	13.0	90.71	7.3	27.7	4.3
25742	Rock	0.025	68.8	2	0.77	1227	0.169	8.06	4.657	2.60	4.8	31.5	12.8	8	1.0	<0.04	39.3	140.0	14.5	48.0	8.1
REP 25742	QC	0.025	71.9	2	0.79	1223	0.168	8.27	4.776	2.39	5.0	30.7	13.6	8	1.0	<0.04	42.3	148.5	15.5	51.2	8.3
25798	Rock	0.013	5.6	2	15.70	177	0.012	0.19	0.013	0.02	0.6	28.1	2.9	2	0.6	<0.04	4.1	9.43	1.0	3.6	0.5
REP 25798	QC	0.012	5.7	2	15.82	175	0.012	0.19	0.014	0.02	0.6	26.7	2.9	2	0.6	<0.04	4.1	9.62	1.0	3.4	0.5
25794	Rock	0.062	151.7	25	7.60	642	0.222	2.91	0.231	0.48	3.2	362.5	22.7	6	4.6	0.40	96.6	277.6	29.2	103.1	17.5
REP 25794	QC	0.063	147.7	27	7.58	622	0.219	2.89	0.230	0.48	3.0	359.9	22.3	6	4.5	0.41	93.3	265.3	29.5	101.0	17.6
Reference Materials																					
STD OREAS24P	Standard	0.125	17.2	205	4.07	268	1.118	8.05	2.349	0.68	0.4	140.9	1.5	1	19.5	<0.04	20.7	35.85	4.7	21.9	5.0
STD OREAS24P	Standard	0.145	19.4	195	4.01	287	1.042	7.94	2.400	0.68	0.4	136.9	1.8	1	19.9	<0.04	22.1	38.58	4.9	20.5	4.6
STD OREAS24P	Standard	0.141	18.7	213	4.17	284	1.107	7.88	2.351	0.69	0.8	144.3	1.7	1	19.5	<0.04	22.5	39.01	4.9	21.6	4.9
STD OREAS24P	Standard	0.139	19.5	203	4.34	291	1.080	8.33	2.495	0.71	0.5	143.0	1.6	1	19.9	<0.04	23.1	39.93	5.2	21.3	4.6
STD OREAS24P	Standard	0.129	17.6	190	3.77	261	1.028	7.39	2.295	0.65	0.4	134.9	1.6	<1	16.8	<0.04	20.7	38.02	4.7	21.0	4.5
STD OREAS24P	Standard	0.134	19.6	192	4.15	300	1.100	7.97	2.396	0.69	0.4	137.7	1.5	<1	18.9	<0.04	22.0	39.40	5.0	21.2	4.8
STD OREAS45P	Standard	0.045	25.0	1112	0.18	284	1.125	7.38	0.078	0.38	1.1	162.7	2.3	<1	68.7	<0.04	13.5	51.18	5.9	23.8	4.4
STD OREAS45P	Standard	0.049	26.6	1096	0.20	288	1.074	7.26	0.084	0.36	1.0	153.6	2.7	<1	67.4	<0.04	13.9	51.96	6.1	21.8	4.2
STD OREAS45P	Standard	0.047	24.8	1103	0.20	285	1.057	7.06	0.083	0.36	1.1	153.8	2.6	<1	64.8	<0.04	13.2	51.18	5.7	22.2	4.2
STD OREAS45P	Standard	0.046	23.8	1059	0.20	277	1.046	6.82	0.075	0.36	1.0	149.2	2.5	<1	64.5	<0.04	13.1	48.92	5.4	20.9	3.7
STD OREAS45P	Standard	0.045	25.0	1092	0.19	285	1.033	7.16	0.083	0.35	1.1	150.6	2.6	<1	66.1	<0.04	13.4	49.94	5.9	23.4	4.3
STD OREAS45P	Standard	0.042	22.5	1045	0.18	258	1.017	6.72	0.077	0.33	0.9	147.3	2.4	<1	58.7	<0.04	12.4	46.50	5.3	21.0	4.0
STD OREAS45P	Standard	0.045	26.7	1087	0.21	302	1.070	7.03	0.078	0.36	0.9	153.2	2.6	<1	65.4	<0.04	13.9	53.17	6.2	22.4	4.0
STD SO-18	Standard																				
STD SO-18	Standard																				

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226 Cardinal Crescent  
Saskatoon SK S7L 6H8 Canada

Project: True Blue  
Report Date: November 01, 2010

Page: 1 of 2 Part 3

QUALITY CONTROL REPORT

WHI10000083.2

Method	Analyte	Unit	MDL	1T Eu	1T Gd	1T Tb	1T Dy	1T Ho	1T Er	1T Tm	1T Yb	1T Lu	1T Hf	1T Li	1T Rb	1T Ta	1T Nb	1T Cs	1T Ga	4B Ba	4B Be	4B Co	4B Cs
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
Pulp Duplicates																							
26465	Rock			1.5	8.8	1.2	7.2	1.3	3.6	0.5	3.3	0.4	2.46	17.0	106.4	3.9	88.74	2.0	27.99	N.A.	N.A.	N.A.	N.A.
REP 26465	QC			1.7	8.5	1.3	6.8	1.3	3.6	0.5	3.3	0.4	2.51	16.7	109.8	3.8	86.89	2.0	28.27				
25920	Rock			1.2	14.3	2.1	12.5	2.4	6.7	0.8	5.4	0.8	2.30	27.3	136.1	15.1	262.1	1.9	35.02	N.A.	N.A.	N.A.	N.A.
REP 25920	QC			1.2	14.1	2.1	12.2	2.4	6.4	0.8	5.4	0.7	2.15	25.6	128.4	15.4	259.6	1.9	34.10				
25877	Rock			<0.1	3.4	0.5	2.9	0.6	1.6	0.2	1.7	0.2	1.52	4.9	139.6	7.9	158.0	1.0	30.18	N.A.	N.A.	N.A.	N.A.
REP 25877	QC			0.1	2.8	0.5	2.8	0.5	1.5	0.2	1.7	0.2	1.43	5.0	128.6	7.4	146.3	1.0	29.95				
25742	Rock			0.7	7.6	1.4	8.3	1.6	4.8	0.6	4.0	0.5	0.76	29.5	106.2	12.2	212.1	1.5	37.15	N.A.	N.A.	N.A.	N.A.
REP 25742	QC			0.8	7.7	1.5	8.8	1.8	5.0	0.7	4.3	0.6	0.76	29.8	110.2	12.9	223.4	1.5	37.79				
25798	Rock			0.1	0.4	<0.1	0.4	0.1	0.5	0.1	1.5	0.3	0.61	1.0	2.4	0.2	5.16	<0.1	0.94	N.A.	N.A.	N.A.	N.A.
REP 25798	QC			0.1	0.4	<0.1	0.5	0.1	0.5	0.1	1.4	0.4	0.59	1.1	2.5	0.2	5.24	<0.1	1.02				
25794	Rock			2.6	18.3	3.4	22.9	4.7	13.2	1.6	10.1	1.2	8.32	26.5	24.2	29.5	238.3	0.4	11.16	N.A.	N.A.	N.A.	N.A.
REP 25794	QC			2.3	19.0	3.3	23.1	4.7	12.4	1.5	10.0	1.2	8.12	26.1	22.9	29.1	230.7	0.4	11.22				
Reference Materials																							
STD OREAS24P	Standard			1.5	5.0	0.7	4.1	0.8	2.1	0.3	1.7	0.2	3.62	7.7	19.9	1.1	20.16	0.8	19.71				
STD OREAS24P	Standard			1.6	4.9	0.7	4.4	0.9	2.2	0.3	1.6	0.2	3.38	7.5	22.6	1.1	19.81	0.8	20.03				
STD OREAS24P	Standard			1.5	5.2	0.8	4.6	0.9	2.1	0.3	1.8	0.2	3.45	7.8	23.6	1.2	21.08	0.8	20.28				
STD OREAS24P	Standard			1.6	5.5	0.8	5.0	1.0	2.2	0.3	2.0	0.3	3.53	8.7	22.0	1.3	20.89	0.9	20.53				
STD OREAS24P	Standard			1.5	5.3	0.8	4.2	0.8	2.0	0.3	1.7	0.2	3.11	7.0	20.6	1.0	19.10	0.8	18.12				
STD OREAS24P	Standard			1.7	5.6	0.8	4.6	0.9	2.2	0.3	1.8	0.3	3.38	7.6	22.4	1.1	19.46	0.8	19.89				
STD OREAS45P	Standard			1.1	3.6	0.6	3.5	0.6	1.5	0.2	1.6	0.2	3.85	14.0	23.9	1.3	21.66	2.1	24.08				
STD OREAS45P	Standard			1.1	3.8	0.6	3.5	0.6	1.8	0.2	1.6	0.2	3.76	13.9	26.1	1.1	20.56	2.2	23.33				
STD OREAS45P	Standard			1.0	3.5	0.6	3.5	0.6	1.6	0.2	1.6	0.2	3.86	15.0	24.8	1.1	20.20	2.1	22.69				
STD OREAS45P	Standard			1.0	3.5	0.6	3.2	0.6	1.5	0.2	1.6	0.2	3.75	13.6	24.6	1.1	19.84	2.1	22.44				
STD OREAS45P	Standard			1.0	3.8	0.6	3.4	0.7	1.7	0.2	1.7	0.2	4.00	15.0	24.0	1.3	19.47	2.2	22.92				
STD OREAS45P	Standard			1.0	3.5	0.5	3.6	0.6	1.6	0.2	1.7	0.2	3.54	13.2	23.5	1.1	18.98	2.0	21.78				
STD OREAS45P	Standard			1.1	3.6	0.6	3.6	0.6	1.7	0.2	1.6	0.2	3.62	14.7	24.6	1.2	19.59	2.0	23.36				
STD SO-18	Standard																			482	<1	25.0	6.9
STD SO-18	Standard																			482	<1	25.2	6.8



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 Saskatoon SK S7L 6H8 Canada

**Project:** True Blue  
**Report Date:** November 01, 2010

**Page:** 1 of 2 **Part** 4

QUALITY CONTROL REPORT

WHI10000083.2

Method		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
Analyte		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		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	0.02	0.05
Pulp Duplicates																					
26465	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 26465	QC																				
25920	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 25920	QC																				
25877	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 25877	QC																				
25742	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 25742	QC																				
25798	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 25798	QC																				
25794	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 25794	QC																				
Reference Materials																					
STD OREAS24P	Standard																				
STD OREAS24P	Standard																				
STD OREAS24P	Standard																				
STD OREAS24P	Standard																				
STD OREAS24P	Standard																				
STD OREAS45P	Standard																				
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STD OREAS45P	Standard																				
STD OREAS45P	Standard																				
STD OREAS45P	Standard																				
STD OREAS45P	Standard																				
STD SO-18	Standard	16.8	9.3	22.8	26.9	13	388.9	7.0	9.5	15.6	178	14.4	287.0	31.0	11.6	25.9	3.17	13.9	2.72	0.80	2.78
STD SO-18	Standard	16.6	9.0	18.7	26.9	13	386.4	7.4	9.4	15.5	180	14.5	286.8	30.8	11.6	25.6	3.19	14.2	2.81	0.80	2.75

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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

**Project:** True Blue  
**Report Date:** November 01, 2010

**Page:** 1 of 2 **Part** 5

# QUALITY CONTROL REPORT

WHI10000083.2

Method		4B	4B	4B	4B	4B	4B	4B
Analyte		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
Pulp Duplicates								
26465	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 26465	QC							
25920	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 25920	QC							
25877	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 25877	QC							
25742	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 25742	QC							
25798	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 25798	QC							
25794	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 25794	QC							
Reference Materials								
STD OREAS24P	Standard							
STD OREAS24P	Standard							
STD OREAS24P	Standard							
STD OREAS24P	Standard							
STD OREAS24P	Standard							
STD OREAS24P	Standard							
STD OREAS45P	Standard							
STD OREAS45P	Standard							
STD OREAS45P	Standard							
STD OREAS45P	Standard							
STD OREAS45P	Standard							
STD OREAS45P	Standard							
STD OREAS45P	Standard							
STD SO-18	Standard	0.48	2.74	0.56	1.66	0.27	1.66	0.25
STD SO-18	Standard	0.49	2.70	0.56	1.65	0.27	1.69	0.25

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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

WHI10000083.2

	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected		1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83	
STD OREAS45P Expected		2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3	
STD SO-18 Expected																					
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	11	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	11	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	21	<0.02	<0.2	<0.1	<0.1	<0.1	7	<0.02	<0.02	<0.04	<1	<0.02	
BLK	Blank	<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.08	3.13	18.64	47.5	<20	3.2	4.5	718	2.25	<0.2	2.3	<0.1	7.4	636	0.04	0.06	0.25	47	2.18	
G1	Prep Blank	0.13	3.57	18.69	50.2	<20	3.1	5.1	739	2.27	<0.2	2.5	<0.1	8.4	651	0.03	0.05	0.20	49	2.19	

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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

WHI10000083.2

		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
STD SO-18	Standard	0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
STD SO-18	Standard																				
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6	20		21.3	37.6	4.7	22	4.7	
STD OREAS45P Expected		0.047	24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5	67.1	0.03	13	48.9	6	23.2	4.24	
STD SO-18 Expected																					
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.02	14	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.53	<0.1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.87	<0.1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.078	21.7	4	0.57	940	0.230	6.49	2.672	2.90	0.1	11.5	1.5	3	3.9	<0.04	12.3	50.77	5.2	20.4	3.1
G1	Prep Blank	0.083	24.4	5	0.58	891	0.245	6.61	2.790	2.69	0.1	11.7	1.5	3	4.3	<0.04	13.4	56.34	5.7	21.9	3.6



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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 2 Part 3

QUALITY CONTROL REPORT

WHI10000083.2

		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
STD SO-18	Standard	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	25.1	6.8
STD SO-18	Standard																488	1	25.1	6.8	
STD OREAS24P Expected		1.6	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43				
STD OREAS45P Expected		1.1	3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5				
STD SO-18 Expected																	514	1	26.2	7.1	
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02				
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02				
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02				
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	0.6	<0.1	<0.04	<0.1	<0.02				
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02				
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02				
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02				
BLK	Blank																	<1	<1	<0.2	<0.1
BLK	Blank																	<1	<1	<0.2	<0.1
Prep Wash																					
G1	Prep Blank	0.7	2.6	0.4	2.4	0.4	1.5	0.2	1.5	0.2	0.53	37.5	104.7	1.4	25.69	4.7	18.00	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	0.8	3.0	0.4	2.9	0.5	1.5	0.2	1.5	0.2	0.62	36.5	107.5	1.6	27.26	4.8	19.15	N.A.	N.A.	N.A.	N.A.



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Project: True Blue

Report Date: November 01, 2010

Page: 2 of 2 Part 4

# QUALITY CONTROL REPORT

WHI10000083.2

		4B Ga	4B Hf	4B Nb	4B Rb	4B Sn	4B Sr	4B Ta	4B Th	4B U	4B V	4B W	4B Zr	4B Y	4B La	4B Ce	4B Pr	4B Nd	4B Sm	4B Eu	4B Gd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.02	0.05
STD SO-18	Standard	16.9	9.6	26.7	27.1	14	396.5	7.2	10.1	15.6	184	14.6	294.1	31.5	11.7	25.6	3.25	14.1	2.78	0.82	2.75
STD SO-18	Standard	16.7	9.5	22.5	26.6	13	384.4	7.5	9.6	15.4	179	14.4	283.9	30.9	11.0	24.6	3.18	14.2	2.75	0.80	2.80
STD OREAS24P Expected																					
STD OREAS45P Expected																					
STD SO-18 Expected		17.6	9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<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	<0.02	<0.05
BLK	Blank	<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	<0.02	<0.05
Prep Wash																					
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.





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Project: True Blue

Report Date: November 01, 2010

Page: 2 of 2 Part 5

## QUALITY CONTROL REPORT

WHI10000083.2

		4B Tb ppm 0.01	4B Dy ppm 0.05	4B Ho ppm 0.02	4B Er ppm 0.03	4B Tm ppm 0.01	4B Yb ppm 0.05	4B Lu ppm 0.01
STD SO-18	Standard	0.51	2.76	0.58	1.74	0.27	1.67	0.25
STD SO-18	Standard	0.49	2.74	0.57	1.68	0.26	1.68	0.25
STD OREAS24P	Expected							
STD OREAS45P	Expected							
STD SO-18	Expected	0.53	3	0.62	1.84	0.27	1.79	0.27
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
Prep Wash								
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: August 06, 2010  
Report Date: November 01, 2010  
Page: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI10000244.2

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-013  
P.O. Number  
Number of Samples: 33

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	32	Crush, split and pulverize 250 g rock to 200 mesh			WHI
Group 1T	32	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
4B03	1	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed	VAN

### ADDITIONAL COMMENTS

Version 2: 4B03 analysis included



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

WHI10000244.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
333129	Rock	0.80	2.10	26.13	3.15	26.9	<20	48.8	12.7	80	1.21	4.5	2.1	<0.1	11.4	11	0.29	0.89	0.23	287	0.21
333130	Rock	0.76	1.43	15.62	9.15	244.9	<20	33.3	6.0	135	1.03	5.9	1.6	<0.1	7.0	16	1.76	0.77	0.16	276	0.21
333131	Rock	1.07	2.08	11.58	3.81	78.5	<20	31.8	3.1	169	1.06	12.4	1.9	<0.1	9.4	27	0.41	0.90	0.28	274	0.50
333132	Rock	0.84	2.29	19.87	4.97	68.3	<20	23.0	4.3	89	1.22	8.0	2.5	<0.1	8.8	19	0.27	1.03	0.28	282	0.14
333133	Rock	0.74	2.27	14.19	7.75	48.3	<20	16.3	1.6	25	1.24	7.1	2.6	<0.1	10.4	18	0.08	2.07	0.32	338	0.11
333134	Rock	0.78	11.04	38.66	5.60	53.8	145	13.4	1.0	39	1.36	22.1	2.4	<0.1	4.8	77	0.26	2.21	0.06	506	0.12
333135	Rock	0.64	0.30	11.00	17.99	71.3	159	14.9	8.4	679	3.57	3.9	1.2	<0.1	6.2	82	0.25	1.02	0.84	55	10.05
333136	Rock	0.74	8.42	27.06	10.41	140.5	85	54.1	11.1	210	4.21	19.2	4.7	<0.1	10.1	115	0.18	2.32	0.21	276	0.04
333137	Rock	0.82	0.21	2.48	4.38	26.3	152	11.6	1.8	335	0.42	6.7	1.0	<0.1	1.1	152	0.26	3.33	0.05	28	20.40
333138	Rock	0.58	11.37	36.20	10.44	79.7	64	62.6	1.1	60	2.11	7.7	3.6	<0.1	8.4	133	0.17	1.28	0.06	651	0.14
333139	Rock	0.68	0.54	8.86	7.13	42.5	82	16.3	6.9	293	1.69	5.4	1.5	<0.1	6.6	303	0.22	0.85	0.09	43	24.12
333140	Rock	1.36	13.67	3.24	2.34	13.9	<20	1.0	7.2	415	4.45	1.1	6.4	<0.1	44.3	40	0.20	0.51	0.14	2	1.10
333141	Rock	1.36	3.22	2.00	1.88	33.6	<20	31.0	4.9	387	2.60	3.7	1.3	<0.1	9.7	69	0.12	0.65	0.06	173	1.58
333142	Rock	1.16	2.76	1.14	1.64	13.6	<20	13.3	2.5	242	2.04	1.6	1.7	<0.1	11.4	41	0.09	0.39	<0.04	137	0.60
333143	Rock	1.16	2.55	0.93	1.92	33.6	<20	20.4	3.4	343	3.39	4.7	3.2	<0.1	18.5	39	0.16	0.55	0.23	215	0.53
333144	Rock	1.44	2.33	1.33	1.03	13.3	<20	20.4	2.6	194	0.93	3.0	0.6	<0.1	4.1	30	0.04	0.39	0.06	342	0.50
333145	Rock	1.30	10.80	1.78	2.25	14.5	<20	0.6	10.8	174	5.37	0.7	4.4	<0.1	37.1	23	0.31	0.62	<0.04	3	0.07
333146	Rock	1.26	8.08	2.31	2.92	51.9	<20	3.8	4.8	596	5.08	0.9	7.4	<0.1	40.8	41	0.30	0.44	<0.04	4	1.26
333147	Rock	1.33	1.87	0.88	1.76	77.7	<20	17.7	8.9	453	5.48	<0.2	0.7	<0.1	7.5	47	0.20	0.43	<0.04	20	0.72
333148	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.
333149	Rock	1.67	9.34	0.97	1.03	35.9	<20	49.7	3.4	153	1.39	<0.2	1.5	<0.1	9.6	53	0.12	0.35	<0.04	339	0.57
333150	Rock	1.78	5.59	0.69	0.92	24.1	<20	51.0	3.2	101	0.59	<0.2	1.1	<0.1	6.8	38	0.07	0.28	<0.04	285	0.40
333151	Rock	1.77	5.23	0.77	1.22	21.6	<20	39.4	2.0	102	0.72	<0.2	1.4	<0.1	8.7	26	0.05	0.23	<0.04	234	0.48
333152	Rock	1.37	5.53	0.77	1.87	129.6	<20	32.2	0.9	97	0.48	<0.2	3.0	<0.1	21.8	44	0.39	0.46	<0.04	173	0.89
333153	Rock	1.64	0.33	0.56	0.80	65.5	<20	31.9	3.2	175	1.83	0.2	1.2	<0.1	6.1	36	0.61	0.41	<0.04	229	1.00
333154	Rock	1.40	0.99	2.24	0.88	45.8	<20	37.7	9.5	252	2.93	1.6	2.2	<0.1	7.4	35	0.16	0.59	0.19	301	1.54
333155	Rock	1.41	0.65	1.91	0.99	45.2	<20	65.4	7.7	130	2.02	3.1	1.5	<0.1	7.7	29	0.07	0.50	0.24	464	0.50
333156	Rock	1.74	0.43	6.60	7.14	88.3	21	65.7	11.6	689	3.09	6.9	0.9	<0.1	7.7	211	0.28	1.68	0.58	271	3.99
333157	Rock	1.53	0.69	5.09	2.38	64.9	<20	30.7	12.5	477	2.40	2.2	0.7	<0.1	6.5	122	0.15	0.95	0.32	211	2.52
333158	Rock	1.43	0.32	6.66	2.82	73.4	<20	100.1	7.3	517	3.66	1.8	1.3	<0.1	4.2	100	0.26	0.97	0.19	313	3.75

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 Report Date: November 01, 2010

Page: 2 of 3 Part 2

CERTIFICATE OF ANALYSIS

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Method	Analyte	Unit	MDL	1T P	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
333129	Rock			0.097	8.3	49	0.53	729	0.198	5.90	0.891	2.09	2.9	66.2	2.1	3	9.4	<0.04	12.2	22.48	3.3	13.6	2.3
333130	Rock			0.081	8.2	48	0.57	1632	0.177	5.45	0.752	2.77	2.7	56.7	2.1	4	6.9	<0.04	10.3	24.89	4.2	19.0	3.7
333131	Rock			0.079	10.2	48	0.66	4557	0.184	5.46	0.112	4.07	3.9	72.3	2.2	2	7.8	0.07	8.7	25.08	3.8	15.2	2.8
333132	Rock			0.077	11.5	47	0.52	5751	0.178	5.26	0.146	4.28	4.4	67.2	1.4	7	7.4	<0.04	8.7	27.78	3.7	14.7	2.7
333133	Rock			0.082	10.7	55	0.87	4822	0.278	6.51	0.033	3.57	5.6	81.5	1.6	4	9.6	<0.04	7.9	23.58	3.3	13.7	2.5
333134	Rock			0.060	21.2	42	0.16	380	0.164	4.68	0.334	1.43	0.9	30.2	1.0	1	6.5	<0.04	3.4	38.57	4.8	17.1	2.2
333135	Rock			0.067	21.6	29	8.39	578	0.102	3.71	0.154	1.00	1.0	32.9	2.6	2	6.0	<0.04	7.4	41.72	4.9	19.0	3.0
333136	Rock			0.029	30.6	84	0.75	627	0.340	8.21	0.559	2.64	0.7	81.8	2.3	2	12.9	<0.04	6.3	65.14	8.4	30.5	4.9
333137	Rock			0.040	10.5	35	8.39	321	0.205	1.32	0.012	0.54	2.5	35.1	0.8	<1	2.9	<0.04	8.4	16.29	2.2	7.8	1.4
333138	Rock			0.113	26.0	70	0.47	436	0.266	6.89	0.582	2.08	1.0	38.6	1.4	2	8.8	<0.04	4.8	45.62	6.2	21.2	2.8
333139	Rock			0.028	24.4	28	2.17	246	0.146	4.46	0.134	1.24	0.4	30.4	1.1	<1	7.2	<0.04	10.9	46.86	5.7	21.5	3.2
333140	Rock			0.021	191.2	<1	1.16	446	0.089	7.65	5.044	1.14	3.4	255.9	13.7	3	0.6	0.42	42.6	364.8	37.5	126.9	19.0
333141	Rock			0.116	36.4	30	1.18	184	0.300	5.36	3.507	0.29	1.6	55.3	2.7	2	5.3	<0.04	17.2	67.13	7.9	28.3	4.8
333142	Rock			0.051	47.7	26	0.83	168	0.142	5.28	4.576	0.54	1.5	106.2	4.4	2	3.4	<0.04	19.3	89.00	10.0	33.3	5.6
333143	Rock			0.105	102.3	50	1.27	416	0.112	5.77	3.974	1.04	2.7	110.7	2.6	2	11.7	<0.04	31.6	195.2	21.4	79.1	12.8
333144	Rock			0.077	2.9	41	0.56	112	0.126	3.68	3.633	0.36	1.0	48.7	0.6	1	7.4	<0.04	5.5	6.64	1.0	4.1	0.7
333145	Rock			0.026	199.0	1	0.19	330	0.099	5.66	5.993	0.82	5.4	391.4	7.6	3	0.6	0.08	49.8	384.0	40.0	136.0	19.5
333146	Rock			0.020	204.6	2	1.14	443	0.072	7.44	4.140	2.15	5.4	157.9	7.6	4	0.8	0.19	49.4	391.2	41.5	139.6	19.1
333147	Rock			0.057	72.8	38	0.89	184	0.172	6.32	5.747	0.53	1.0	59.4	9.3	2	2.6	0.06	10.0	151.8	18.4	65.1	10.0
333148	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.
333149	Rock			0.086	23.0	49	1.95	209	0.195	4.97	3.265	0.78	3.3	46.0	3.3	2	10.1	<0.04	8.8	42.97	5.1	18.0	2.8
333150	Rock			0.085	7.8	37	1.11	199	0.215	4.89	3.436	1.11	3.9	57.5	2.9	2	5.9	<0.04	5.7	14.88	1.7	6.3	1.1
333151	Rock			0.080	14.9	27	1.15	259	0.131	5.17	2.393	1.61	2.0	47.9	3.5	3	6.2	<0.04	6.5	29.64	3.3	12.4	1.9
333152	Rock			0.152	15.3	28	1.22	249	0.326	6.80	3.900	1.71	3.3	133.0	3.3	2	12.8	<0.04	13.4	32.39	3.8	14.2	2.1
333153	Rock			0.116	8.4	31	2.92	150	0.364	7.02	4.271	0.36	3.5	58.8	3.0	1	11.4	0.04	7.2	20.84	3.1	13.9	2.9
333154	Rock			0.236	34.1	32	3.20	331	0.454	7.72	3.855	0.78	2.9	102.2	2.6	2	13.2	0.10	14.5	75.78	9.8	40.5	7.4
333155	Rock			0.171	19.1	44	2.51	303	0.376	7.26	4.570	0.56	7.0	60.5	2.3	1	10.4	0.07	8.1	48.78	7.1	31.8	6.6
333156	Rock			0.202	23.7	59	4.19	474	1.649	8.30	3.634	0.42	1.1	40.9	2.1	2	21.9	<0.04	20.5	61.75	8.3	36.4	6.5
333157	Rock			0.171	15.0	24	2.08	1739	1.258	6.42	3.492	0.60	1.1	32.6	2.1	3	14.9	0.06	14.0	36.70	4.7	20.3	4.3
333158	Rock			0.245	26.8	143	5.74	160	1.756	8.71	3.428	0.34	1.1	61.1	2.4	3	31.1	<0.04	33.7	78.11	11.2	51.0	9.6

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 3 Part 3

CERTIFICATE OF ANALYSIS

WHI10000244.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	1	1	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02				
333129	Rock	0.1	2.0	0.3	1.8	0.4	1.2	0.2	1.3	0.2	1.86	58.3	74.4	0.4	23.83	1.6	16.59	N.A.	N.A.	N.A.	N.A.
333130	Rock	<0.1	2.8	0.3	2.0	0.4	0.9	0.1	1.2	0.2	1.60	42.4	89.3	0.3	8.19	1.1	15.92	N.A.	N.A.	N.A.	N.A.
333131	Rock	<0.1	2.8	0.3	1.5	0.3	0.7	0.1	1.1	0.2	1.83	17.0	131.7	0.4	10.45	0.6	16.83	N.A.	N.A.	N.A.	N.A.
333132	Rock	<0.1	1.9	0.3	1.4	0.3	0.9	0.1	1.2	0.2	1.88	20.3	136.5	0.3	5.96	0.7	13.35	N.A.	N.A.	N.A.	N.A.
333133	Rock	<0.1	2.0	0.2	1.5	0.3	0.9	0.1	1.2	0.2	2.03	17.3	127.6	1.2	28.63	1.0	15.63	N.A.	N.A.	N.A.	N.A.
333134	Rock	0.4	1.5	0.2	0.8	0.1	0.3	<0.1	0.4	<0.1	0.84	20.5	80.1	0.3	4.68	3.3	13.36	N.A.	N.A.	N.A.	N.A.
333135	Rock	0.5	2.1	0.3	1.4	0.2	0.7	0.1	0.9	0.2	0.89	21.3	54.7	0.3	8.30	1.4	8.60	N.A.	N.A.	N.A.	N.A.
333136	Rock	0.8	2.8	0.4	1.8	0.3	0.7	0.1	1.0	0.2	2.60	45.8	117.3	0.7	15.16	4.6	27.33	N.A.	N.A.	N.A.	N.A.
333137	Rock	0.3	1.2	0.2	1.1	0.3	0.6	<0.1	0.5	<0.1	0.99	11.9	29.7	0.3	6.36	1.0	3.13	N.A.	N.A.	N.A.	N.A.
333138	Rock	0.5	1.6	0.2	1.0	0.2	0.4	<0.1	0.6	<0.1	1.10	34.1	98.9	0.5	7.84	3.8	20.00	N.A.	N.A.	N.A.	N.A.
333139	Rock	0.6	2.3	0.3	1.9	0.3	1.0	0.1	1.0	0.2	0.87	15.2	65.2	0.3	4.75	2.0	10.28	N.A.	N.A.	N.A.	N.A.
333140	Rock	2.4	13.4	2.1	11.1	1.8	4.7	0.6	4.1	0.5	5.59	15.8	42.1	13.2	305.5	0.7	45.11	N.A.	N.A.	N.A.	N.A.
333141	Rock	1.0	4.2	0.6	3.3	0.6	1.7	0.2	1.4	0.2	1.44	6.5	10.7	1.7	35.38	0.2	19.59	N.A.	N.A.	N.A.	N.A.
333142	Rock	0.8	4.4	0.8	4.6	0.8	2.2	0.3	1.9	0.2	2.26	5.9	8.3	3.7	93.28	0.2	24.31	N.A.	N.A.	N.A.	N.A.
333143	Rock	1.7	10.5	1.5	7.6	1.3	3.4	0.4	2.9	0.4	2.55	13.7	35.3	10.9	150.7	0.6	25.49	N.A.	N.A.	N.A.	N.A.
333144	Rock	<0.1	0.7	0.1	0.8	0.2	0.6	<0.1	0.6	<0.1	1.25	2.9	5.3	0.2	5.23	0.2	12.37	N.A.	N.A.	N.A.	N.A.
333145	Rock	2.9	13.4	2.3	12.4	2.1	6.0	0.8	5.1	0.7	8.31	3.8	18.8	25.7	461.8	0.4	44.55	N.A.	N.A.	N.A.	N.A.
333146	Rock	3.5	13.0	2.2	12.6	2.2	5.8	0.7	4.3	0.5	3.81	12.8	67.3	13.2	277.2	0.7	47.27	N.A.	N.A.	N.A.	N.A.
333147	Rock	2.0	6.4	0.8	3.4	0.4	1.0	0.1	0.9	0.1	1.23	7.8	7.1	2.5	52.28	0.3	33.23	N.A.	N.A.	N.A.	N.A.
333148	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.
333149	Rock	0.3	2.1	0.3	1.6	0.3	0.9	0.1	0.9	0.1	1.31	18.9	38.2	0.4	7.98	0.7	18.31	N.A.	N.A.	N.A.	N.A.
333150	Rock	0.2	1.0	0.2	0.9	0.2	0.6	<0.1	0.7	0.1	1.58	13.8	40.7	0.4	7.93	0.5	15.76	N.A.	N.A.	N.A.	N.A.
333151	Rock	0.2	1.7	0.2	1.3	0.2	0.6	<0.1	0.7	0.1	1.24	12.9	62.6	0.3	4.89	0.6	19.13	N.A.	N.A.	N.A.	N.A.
333152	Rock	0.2	2.2	0.4	2.5	0.5	1.4	0.2	1.4	0.2	3.11	12.1	56.3	6.9	105.1	0.6	25.06	N.A.	N.A.	N.A.	N.A.
333153	Rock	0.3	2.3	0.3	1.6	0.3	0.8	0.1	0.8	0.1	1.50	27.5	7.7	0.5	9.85	0.3	21.15	N.A.	N.A.	N.A.	N.A.
333154	Rock	1.2	5.9	0.7	3.3	0.5	1.4	0.2	1.5	0.2	2.48	25.1	30.4	1.0	16.91	0.4	23.80	N.A.	N.A.	N.A.	N.A.
333155	Rock	0.6	4.6	0.5	2.2	0.3	0.8	<0.1	0.9	0.1	1.53	30.2	19.7	0.6	10.89	0.3	22.35	N.A.	N.A.	N.A.	N.A.
333156	Rock	1.6	6.6	0.8	4.7	0.8	1.7	0.2	1.4	0.2	1.44	14.6	11.8	1.5	26.03	0.3	19.88	N.A.	N.A.	N.A.	N.A.
333157	Rock	1.0	4.3	0.6	3.4	0.5	1.3	0.1	1.0	0.1	1.03	9.8	17.1	1.1	19.56	0.3	16.36	N.A.	N.A.	N.A.	N.A.
333158	Rock	2.0	9.8	1.3	7.6	1.2	3.1	0.3	2.2	0.2	1.85	30.5	14.8	1.5	27.90	0.7	25.11	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 3 Part 4

CERTIFICATE OF ANALYSIS

WHI1000244.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		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	0.05	0.02	0.05
333129	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333130	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333131	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333132	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333133	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333134	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333135	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333136	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333137	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333138	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333139	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333140	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333141	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333142	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333143	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333144	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333145	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333146	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333147	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333148	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.
333149	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333150	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333151	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333152	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333153	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333154	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333155	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333156	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333157	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333158	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 3 Part 5

CERTIFICATE OF ANALYSIS

WHI1000244.2

Method	4B	4B	4B	4B	4B	4B	4B
Analyte	Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	0.05	0.02	0.03	0.01	0.05	0.01
333129	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333130	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333131	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333132	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333133	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333134	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333135	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333136	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333137	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333138	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333139	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333140	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333141	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333142	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333143	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333144	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333145	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333146	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333147	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333148	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
333149	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333150	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333151	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333152	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333153	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333154	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333155	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333156	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333157	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333158	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Project: True Blue  
 Report Date: November 01, 2010

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

WHI10000244.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
333159	Rock	1.59	0.43	5.25	2.23	53.0	<20	113.8	15.3	674	5.73	2.6	1.0	<0.1	2.8	98	0.29	1.26	0.12	316	4.26
333160	Rock	1.19	0.69	5.35	2.25	186.5	<20	112.8	12.2	1167	5.68	2.0	0.6	<0.1	2.9	107	0.19	1.29	0.84	518	2.60
25887	Rock	2.96	12.94	6.09	28.18	83.9	<20	13.6	4.4	585	2.29	2.8	80.6	<0.1	1162	171	0.86	1.19	0.23	435	2.60





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Page: 3 of 3 Part 2

CERTIFICATE OF ANALYSIS

WHI10000244.2

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
Unit		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
333159	Rock	0.243	29.6	206	6.09	83	1.172	7.68	2.187	0.11	1.4	40.7	4.3	3	33.1	<0.04	26.6	72.31	9.9	45.9	8.6
333160	Rock	0.289	10.1	70	7.17	882	1.691	10.45	2.829	0.69	1.9	36.5	4.0	6	35.2	<0.04	19.6	37.98	6.6	34.1	6.7
25887	Rock	0.021	284.1	86	1.97	478	0.403	5.41	2.528	1.80	11.4	658.7	23.3	20	54.0	<0.04	223.8	653.7	68.6	262.7	48.8



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 Report Date: November 01, 2010

Page: 3 of 3 Part 3

CERTIFICATE OF ANALYSIS

WHI1000244.2

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
Analyte	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1	
333159	Rock	2.6	7.4	1.1	6.1	1.0	2.3	0.3	1.6	0.2	1.17	26.4	6.9	1.2	21.90	0.6	24.37	N.A.	N.A.	N.A.	N.A.
333160	Rock	1.7	6.6	0.9	4.7	0.7	1.7	0.2	1.2	0.1	1.17	30.5	20.7	1.1	20.17	0.8	30.16	N.A.	N.A.	N.A.	N.A.
25887	Rock	3.4	43.1	7.0	45.5	7.9	19.7	2.4	15.2	1.8	12.72	36.4	96.7	59.2	1126	2.4	43.06	467	18	3.5	2.3



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Project: True Blue  
 Report Date: November 01, 2010

Page: 3 of 3 Part 4

CERTIFICATE OF ANALYSIS

WHI1000244.2

Method	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
Analyte	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	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	0.02	0.05	
333159	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
333160	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
25887	Rock	38.8	134.1	1272	91.0	25	174.6	84.0	1146	96.1	396	13.4	6501	307.2	263.4	578.5	64.24	265.6	48.56	3.68	43.65



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**Project:** True Blue  
**Report Date:** November 01, 2010

**Page:** 3 of 3 Part 5

CERTIFICATE OF ANALYSIS

WHI1000244.2

Method		4B	4B	4B	4B	4B	4B	4B
Analyte		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
333159	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333160	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
25887	Rock	8.04	45.33	8.89	26.50	4.11	25.83	3.62



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Project: True Blue  
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Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI10000244.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
Pulp Duplicates																					
333137	Rock	0.82	0.21	2.48	4.38	26.3	152	11.6	1.8	335	0.42	6.7	1.0	<0.1	1.1	152	0.26	3.33	0.05	28	20.40
REP 333137	QC		0.24	2.72	4.91	26.6	257	11.4	1.5	361	0.45	11.4	1.0	<0.1	1.3	155	0.26	3.31	0.06	29	21.05
Reference Materials																					
STD OREAS24P	Standard		1.51	52.63	3.12	122.5	45	147.6	47.2	1129	7.24	0.6	0.7	<0.1	2.7	375	0.11	0.09	<0.04	154	5.85
STD OREAS24P	Standard		1.58	55.65	2.66	125.3	29	148.3	47.3	1143	7.63	2.1	0.6	<0.1	2.8	397	0.17	0.08	<0.04	170	6.02
STD OREAS45P	Standard		1.99	699.6	21.30	135.4	348	369.4	121.8	1267	16.92	11.8	2.0	<0.1	8.9	32	0.18	0.79	0.20	248	0.28
STD OREAS45P	Standard		2.36	759.9	23.25	160.4	378	411.0	131.2	1397	19.62	13.5	2.3	<0.1	11.3	38	0.20	0.91	0.20	286	0.36
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected			1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45P Expected			2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3
STD SO-18 Expected																					
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.18	3.53	20.24	58.3	<20	3.7	5.2	715	2.24	0.5	2.6	<0.1	8.0	667	0.07	0.07	0.14	48	2.28
G1	Prep Blank		0.19	2.81	20.27	57.4	<20	3.8	5.3	738	2.26	1.1	2.4	<0.1	6.4	662	0.04	0.06	0.13	50	2.45



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Project: True Blue  
 Report Date: November 01, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI10000244.2

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
Unit		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
Pulp Duplicates																					
333137	Rock	0.040	10.5	35	8.39	321	0.205	1.32	0.012	0.54	2.5	35.1	0.8	<1	2.9	<0.04	8.4	16.29	2.2	7.8	1.4
REP 333137	QC	0.043	10.0	37	8.88	327	0.216	1.42	0.014	0.57	2.4	36.5	0.9	<1	3.5	0.07	8.9	16.38	2.2	8.1	1.2
Reference Materials																					
STD OREAS24P	Standard	0.135	18.9	194	4.01	281	1.070	7.62	2.455	0.68	0.5	137.7	1.6	<1	20.0	<0.04	23.5	38.84	5.1	22.0	4.8
STD OREAS24P	Standard	0.143	18.0	211	4.12	289	1.099	8.35	2.421	0.69	0.5	138.2	1.5	<1	20.5	<0.04	23.1	37.34	4.8	21.0	4.5
STD OREAS45P	Standard	0.044	25.0	1045	0.19	280	1.019	6.87	0.072	0.34	1.0	148.2	2.4	<1	61.3	<0.04	13.1	50.63	5.8	21.5	4.2
STD OREAS45P	Standard	0.047	28.1	1147	0.24	324	1.125	7.59	0.094	0.38	1.3	166.5	2.6	1	71.2	<0.04	15.8	57.00	6.6	25.8	4.8
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7
STD OREAS45P Expected		0.047	24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5		67.1	0.03	13	48.9	6	23.2	4.24
STD SO-18 Expected																					
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.084	24.9	5	0.60	900	0.259	6.75	2.777	3.04	0.2	14.4	1.7	2	4.6	<0.04	14.8	51.31	5.9	21.9	3.6
G1	Prep Blank	0.083	19.5	6	0.66	868	0.262	6.59	2.754	3.08	0.3	12.3	1.6	3	4.9	<0.04	14.2	44.03	5.2	19.1	3.2



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Saskatoon SK S7L 6H8 Canada

Project: True Blue  
Report Date: November 01, 2010

Page: 1 of 1 Part 3

# QUALITY CONTROL REPORT

WHI10000244.2

Method	Analyte	Unit	MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B		
				Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
Pulp Duplicates																							
333137	Rock			0.3	1.2	0.2	1.1	0.3	0.6	<0.1	0.5	<0.1	0.99	11.9	29.7	0.3	6.36	1.0	3.13	N.A.	N.A.	N.A.	N.A.
REP 333137	QC			0.3	1.2	0.2	1.1	0.2	0.6	<0.1	0.5	<0.1	0.92	13.0	30.8	0.3	6.38	1.0	3.31				
Reference Materials																							
STD OREAS24P	Standard			1.6	5.1	0.8	4.9	0.9	2.2	0.3	1.9	0.3	3.58	8.1	23.1	1.1	20.05	0.8	20.01				
STD OREAS24P	Standard			1.5	5.0	0.8	4.7	0.8	2.0	0.2	1.8	0.3	3.30	8.1	24.5	1.1	20.35	0.8	21.15				
STD OREAS45P	Standard			1.0	3.7	0.6	3.5	0.6	1.7	0.2	1.7	0.2	3.63	13.6	23.3	1.2	19.52	2.1	21.77				
STD OREAS45P	Standard			1.2	4.6	0.7	4.1	0.8	2.0	0.3	1.9	0.3	4.27	16.6	26.9	1.5	25.70	2.3	25.37				
STD SO-18	Standard																			482	<1	25.0	6.9
STD SO-18	Standard																			482	<1	25.2	6.8
STD OREAS24P Expected				1.6	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43				
STD OREAS45P Expected				1.1	3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5				
STD SO-18 Expected																				514	1	26.2	7.1
BLK	Blank			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02				
BLK	Blank			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02				
BLK	Blank																			<1	<1	<0.2	<0.1
Prep Wash																							
G1	Prep Blank			0.8	2.9	0.5	2.7	0.5	1.5	0.2	1.7	0.2	0.66	42.5	116.1	1.5	28.75	4.4	19.60	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank			0.8	2.4	0.4	2.5	0.5	1.6	0.2	1.6	0.2	0.69	43.9	110.6	1.4	27.13	4.7	19.62	N.A.	N.A.	N.A.	N.A.



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Project: True Blue  
 Report Date: November 01, 2010

Page: 1 of 1 Part 4

QUALITY CONTROL REPORT

WHI10000244.2

Method		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
Analyte		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		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	0.02	0.05
Pulp Duplicates																					
333137	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 333137	QC																				
Reference Materials																					
STD OREAS24P	Standard																				
STD OREAS24P	Standard																				
STD OREAS45P	Standard																				
STD OREAS45P	Standard																				
STD SO-18	Standard	16.8	9.3	22.8	26.9	13	388.9	7.0	9.5	15.6	178	14.4	287.0	31.0	11.6	25.9	3.17	13.9	2.72	0.80	2.78
STD SO-18	Standard	16.6	9.0	18.7	26.9	13	386.4	7.4	9.4	15.5	180	14.5	286.8	30.8	11.6	25.6	3.19	14.2	2.81	0.80	2.75
STD OREAS24P Expected																					
STD OREAS45P Expected																					
STD SO-18 Expected		17.6	9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<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	<0.02	<0.05
Prep Wash																					
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.





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**Project:** True Blue  
**Report Date:** November 01, 2010

**Page:** 1 of 1 **Part** 5

QUALITY CONTROL REPORT

WHI10000244.2

Method		4B	4B	4B	4B	4B	4B	4B
Analyte		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
Pulp Duplicates								
333137	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 333137	QC							
Reference Materials								
STD OREAS24P	Standard							
STD OREAS24P	Standard							
STD OREAS45P	Standard							
STD OREAS45P	Standard							
STD SO-18	Standard	0.48	2.74	0.56	1.66	0.27	1.66	0.25
STD SO-18	Standard	0.49	2.70	0.56	1.65	0.27	1.69	0.25
STD OREAS24P Expected								
STD OREAS45P Expected								
STD SO-18 Expected		0.53	3	0.62	1.84	0.27	1.79	0.27
BLK	Blank							
BLK	Blank							
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
Prep Wash								
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: August 06, 2010  
Report Date: November 01, 2010  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000245.2

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-016  
P.O. Number  
Number of Samples: 7

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

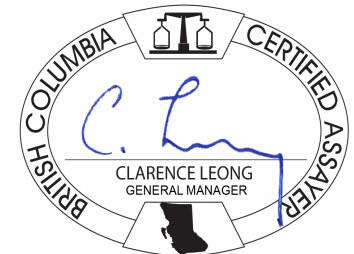
CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	7	Crush, split and pulverize 250 g rock to 200 mesh			WHI
Group 1T	7	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
4B03	5	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed	VAN

### ADDITIONAL COMMENTS

Version 2: 4B03 analysis included



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI10000245.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
333161	Rock	0.71	8.91	0.95	1.43	9.3	<20	45.7	1.6	253	0.81	2.9	2.2	<0.1	11.1	19	0.06	0.55	0.07	283	1.24
333162	Rock	0.81	18.12	4.00	11.42	20.1	<20	24.4	2.8	847	1.67	<0.2	146.5	<0.1	576.8	24	0.67	1.94	0.21	85	2.16
333163	Rock	0.84	5.29	1.80	9.51	100.8	<20	40.9	6.0	1557	4.38	6.9	34.8	<0.1	223.7	51	0.68	0.80	0.26	286	2.67
333164	Rock	0.84	26.82	2.09	20.85	36.9	<20	103.4	4.1	704	2.71	5.4	123.6	<0.1	1123	45	1.24	1.13	0.86	161	2.81
333165	Rock	0.71	1.16	0.93	1.38	9.0	<20	21.6	1.0	213	0.65	1.7	1.8	<0.1	12.0	19	0.07	0.28	<0.04	268	0.69
333166	Rock	0.71	34.41	4.94	34.89	198.5	<20	72.8	15.9	1184	5.12	9.8	152.1	*	1920	57	1.33	0.97	0.76	114	3.65
333167	Rock	0.91	9.79	3.37	114.7	260.1	*	8.1	2.4	6052	11.07	<0.2	83.2	<0.1	528.9	90	1.23	0.63	1.28	27	2.94



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Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

WHI10000245.2

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	
Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	
333161	Rock	0.095	32.2	32	0.82	803	0.139	6.46	0.276	3.28	3.1	59.9	4.4	7	7.4	<0.04	14.4	80.36	11.0	44.3	6.7
333162	Rock	0.041	276.5	12	1.04	611	0.199	4.67	0.106	2.32	24.8	309.0	9.6	11	4.8	<0.04	1026	798.0	111.4	633.5	177.9
333163	Rock	0.172	728.2	50	1.40	290	0.264	5.81	2.229	1.28	8.4	335.8	24.9	15	7.0	0.09	261.3	1227	111.4	396.0	61.2
333164	Rock	0.196	>2000	23	1.36	392	0.250	6.01	0.700	2.20	36.2	594.8	17.3	8	3.7	<0.04	959.2	>2000	424.4	1715	227.0
333165	Rock	0.090	27.6	31	0.49	305	0.181	6.06	1.872	2.20	2.0	54.3	2.3	4	5.8	<0.04	14.4	72.10	10.6	46.9	7.9
333166	Rock	0.154	1114	18	2.23	202	0.303	4.28	1.003	0.68	43.7	476.4	21.7	20	4.7	0.15	1074	>2000	225.8	1019	186.6
333167	Rock	0.006	383.5	3	0.27	62	0.102	4.57	3.781	0.03	1.6	232.1	43.1	15	0.5	<0.04	400.6	1003	102.5	388.1	78.7



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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 2 Part 3

CERTIFICATE OF ANALYSIS

WHI10000245.2

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
Analyte	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1	
333161	Rock	0.2	4.1	0.5	2.5	0.4	1.1	0.2	1.5	0.2	1.69	15.9	133.6	0.4	21.77	1.3	20.63	N.A.	N.A.	N.A.	N.A.
333162	Rock	12.1	198.2	31.1	187.9	32.3	79.1	9.7	61.8	7.0	5.91	15.7	101.1	17.6	1872	1.0	38.10	590	17	2.3	1.0
333163	Rock	5.4	55.6	8.7	53.4	9.8	24.2	3.0	19.6	2.2	6.59	18.0	63.8	48.1	1155	0.7	49.98	263	16	5.2	0.7
333164	Rock	13.6	175.5	26.1	164.4	27.9	73.1	9.0	58.5	6.7	11.07	17.7	101.8	53.7	>2000	1.1	71.21	360	9	3.6	0.9
333165	Rock	0.3	5.5	0.6	3.4	0.5	1.3	0.2	1.6	0.2	1.50	10.0	91.5	0.8	49.56	0.9	16.32	N.A.	N.A.	N.A.	N.A.
333166	Rock	13.4	196.1	30.4	191.2	33.7	86.6	10.6	66.0	7.5	10.13	28.0	34.2	70.9	>2000	0.5	56.72	192	21	13.6	0.4
333167	Rock	7.9	82.9	14.6	93.0	16.7	44.7	5.4	33.8	3.7	3.91	2.3	3.8	17.0	404.8	<0.1	76.19	61	13	1.4	<0.1



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Page: 2 of 2 Part 4

CERTIFICATE OF ANALYSIS

WHI10000245.2

Method		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
Analyte		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		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	0.02	0.05
333161	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333162	Rock	34.3	44.2	4850	94.2	10	23.0	89.6	541.5	156.8	87	65.0	2527	1005	250.5	653.9	100.4	582.8	173.1	12.08	186.8
333163	Rock	44.5	46.8	1263	56.7	27	49.1	56.5	220.7	42.3	257	9.8	2435	314.7	540.7	1037	101.4	394.7	58.77	5.27	49.39
333164	Rock	54.9	55.0	3838	91.3	17	41.2	76.9	1109	133.1	153	39.0	2854	925.8	1836	3837	378.1	1500	206.9	12.21	158.2
333165	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333166	Rock	46.4	53.2	3463	30.6	22	54.5	82.1	1833	155.3	112	46.3	2978	1014	797.4	1814	202.3	913.6	177.4	12.40	170.5
333167	Rock	68.9	65.7	2922	3.3	81	84.6	104.8	478.4	94.0	29	15.2	3751	467.7	340.2	793.6	92.16	388.7	73.04	7.47	72.38



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226 Cardinal Crescent

Saskatoon SK S7L 6H8 Canada

Project: True Blue

Report Date: November 01, 2010

Page: 2 of 2 Part 5

# CERTIFICATE OF ANALYSIS

# WHI1000245.2

Method		4B	4B	4B	4B	4B	4B	4B
Analyte		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
333161	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333162	Rock	31.68	161.8	29.09	76.33	10.69	60.20	7.25
333163	Rock	8.83	48.19	9.30	26.68	4.11	25.77	3.59
333164	Rock	25.75	133.3	24.23	67.29	9.83	57.02	7.09
333165	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333166	Rock	29.59	156.6	28.75	78.56	11.47	65.40	8.09
333167	Rock	14.08	78.37	15.20	44.62	6.75	41.46	5.48



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Project: True Blue  
 Report Date: November 01, 2010

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI10000245.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
Pulp Duplicates																					
333161	Rock	0.71	8.91	0.95	1.43	9.3	<20	45.7	1.6	253	0.81	2.9	2.2	<0.1	11.1	19	0.06	0.55	0.07	283	1.24
REP 333161	QC		8.27	0.91	1.41	8.2	<20	45.4	1.6	248	0.75	3.2	2.2	<0.1	11.3	20	0.06	0.56	0.07	282	1.27
Reference Materials																					
STD OREAS24P	Standard		1.58	55.65	2.66	125.3	29	148.3	47.3	1143	7.63	2.1	0.6	<0.1	2.8	397	0.17	0.08	<0.04	170	6.02
STD OREAS45P	Standard		2.36	759.9	23.25	160.4	378	411.0	131.2	1397	19.62	13.5	2.3	<0.1	11.3	38	0.20	0.91	0.20	286	0.36
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected			1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45P Expected			2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3
STD SO-18 Expected																					
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.19	2.73	18.00	54.7	<20	3.6	5.3	732	2.27	1.1	3.3	<0.1	9.1	673	0.04	0.05	0.11	52	2.33
G1	Prep Blank		0.21	2.98	17.70	51.8	<20	3.1	5.2	750	2.39	0.8	2.9	<0.1	11.4	692	0.03	0.04	0.07	54	2.30





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Project: True Blue  
 Report Date: November 01, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI10000245.2

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
Unit		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
Pulp Duplicates																					
333161	Rock	0.095	32.2	32	0.82	803	0.139	6.46	0.276	3.28	3.1	59.9	4.4	7	7.4	<0.04	14.4	80.36	11.0	44.3	6.7
REP 333161	QC	0.094	33.7	32	0.83	826	0.147	6.66	0.276	3.36	3.0	61.1	4.3	7	7.7	<0.04	14.2	81.71	11.5	45.9	6.8
Reference Materials																					
STD OREAS24P	Standard	0.143	18.0	211	4.12	289	1.099	8.35	2.421	0.69	0.5	138.2	1.5	<1	20.5	<0.04	23.1	37.34	4.8	21.0	4.5
STD OREAS45P	Standard	0.047	28.1	1147	0.24	324	1.125	7.59	0.094	0.38	1.3	166.5	2.6	1	71.2	<0.04	15.8	57.00	6.6	25.8	4.8
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7
STD OREAS45P Expected		0.047	24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5		67.1	0.03	13	48.9	6	23.2	4.24
STD SO-18 Expected																					
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.075	26.4	5	0.64	895	0.264	7.27	2.761	3.14	0.3	10.8	1.6	3	5.2	<0.04	15.5	54.11	6.2	23.5	3.7
G1	Prep Blank	0.080	27.9	5	0.62	1093	0.267	7.11	2.825	3.24	0.2	11.9	1.6	3	5.5	<0.04	15.6	59.13	6.6	25.3	3.9

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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**Project:** True Blue  
**Report Date:** November 01, 2010

**Page:** 1 of 1 Part 3

QUALITY CONTROL REPORT

WHI10000245.2

Method	Analyte	Unit	MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B		
				Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Pulp Duplicates				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
333161	Rock			0.2	4.1	0.5	2.5	0.4	1.1	0.2	1.5	0.2	1.69	15.9	133.6	0.4	21.77	1.3	20.63	N.A.	N.A.	N.A.	N.A.
REP 333161	QC			0.2	4.7	0.4	2.5	0.4	1.1	0.2	1.4	0.2	1.61	15.9	139.5	0.4	22.41	1.4	20.65				
Reference Materials																							
STD OREAS24P	Standard			1.5	5.0	0.8	4.7	0.8	2.0	0.2	1.8	0.3	3.30	8.1	24.5	1.1	20.35	0.8	21.15				
STD OREAS45P	Standard			1.2	4.6	0.7	4.1	0.8	2.0	0.3	1.9	0.3	4.27	16.6	26.9	1.5	25.70	2.3	25.37				
STD SO-18	Standard																			482	<1	25.0	6.9
STD SO-18	Standard																			482	<1	25.2	6.8
STD OREAS24P Expected				1.6	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43				
STD OREAS45P Expected				1.1	3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5				
STD SO-18 Expected																				514	1	26.2	7.1
BLK	Blank			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02				
BLK	Blank																			<1	<1	<0.2	<0.1
Prep Wash																							
G1	Prep Blank			0.8	3.8	0.4	2.9	0.5	1.5	0.2	1.6	0.2	0.59	40.8	134.9	1.5	26.75	4.8	19.34	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank			0.8	3.5	0.4	2.7	0.5	1.5	0.2	1.7	0.2	0.63	38.5	128.6	1.5	28.36	4.7	18.86	N.A.	N.A.	N.A.	N.A.



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Project: True Blue

Report Date: November 01, 2010

Page: 1 of 1 Part 4

# QUALITY CONTROL REPORT

WHI10000245.2

Method		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
Analyte		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		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	0.02	0.05
Pulp Duplicates																					
333161	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 333161	QC																				
Reference Materials																					
STD OREAS24P	Standard																				
STD OREAS45P	Standard																				
STD SO-18	Standard	16.8	9.3	22.8	26.9	13	388.9	7.0	9.5	15.6	178	14.4	287.0	31.0	11.6	25.9	3.17	13.9	2.72	0.80	2.78
STD SO-18	Standard	16.6	9.0	18.7	26.9	13	386.4	7.4	9.4	15.5	180	14.5	286.8	30.8	11.6	25.6	3.19	14.2	2.81	0.80	2.75
STD OREAS24P Expected																					
STD OREAS45P Expected																					
STD SO-18 Expected		17.6	9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93
BLK	Blank																				
BLK	Blank	<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	<0.02	<0.05
Prep Wash																					
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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Project: True Blue

Report Date: November 01, 2010

Page: 1 of 1 Part 5

## QUALITY CONTROL REPORT

WHI10000245.2

Method		4B	4B	4B	4B	4B	4B	4B
Analyte		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
Pulp Duplicates								
333161	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 333161	QC							
Reference Materials								
STD OREAS24P	Standard							
STD OREAS45P	Standard							
STD SO-18	Standard	0.48	2.74	0.56	1.66	0.27	1.66	0.25
STD SO-18	Standard	0.49	2.70	0.56	1.65	0.27	1.69	0.25
STD OREAS24P Expected								
STD OREAS45P Expected								
STD SO-18 Expected		0.53	3	0.62	1.84	0.27	1.79	0.27
BLK	Blank							
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
Prep Wash								
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: August 06, 2010  
Report Date: November 03, 2010  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000246.2

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-017  
P.O. Number  
Number of Samples: 25

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

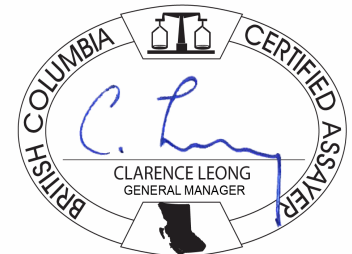
CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	25	Crush, split and pulverize 250 g rock to 200 mesh			WHI
Group 1T	25	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
4B03	18	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed	VAN

### ADDITIONAL COMMENTS

Version 2: 4B03 analysis included



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
Report Date: November 03, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI10000246.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
334003	Rock	3.10	9.06	2.84	19.04	133.2	<20	15.4	4.8	817	3.40	1.1	26.4	<0.1	321.4	327	0.50	1.58	0.22	433	4.31
334004	Rock	4.93	5.60	2.57	12.14	96.7	<20	1.6	4.2	1038	4.73	3.3	97.6	<0.1	204.5	588	1.38	1.24	0.62	12	6.39
334006	Rock	0.62	0.61	18.08	41.98	598.0	*	10.9	1.5	2434	6.12	6.0	305.4	<0.1	1731	348	3.50	1.28	0.26	15	3.60
334007	Rock	1.73	1.75	21.93	81.29	114.8	<20	49.9	6.9	511	4.74	29.7	126.9	<0.1	>2000	25	0.78	1.26	0.44	102	0.66
334008	Rock	0.86	6.70	1.46	15.37	256.5	<20	12.0	1.9	3726	8.18	0.5	33.5	<0.1	210.2	28	0.90	0.91	0.21	34	0.49
334009	Rock	0.90	3.12	2.86	24.07	80.6	<20	26.6	3.6	593	3.00	<0.2	371.1	<0.1	1477	28	1.76	0.80	0.26	44	2.05
334010	Rock	1.05	3.17	1.28	75.01	275.4	<20	6.2	2.2	4483	11.24	0.6	31.6	<0.1	278.8	143	1.32	0.78	0.44	36	3.47
334011	Rock	0.90	116.8	7.16	136.3	78.3	<20	126.6	12.3	1392	3.60	9.8	355.8	<0.1	>2000	48	0.98	1.52	1.45	103	3.90
334012	Rock	0.70	12.44	1.88	26.45	28.7	<20	17.4	3.2	1091	1.88	<0.2	355.4	<0.1	1126	43	1.34	1.15	0.43	41	3.89
334013	Rock	0.84	9.71	5.66	17.60	270.2	<20	104.1	26.7	956	6.54	30.5	162.7	<0.1	669.7	53	1.52	0.94	1.36	97	3.28
334014	Rock	1.24	18.21	2.01	52.46	36.0	<20	28.3	7.5	584	2.05	7.3	507.0	<0.1	>2000	36	0.85	1.28	0.44	252	3.59
334015	Rock	0.78	2.69	4.97	6.68	74.2	<20	0.2	2.0	494	4.31	2.9	52.0	<0.1	148.0	53	0.32	0.33	0.11	<1	1.25
334125	Rock	0.66	6.05	9.92	15.93	161.4	<20	1.1	1.5	1190	3.57	4.2	9.5	<0.1	51.5	30	0.57	1.08	0.24	5	0.05
334126	Rock	0.84	5.26	1.11	10.16	37.6	<20	0.4	0.6	412	2.48	6.7	4.6	<0.1	32.8	8	0.28	0.85	0.21	5	0.69
334127	Rock	0.28	2.81	1.77	4.22	101.1	<20	3.6	1.7	295	6.90	1.1	4.5	<0.1	40.5	5	0.52	1.09	0.25	7	0.04
334128	Rock	0.33	5.79	3.22	18.39	76.1	<20	1.0	1.1	351	3.80	5.0	4.8	<0.1	22.3	15	0.34	0.85	0.07	5	<0.02
334129	Rock	0.52	0.85	1.29	5.97	91.7	<20	0.8	1.6	402	7.30	6.2	1.5	<0.1	20.1	16	0.20	1.34	0.19	2	<0.02
334130	Rock	0.54	0.62	4.40	1.58	10.0	<20	0.4	1.7	495	1.37	1.6	1.8	<0.1	22.0	64	0.15	0.26	<0.04	3	0.65
334131	Rock	0.49	5.23	1.57	37.68	5.7	<20	0.5	0.3	19	0.62	7.1	4.6	<0.1	23.8	27	0.44	1.53	0.80	13	<0.02
334132	Rock	0.48	4.82	3.44	3.01	113.7	<20	0.4	0.9	390	4.47	1.5	0.9	<0.1	4.5	21	0.08	0.43	0.08	2	0.10
334133	Rock	0.36	5.68	1.79	2.61	36.2	<20	0.5	1.0	1162	7.12	0.8	1.8	<0.1	18.1	26	0.17	0.23	<0.04	1	0.03
334134	Rock	0.36	1.17	1.29	13.51	14.2	<20	0.4	0.3	194	1.26	0.6	3.3	<0.1	39.5	31	0.14	0.26	<0.04	1	0.05
334135	Rock	0.48	2.65	3.45	10.27	63.7	<20	0.5	2.2	328	4.27	1.4	7.1	<0.1	59.6	75	0.17	0.40	0.07	3	0.66
334136	Rock	0.52	1.86	2.14	3.40	54.3	<20	0.7	0.9	185	1.52	1.2	0.9	<0.1	23.4	61	0.13	0.22	0.08	6	0.22
334137	Rock	0.24	2.61	2.39	4.03	27.0	<20	0.5	0.9	108	1.21	2.0	1.1	<0.1	9.5	22	0.19	0.42	0.04	12	0.09



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**Project:** True Blue  
**Report Date:** November 03, 2010

**Page:** 2 of 2 Part 2

# CERTIFICATE OF ANALYSIS

WHI10000246.2

Method	Analyte	Unit	MDL	1T P	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
334003	Rock			0.009	157.3	88	2.67	358	0.414	6.06	3.807	1.58	9.4	282.9	9.1	26	52.7	<0.04	168.7	327.3	36.5	158.0	30.9
334004	Rock			<0.001	1194	1	1.05	637	0.248	2.94	0.553	1.05	1.3	1115	130.4	19	1.0	0.12	544.1	>2000	227.7	969.6	140.8
334006	Rock			0.036	>2000	4	0.95	1959	0.178	2.20	0.028	2.14	0.2	>2000	74.9	134	0.9	0.14	1032	>2000	540.0	>2000	235.5
334007	Rock			0.142	1254	9	1.21	929	0.278	2.99	0.020	1.88	18.1	274.5	8.6	510	3.9	<0.04	>2000	>2000	669.7	>2000	856.7
334008	Rock			0.012	456.3	8	0.06	165	0.123	5.27	4.554	0.05	0.6	167.4	31.7	19	1.0	<0.04	157.3	1019	94.5	341.6	53.4
334009	Rock			0.065	258.9	5	1.15	277	0.201	2.68	0.563	0.63	6.3	1575	6.7	40	2.3	<0.04	1609	992.8	155.6	986.3	231.8
334010	Rock			0.007	427.1	4	0.73	30	0.117	4.57	3.982	0.02	3.8	207.3	24.3	31	0.5	<0.04	179.3	944.7	89.0	322.8	52.6
334011	Rock			0.116	1233	6	2.10	434	0.259	4.19	0.079	1.64	32.3	404.3	7.9	8	8.7	0.20	>2000	>2000	362.0	1999	426.1
334012	Rock			0.043	368.2	4	1.32	194	0.235	2.56	1.519	0.36	5.7	1094	15.7	43	1.0	<0.04	1316	1070	144.7	843.9	174.7
334013	Rock			0.081	>2000	4	2.44	55	0.404	4.32	1.440	0.06	23.5	688.8	46.7	15	2.2	0.36	659.5	>2000	315.8	1332	171.5
334014	Rock			0.042	1230	135	1.70	476	0.175	3.51	0.113	1.56	8.8	579.8	4.0	9	23.3	0.14	1685	>2000	469.1	>2000	366.2
334015	Rock			0.005	175.6	<1	0.76	1774	0.217	7.13	2.348	5.47	2.5	121.2	15.9	13	1.1	<0.04	144.9	319.0	31.4	115.6	18.5
334125	Rock			0.020	112.0	2	0.28	4357	0.218	7.43	2.222	5.25	3.2	432.3	6.1	3	2.0	0.12	58.3	232.9	21.8	84.0	12.9
334126	Rock			0.016	99.9	1	0.47	2355	0.147	5.58	0.034	4.00	2.2	254.1	8.0	5	1.4	0.06	35.5	189.2	20.0	77.1	11.3
334127	Rock			0.032	187.0	8	0.55	2408	0.259	8.19	0.022	5.33	4.3	307.7	13.2	14	2.4	<0.04	37.6	368.2	39.3	148.5	24.1
334128	Rock			0.025	65.9	<1	0.46	4860	0.184	8.27	0.259	5.17	3.6	259.3	6.1	5	2.3	<0.04	20.8	133.2	15.5	57.1	8.4
334129	Rock			0.018	163.3	<1	0.83	2199	0.369	8.49	2.416	3.62	3.6	121.1	6.7	4	0.8	<0.04	23.1	324.6	34.4	134.8	21.4
334130	Rock			0.026	74.9	<1	0.07	216	0.129	7.09	6.292	0.42	1.6	97.1	3.4	4	1.6	<0.04	16.2	150.9	16.3	61.8	8.2
334131	Rock			0.003	6.4	4	0.06	7985	0.267	6.85	0.123	5.84	2.8	441.9	4.2	1	1.5	0.13	34.9	11.26	1.3	4.4	1.1
334132	Rock			0.032	20.4	<1	0.60	472	0.394	7.12	4.980	3.54	1.6	41.0	2.1	3	2.2	<0.04	12.7	45.84	5.9	25.1	4.6
334133	Rock			0.014	62.1	<1	0.14	119	0.097	5.83	4.708	0.95	3.4	115.4	6.7	5	0.7	<0.04	12.6	130.1	14.2	58.7	9.4
334134	Rock			0.009	69.7	<1	0.09	1455	0.106	7.38	3.387	5.29	6.3	92.6	4.6	4	1.8	<0.04	19.8	126.6	11.7	41.5	6.6
334135	Rock			0.035	195.9	<1	0.27	787	0.324	7.96	4.058	4.96	3.6	68.1	14.3	10	1.7	<0.04	63.8	354.7	33.9	114.7	16.0
334136	Rock			0.014	10.8	<1	0.57	593	0.148	5.08	5.225	2.87	2.3	49.4	3.6	9	1.7	<0.04	18.7	25.59	3.3	15.6	3.9
334137	Rock			0.028	20.1	1	0.08	714	0.264	5.62	3.957	4.83	4.9	52.3	9.1	4	2.4	<0.04	6.2	40.67	4.6	16.9	2.6



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Project: True Blue  
 Report Date: November 03, 2010

Page: 2 of 2 Part 3

CERTIFICATE OF ANALYSIS

WHI10000246.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
334003	Rock	1.9	30.2	4.8	30.9	5.8	15.1	1.9	12.0	1.6	6.99	49.4	91.6	49.2	775.9	4.0	40.62	388	26	4.7	4.0
334004	Rock	13.6	115.9	19.3	119.4	20.4	44.1	4.5	24.1	2.6	20.29	9.3	67.5	13.9	405.1	4.9	51.28	N.A.	N.A.	N.A.	N.A.
334006	Rock	20.1	172.8	27.0	159.3	29.8	70.9	8.7	54.0	6.3	27.91	17.2	219.8	1.6	207.2	5.1	51.86	N.A.	N.A.	N.A.	N.A.
334007	Rock	34.8	638.6	87.1	514.6	99.7	281.3	38.7	251.0	30.3	4.80	10.0	83.6	47.0	747.5	1.9	25.46	N.A.	N.A.	N.A.	N.A.
334008	Rock	4.7	42.2	6.7	39.9	7.1	16.9	2.1	11.2	1.3	2.79	3.5	4.9	13.1	327.8	0.2	70.33	177	20	2.8	0.1
334009	Rock	13.6	242.0	37.5	233.0	43.8	119.1	14.8	90.7	10.7	19.23	16.8	33.4	23.7	980.6	0.5	29.14	285	52	3.5	0.5
334010	Rock	4.7	43.2	7.1	43.9	8.1	20.2	2.4	13.3	1.5	3.92	2.2	1.5	32.2	770.5	<0.1	60.83	30	29	2.2	<0.1
334011	Rock	29.7	463.5	72.6	438.1	79.8	201.1	23.7	146.3	17.4	5.62	31.7	73.3	8.3	>2000	1.2	46.69	N.A.	N.A.	N.A.	N.A.
334012	Rock	10.1	188.3	30.0	187.1	36.8	96.7	11.6	71.3	8.0	16.49	24.1	17.6	10.8	791.0	0.3	34.26	N.A.	N.A.	N.A.	N.A.
334013	Rock	11.4	123.4	17.9	109.0	20.3	51.3	6.3	41.2	5.3	14.42	34.3	3.0	87.9	>2000	0.2	63.02	N.A.	N.A.	N.A.	N.A.
334014	Rock	25.8	309.0	45.5	273.0	50.0	124.2	15.7	97.6	11.3	9.18	17.2	57.6	13.3	1004	0.9	28.27	N.A.	N.A.	N.A.	N.A.
334015	Rock	0.5	18.4	3.3	22.0	4.7	14.1	1.9	13.2	1.9	3.03	52.0	276.2	34.0	537.8	3.7	36.49	1891	10	2.2	3.8
334125	Rock	0.5	11.4	2.0	12.8	2.5	7.0	0.9	6.3	0.8	9.99	19.7	158.9	13.0	252.3	1.7	22.91	3724	4	1.5	1.4
334126	Rock	0.5	8.8	1.3	7.5	1.5	4.0	0.6	3.8	0.5	6.33	29.9	144.5	5.7	122.1	1.1	26.66	2397	7	0.9	1.2
334127	Rock	1.8	19.3	2.3	10.0	1.5	4.0	0.6	3.9	0.5	6.18	46.5	249.5	9.7	224.5	3.7	43.42	2372	10	1.8	3.5
334128	Rock	0.3	6.9	0.9	5.2	1.0	2.6	0.4	2.6	0.4	5.65	53.3	146.1	5.0	100.3	1.6	27.98	4600	5	1.3	1.6
334129	Rock	2.5	15.6	1.7	7.8	1.1	2.4	0.4	2.3	0.3	2.69	18.6	121.5	13.6	277.4	4.3	41.45	2195	3	1.9	4.1
334130	Rock	0.6	5.9	0.7	4.2	0.8	1.9	0.3	1.7	0.2	2.30	6.0	13.5	3.5	69.18	0.3	20.74	233	3	1.7	0.3
334131	Rock	<0.1	2.7	0.8	6.5	1.6	4.8	0.6	4.4	0.6	9.62	5.7	113.7	11.8	207.1	1.6	22.52	7727	2	0.4	1.6
334132	Rock	0.6	4.0	0.6	3.4	0.6	1.8	0.2	1.5	0.2	0.84	15.5	100.5	6.1	110.4	5.4	31.79	697	3	2.1	5.9
334133	Rock	1.0	6.9	0.8	3.8	0.6	1.5	0.2	1.8	0.3	2.55	19.7	29.7	3.6	78.37	0.8	39.14	148	6	1.8	0.7
334134	Rock	0.2	5.7	0.9	4.7	0.9	2.5	0.4	2.6	0.3	2.33	14.8	125.3	7.3	119.4	0.9	31.73	1592	4	1.0	0.8
334135	Rock	0.8	13.4	2.0	11.9	2.4	6.9	0.9	6.7	0.9	1.97	14.6	277.3	26.6	529.5	3.6	33.63	886	12	2.4	3.7
334136	Rock	0.2	3.8	0.6	4.3	0.9	2.6	0.4	2.7	0.3	1.58	20.6	99.3	6.2	113.8	1.5	30.19	1114	11	1.2	1.9
334137	Rock	0.4	2.1	0.3	1.6	0.3	0.8	0.1	1.0	0.1	1.90	17.6	108.2	3.8	64.97	1.3	22.07	1375	5	1.4	1.5





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 Report Date: November 03, 2010

Page: 2 of 2 Part 4

CERTIFICATE OF ANALYSIS

WHI10000246.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		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	0.05	0.02	0.05	
334003	Rock	41.5	67.2	866.5	104.9	9	343.8	54.1	347.9	33.7	423	8.7	2840	202.9	163.2	339.8	39.50	158.0	32.30	2.07	32.24
334004	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334006	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334007	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334008	Rock	69.3	89.8	1751	5.9	83	29.9	76.6	249.3	44.2	55	6.4	5002	316.1	492.0	984.4	102.7	358.3	59.17	5.36	54.94
334009	Rock	28.2	146.6	6899	35.1	15	29.5	148.4	1476	396.9	55	46.6	7892	1514	249.9	877.2	152.8	834.3	226.3	13.69	259.2
334010	Rock	57.2	77.0	1365	2.0	98	145.5	72.6	322.4	40.6	44	6.6	4224	315.4	420.4	866.8	90.39	321.4	55.51	5.32	53.87
334011	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334012	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334013	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334014	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334015	Rock	34.9	94.8	1186	333.1	16	56.6	74.3	176.0	64.2	<8	9.5	3214	176.1	191.8	354.8	34.99	119.6	20.45	0.76	19.84
334125	Rock	20.6	25.8	260.8	176.4	6	30.6	14.6	59.6	12.0	<8	3.2	995.3	81.8	105.5	229.6	21.60	77.9	12.52	1.04	11.45
334126	Rock	25.5	13.8	196.4	178.2	8	8.6	10.4	34.2	6.8	<8	3.3	583.6	48.7	97.7	188.4	19.51	71.3	10.58	0.73	8.50
334127	Rock	37.7	34.7	403.2	274.1	12	5.4	21.1	58.8	11.2	<8	5.4	1431	126.3	211.7	401.6	42.59	156.1	25.58	2.25	23.90
334128	Rock	27.1	16.9	135.0	214.9	7	16.9	6.9	27.1	6.8	<8	4.5	682.9	36.6	90.9	162.9	18.06	65.1	9.73	1.10	7.45
334129	Rock	40.5	23.2	295.9	138.1	6	16.9	15.3	31.1	5.4	<8	3.7	951.4	98.1	168.1	336.2	36.38	136.7	22.62	3.21	21.37
334130	Rock	19.9	14.6	117.7	16.9	4	74.4	6.5	27.2	3.7	<8	2.9	588.9	36.4	95.9	179.9	18.80	64.6	9.66	0.79	7.28
334131	Rock	22.2	38.8	377.6	212.1	6	31.5	22.0	49.6	12.0	18	4.7	1546	99.6	8.1	14.6	1.50	5.6	1.68	0.59	4.33
334132	Rock	33.0	6.6	134.0	133.4	2	30.7	7.5	8.2	1.9	<8	1.9	248.9	27.8	42.1	87.4	10.25	40.0	6.86	1.03	6.12
334133	Rock	40.0	17.4	196.1	41.3	8	34.9	9.5	30.2	5.5	<8	6.9	711.6	59.9	99.3	191.0	20.24	73.8	12.82	1.48	12.24
334134	Rock	31.0	25.9	212.9	156.3	6	35.8	13.8	52.1	6.9	<8	8.3	956.0	41.6	82.4	142.7	13.44	45.2	7.64	0.37	7.14
334135	Rock	33.4	43.1	590.3	313.4	15	88.7	32.2	84.4	13.0	<8	4.2	1710	85.8	235.5	424.1	39.84	130.8	18.23	1.02	15.74
334136	Rock	31.9	26.7	221.7	187.2	5	136.9	14.2	53.4	5.1	<8	4.2	1013	43.4	24.2	56.8	6.63	29.8	7.21	0.40	7.31
334137	Rock	24.9	14.7	88.5	179.6	10	50.1	5.5	31.4	4.4	12	7.1	603.9	23.7	52.4	100.6	9.56	32.9	5.30	1.00	5.04



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 226 Cardinal Crescent  
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**Project:** True Blue  
**Report Date:** November 03, 2010

**Page:** 2 of 2 Part 5

## CERTIFICATE OF ANALYSIS

WHI10000246.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B
		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
334003	Rock	5.33	33.07	6.39	18.92	2.75	18.07	2.52
334004	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334006	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334007	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334008	Rock	9.13	58.21	11.48	33.86	5.18	35.90	4.95
334009	Rock	40.17	242.6	45.14	123.0	16.85	107.5	13.05
334010	Rock	9.11	59.83	11.64	35.32	5.22	35.34	4.68
334011	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334012	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334013	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334014	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334015	Rock	3.73	25.15	5.52	18.41	3.11	21.98	3.10
334125	Rock	2.12	13.70	2.85	8.99	1.35	8.87	1.30
334126	Rock	1.31	8.02	1.64	5.22	0.82	5.56	0.81
334127	Rock	3.89	23.43	4.56	13.32	1.99	13.04	1.82
334128	Rock	1.12	6.53	1.27	3.91	0.61	4.49	0.64
334129	Rock	3.39	20.18	3.80	10.49	1.52	10.03	1.40
334130	Rock	1.08	6.60	1.34	4.00	0.62	4.39	0.62
334131	Rock	1.53	14.44	3.58	11.53	1.76	11.52	1.61
334132	Rock	0.93	5.34	1.05	3.11	0.47	3.43	0.55
334133	Rock	1.93	11.75	2.30	7.27	1.11	7.97	1.18
334134	Rock	1.20	7.54	1.50	4.97	0.82	6.23	0.97
334135	Rock	2.54	15.28	3.04	9.32	1.56	11.73	1.75
334136	Rock	1.29	8.02	1.67	5.21	0.85	5.74	0.85
334137	Rock	0.75	4.46	0.84	2.51	0.41	2.86	0.44



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Project: True Blue  
 Report Date: November 03, 2010

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI10000246.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
Pulp Duplicates																					
334126	Rock	0.84	5.26	1.11	10.16	37.6	<20	0.4	0.6	412	2.48	6.7	4.6	<0.1	32.8	8	0.28	0.85	0.21	5	0.69
REP 334126	QC																				
Reference Materials																					
STD OREAS24P	Standard		1.51	47.79	3.01	115.9	44	147.0	47.2	1155	7.66	1.4	0.7	<0.1	4.0	405	0.21	0.09	<0.04	171	6.10
STD OREAS45P	Standard		2.11	752.9	22.93	146.9	345	407.8	120.7	1377	19.17	11.9	2.1	<0.1	11.4	33	0.22	0.82	0.24	287	0.28
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected			1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45P Expected			2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3
STD SO-18 Expected																					
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.18	3.01	22.08	57.0	<20	3.2	4.9	778	2.38	2.8	2.4	<0.1	7.6	722	0.10	0.12	0.21	52	2.36
G1	Prep Blank		0.18	2.78	21.39	59.0	<20	2.8	5.2	793	2.45	0.9	2.6	<0.1	8.5	724	0.07	0.09	0.12	52	2.44



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Project: True Blue  
 Report Date: November 03, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI10000246.2

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
Unit		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
Pulp Duplicates																					
334126	Rock	0.016	99.9	1	0.47	2355	0.147	5.58	0.034	4.00	2.2	254.1	8.0	5	1.4	0.06	35.5	189.2	20.0	77.1	11.3
REP 334126	QC																				
Reference Materials																					
STD OREAS24P	Standard	0.136	17.6	204	4.12	274	1.075	8.29	2.438	0.68	0.4	140.7	1.7	1	18.6	<0.04	21.7	34.71	4.6	21.6	4.5
STD OREAS45P	Standard	0.046	23.7	1118	0.19	275	1.067	7.45	0.082	0.36	1.1	151.5	2.7	<1	64.0	<0.04	12.6	46.41	5.5	22.4	4.2
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7
STD OREAS45P Expected		0.047	24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5		67.1	0.03	13	48.9	6	23.2	4.24
STD SO-18 Expected																					
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.16	<0.1	<0.1	<0.1
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.084	21.3	4	0.59	1173	0.229	7.82	2.844	3.30	0.2	11.0	1.6	3	4.6	<0.04	12.3	46.51	5.2	21.3	3.3
G1	Prep Blank	0.084	23.9	4	0.61	996	0.233	8.05	2.925	3.18	0.2	11.7	1.8	3	5.0	<0.04	13.5	49.98	5.5	22.4	3.6



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Project: True Blue  
 Report Date: November 03, 2010

Page: 1 of 1 Part 3

QUALITY CONTROL REPORT

WHI10000246.2

Method	Analyte	Unit	MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B		
				Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
Pulp Duplicates																							
334126	Rock			0.5	8.8	1.3	7.5	1.5	4.0	0.6	3.8	0.5	6.33	29.9	144.5	5.7	122.1	1.1	26.66	2397	7	0.9	1.2
REP 334126	QC																		2402	5	1.0	1.0	
Reference Materials																							
STD OREAS24P	Standard			1.4	4.9	0.7	4.5	0.8	2.1	0.3	1.7	0.3	3.48	8.5	20.5	1.1	22.67	0.8	19.72				
STD OREAS45P	Standard			0.9	3.7	0.5	3.3	0.6	1.5	0.2	1.6	0.2	3.87	15.8	22.9	1.4	25.51	2.1	22.74				
STD SO-18	Standard																			543	1	26.9	7.1
STD SO-18	Standard																			527	1	27.6	7.2
STD OREAS24P Expected				1.6	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43				
STD OREAS45P Expected				1.1	3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5				
STD SO-18 Expected																				514	1	26.2	7.1
BLK	Blank			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	0.36	<0.1	<0.02				
BLK	Blank																			<1	<1	<0.2	<0.1
Prep Wash																							
G1	Prep Blank			0.8	2.6	0.4	2.4	0.5	1.4	0.2	1.4	0.2	0.57	39.8	100.6	1.4	26.56	4.6	19.52	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank			0.7	2.5	0.4	2.7	0.5	1.6	0.2	1.5	0.2	0.66	42.4	102.1	1.6	29.65	4.7	20.05	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: True Blue

Report Date: November 03, 2010

Page: 1 of 1 Part 4

QUALITY CONTROL REPORT

WHI10000246.2

Method		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B		
Analyte		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		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	0.02	0.05	
Pulp Duplicates																						
334126	Rock	25.5	13.8	196.4	178.2	8	8.6	10.4	34.2	6.8	<8	3.3	583.6	48.7	97.7	188.4	19.51	71.3	10.58	0.73	8.50	
REP 334126	QC	24.7	15.3	192.1	174.3	8	8.1	10.1	35.7	6.4	<8	3.5	570.5	49.1	98.4	190.2	19.60	70.7	10.83	0.74	8.57	
Reference Materials																						
STD OREAS24P	Standard																					
STD OREAS45P	Standard																					
STD SO-18	Standard	17.8	10.4	24.6	29.3	16	412.0	7.5	11.0	17.8	206	15.7	305.3	31.4	12.7	28.2	3.46	14.0	2.88	0.86	3.06	
STD SO-18	Standard	18.8	10.0	23.3	28.8	16	412.9	7.3	11.2	17.3	207	15.7	298.1	30.9	12.4	27.5	3.39	14.1	2.88	0.86	3.09	
STD OREAS24P Expected																						
STD OREAS45P Expected																						
STD SO-18 Expected		17.6	9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93	
BLK	Blank																					
BLK	Blank	<0.5	<0.1	0.2	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	5.7	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	
Prep Wash																						
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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Project: True Blue

Report Date: November 03, 2010

Page: 1 of 1 Part 5

## QUALITY CONTROL REPORT

WHI10000246.2

Method		4B	4B	4B	4B	4B	4B	4B
Analyte		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
Pulp Duplicates								
334126	Rock	1.31	8.02	1.64	5.22	0.82	5.56	0.81
REP 334126	QC	1.30	7.87	1.66	5.19	0.82	5.73	0.81
Reference Materials								
STD OREAS24P	Standard							
STD OREAS45P	Standard							
STD SO-18	Standard	0.51	3.09	0.62	1.80	0.28	1.82	0.28
STD SO-18	Standard	0.49	3.01	0.62	1.78	0.27	1.84	0.27
STD OREAS24P Expected								
STD OREAS45P Expected								
STD SO-18 Expected		0.53	3	0.62	1.84	0.27	1.79	0.27
BLK	Blank							
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
Prep Wash								
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: August 06, 2010  
Report Date: November 02, 2010  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000247.2

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-019  
P.O. Number  
Number of Samples: 29

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

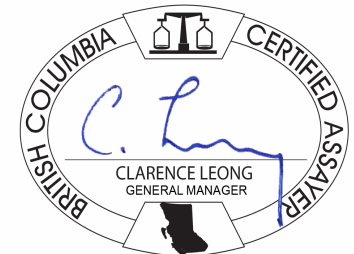
CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	29	Crush, split and pulverize 250 g rock to 200 mesh			WHI
Group 1T	29	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
4B03	2	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed	VAN

### ADDITIONAL COMMENTS

Version 2: 4B03 analysis included



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.





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Project: True Blue  
 Report Date: November 02, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI10000247.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
333168	Rock	0.68	7.32	5.09	6.53	57.7	<20	1.1	3.3	802	5.77	3.7	2.0	<0.1	12.1	40	0.21	0.80	0.08	5	0.51
333169	Rock	0.70	9.96	11.75	6.32	67.3	<20	0.7	3.0	1235	5.45	2.9	1.9	<0.1	10.8	34	0.14	1.15	0.10	<1	0.51
333170	Rock	0.99	13.70	9.16	5.94	96.8	<20	0.5	5.1	1443	5.59	4.0	1.7	<0.1	12.3	29	0.26	0.90	0.35	1	0.55
333171	Rock	0.76	10.00	5.29	18.60	204.9	<20	2.0	2.9	2313	6.46	3.3	3.7	<0.1	20.0	36	0.51	1.20	0.22	<1	0.52
333172	Rock	0.80	10.46	5.03	8.43	90.0	*	0.3	1.9	2000	5.39	2.0	1.7	<0.1	10.3	28	0.23	1.00	0.15	<1	0.31
333173	Rock	0.81	10.79	7.45	169.9	578.4	<20	0.6	2.3	3406	6.68	2.6	3.2	<0.1	16.2	24	2.94	1.72	0.11	2	0.39
333174	Rock	0.91	11.34	6.96	10.70	134.0	<20	1.4	2.6	1937	6.52	3.1	3.4	<0.1	16.0	33	0.21	1.23	0.31	3	0.74
333175	Rock	0.80	8.47	9.80	7.80	92.9	<20	1.0	3.0	1460	6.49	4.9	3.3	<0.1	18.0	32	0.19	1.00	0.19	5	0.44
333176	Rock	0.94	5.95	10.56	25.38	191.7	<20	0.8	2.5	2057	5.31	2.3	3.8	<0.1	23.5	34	0.42	1.03	0.12	3	0.46
333177	Rock	1.05	6.52	10.35	11.06	113.9	<20	0.6	2.4	1464	6.02	4.2	4.4	<0.1	22.6	32	0.15	1.07	0.33	3	0.35
333178	Rock	0.86	4.72	7.68	6.26	90.9	<20	0.8	2.3	1898	5.20	3.2	4.4	<0.1	26.0	35	0.18	0.65	0.49	4	0.72
333179	Rock	0.78	7.20	5.68	5.43	16.5	<20	0.7	3.8	462	7.11	1.9	3.6	<0.1	20.4	29	0.06	0.61	0.20	3	0.76
333180	Rock	0.92	9.85	2.11	2.35	12.6	<20	1.2	4.7	575	6.03	1.7	7.9	<0.1	29.3	26	0.29	0.62	0.09	3	0.72
333181	Rock	0.98	9.59	1.52	1.46	11.5	<20	1.0	3.1	420	5.44	1.8	6.7	<0.1	33.3	28	0.09	0.39	0.06	1	1.43
333182	Rock	0.96	7.21	2.26	15.20	52.7	<20	23.6	5.3	658	7.65	2.0	5.4	<0.1	29.4	53	0.13	0.72	0.25	70	1.30
333183	Rock	0.87	10.95	2.09	2.25	26.3	<20	1.3	4.8	271	7.65	2.1	6.1	<0.1	29.9	23	0.11	0.82	0.17	2	0.27
333184	Rock	0.82	9.33	4.16	2.14	21.1	<20	3.4	6.9	545	6.41	2.7	6.7	<0.1	28.0	28	0.14	0.77	0.19	6	0.99
333185	Rock	0.86	5.70	9.90	1.48	5.7	<20	6.5	11.1	395	4.44	2.7	3.3	<0.1	17.6	24	0.07	0.57	0.20	6	0.96
333186	Rock	0.86	10.03	2.31	1.67	14.2	<20	27.2	17.8	265	4.09	2.4	3.9	<0.1	22.4	47	0.08	0.54	0.35	165	1.01
333187	Rock	0.85	9.43	1.82	1.75	12.2	<20	18.2	10.2	307	5.84	2.0	5.2	<0.1	24.1	24	0.13	0.55	0.12	63	0.56
333188	Rock	0.76	7.76	1.96	1.71	9.6	<20	8.1	13.6	299	3.97	1.9	3.0	<0.1	17.6	21	0.11	0.37	0.09	36	0.34
333189	Rock	0.86	4.43	120.7	1.64	37.9	<20	25.0	2.7	186	3.55	1.5	3.6	<0.1	16.0	29	0.13	0.40	0.07	83	0.52
333190	Rock	0.63	7.51	5.28	2.69	30.3	<20	1.3	1.4	215	6.95	2.6	4.6	<0.1	23.5	26	0.13	1.01	<0.04	3	0.33
333191	Rock	0.71	5.26	5.56	1.31	14.8	<20	9.6	5.3	208	4.11	2.0	2.9	<0.1	15.8	31	0.10	0.46	0.09	53	0.51
333192	Rock	0.80	0.73	0.19	0.04	0.9	<20	1.5	0.5	27	0.46	<0.2	0.3	<0.1	2.2	4	<0.02	0.06	<0.04	4	0.11
333201	Rock	1.15	1.79	12.96	17.26	67.9	<20	33.2	4.0	180	1.50	8.7	54.1	<0.1	312.6	36	0.69	1.89	0.20	201	0.52
333202	Rock	1.01	2.72	59.34	6.63	60.5	<20	41.7	7.7	97	1.85	9.6	27.0	<0.1	97.3	34	0.44	1.30	0.34	276	0.37
333203	Rock	1.13	2.47	30.46	9.18	50.4	<20	36.3	4.3	87	2.43	18.6	34.5	<0.1	206.3	34	0.38	1.77	1.22	272	0.28
333204	Rock	1.13	2.32	20.74	7.01	86.7	<20	46.4	5.9	153	1.41	4.8	7.8	<0.1	31.9	39	0.63	1.67	0.12	311	0.57



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Project: True Blue  
 Report Date: November 02, 2010

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

WHI10000247.2

Method	Analyte	Unit	MDL	1T P	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
333168	Rock			0.059	86.5	2	0.62	1307	0.386	8.10	3.432	5.21	5.1	49.5	11.0	2	1.6	0.08	24.6	173.3	19.0	76.3	11.2
333169	Rock			0.050	77.3	4	0.44	801	0.355	8.17	3.465	4.96	5.7	31.9	5.5	3	1.8	0.05	24.8	162.5	17.4	67.7	9.9
333170	Rock			0.054	75.4	<1	0.64	677	0.438	8.31	3.860	5.31	9.3	47.0	6.8	5	1.9	0.05	29.7	156.1	17.1	68.2	10.3
333171	Rock			0.063	109.9	5	0.67	558	0.487	8.57	4.235	5.13	4.4	73.4	7.4	6	2.6	<0.04	39.8	207.5	22.5	85.5	12.4
333172	Rock			0.054	64.6	<1	0.18	553	0.301	8.60	4.135	5.24	7.3	28.0	3.3	2	2.2	0.04	17.5	131.2	14.4	58.1	8.7
333173	Rock			0.063	99.5	7	0.52	319	0.397	8.44	3.836	5.09	3.9	66.0	4.3	5	3.1	<0.04	35.0	191.6	21.1	81.4	12.4
333174	Rock			0.033	84.8	<1	0.71	731	0.277	8.77	3.285	5.10	5.5	50.0	5.3	5	2.2	0.19	28.0	156.3	16.6	64.3	9.3
333175	Rock			0.054	95.7	6	0.52	567	0.355	7.85	4.157	3.72	16.5	79.2	6.7	6	1.6	0.08	36.7	191.9	21.5	76.0	11.1
333176	Rock			0.043	116.3	3	0.72	433	0.300	8.21	4.343	4.09	7.0	61.4	7.5	8	1.3	<0.04	45.8	232.9	24.9	86.4	13.2
333177	Rock			0.048	107.9	6	0.78	524	0.346	8.11	4.251	3.38	3.9	60.2	6.7	6	1.2	<0.04	39.2	227.4	23.7	81.5	12.5
333178	Rock			0.045	129.0	3	0.67	509	0.320	8.02	4.282	3.90	2.8	42.2	5.7	7	1.5	<0.04	44.8	264.0	28.8	98.1	14.2
333179	Rock			0.045	109.7	5	0.76	877	0.249	8.14	4.195	2.65	10.4	84.4	12.9	6	1.2	0.15	41.7	215.9	23.5	82.7	12.6
333180	Rock			0.036	156.3	3	1.39	631	0.092	8.27	4.197	2.12	5.5	425.9	21.1	4	1.1	0.34	59.2	306.2	33.1	113.9	17.5
333181	Rock			0.026	230.7	5	1.74	257	0.069	8.05	4.888	1.18	10.4	214.0	14.2	3	0.7	0.15	52.9	431.6	44.2	146.8	21.5
333182	Rock			0.054	156.8	16	1.07	516	0.190	7.82	4.132	2.63	9.2	96.4	15.8	6	3.0	0.06	46.8	300.9	31.0	109.1	15.2
333183	Rock			0.030	145.5	6	1.01	425	0.218	8.15	4.524	2.28	20.8	82.0	19.3	7	0.5	0.16	54.6	292.2	31.3	107.4	15.9
333184	Rock			0.045	211.4	3	0.76	984	0.310	8.42	3.773	2.85	20.8	79.0	20.2	5	1.5	0.21	69.4	400.6	41.9	147.3	22.6
333185	Rock			0.038	99.1	6	1.02	380	0.128	7.79	4.576	2.09	30.9	89.3	12.5	3	1.6	0.24	25.2	200.7	21.8	79.3	12.4
333186	Rock			0.075	112.6	33	1.99	254	0.122	7.06	3.529	1.33	8.7	79.5	9.2	3	5.8	0.33	23.0	218.3	23.2	80.8	11.5
333187	Rock			0.062	165.6	11	1.59	232	0.134	7.85	4.387	1.31	11.8	100.7	22.7	3	4.0	0.39	42.0	335.2	34.3	121.7	18.1
333188	Rock			0.033	94.2	10	0.65	175	0.116	6.62	4.639	1.51	18.5	87.5	20.8	3	1.4	0.46	19.9	188.9	21.5	75.8	11.3
333189	Rock			0.066	59.4	24	1.44	728	0.163	7.40	3.761	2.24	8.0	49.8	6.8	3	3.8	0.08	19.3	115.6	12.6	46.3	6.2
333190	Rock			0.041	127.6	3	0.65	911	0.263	8.70	4.055	2.76	7.9	66.1	18.5	8	1.8	<0.04	32.0	258.4	27.0	95.7	13.0
333191	Rock			0.051	74.8	17	0.96	484	0.197	7.19	4.343	2.04	5.4	62.2	11.9	4	2.4	0.14	22.5	161.7	17.3	63.5	9.4
333192	Rock			0.004	14.7	3	0.10	42	0.020	0.70	0.528	0.16	0.4	7.1	1.5	<1	0.4	<0.04	2.9	26.74	2.7	9.5	1.2
333201	Rock			0.099	>2000	47	0.69	4791	0.230	4.60	0.091	3.36	8.4	303.4	6.3	20	5.8	<0.04	378.7	>2000	300.4	1020	109.7
333202	Rock			0.088	622.8	55	0.53	2392	0.188	5.44	0.358	3.92	4.6	145.8	2.9	11	7.6	0.16	159.5	1123	91.8	313.9	40.9
333203	Rock			0.087	171.7	56	0.64	1356	0.187	5.03	0.123	4.13	6.0	126.7	3.0	9	8.3	0.15	184.8	350.7	39.8	159.2	30.4
333204	Rock			0.103	54.0	44	0.80	6192	0.172	5.59	0.127	3.92	4.5	95.0	2.3	11	7.7	<0.04	54.9	109.1	13.7	56.8	11.2



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Project: True Blue  
 Report Date: November 02, 2010

Page: 2 of 2 Part 3

CERTIFICATE OF ANALYSIS

WHI10000247.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
333168	Rock	1.3	8.7	1.2	6.4	1.1	2.8	0.3	2.2	0.3	1.14	26.8	122.8	7.0	162.3	1.9	36.68	N.A.	N.A.	N.A.	N.A.
333169	Rock	1.3	8.0	1.2	6.5	1.2	2.7	0.3	2.0	0.3	0.71	20.6	127.4	7.1	166.8	2.4	33.10	N.A.	N.A.	N.A.	N.A.
333170	Rock	1.3	8.5	1.3	6.5	1.2	3.1	0.4	2.3	0.3	1.09	22.0	164.3	6.8	149.8	2.9	32.09	N.A.	N.A.	N.A.	N.A.
333171	Rock	1.5	10.0	1.5	9.2	1.6	4.1	0.5	3.1	0.4	1.75	29.7	161.8	8.5	205.6	3.6	34.89	N.A.	N.A.	N.A.	N.A.
333172	Rock	1.2	6.4	0.8	4.3	0.7	1.9	0.2	1.7	0.2	0.66	12.4	115.6	5.3	103.6	1.9	30.69	N.A.	N.A.	N.A.	N.A.
333173	Rock	1.7	10.7	1.5	8.8	1.6	3.8	0.5	3.0	0.3	1.76	29.3	131.1	8.4	179.7	3.7	33.72	N.A.	N.A.	N.A.	N.A.
333174	Rock	1.2	7.7	1.1	6.5	1.1	2.9	0.4	2.2	0.3	1.11	33.0	180.5	6.2	160.7	3.6	36.44	N.A.	N.A.	N.A.	N.A.
333175	Rock	1.5	8.4	1.3	8.3	1.4	3.8	0.5	2.8	0.4	1.96	23.3	136.7	8.6	177.0	4.9	34.28	N.A.	N.A.	N.A.	N.A.
333176	Rock	1.7	9.4	1.6	10.0	1.8	4.7	0.6	3.4	0.4	1.50	29.9	183.9	10.0	211.2	2.8	37.11	N.A.	N.A.	N.A.	N.A.
333177	Rock	1.6	9.5	1.5	8.9	1.7	4.3	0.4	2.7	0.3	1.44	39.9	145.0	11.2	243.9	3.2	38.30	N.A.	N.A.	N.A.	N.A.
333178	Rock	1.9	10.8	1.7	11.1	2.0	4.9	0.5	3.5	0.5	0.99	30.8	131.9	9.6	217.3	2.6	34.12	N.A.	N.A.	N.A.	N.A.
333179	Rock	2.2	10.6	1.6	9.5	1.7	4.4	0.5	3.2	0.4	1.77	16.1	95.2	8.2	175.6	1.6	35.91	N.A.	N.A.	N.A.	N.A.
333180	Rock	3.3	14.8	2.5	14.8	2.7	7.6	0.9	5.6	0.7	8.55	12.6	71.0	18.2	246.8	1.2	40.56	N.A.	N.A.	N.A.	N.A.
333181	Rock	3.1	15.6	2.2	12.7	2.2	5.8	0.7	4.1	0.5	4.87	19.2	53.4	9.9	201.3	0.9	43.35	N.A.	N.A.	N.A.	N.A.
333182	Rock	2.3	13.5	1.9	11.4	2.1	4.8	0.6	3.8	0.4	2.13	16.8	119.7	10.3	212.7	1.5	39.02	N.A.	N.A.	N.A.	N.A.
333183	Rock	2.6	12.4	2.0	12.7	2.6	6.5	0.7	4.6	0.5	1.81	17.0	91.0	18.0	367.2	1.8	48.86	N.A.	N.A.	N.A.	N.A.
333184	Rock	3.4	17.6	2.7	16.5	3.1	7.6	0.9	5.3	0.6	1.68	15.2	124.3	12.7	261.3	1.6	42.65	N.A.	N.A.	N.A.	N.A.
333185	Rock	2.1	8.2	1.3	6.8	1.2	3.0	0.4	2.6	0.3	1.95	6.6	79.9	4.9	90.93	0.8	35.29	N.A.	N.A.	N.A.	N.A.
333186	Rock	1.9	7.2	1.1	5.7	1.0	2.5	0.3	2.1	0.2	1.66	13.0	62.2	4.6	93.69	0.8	31.78	N.A.	N.A.	N.A.	N.A.
333187	Rock	3.5	14.3	2.1	11.7	2.2	5.5	0.7	3.9	0.5	2.04	9.8	46.4	10.6	202.0	0.8	47.64	N.A.	N.A.	N.A.	N.A.
333188	Rock	2.3	7.0	1.1	6.1	1.0	2.7	0.3	2.0	0.3	1.73	6.4	30.8	8.9	213.0	0.6	45.43	N.A.	N.A.	N.A.	N.A.
333189	Rock	1.1	5.0	0.8	4.7	0.9	2.2	0.3	1.9	0.3	1.16	11.2	80.1	4.2	96.44	1.1	32.40	N.A.	N.A.	N.A.	N.A.
333190	Rock	2.3	10.0	1.4	7.7	1.4	3.4	0.4	2.7	0.4	1.38	18.7	103.0	8.5	190.2	1.9	40.66	N.A.	N.A.	N.A.	N.A.
333191	Rock	1.7	6.3	1.1	5.5	1.1	2.7	0.3	2.1	0.3	1.35	18.2	71.8	5.8	123.2	1.1	36.41	N.A.	N.A.	N.A.	N.A.
333192	Rock	0.3	0.9	0.1	0.7	0.1	0.3	<0.1	0.3	<0.1	0.13	1.9	5.9	0.6	16.33	0.1	4.04	N.A.	N.A.	N.A.	N.A.
333201	Rock	6.8	84.1	13.5	77.4	14.8	37.2	4.6	26.7	2.8	6.03	11.6	114.0	51.0	1409	0.8	40.95	4637	19	4.3	0.7
333202	Rock	2.9	32.7	6.0	32.9	6.5	14.9	1.9	10.9	1.2	3.26	12.1	118.8	20.3	592.6	0.8	22.15	7601	14	7.3	0.7
333203	Rock	2.6	32.7	5.7	36.4	7.2	17.9	2.2	12.6	1.4	2.70	14.6	126.1	22.3	722.6	0.9	21.06	N.A.	N.A.	N.A.	N.A.
333204	Rock	0.2	13.0	1.9	11.7	2.1	5.3	0.6	4.4	0.5	2.31	15.6	120.8	6.1	162.7	1.0	19.21	N.A.	N.A.	N.A.	N.A.



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Project: True Blue  
 Report Date: November 02, 2010

Page: 2 of 2 Part 4

CERTIFICATE OF ANALYSIS

WHI1000247.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Unit	MDL	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	0.02	0.05
333168	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333169	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333170	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333171	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333172	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333173	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333174	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333175	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333176	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333177	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333178	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333179	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333180	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333181	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333182	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333183	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333184	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333185	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333186	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333187	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333188	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333189	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333190	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333191	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333192	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333201	Rock	27.1	93.5	1720	124.7	8	37.2	63.7	404.5	71.8	237	10.0	4554	455.2	1844	3190	295.3	965.1	114.1	7.52	85.66
333202	Rock	17.5	36.3	762.4	150.8	4	41.6	26.0	142.6	37.3	317	6.5	1623	210.2	663.8	1121	109.3	354.2	47.15	3.39	40.61
333203	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333204	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

**Project:** True Blue  
**Report Date:** November 02, 2010

**Page:** 2 of 2 **Part** 5

**CERTIFICATE OF ANALYSIS**

WHI1000247.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B
		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
333168	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333169	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333170	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333171	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333172	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333173	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333174	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333175	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333176	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333177	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333178	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333179	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333180	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333181	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333182	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333183	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333184	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333185	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333186	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333187	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333188	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333189	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333190	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333191	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333192	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333201	Rock	13.38	78.47	14.89	41.99	6.12	38.94	4.85
333202	Rock	6.56	37.38	7.01	18.54	2.66	16.37	2.09
333203	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
333204	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 02, 2010

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI10000247.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
Pulp Duplicates																					
333174	Rock	0.91	11.34	6.96	10.70	134.0	<20	1.4	2.6	1937	6.52	3.1	3.4	<0.1	16.0	33	0.21	1.23	0.31	3	0.74
REP 333174	QC		11.38	7.22	10.56	139.0	<20	1.5	2.4	1908	6.41	3.2	3.4	<0.1	16.4	33	0.23	1.20	0.30	3	0.77
333203	Rock	1.13	2.47	30.46	9.18	50.4	<20	36.3	4.3	87	2.43	18.6	34.5	<0.1	206.3	34	0.38	1.77	1.22	272	0.28
REP 333203	QC		2.54	31.27	10.14	54.3	<20	37.2	4.4	95	2.46	18.1	36.4	<0.1	224.0	35	0.49	1.87	1.27	274	0.30
Reference Materials																					
STD OREAS24P	Standard		1.51	47.79	3.01	115.9	44	147.0	47.2	1155	7.66	1.4	0.7	<0.1	4.0	405	0.21	0.09	<0.04	171	6.10
STD OREAS24P	Standard		1.56	54.23	2.88	121.4	39	160.8	51.0	1211	7.95	0.9	0.7	<0.1	2.9	415	0.15	0.11	<0.04	178	6.30
STD OREAS45P	Standard		2.11	752.9	22.93	146.9	345	407.8	120.7	1377	19.17	11.9	2.1	<0.1	11.4	33	0.22	0.82	0.24	287	0.28
STD OREAS45P	Standard		2.36	735.0	22.12	152.1	294	396.8	123.9	1354	19.10	13.5	2.1	<0.1	9.2	35	0.17	0.93	0.21	278	0.33
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected			1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45P Expected			2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3
STD SO-18 Expected																					
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.21	2.68	19.81	51.3	<20	3.2	5.0	790	2.51	1.6	2.8	<0.1	9.5	701	0.03	0.05	0.14	53	2.35
G1	Prep Blank		0.21	2.91	20.04	50.0	<20	3.8	5.2	773	2.42	1.9	3.0	<0.1	7.8	677	<0.02	0.07	0.11	53	2.35



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226 Cardinal Crescent  
Saskatoon SK S7L 6H8 Canada

Project: True Blue  
Report Date: November 02, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI10000247.2

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
Unit		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
Pulp Duplicates																					
333174	Rock	0.033	84.8	<1	0.71	731	0.277	8.77	3.285	5.10	5.5	50.0	5.3	5	2.2	0.19	28.0	156.3	16.6	64.3	9.3
REP 333174	QC	0.033	82.0	<1	0.70	700	0.264	8.85	3.246	5.29	5.4	45.8	5.2	5	2.1	0.18	29.5	160.2	16.9	62.3	9.5
333203	Rock	0.087	171.7	56	0.64	1356	0.187	5.03	0.123	4.13	6.0	126.7	3.0	9	8.3	0.15	184.8	350.7	39.8	159.2	30.4
REP 333203	QC	0.083	186.1	57	0.66	1905	0.197	5.33	0.120	4.02	6.1	126.7	3.1	11	8.6	0.17	187.9	387.7	43.1	178.3	34.6
Reference Materials																					
STD OREAS24P	Standard	0.136	17.6	204	4.12	274	1.075	8.29	2.438	0.68	0.4	140.7	1.7	1	18.6	<0.04	21.7	34.71	4.6	21.6	4.5
STD OREAS24P	Standard	0.145	20.4	202	4.33	299	1.135	8.51	2.582	0.74	0.3	148.9	1.9	<1	21.3	<0.04	24.0	41.31	5.4	24.1	5.2
STD OREAS45P	Standard	0.046	23.7	1118	0.19	275	1.067	7.45	0.082	0.36	1.1	151.5	2.7	<1	64.0	<0.04	12.6	46.41	5.5	22.4	4.2
STD OREAS45P	Standard	0.052	26.5	1090	0.22	296	1.055	7.28	0.076	0.37	1.0	159.3	2.9	<1	68.3	<0.04	13.9	53.85	6.2	23.7	4.4
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7
STD OREAS45P Expected		0.047	24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5		67.1	0.03	13	48.9	6	23.2	4.24
STD SO-18 Expected																					
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.16	<0.1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.078	25.4	5	0.62	1017	0.237	7.46	2.916	3.15	0.2	12.0	1.6	3	5.0	<0.04	13.7	52.97	6.2	24.6	3.9
G1	Prep Blank	0.082	22.8	20	0.63	1070	0.242	7.46	2.869	3.18	0.2	12.1	1.5	3	5.2	<0.04	12.8	47.80	5.5	22.6	3.7



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Saskatoon SK S7L 6H8 Canada

Project: True Blue  
Report Date: November 02, 2010

Page: 1 of 1 Part 3

QUALITY CONTROL REPORT

WHI10000247.2

Method	Analyte	Unit	MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B		
				Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
Pulp Duplicates																							
333174	Rock			1.2	7.7	1.1	6.5	1.1	2.9	0.4	2.2	0.3	1.11	33.0	180.5	6.2	160.7	3.6	36.44	N.A.	N.A.	N.A.	N.A.
REP 333174	QC			1.3	7.7	1.1	6.5	1.2	3.1	0.4	2.5	0.3	1.04	32.5	180.4	6.3	160.0	3.7	36.11				
333203	Rock			2.6	32.7	5.7	36.4	7.2	17.9	2.2	12.6	1.4	2.70	14.6	126.1	22.3	722.6	0.9	21.06	N.A.	N.A.	N.A.	N.A.
REP 333203	QC			3.1	36.6	6.6	38.9	8.0	19.1	2.4	13.0	1.7	2.64	14.5	126.1	22.8	735.7	0.9	21.12				
Reference Materials																							
STD OREAS24P	Standard			1.4	4.9	0.7	4.5	0.8	2.1	0.3	1.7	0.3	3.48	8.5	20.5	1.1	22.67	0.8	19.72				
STD OREAS24P	Standard			1.7	5.6	0.9	5.0	1.0	2.3	0.3	2.0	0.3	3.62	7.8	24.1	1.2	22.56	0.9	21.47				
STD OREAS45P	Standard			0.9	3.7	0.5	3.3	0.6	1.5	0.2	1.6	0.2	3.87	15.8	22.9	1.4	25.51	2.1	22.74				
STD OREAS45P	Standard			1.2	3.9	0.7	3.6	0.7	1.8	0.2	1.6	0.2	4.16	13.3	25.6	1.4	23.35	2.4	24.50				
STD SO-18	Standard																			552	<1	27.6	7.2
STD SO-18	Standard																			571	<1	28.6	7.5
STD OREAS24P Expected				1.6	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43				
STD OREAS45P Expected				1.1	3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5				
STD SO-18 Expected																				514	1	26.2	7.1
BLK	Blank			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	0.36	<0.1	<0.02				
BLK	Blank			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02				
BLK	Blank																			<1	<1	<0.2	<0.1
Prep Wash																							
G1	Prep Blank			0.9	3.3	0.5	2.8	0.6	1.6	0.2	1.7	0.3	0.65	36.3	104.3	1.5	26.85	4.4	19.38	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank			0.8	3.3	0.4	2.5	0.5	1.6	0.2	1.6	0.2	0.65	35.8	96.5	1.5	27.16	4.6	19.10	N.A.	N.A.	N.A.	N.A.





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226 Cardinal Crescent  
Saskatoon SK S7L 6H8 Canada

Project: True Blue

Report Date: November 02, 2010

Page: 1 of 1 Part 4

QUALITY CONTROL REPORT

WHI10000247.2

Method	Analyte	Unit	MDL	4B Ga	4B Hf	4B Nb	4B Rb	4B Sn	4B Sr	4B Ta	4B Th	4B U	4B V	4B W	4B Zr	4B Y	4B La	4B Ce	4B Pr	4B Nd	4B Sm	4B Eu	4B Gd
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Pulp Duplicates																							
333174	Rock			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 333174	QC																						
333203	Rock			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 333203	QC																						
Reference Materials																							
STD OREAS24P	Standard																						
STD OREAS24P	Standard																						
STD OREAS45P	Standard																						
STD OREAS45P	Standard																						
STD SO-18	Standard			18.3	10.1	23.8	29.0	15	416.0	7.4	10.6	17.0	213	15.1	309.2	32.2	12.7	28.1	3.45	14.7	2.98	0.87	3.03
STD SO-18	Standard			19.0	10.1	24.8	29.7	17	422.6	7.9	11.5	17.5	222	16.1	314.8	32.9	13.0	29.2	3.53	15.3	3.06	0.91	3.24
STD OREAS24P Expected																							
STD OREAS45P Expected																							
STD SO-18 Expected				17.6	9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93
BLK	Blank																						
BLK	Blank																						
BLK	Blank			<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	<0.02	<0.05
Prep Wash																							
G1	Prep Blank			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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**Project:** True Blue  
**Report Date:** November 02, 2010

**Page:** 1 of 1 **Part** 5

# QUALITY CONTROL REPORT

WHI10000247.2

Method		4B	4B	4B	4B	4B	4B	4B
Analyte		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
Pulp Duplicates								
333174	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 333174	QC							
333203	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 333203	QC							
Reference Materials								
STD OREAS24P	Standard							
STD OREAS24P	Standard							
STD OREAS45P	Standard							
STD OREAS45P	Standard							
STD SO-18	Standard	0.50	2.98	0.62	1.84	0.28	1.85	0.27
STD SO-18	Standard	0.52	3.12	0.65	1.92	0.29	1.92	0.30
STD OREAS24P Expected								
STD OREAS45P Expected								
STD SO-18 Expected		0.53	3	0.62	1.84	0.27	1.79	0.27
BLK	Blank							
BLK	Blank							
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
Prep Wash								
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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Submitted By: John Pearson
Receiving Lab: Canada-Whitehorse
Received: August 06, 2010
Report Date: November 02, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI10000248.2

CLIENT JOB INFORMATION

Project: True Blue
Shipment ID: TB-020
P.O. Number
Number of Samples: 24

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
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: Great Western Minerals Group Ltd.
226 Cardinal Crescent
Saskatoon SK S7L 6H8
Canada

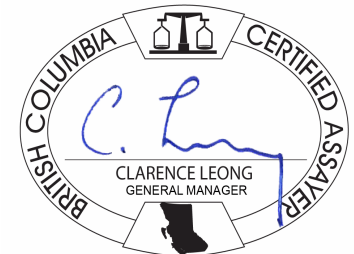
CC: Stew Fumerton
Kim Halpin

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-250, Group 1T, and 4B03.

ADDITIONAL COMMENTS

Version 2: 4B03 analysis included



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 02, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI10000248.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
334101	Rock	0.78	0.34	42.36	27.11	3349	360	37.7	8.9	4403	4.08	24.1	2.1	<0.1	10.5	240	16.95	13.25	0.05	65	8.92
334102	Rock	0.49	0.13	0.55	0.99	12.8	67	1.3	1.1	391	0.41	3.1	0.4	<0.1	0.6	58	0.09	0.24	<0.04	1	20.64
334103	Rock	0.39	<0.05	0.51	0.49	9.6	34	1.7	0.5	144	0.13	0.4	0.3	<0.1	0.5	35	0.10	0.10	<0.04	2	10.08
334104	Rock	0.72	0.17	3.79	3.18	6.7	34	5.3	0.9	129	0.19	5.5	0.6	<0.1	1.1	293	0.06	0.61	<0.04	44	36.40
334105	Rock	0.63	0.18	0.32	1.99	19.4	89	5.4	0.4	754	0.63	1.5	0.3	<0.1	0.7	73	0.16	0.33	0.63	4	21.85
334106	Rock	0.25	0.09	0.84	1.35	4.5	114	6.3	1.4	918	0.30	0.9	0.8	<0.1	0.5	62	0.09	0.13	<0.04	10	21.50
334107	Rock	0.35	0.08	1.12	1.68	21.9	79	1.7	0.5	141	0.28	0.2	0.4	<0.1	0.8	17	0.08	0.19	0.06	5	5.51
334108	Rock	0.48	1.12	0.75	2.32	2.0	86	1.9	0.7	135	0.23	2.0	0.3	<0.1	0.6	42	<0.02	0.40	<0.04	2	10.33
334109	Rock	0.76	4.17	9.47	14.52	34.1	413	19.3	2.7	680	1.23	5.5	2.2	<0.1	4.9	312	0.46	2.32	0.08	481	21.76
334110	Rock	0.63	2.02	7.90	0.57	84.6	<20	12.5	23.2	1534	9.35	0.5	1.4	<0.1	6.3	455	0.08	0.77	<0.04	184	5.58
334111	Rock	0.23	35.45	76.61	56.26	96.5	660	166.5	4.7	118	1.21	8.4	12.5	<0.1	8.2	22	0.17	23.25	0.15	966	0.46
334112	Rock	0.33	9.29	24.27	31.61	99.5	664	52.7	4.7	278	2.00	8.5	6.4	<0.1	9.8	218	1.31	6.57	0.18	895	8.03
334113	Rock	0.34	2.33	6.96	1.00	4.0	171	3.2	1.2	448	0.53	6.2	2.6	<0.1	0.5	102	0.08	0.72	0.07	6	21.36
334114	Rock	0.31	12.43	1.12	40.82	78.4	445	5.6	3.3	733	1.95	1.6	0.3	<0.1	0.9	94	0.42	1.03	0.16	20	13.91
334138	Rock	1.01	1.77	167.9	31.45	44.7	*	27.5	3.7	528	2.04	11.1	322.0	<0.1	1159	17	2.66	6.23	0.16	22	1.24
334139	Rock	1.29	6.63	38.02	37.31	90.2	<20	6.1	1.9	1911	7.68	1.2	233.3	<0.1	1733	137	0.74	1.20	0.14	31	1.48
334140	Rock	1.85	1.53	16.62	31.03	64.2	<20	29.9	5.4	226	1.79	21.1	110.2	<0.1	494.3	35	0.59	2.39	0.41	46	0.51
334141	Rock	1.30	3.04	12.30	1.76	45.5	<20	21.6	2.1	112	1.32	1.2	3.1	<0.1	15.1	17	0.22	1.25	0.11	346	0.60
334142	Rock	0.41	41.29	4.00	6.26	85.3	<20	0.2	2.1	1889	4.14	0.9	42.2	<0.1	191.8	50	0.42	1.19	0.09	2	1.96
334143	Rock	0.69	35.59	0.44	4.51	214.9	<20	0.4	2.6	4273	17.41	1.9	74.8	<0.1	19.1	84	1.82	1.04	0.42	2	3.52
334144	Rock	0.80	39.03	1.57	20.19	162.0	<20	37.9	2.2	1201	6.01	<0.2	325.6	<0.1	1328	14	0.73	2.77	0.56	83	0.71
334145	Rock	0.80	10.30	3.88	40.71	167.2	<20	135.3	2.3	2331	3.59	48.6	445.7	<0.1	>2000	127	1.04	6.19	0.71	71	6.55
334146	Rock	1.68	27.14	1.94	36.68	91.3	*	16.3	1.1	688	3.02	0.6	87.8	<0.1	>2000	53	0.33	2.01	0.13	37	3.14
334147	Rock	0.43	4.09	1.40	2.67	64.8	<20	6.9	0.7	587	2.01	0.7	7.4	<0.1	71.6	67	0.23	0.47	<0.04	5	0.99



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Project: True Blue  
 Report Date: November 02, 2010

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

WHI10000248.2

Method	Analyte	Unit	MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T		
				P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
334101	Rock			0.047	47.3	67	3.18	1339	0.133	6.52	1.092	5.10	1.8	160.0	2.4	2	8.3	0.34	20.7	82.53	9.7	37.7	6.4
334102	Rock			0.079	2.0	<1	11.95	75	0.003	0.31	0.020	0.15	<0.1	5.9	<0.1	<1	<0.1	<0.04	2.4	3.01	0.4	1.8	0.4
334103	Rock			0.010	1.5	1	5.86	7	0.005	0.29	0.005	<0.02	<0.1	6.2	<0.1	<1	<0.1	<0.04	1.1	2.70	0.3	1.7	0.1
334104	Rock			0.004	6.3	7	0.57	133	0.025	0.59	0.008	0.35	0.1	7.7	0.2	<1	1.0	<0.04	4.9	10.57	1.2	6.0	1.0
334105	Rock			0.001	3.5	4	12.63	46	0.010	0.26	0.014	0.11	0.3	5.6	0.2	<1	0.5	0.07	7.5	6.57	1.1	3.3	0.9
334106	Rock			0.004	2.5	4	12.23	10	0.016	0.27	0.011	0.04	0.1	4.5	<0.1	<1	0.5	<0.04	4.5	4.26	0.5	2.3	0.6
334107	Rock			0.007	2.1	2	4.13	36	0.007	0.90	0.007	0.04	0.1	12.8	0.2	<1	0.3	<0.04	1.7	3.65	0.4	2.0	0.3
334108	Rock			0.006	2.7	2	5.79	103	0.008	0.49	0.181	0.13	<0.1	8.2	<0.1	<1	0.2	<0.04	2.2	4.94	0.6	2.2	0.4
334109	Rock			0.033	15.6	48	2.07	449	0.164	3.61	0.360	1.66	0.8	53.5	1.1	1	5.5	0.17	14.1	26.59	3.5	15.1	2.6
334110	Rock			0.639	70.8	15	3.05	3718	2.315	8.31	3.104	0.97	2.6	59.1	1.0	1	12.1	<0.04	27.3	152.9	18.0	82.4	12.7
334111	Rock			0.080	24.9	48	3.87	6077	0.266	4.96	0.030	3.13	3.0	131.2	1.8	5	6.7	<0.04	16.9	40.22	5.4	20.9	2.9
334112	Rock			0.047	26.9	84	0.99	>10000	0.286	6.37	1.899	4.13	2.1	90.1	1.8	2	10.3	<0.04	15.4	43.72	5.3	21.2	3.0
334113	Rock			0.017	3.3	4	12.43	52	0.015	0.24	0.007	0.11	0.4	8.9	<0.1	<1	0.8	<0.04	4.5	4.98	0.6	3.5	0.8
334114	Rock			0.004	1.5	5	11.45	23	0.024	0.25	0.109	0.12	0.2	4.5	0.3	<1	1.0	<0.04	5.0	2.87	0.6	2.7	0.8
334138	Rock			0.007	>2000	2	0.51	664	0.058	1.32	0.016	0.72	1.1	>2000	6.0	18	2.1	<0.04	982.4	>2000	712.6	>2000	253.9
334139	Rock			0.055	>2000	3	0.20	748	0.152	1.97	0.818	1.44	0.5	510.6	50.2	30	0.5	0.16	496.2	>2000	396.4	1457	166.5
334140	Rock			0.087	1862	9	0.47	651	0.233	2.99	0.047	2.99	2.6	234.6	6.3	19	1.4	0.15	661.3	>2000	249.9	960.1	125.7
334141	Rock			0.097	25.3	43	0.95	5541	0.204	5.95	0.028	4.34	6.7	64.8	4.6	9	9.8	<0.04	13.0	39.43	4.6	18.2	2.9
334142	Rock			0.042	328.4	1	0.85	526	0.099	7.61	2.634	3.33	14.8	198.0	16.0	12	0.8	<0.04	59.5	571.2	45.4	165.7	21.3
334143	Rock			0.114	>2000	4	2.65	361	0.195	4.05	0.008	3.93	17.0	1462	43.7	84	0.6	<0.04	128.3	>2000	292.9	1207	133.8
334144	Rock			0.020	188.3	20	8.24	466	0.337	4.95	0.036	3.22	7.6	47.4	2.3	5	27.5	0.04	1087	789.4	122.2	751.5	192.1
334145	Rock			0.071	285.2	13	6.67	470	0.200	2.77	0.163	2.34	17.0	47.9	1.7	4	16.2	<0.04	>2000	929.6	152.3	963.2	368.1
334146	Rock			0.010	206.8	10	1.98	311	0.279	3.11	0.110	1.17	0.6	43.6	1.9	4	3.6	<0.04	365.1	771.6	105.2	504.8	109.7
334147	Rock			0.066	483.3	<1	1.18	224	0.121	7.97	5.237	0.79	2.8	105.3	2.3	5	1.3	<0.04	56.8	949.9	88.1	303.4	48.5



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Project: True Blue  
 Report Date: November 02, 2010

Page: 2 of 2 Part 3

CERTIFICATE OF ANALYSIS

WHI10000248.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
334101	Rock	1.5	7.0	0.9	5.7	0.9	2.5	0.3	1.7	0.3	3.41	3.1	87.0	1.5	30.50	0.4	13.65	4197	1	7.9	0.4
334102	Rock	0.1	0.6	<0.1	0.3	<0.1	0.1	<0.1	<0.1	<0.1	0.16	3.3	3.5	<0.1	0.39	0.1	0.55	72	<1	0.6	0.1
334103	Rock	<0.1	0.3	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.15	3.1	0.2	<0.1	0.50	<0.1	0.47	8	<1	<0.2	<0.1
334104	Rock	0.3	1.0	0.1	0.8	0.1	0.4	<0.1	0.4	<0.1	0.19	2.4	8.6	<0.1	1.04	0.3	1.61	121	<1	0.4	0.3
334105	Rock	0.3	1.2	0.2	1.1	0.2	0.5	<0.1	0.4	<0.1	0.14	3.3	3.9	<0.1	0.47	0.1	0.71	41	<1	<0.2	0.1
334106	Rock	0.1	0.7	<0.1	0.6	0.1	0.3	<0.1	0.3	<0.1	0.09	5.5	1.3	<0.1	0.66	0.1	0.56	10	<1	0.6	<0.1
334107	Rock	0.1	0.3	<0.1	0.3	<0.1	0.2	<0.1	0.2	<0.1	0.38	16.5	1.2	<0.1	0.29	<0.1	1.30	38	<1	<0.2	<0.1
334108	Rock	<0.1	0.3	<0.1	0.4	<0.1	0.2	<0.1	0.3	<0.1	0.24	3.3	2.8	<0.1	0.67	<0.1	0.87	106	<1	0.6	<0.1
334109	Rock	0.3	2.0	0.3	2.3	0.4	1.3	0.1	0.9	0.1	1.34	26.7	48.1	0.4	5.34	1.7	7.99	3861	1	1.8	1.7
334110	Rock	4.7	11.6	1.4	8.5	1.2	3.0	0.3	2.0	0.2	1.88	50.3	27.4	2.5	44.40	2.7	22.35	3307	<1	21.0	2.5
334111	Rock	0.1	3.2	0.4	2.8	0.6	1.7	0.2	1.9	0.2	3.86	94.5	113.6	0.7	10.87	8.3	13.73	5327	4	4.3	8.2
334112	Rock	<0.1	3.0	0.4	2.5	0.5	1.6	0.2	2.4	0.2	2.41	18.2	101.5	0.7	11.46	0.7	13.45	10689	<1	4.2	0.8
334113	Rock	0.1	0.5	<0.1	0.6	0.1	0.3	<0.1	0.3	<0.1	0.22	10.0	7.3	<0.1	0.82	0.5	0.61	56	<1	0.6	0.5
334114	Rock	<0.1	0.8	0.1	0.8	0.1	0.5	<0.1	0.5	<0.1	0.17	7.2	4.5	<0.1	0.62	0.1	1.32	23	<1	2.9	0.1
334138	Rock	27.4	196.7	27.2	175.2	28.2	73.6	8.9	59.3	7.2	37.63	5.5	33.7	1.7	159.2	0.7	18.48	N.A.	N.A.	N.A.	N.A.
334139	Rock	13.6	125.3	17.0	105.1	18.1	45.1	4.9	29.1	3.0	7.77	2.3	19.3	7.4	323.7	0.2	38.75	N.A.	N.A.	N.A.	N.A.
334140	Rock	10.4	123.8	19.4	131.0	24.7	63.3	7.7	46.8	5.1	4.48	9.2	63.9	4.7	432.9	0.5	29.64	N.A.	N.A.	N.A.	N.A.
334141	Rock	<0.1	2.9	0.3	2.4	0.4	1.2	0.2	1.4	0.2	1.84	33.1	115.9	0.8	19.80	1.3	19.49	4973	8	2.8	1.3
334142	Rock	4.0	20.2	2.2	13.1	2.1	5.4	0.6	4.1	0.5	3.52	49.4	106.6	10.8	388.3	2.7	37.35	574	12	1.8	2.8
334143	Rock	12.8	68.5	6.2	31.6	5.1	13.6	2.3	17.7	2.5	14.56	74.3	361.1	65.6	1982	8.9	61.13	N.A.	N.A.	N.A.	N.A.
334144	Rock	7.3	221.1	36.6	254.8	46.7	120.4	15.3	93.1	10.4	0.71	254.7	242.6	65.1	>2000	6.4	38.18	N.A.	N.A.	N.A.	N.A.
334145	Rock	14.2	490.3	95.6	588.5	121.9	328.2	45.1	267.3	33.5	1.11	207.9	222.8	1.6	1707	6.5	24.61	N.A.	N.A.	N.A.	N.A.
334146	Rock	5.9	105.9	18.4	96.9	17.1	41.9	4.9	28.0	3.4	0.78	14.9	53.6	12.6	194.5	0.7	27.78	311	3	0.5	0.5
334147	Rock	2.7	35.0	4.2	16.3	2.4	5.8	0.8	5.3	0.7	2.59	9.9	38.7	15.3	321.7	0.5	42.14	245	4	0.7	0.4



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Project: True Blue  
 Report Date: November 02, 2010

Page: 2 of 2 Part 4

CERTIFICATE OF ANALYSIS

WHI1000248.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		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	0.05	0.02	0.05	
334101	Rock	14.0	7.3	96.4	104.8	3	260.5	4.8	14.4	3.5	76	3.8	302.6	52.4	55.9	104.7	11.20	42.6	7.56	2.07	8.75
334102	Rock	0.6	0.8	1.3	3.0	<1	61.3	<0.1	0.8	0.4	<8	<0.5	29.5	2.9	2.0	3.0	0.33	2.0	0.49	0.16	0.55
334103	Rock	0.6	2.1	1.2	<0.1	<1	37.8	0.1	0.7	0.3	<8	<0.5	77.9	1.8	1.8	3.4	0.32	1.4	0.28	0.08	0.23
334104	Rock	1.4	0.4	1.3	8.1	<1	284.0	<0.1	1.0	0.6	47	<0.5	12.8	5.3	6.3	11.3	1.29	5.4	0.89	0.28	0.83
334105	Rock	0.6	0.2	0.8	3.7	<1	74.3	<0.1	0.5	0.3	<8	<0.5	6.9	8.4	3.6	6.6	0.71	3.7	0.69	0.25	1.10
334106	Rock	<0.5	0.8	0.9	0.7	<1	65.2	<0.1	0.5	0.8	12	<0.5	26.0	5.5	2.5	5.2	0.52	2.7	0.53	0.13	0.61
334107	Rock	1.4	3.3	1.1	0.6	<1	19.9	<0.1	0.9	0.6	8	0.7	129.3	2.8	2.6	4.3	0.42	2.1	0.35	0.13	0.36
334108	Rock	1.2	1.8	1.1	2.7	<1	47.0	<0.1	0.6	0.4	<8	<0.5	77.8	3.0	3.1	5.6	0.52	2.4	0.41	0.09	0.45
334109	Rock	8.0	2.0	6.4	55.4	<1	340.3	0.4	5.7	2.5	494	0.8	66.4	17.0	18.1	32.3	3.79	15.9	2.63	0.51	2.60
334110	Rock	21.1	5.6	80.2	30.6	2	471.4	4.7	7.1	2.0	193	3.2	237.5	35.1	77.2	164.2	19.42	80.7	13.92	5.45	12.29
334111	Rock	14.2	7.4	12.8	145.6	2	24.9	0.8	8.7	12.9	969	3.5	269.1	21.9	27.6	47.0	5.88	22.5	3.27	0.88	2.74
334112	Rock	12.9	3.1	12.7	122.9	2	231.1	0.8	10.7	7.4	911	2.1	116.1	19.3	30.1	50.8	5.98	21.7	3.38	0.77	2.90
334113	Rock	<0.5	0.3	0.7	7.2	<1	105.4	<0.1	0.6	2.8	<8	0.5	9.9	4.7	3.2	5.7	0.64	3.4	0.50	0.13	0.57
334114	Rock	1.3	1.0	0.7	4.5	<1	107.7	<0.1	1.1	0.3	22	<0.5	40.8	6.0	1.3	3.6	0.45	3.1	0.79	0.09	0.92
334138	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334139	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334140	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334141	Rock	20.4	3.7	27.7	143.1	5	17.7	1.1	17.2	3.6	353	9.5	137.8	28.6	28.8	49.9	5.44	19.4	3.38	0.33	3.57
334142	Rock	40.4	5.8	445.1	141.2	18	57.5	11.2	239.9	50.5	<8	14.9	319.4	82.9	371.1	645.5	59.52	196.8	25.71	4.64	18.27
334143	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334144	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334145	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334146	Rock	23.6	42.2	3490	54.9	3	53.6	167.2	2616	95.5	51	19.5	2332	426.3	206.6	709.7	105.2	513.3	106.4	5.34	108.4
334147	Rock	44.7	26.7	593.7	37.8	4	74.2	26.7	82.5	11.0	<8	3.9	1098	212.1	457.1	870.2	92.08	333.9	51.52	2.87	43.51



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Project: True Blue

Report Date: November 02, 2010

Page: 2 of 2 Part 5

## CERTIFICATE OF ANALYSIS

WHI1000248.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B
		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
334101	Rock	1.70	10.29	1.85	4.68	0.60	3.74	0.53
334102	Rock	0.06	0.33	0.06	0.18	0.02	0.12	0.02
334103	Rock	0.04	0.18	0.05	0.13	0.02	0.18	0.03
334104	Rock	0.13	0.72	0.14	0.37	0.05	0.36	0.05
334105	Rock	0.18	1.03	0.19	0.50	0.06	0.40	0.06
334106	Rock	0.11	0.68	0.13	0.38	0.05	0.34	0.05
334107	Rock	0.06	0.36	0.07	0.24	0.04	0.33	0.05
334108	Rock	0.06	0.34	0.08	0.24	0.04	0.26	0.05
334109	Rock	0.38	2.00	0.45	1.27	0.17	1.06	0.16
334110	Rock	1.59	8.08	1.25	3.00	0.39	2.26	0.32
334111	Rock	0.47	2.78	0.61	1.63	0.26	1.60	0.22
334112	Rock	0.44	2.53	0.54	1.48	0.23	1.53	0.23
334113	Rock	0.10	0.55	0.11	0.31	0.04	0.28	0.05
334114	Rock	0.15	0.91	0.17	0.46	0.07	0.45	0.06
334138	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334139	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334140	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334141	Rock	0.59	3.42	0.73	2.17	0.32	2.09	0.31
334142	Rock	2.54	13.53	2.36	6.26	0.85	5.40	0.72
334143	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334144	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334145	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334146	Rock	16.82	95.15	17.23	43.64	5.39	31.99	4.05
334147	Rock	7.04	40.07	7.55	20.81	2.97	19.86	2.71





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Project: True Blue  
 Report Date: November 02, 2010

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI10000248.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
Pulp Duplicates																					
334141	Rock	1.30	3.04	12.30	1.76	45.5	<20	21.6	2.1	112	1.32	1.2	3.1	<0.1	15.1	17	0.22	1.25	0.11	346	0.60
REP 334141	QC		2.82	11.90	1.76	46.1	<20	22.3	2.1	110	1.31	1.6	3.1	<0.1	15.2	16	0.18	1.22	0.09	344	0.59
334146	Rock	1.68	27.14	1.94	36.68	91.3	*	16.3	1.1	688	3.02	0.6	87.8	<0.1	>2000	53	0.33	2.01	0.13	37	3.14
REP 334146	QC		27.23	1.77	36.39	89.6	*	17.1	0.8	690	3.03	0.3	89.7	<0.1	>2000	54	0.32	2.05	0.12	38	3.19
Reference Materials																					
STD OREAS24P	Standard		1.31	46.20	2.94	115.2	59	139.6	46.5	1129	7.59	1.1	0.7	<0.1	2.8	384	0.20	0.09	<0.04	170	5.92
STD OREAS24P	Standard		1.55	52.80	3.19	118.6	30	148.3	49.0	1163	7.77	0.9	1.0	<0.1	2.9	394	0.17	0.09	<0.04	169	6.17
STD OREAS45P	Standard		2.09	739.1	21.33	146.6	393	394.9	118.3	1301	18.60	11.3	2.1	<0.1	9.8	32	0.21	0.71	0.25	278	0.29
STD OREAS45P	Standard		2.15	739.9	26.64	156.6	395	393.6	135.5	1340	19.36	12.6	2.7	<0.1	11.3	36	0.18	0.92	0.26	267	0.34
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected			1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45P Expected			2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3
STD SO-18 Expected																					
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.20	4.05	17.38	50.3	<20	3.0	4.9	764	2.40	0.2	2.7	<0.1	8.7	699	0.06	0.06	0.16	54	2.30
G1	Prep Blank		0.23	3.49	17.00	51.9	27	3.5	4.6	751	2.39	0.4	2.8	<0.1	8.2	673	0.06	0.05	0.14	52	2.37



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Client: **Great Western Minerals Group Ltd.**  
 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 02, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI10000248.2

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
Unit		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
Pulp Duplicates																					
334141	Rock	0.097	25.3	43	0.95	5541	0.204	5.95	0.028	4.34	6.7	64.8	4.6	9	9.8	<0.04	13.0	39.43	4.6	18.2	2.9
REP 334141	QC	0.093	25.7	43	0.93	5470	0.205	5.86	0.027	4.25	6.7	65.6	4.2	9	10.1	<0.04	13.2	40.93	4.8	18.0	3.1
334146	Rock	0.010	206.8	10	1.98	311	0.279	3.11	0.110	1.17	0.6	43.6	1.9	4	3.6	<0.04	365.1	771.6	105.2	504.8	109.7
REP 334146	QC	0.010	206.9	11	2.00	307	0.281	3.11	0.112	1.24	0.6	43.4	2.0	3	3.6	<0.04	361.8	765.3	109.9	513.4	105.7
Reference Materials																					
STD OREAS24P	Standard	0.152	16.9	185	4.12	295	1.071	8.21	2.424	0.74	0.6	131.3	1.3	1	20.4	<0.04	17.9	33.01	4.2	18.8	3.8
STD OREAS24P	Standard	0.159	19.5	201	4.21	300	1.097	8.30	2.470	0.72	0.5	145.2	1.7	1	21.2	<0.04	25.3	40.72	5.3	21.9	4.7
STD OREAS45P	Standard	0.048	22.4	1095	0.19	303	1.044	7.25	0.092	0.38	1.0	145.5	2.4	<1	69.2	<0.04	11.1	43.85	5.1	21.2	4.8
STD OREAS45P	Standard	0.053	25.9	1117	0.22	303	1.047	7.09	0.103	0.37	1.1	147.6	2.7	1	70.9	<0.04	14.3	52.45	6.1	22.7	4.2
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7
STD OREAS45P Expected		0.047	24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5		67.1	0.03	13	48.9	6	23.2	4.24
STD SO-18 Expected																					
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.10	<0.1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.082	27.7	5	0.63	1134	0.215	7.26	2.828	3.23	0.3	10.4	1.4	3	5.5	<0.04	13.9	51.57	6.0	24.0	3.6
G1	Prep Blank	0.084	27.9	6	0.63	990	0.209	7.10	2.810	3.02	0.2	10.9	1.6	2	5.5	<0.04	13.2	50.50	5.8	23.1	3.6



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 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 02, 2010

Page: 1 of 1 Part 3

QUALITY CONTROL REPORT

WHI10000248.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B		
Unit		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs	
MDL		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Pulp Duplicates																						
334141	Rock	<0.1	2.9	0.3	2.4	0.4	1.2	0.2	1.4	0.2	1.84	33.1	115.9	0.8	19.80	1.3	19.49	4973	8	2.8	1.3	
REP 334141	QC	<0.1	3.3	0.3	2.3	0.4	1.3	0.2	1.5	0.2	1.76	32.8	114.3	0.8	19.26	1.2	19.58					
334146	Rock	5.9	105.9	18.4	96.9	17.1	41.9	4.9	28.0	3.4	0.78	14.9	53.6	12.6	194.5	0.7	27.78	311	3	0.5	0.5	
REP 334146	QC	5.8	105.7	18.0	98.6	18.4	44.0	5.1	28.2	3.5	0.73	14.6	56.0	9.3	175.0	0.7	27.71					
Reference Materials																						
STD OREAS24P	Standard	1.3	4.7	0.7	4.1	0.9	2.3	0.3	1.9	0.2	3.37	8.5	19.2	1.2	18.79	0.8	18.80					
STD OREAS24P	Standard	1.6	5.2	1.0	5.3	0.9	2.7	0.3	2.0	0.3	3.60	9.1	24.1	1.3	24.69	0.9	20.16					
STD OREAS45P	Standard	0.9	3.9	0.6	3.5	0.6	1.7	0.2	1.7	0.2	4.00	16.0	21.1	1.3	18.66	2.2	22.85					
STD OREAS45P	Standard	1.1	4.0	0.7	3.9	0.7	1.7	0.3	1.8	0.2	4.07	15.5	26.0	1.3	20.00	2.2	22.35					
STD SO-18	Standard																	552	<1	27.6	7.2	
STD SO-18	Standard																	571	<1	28.6	7.5	
STD OREAS24P Expected		1.6	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43					
STD OREAS45P Expected		1.1	3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5					
STD SO-18 Expected																		514	1	26.2	7.1	
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02					
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02					
BLK	Blank																	<1	<1	<0.2	<0.1	
Prep Wash																						
G1	Prep Blank	0.7	3.5	0.4	2.8	0.5	1.4	0.2	1.5	0.2	0.54	38.2	115.1	1.5	26.48	4.5	17.87	N.A.	N.A.	N.A.	N.A.	
G1	Prep Blank	0.7	3.3	0.4	2.8	0.5	1.5	0.2	1.6	0.2	0.53	39.2	104.6	1.4	22.49	4.5	17.97	N.A.	N.A.	N.A.	N.A.	



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Project: True Blue  
 Report Date: November 02, 2010

Page: 1 of 1 Part 4

QUALITY CONTROL REPORT

WHI10000248.2

Method	Analyte	Unit	MDL	4B Ga	4B Hf	4B Nb	4B Rb	4B Sn	4B Sr	4B Ta	4B Th	4B U	4B V	4B W	4B Zr	4B Y	4B La	4B Ce	4B Pr	4B Nd	4B Sm	4B Eu	4B Gd
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Pulp Duplicates																							
334141	Rock			20.4	3.7	27.7	143.1	5	17.7	1.1	17.2	3.6	353	9.5	137.8	28.6	28.8	49.9	5.44	19.4	3.38	0.33	3.57
REP 334141	QC																						
334146	Rock			23.6	42.2	3490	54.9	3	53.6	167.2	2616	95.5	51	19.5	2332	426.3	206.6	709.7	105.2	513.3	106.4	5.34	108.4
REP 334146	QC																						
Reference Materials																							
STD OREAS24P	Standard																						
STD OREAS24P	Standard																						
STD OREAS45P	Standard																						
STD OREAS45P	Standard																						
STD SO-18	Standard			18.3	10.1	23.8	29.0	15	416.0	7.4	10.6	17.0	213	15.1	309.2	32.2	12.7	28.1	3.45	14.7	2.98	0.87	3.03
STD SO-18	Standard			19.0	10.1	24.8	29.7	17	422.6	7.9	11.5	17.5	222	16.1	314.8	32.9	13.0	29.2	3.53	15.3	3.06	0.91	3.24
STD OREAS24P Expected																							
STD OREAS45P Expected																							
STD SO-18 Expected				17.6	9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93
BLK	Blank																						
BLK	Blank																						
BLK	Blank			<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	<0.02	<0.05
Prep Wash																							
G1	Prep Blank			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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226 Cardinal Crescent  
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Project: True Blue

Report Date: November 02, 2010

Page: 1 of 1 Part 5

## QUALITY CONTROL REPORT

WHI10000248.2

Method		4B	4B	4B	4B	4B	4B	4B
Analyte		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
Pulp Duplicates								
334141	Rock	0.59	3.42	0.73	2.17	0.32	2.09	0.31
REP 334141	QC							
334146	Rock	16.82	95.15	17.23	43.64	5.39	31.99	4.05
REP 334146	QC							
Reference Materials								
STD OREAS24P	Standard							
STD OREAS24P	Standard							
STD OREAS45P	Standard							
STD OREAS45P	Standard							
STD SO-18	Standard	0.50	2.98	0.62	1.84	0.28	1.85	0.27
STD SO-18	Standard	0.52	3.12	0.65	1.92	0.29	1.92	0.30
STD OREAS24P Expected								
STD OREAS45P Expected								
STD SO-18 Expected		0.53	3	0.62	1.84	0.27	1.79	0.27
BLK	Blank							
BLK	Blank							
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
Prep Wash								
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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226 Cardinal Crescent  
Saskatoon SK S7L 6H8 Canada

Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: August 18, 2010  
Report Date: November 01, 2010  
Page: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI10000271.2

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-022  
P.O. Number  
Number of Samples: 51

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
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: Great Western Minerals Group Ltd.  
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Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	51	Crush, split and pulverize 250 g rock to 200 mesh			WHI
Group 1T	51	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
4B03	39	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed	VAN

### ADDITIONAL COMMENTS

Version 2: 4B03 analysis included



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.  
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.  
\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 3 Part 1

# CERTIFICATE OF ANALYSIS

WHI10000271.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
334148	Rock	0.84	0.07	5.01	0.74	83.3	<20	64.6	14.7	901	4.22	9.4	0.4	<0.1	0.6	76	0.10	3.70	<0.04	227	7.14
334149	Rock	0.53	18.35	11.98	2.34	14.9	<20	13.5	3.9	313	2.65	19.5	4.3	<0.1	2.9	13	0.05	1.21	0.45	179	1.21
334150	Rock	0.76	0.80	19.10	3.99	51.1	<20	18.9	10.5	2194	9.44	6.9	20.9	<0.1	29.8	149	0.14	8.09	0.45	149	13.00
334151	Rock	0.54	0.71	5.33	1.29	66.9	20	13.0	8.7	1867	7.83	4.0	14.6	<0.1	4.9	59	0.26	2.84	0.11	154	11.10
334152	Rock	0.55	0.17	1.11	0.49	518.4	<20	3.1	3.2	>10000	5.54	1.5	<0.1	<0.1	<0.1	15	0.54	0.54	<0.04	90	14.20
334153	Rock	0.49	0.23	3.46	2.99	32.9	<20	34.2	10.3	485	2.72	5.9	0.9	<0.1	3.6	212	0.07	5.83	0.07	180	10.17
334154	Rock	0.54	0.07	0.93	11.93	76.5	<20	8.2	6.8	2127	6.57	6.2	9.9	<0.1	7.5	84	0.30	3.87	0.16	113	19.92
334155	Rock	0.44	31.19	20.43	2.20	11.6	<20	17.5	6.8	680	1.72	87.5	7.3	<0.1	5.7	18	0.07	2.14	2.99	253	0.96
334156	Rock	0.64	0.31	23.42	2.41	71.8	<20	14.5	11.2	1309	8.16	6.0	14.6	<0.1	23.9	80	0.17	2.47	1.29	194	8.14
334157	Rock	1.07	0.46	75.56	4.03	29.9	<20	37.8	23.8	1515	9.04	2.2	195.9	<0.1	94.5	143	0.15	3.38	0.36	217	11.45
334158	Rock	0.36	0.21	4.62	3.05	108.8	<20	10.5	15.5	1325	5.90	1.1	1.0	<0.1	2.5	47	0.15	2.29	0.09	15	16.61
334159	Rock	0.28	1.69	25.31	3.99	78.9	<20	7.2	24.5	1786	9.71	1.6	22.8	<0.1	54.9	61	0.24	4.28	0.07	15	14.22
334160	Rock	0.20	0.25	2.27	17.90	14.1	*	0.7	2.9	230	2.19	<0.2	276.0	*	716.0	88	0.33	1.98	0.11	<1	3.98
334161	Rock	0.35	0.66	12.11	8.60	70.7	*	2.9	7.4	1009	5.27	0.5	76.2	<0.1	171.9	176	0.41	3.29	0.54	4	6.42
334162	Rock	0.88	3.00	2.82	4.18	38.7	<20	0.6	1.1	263	4.00	0.5	3.8	<0.1	21.7	168	0.39	0.45	<0.04	1	1.21
334163	Rock	0.57	3.35	3.63	3.00	14.5	<20	1.0	5.0	334	1.97	2.2	2.9	<0.1	14.9	48	0.17	0.82	0.48	<1	0.86
334164	Rock	0.54	4.60	3.52	4.11	13.4	<20	0.4	3.3	662	3.01	1.1	12.7	<0.1	85.0	87	0.33	1.32	0.46	<1	5.45
334165	Rock	1.07	3.60	0.81	4.27	50.8	<20	3.6	2.1	214	3.68	1.1	10.4	<0.1	18.1	129	0.20	1.85	0.11	<1	0.27
334166	Rock	0.46	1.86	35.64	13.36	158.6	<20	122.9	29.6	941	4.96	1.4	5.3	<0.1	21.0	480	0.67	0.94	0.05	167	4.26
334167	Rock	0.76	3.34	409.4	>10000	>10000	26026	1.3	2.7	9997	7.55	10.3	1.2	<0.1	5.1	18	84.22	18.02	2.72	<1	0.29
334168	Rock	0.57	1.09	2.01	4.12	33.2	<20	0.9	0.3	641	1.53	0.5	5.2	<0.1	44.1	84	0.35	0.90	<0.04	10	0.89
334169	Rock	1.56	4.32	22.48	39.02	257.3	<20	5.0	3.8	1779	5.56	<0.2	84.0	<0.1	510.2	250	2.24	1.18	0.83	29	5.50
334201	Rock	0.78	5.35	2.95	7.38	32.3	<20	52.4	8.0	655	3.68	3.5	53.7	<0.1	409.3	49	0.47	1.54	0.29	84	2.46
334202	Rock	0.86	29.02	1.60	6.93	50.4	<20	43.9	8.2	494	5.56	6.9	62.6	<0.1	225.2	18	0.27	1.26	0.37	196	1.37
334203	Rock	0.18	4.40	1.70	8.84	264.3	<20	66.5	5.7	324	7.80	<0.2	118.9	<0.1	459.8	17	0.56	1.81	0.16	140	0.49
334204	Rock	0.44	4.84	3.33	3.27	56.9	<20	6.7	1.5	2964	10.35	0.5	24.1	<0.1	23.7	62	0.53	0.96	0.09	8	4.12
334205	Rock	0.49	7.73	4.04	19.79	234.9	<20	5.0	2.6	7105	8.58	<0.2	87.5	<0.1	572.9	134	1.25	1.52	0.51	7	5.40
334206	Rock	0.61	7.53	3.16	8.01	237.5	<20	79.0	16.0	226	6.95	10.0	49.8	<0.1	299.6	18	0.50	0.79	1.29	159	0.38
334207	Rock	0.70	2.12	13.08	5.54	50.5	<20	59.5	2.1	510	0.97	1.1	56.0	<0.1	221.2	53	0.54	0.71	0.09	235	1.35
334208	Rock	0.78	5.27	1.02	29.32	158.4	<20	28.1	4.8	5082	7.48	<0.2	108.9	<0.1	1300	139	0.56	1.78	1.09	91	3.47

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Client: **Great Western Minerals Group Ltd.**  
 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 3 Part 2

CERTIFICATE OF ANALYSIS

WHI10000271.2

Method	Analyte	Unit	MDL	1T P	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
334148	Rock			0.075	11.6	187	5.32	3111	0.845	5.66	0.077	3.83	3.1	37.2	5.6	<1	28.0	<0.04	12.1	23.16	2.8	11.7	2.5
334149	Rock			0.035	10.0	24	1.22	1920	0.148	2.90	0.034	2.30	3.7	30.3	1.0	2	4.8	0.08	11.8	18.46	2.1	9.1	1.8
334150	Rock			0.150	232.8	32	3.85	4012	0.635	4.89	0.209	1.90	1.4	132.4	7.4	2	10.6	0.07	36.9	383.5	36.3	109.2	12.1
334151	Rock			0.066	136.3	25	3.61	2223	0.292	3.12	0.216	1.84	0.9	72.8	3.8	2	5.1	<0.04	26.0	238.9	23.4	72.2	8.4
334152	Rock			0.001	0.5	6	1.22	10	0.005	8.88	0.008	<0.02	<0.1	4.7	0.3	24	10.1	<0.04	3.1	0.83	<0.1	0.3	<0.1
334153	Rock			0.126	34.8	78	3.34	4157	1.000	8.18	1.703	2.92	1.2	59.7	1.5	1	22.8	<0.04	21.6	70.95	8.3	31.3	5.5
334154	Rock			0.947	206.0	16	6.13	476	0.159	1.24	0.095	0.21	1.9	30.2	9.0	2	2.4	<0.04	25.7	339.4	34.2	113.0	12.1
334155	Rock			0.057	7.8	36	0.44	2811	0.221	4.00	0.089	3.28	3.0	44.1	1.0	2	6.4	0.09	16.8	13.85	1.7	7.4	1.5
334156	Rock			0.139	196.8	64	3.81	4062	0.922	6.01	0.274	3.09	3.6	149.4	10.2	4	16.2	<0.04	49.9	344.6	35.7	117.6	14.1
334157	Rock			0.127	1934	41	3.41	3483	0.299	4.81	0.662	2.58	1.7	76.3	4.1	7	5.7	0.14	167.9	>2000	306.7	1122	103.5
334158	Rock			0.002	6.6	7	7.25	239	0.036	0.33	0.102	0.10	0.3	18.3	1.6	14	1.3	<0.04	43.5	16.82	3.3	17.6	5.5
334159	Rock			0.041	>2000	14	2.20	362	0.098	1.36	0.142	0.18	5.5	52.0	7.0	16	1.8	<0.04	210.8	>2000	748.2	>2000	231.0
334160	Rock			0.012	>2000	2	0.10	65	0.121	1.61	0.013	<0.02	1.9	199.6	6.3	54	<0.1	0.08	>2000	>2000	905.8	>2000	441.4
334161	Rock			0.013	886.6	2	2.22	566	0.200	2.25	0.569	0.63	1.4	270.3	25.9	33	<0.1	<0.04	483.4	1668	170.2	673.2	111.3
334162	Rock			0.014	57.1	1	0.89	1547	0.187	8.69	4.472	3.98	6.4	20.4	7.0	8	0.5	<0.04	49.8	133.5	15.1	55.4	9.3
334163	Rock			0.017	63.9	2	0.56	1571	0.125	8.56	4.114	4.81	11.2	23.2	8.1	5	0.3	0.30	18.2	131.7	13.9	45.5	6.7
334164	Rock			0.034	249.8	2	1.14	544	0.109	8.44	3.603	3.49	20.8	157.5	17.7	8	0.1	0.14	81.1	464.7	44.9	147.9	21.5
334165	Rock			0.018	21.1	4	1.55	424	0.208	9.29	2.662	2.49	3.3	90.8	12.6	14	0.7	0.09	84.4	50.02	5.6	23.2	8.8
334166	Rock			0.200	37.5	322	4.38	1493	0.552	7.86	2.212	2.21	1.7	177.9	1.8	3	21.0	0.10	21.7	77.58	9.6	39.7	6.3
334167	Rock			0.004	29.1	2	0.41	102	0.025	1.90	0.061	0.75	0.7	52.6	1.9	2	0.1	1.26	11.9	53.09	5.5	18.6	2.7
334168	Rock			0.064	263.2	3	0.28	182	0.328	8.21	6.716	1.02	12.2	63.9	2.4	5	2.2	<0.04	45.3	618.0	55.8	195.5	23.7
334169	Rock			0.051	1899	3	1.34	450	0.286	5.03	2.528	1.85	16.9	>2000	79.6	62	1.2	0.12	780.5	>2000	311.2	1272	187.5
334201	Rock			0.125	1138	9	1.17	144	0.227	5.21	2.828	0.62	21.3	164.3	4.7	4	5.1	0.15	569.8	1873	178.6	721.6	117.8
334202	Rock			0.162	408.2	47	2.03	217	0.267	5.36	0.093	1.58	18.6	43.3	5.3	3	6.4	0.23	124.5	860.1	82.1	289.3	44.3
334203	Rock			0.248	>2000	21	2.65	346	0.247	7.35	0.116	1.87	18.6	73.6	6.6	4	8.0	<0.04	841.0	>2000	380.3	1503	224.7
334204	Rock			0.017	286.3	3	0.23	30	0.116	5.32	4.361	0.02	5.5	244.1	16.4	3	0.5	<0.04	89.1	581.3	53.1	179.8	26.9
334205	Rock			0.026	740.2	3	0.69	64	0.139	4.56	3.746	0.02	2.4	199.4	34.3	11	0.5	<0.04	395.2	1551	150.7	574.4	99.8
334206	Rock			0.086	742.9	29	2.52	182	0.276	5.51	0.290	1.00	9.1	76.2	19.9	3	3.2	0.63	513.8	1257	103.1	367.8	67.3
334207	Rock			0.085	116.2	33	0.74	236	0.254	6.23	3.019	1.26	15.9	171.0	2.3	3	6.3	<0.04	253.5	337.7	51.0	239.5	52.4
334208	Rock			0.014	468.6	16	0.52	93	0.154	5.11	4.314	0.06	1.3	219.2	45.8	19	1.1	<0.04	342.4	1180	119.3	460.7	83.1

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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 3 Part 3

CERTIFICATE OF ANALYSIS

WHI10000271.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	1	1	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
334148	Rock	0.7	3.2	0.4	2.8	0.5	1.3	0.2	1.2	0.1	1.14	36.0	55.5	0.9	13.60	1.3	13.73	3442	<1	13.7	1.9
334149	Rock	<0.1	2.2	0.3	1.9	0.4	1.0	0.1	1.0	0.1	0.78	12.5	52.8	0.4	8.10	0.6	7.55	2161	<1	3.4	0.6
334150	Rock	4.3	8.7	1.1	6.8	1.2	3.1	0.4	2.9	0.3	3.04	7.7	29.5	2.0	83.78	0.4	11.32	3691	2	7.9	0.3
334151	Rock	1.8	6.1	0.7	4.1	0.8	2.3	0.3	2.0	0.3	1.57	6.2	41.6	0.9	27.68	0.7	8.63	2528	2	7.1	0.6
334152	Rock	<0.1	<0.1	<0.1	0.2	0.1	0.5	0.1	1.4	0.2	0.31	2.1	0.4	<0.1	0.36	<0.1	7.40	12	23	1.2	<0.1
334153	Rock	1.5	5.7	0.8	4.6	0.8	2.1	0.3	2.0	0.3	1.88	33.0	68.2	2.0	36.80	0.9	17.67	3776	1	9.4	0.8
334154	Rock	2.7	7.2	0.8	4.5	0.7	1.8	0.2	1.4	0.2	0.70	2.6	7.0	0.8	17.44	1.1	5.47	548	2	6.1	1.2
334155	Rock	<0.1	1.9	0.3	2.5	0.5	1.3	0.2	1.4	0.2	1.22	9.0	70.5	0.6	7.31	0.5	8.46	3570	2	5.6	0.5
334156	Rock	3.1	10.8	1.4	9.2	1.6	4.5	0.6	3.9	0.4	3.51	21.6	93.0	2.4	74.65	1.1	16.42	4203	3	10.4	1.3
334157	Rock	18.7	62.0	6.5	35.8	5.6	12.8	1.5	9.7	1.2	1.78	11.0	57.1	0.9	27.17	7.8	24.47	N.A.	N.A.	N.A.	N.A.
334158	Rock	<0.1	6.8	1.0	7.4	1.4	3.9	0.6	4.6	0.8	0.70	4.9	2.5	3.3	32.77	<0.1	7.33	N.A.	N.A.	N.A.	N.A.
334159	Rock	6.4	91.4	9.9	47.3	6.9	15.5	2.2	16.6	1.9	1.41	4.7	4.5	12.2	317.4	0.2	28.63	N.A.	N.A.	N.A.	N.A.
334160	Rock	32.2	427.0	74.4	535.6	106.1	297.6	36.9	244.0	27.1	3.95	1.9	2.2	29.9	451.0	0.2	43.97	N.A.	N.A.	N.A.	N.A.
334161	Rock	7.1	101.7	15.3	103.2	19.0	48.6	5.6	36.3	3.9	6.24	7.4	15.1	14.1	251.8	0.2	33.80	N.A.	N.A.	N.A.	N.A.
334162	Rock	0.5	9.4	1.6	10.7	2.1	6.2	0.8	5.7	0.7	0.45	35.0	134.9	13.6	206.6	3.9	39.51	1820	6	1.2	4.3
334163	Rock	0.2	5.5	0.8	4.9	0.8	2.0	0.2	1.5	0.2	0.47	15.4	150.9	10.7	207.0	0.9	40.80	1957	3	4.4	1.1
334164	Rock	1.3	17.6	2.8	18.8	3.3	8.2	0.9	5.6	0.6	2.87	24.6	127.8	29.8	707.8	0.9	48.62	644	10	2.2	0.9
334165	Rock	1.0	16.0	3.4	23.0	4.4	11.0	1.3	7.0	0.7	1.71	43.0	38.7	22.4	425.5	0.8	54.65	557	15	2.0	1.1
334166	Rock	1.1	5.7	0.7	4.1	0.8	2.0	0.3	2.3	0.3	4.73	38.3	112.7	1.2	23.14	3.9	16.87	1791	2	30.7	4.5
334167	Rock	0.2	2.5	0.4	2.2	0.5	1.1	0.1	1.1	0.1	0.97	8.4	42.6	1.7	40.79	1.3	8.58	109	<1	2.5	1.3
334168	Rock	1.2	15.6	2.0	11.2	1.9	5.2	0.7	4.7	0.6	1.56	14.3	31.8	13.7	236.8	0.4	34.80	203	4	0.4	0.6
334169	Rock	18.6	175.7	26.0	156.5	28.0	69.0	7.8	46.1	4.6	38.24	31.0	151.9	100.4	>2000	3.6	78.48	N.A.	N.A.	N.A.	N.A.
334201	Rock	12.5	113.4	17.7	111.3	19.6	51.3	6.1	39.0	4.2	3.35	12.8	23.3	50.6	1286	0.3	24.88	N.A.	N.A.	N.A.	N.A.
334202	Rock	5.4	34.4	5.0	29.2	4.8	11.9	1.5	9.6	1.0	1.09	21.9	54.0	33.3	1006	0.7	21.68	206	2	7.3	0.7
334203	Rock	25.3	185.2	28.6	181.3	30.1	78.3	9.5	64.1	7.0	1.54	40.5	70.8	94.3	>2000	0.8	42.72	N.A.	N.A.	N.A.	N.A.
334204	Rock	2.5	21.3	3.2	20.8	3.5	9.0	1.0	6.2	0.7	4.90	0.9	1.1	28.8	864.5	<0.1	61.59	29	3	1.7	<0.1
334205	Rock	9.0	95.8	16.3	98.7	17.1	36.0	3.5	19.1	2.1	3.37	0.8	1.5	13.8	804.8	<0.1	59.42	59	11	1.7	<0.1
334206	Rock	10.9	77.6	13.7	88.9	16.2	42.1	4.9	29.9	3.1	1.63	43.3	40.4	46.7	1493	0.8	33.25	175	2	14.8	0.8
334207	Rock	3.8	55.7	8.2	54.7	9.9	26.0	3.1	21.0	2.4	3.17	9.8	46.7	20.1	1118	0.6	17.66	223	3	2.0	0.6
334208	Rock	7.5	80.4	13.1	83.0	14.3	35.3	3.8	23.4	2.5	3.43	14.8	11.7	18.1	423.2	0.2	75.51	94	19	4.1	0.3

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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 3 Part 4

CERTIFICATE OF ANALYSIS

WHI10000271.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		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	0.02	0.05
334148	Rock	14.6	2.6	17.6	138.5	6	83.3	1.2	1.4	0.6	248	3.5	88.7	16.4	17.2	32.0	3.73	16.2	3.16	1.69	3.58
334149	Rock	7.7	1.0	10.5	58.7	1	12.9	0.6	3.9	5.0	185	3.8	39.7	13.4	10.6	19.6	2.29	9.8	1.87	0.30	1.93
334150	Rock	10.1	3.5	90.5	28.1	7	149.4	2.1	33.6	22.9	148	1.2	154.7	36.8	242.5	408.1	38.38	114.1	12.62	5.25	8.16
334151	Rock	7.5	1.9	31.7	44.3	4	59.7	0.9	5.2	17.2	161	0.9	82.7	27.5	149.7	261.4	25.50	83.8	8.69	2.25	5.50
334152	Rock	9.1	0.4	0.6	<0.1	<1	14.9	<0.1	<0.2	<0.1	92	<0.5	5.7	3.2	0.7	1.1	<0.02	0.4	0.07	0.02	0.06
334153	Rock	17.5	4.4	39.3	70.8	2	214.9	2.0	4.3	1.1	178	1.4	163.9	22.1	32.9	70.6	8.03	31.3	5.40	2.30	5.28
334154	Rock	5.3	1.1	19.1	6.6	10	88.1	0.9	7.9	11.7	118	2.0	35.7	26.6	227.6	385.3	38.00	122.4	13.11	3.07	8.59
334155	Rock	8.9	1.7	8.2	73.9	<1	17.7	0.6	5.8	8.1	266	3.0	57.7	17.7	9.2	15.1	1.78	7.7	1.73	0.25	2.11
334156	Rock	16.1	5.2	87.6	107.6	12	83.3	2.9	30.0	18.0	210	4.1	194.9	56.5	234.9	407.8	41.31	142.1	17.54	5.02	12.64
334157	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334158	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334159	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334160	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334161	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334162	Rock	39.0	31.4	269.5	182.6	8	198.2	16.2	35.0	7.2	<8	7.3	1397	76.3	93.8	207.4	21.22	73.9	13.47	1.06	12.13
334163	Rock	41.4	20.0	260.3	202.3	9	55.3	13.3	23.1	5.5	<8	12.0	863.3	36.8	106.0	199.6	19.56	65.9	9.34	0.75	6.99
334164	Rock	48.1	31.7	912.7	186.4	19	93.9	36.3	145.6	28.5	<8	22.0	1524	143.1	396.4	697.7	64.31	202.6	29.55	1.97	23.29
334165	Rock	59.6	51.5	587.6	120.0	14	174.8	32.8	59.0	20.5	<8	4.0	2142	215.1	66.6	137.0	14.06	54.1	19.66	2.47	33.46
334166	Rock	17.4	5.2	25.4	131.1	3	504.6	1.4	24.8	6.2	176	1.9	193.5	23.1	41.8	90.0	10.60	42.3	7.19	1.53	5.27
334167	Rock	8.7	5.0	56.8	44.4	1	18.4	3.4	6.0	1.8	<8	0.9	220.4	18.4	28.0	53.7	5.32	18.4	2.95	0.20	2.63
334168	Rock	32.2	33.2	314.6	38.8	2	88.7	17.0	57.5	8.8	9	14.8	1441	67.8	355.9	761.3	73.97	242.3	29.21	1.42	17.80
334169	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334201	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334202	Rock	18.3	23.7	1188	53.6	5	18.1	41.9	225.1	69.9	183	20.7	1189	221.8	375.0	714.4	76.22	302.8	45.39	5.65	38.36
334203	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334204	Rock	57.4	48.4	993.6	0.6	54	59.6	37.4	27.8	32.3	10	6.4	2322	168.9	255.8	495.3	49.92	185.9	26.79	2.67	22.40
334205	Rock	51.0	44.5	2322	1.0	69	122.5	46.4	556.1	101.1	8	9.8	2258	643.4	536.9	1289	136.2	556.3	95.60	8.96	99.46
334206	Rock	28.2	33.0	1600	40.0	19	17.4	52.8	314.7	58.4	140	11.4	1848	542.7	558.0	1103	98.17	370.2	64.11	10.40	70.78
334207	Rock	16.3	20.2	1279	50.3	3	54.4	23.9	224.5	68.4	217	16.9	1066	314.6	114.6	336.3	49.04	247.7	51.05	3.81	49.51
334208	Rock	65.7	44.5	3472	11.4	50	134.9	119.0	1357	117.5	85	14.1	2742	493.7	422.9	1045	110.6	464.8	80.81	7.54	77.94

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: True Blue  
 Report Date: November 01, 2010

Page: 2 of 3 Part 5

CERTIFICATE OF ANALYSIS

WHI10000271.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B
		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
334148	Rock	0.58	3.19	0.61	1.68	0.24	1.51	0.22
334149	Rock	0.29	1.73	0.38	1.08	0.14	1.00	0.14
334150	Rock	1.25	6.06	1.17	3.38	0.48	3.05	0.41
334151	Rock	0.77	4.36	0.83	2.37	0.34	2.29	0.34
334152	Rock	0.02	0.23	0.10	0.57	0.14	1.39	0.30
334153	Rock	0.83	4.28	0.83	2.23	0.30	2.05	0.29
334154	Rock	1.04	4.97	0.79	1.87	0.26	1.46	0.19
334155	Rock	0.37	2.24	0.50	1.49	0.21	1.42	0.21
334156	Rock	1.83	10.10	1.94	5.17	0.71	4.50	0.53
334157	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334158	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334159	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334160	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334161	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334162	Rock	2.27	13.74	2.86	8.68	1.33	9.33	1.37
334163	Rock	1.16	6.93	1.40	4.44	0.74	5.55	0.86
334164	Rock	4.03	23.85	4.93	13.49	1.92	12.40	1.78
334165	Rock	7.01	41.32	8.64	24.53	3.21	21.38	2.82
334166	Rock	0.80	4.35	0.81	2.44	0.33	2.18	0.33
334167	Rock	0.46	2.77	0.58	1.82	0.29	1.89	0.27
334168	Rock	2.58	13.11	2.49	7.31	1.13	7.85	1.18
334169	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334201	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334202	Rock	6.86	36.33	6.39	17.33	2.59	15.05	1.88
334203	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334204	Rock	4.35	25.26	5.12	15.06	2.29	13.79	1.97
334205	Rock	21.75	124.7	23.16	55.18	6.44	33.37	4.45
334206	Rock	14.20	78.30	14.87	41.71	6.16	35.35	4.48
334207	Rock	9.04	48.67	9.27	25.67	3.79	21.87	2.81
334208	Rock	15.45	85.66	16.43	45.52	6.66	38.67	5.01

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Project: True Blue  
 Report Date: November 01, 2010

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

WHI10000271.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
334209	Rock	0.86	67.54	26.10	45.33	41.3	<20	90.7	14.2	2325	3.74	52.5	116.7	<0.1	1954	56	0.55	1.70	2.16	97	4.10
334210	Rock	0.91	13.88	2.34	8.40	16.0	<20	16.0	3.3	730	1.41	2.4	5.8	<0.1	431.4	30	0.11	0.64	0.12	405	3.65
334211	Rock	0.98	4.55	14.18	138.1	114.6	<20	102.5	15.8	889	1.52	149.6	39.2	<0.1	>2000	68	0.51	4.03	0.76	348	0.74
334212	Rock	0.53	1.61	2.86	2.90	38.0	<20	1.9	0.7	921	1.66	2.3	8.2	<0.1	75.6	100	0.50	0.58	0.06	14	1.37
334213	Rock	0.79	3.44	3.39	20.92	66.4	<20	5.7	1.0	780	3.69	<0.2	115.8	<0.1	913.5	65	0.45	3.93	0.40	26	0.98
334214	Rock	0.61	22.00	1.95	2.79	35.6	<20	7.6	1.2	86	1.50	0.8	2.4	<0.1	20.7	38	0.06	0.34	0.16	12	0.10
334215	Rock	0.64	26.96	2.40	84.43	75.7	<20	7.7	0.8	1039	2.07	1.6	71.8	<0.1	1107	40	0.32	1.52	0.15	22	0.30
334216	Rock	0.74	7.98	0.73	5.41	100.1	<20	19.2	1.3	450	4.86	<0.2	27.2	<0.1	240.2	17	0.24	1.35	0.12	108	0.16
334217	Rock	0.76	37.09	1.12	11.41	113.2	<20	32.0	1.3	688	4.46	<0.2	79.9	<0.1	811.4	13	0.17	1.90	0.20	77	0.65
334218	Rock	0.88	7.10	2.46	14.22	38.4	<20	6.6	0.5	274	1.39	<0.2	52.8	<0.1	1005	60	0.35	1.16	0.11	24	0.54
334219	Rock	0.59	25.36	1.15	14.72	60.4	<20	24.0	0.9	577	2.90	<0.2	83.7	<0.1	1020	59	0.33	1.85	0.13	36	2.50
334220	Rock	0.53	5.57	0.68	6.19	76.6	<20	15.0	0.7	414	2.37	<0.2	45.4	<0.1	322.6	39	0.28	1.30	0.07	8	0.80
334221	Rock	0.71	24.97	2.02	4.80	52.3	<20	6.8	1.0	113	2.04	1.2	16.5	<0.1	264.5	30	0.08	0.65	0.16	17	0.13
334222	Rock	1.02	16.22	2.86	63.83	49.7	<20	4.1	0.6	230	1.58	14.3	80.0	<0.1	>2000	33	0.16	1.12	0.16	23	0.12
334223	Rock	0.67	4.59	1.18	31.51	94.2	<20	14.2	1.7	1859	4.06	<0.2	138.7	<0.1	1439	140	0.43	2.36	0.28	87	5.47
334224	Rock	0.70	28.54	0.38	5.65	240.3	<20	71.6	1.8	355	6.87	<0.2	96.8	<0.1	365.4	7	0.21	2.22	0.18	46	0.38
334225	Rock	0.92	2.11	1.24	11.80	188.1	<20	16.6	1.1	233	4.99	<0.2	103.7	<0.1	842.7	5	0.15	1.68	0.16	32	0.08
334226	Rock	0.67	0.65	2.83	8.80	14.4	32	3.9	2.3	276	1.97	1.5	80.4	<0.1	360.7	32	0.33	1.19	0.41	8	3.78
334227	Rock	0.81	1.99	6.57	37.02	71.1	32	3.4	11.8	1096	8.74	<0.2	1109	<0.1	1859	53	0.17	2.34	0.69	6	4.99
334228	Rock	0.94	2.93	2.85	32.66	47.3	<20	3.4	10.7	1099	11.14	1.1	212.0	<0.1	1898	48	0.33	2.71	0.43	<1	5.47
334229	Rock	0.63	0.29	5.58	28.20	36.0	<20	1.9	3.7	366	2.22	2.5	621.8	<0.1	1399	35	0.14	1.67	0.84	<1	3.78



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Project: True Blue  
 Report Date: November 01, 2010

Page: 3 of 3 Part 2

CERTIFICATE OF ANALYSIS

WHI10000271.2

Method	Analyte	Unit	MDL	1T P	1T La	1T Cr	1T Mg	1T Ba	1T Ti	1T Al	1T Na	1T K	1T W	1T Zr	1T Sn	1T Be	1T Sc	1T S	1T Y	1T Ce	1T Pr	1T Nd	1T Sm
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
				0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
334209	Rock			0.290	1420	14	1.15	588	0.203	3.43	0.252	1.65	7.1	384.6	3.2	11	3.9	<0.04	938.7	>2000	269.4	1204	185.6
334210	Rock			0.211	139.3	46	1.77	287	0.134	3.87	0.078	2.06	1.6	40.5	1.7	6	16.8	0.09	70.7	289.0	35.9	149.1	26.2
334211	Rock			0.185	930.8	43	0.31	411	0.431	6.49	3.930	1.22	9.3	60.0	3.4	26	12.5	<0.04	241.4	1730	170.2	651.9	93.9
334212	Rock			0.012	325.6	3	0.76	111	0.142	7.88	6.948	0.34	1.1	40.3	1.0	5	0.4	<0.04	80.7	662.5	61.5	213.3	29.2
334213	Rock			0.006	296.6	6	2.82	199	0.216	6.10	3.419	0.13	1.1	153.8	2.5	34	3.3	0.05	963.6	910.2	120.8	691.0	159.2
334214	Rock			0.017	12.8	4	1.34	100	0.050	5.45	6.681	0.56	0.5	22.4	0.4	3	0.9	<0.04	19.1	39.21	5.1	24.7	4.8
334215	Rock			0.022	122.9	4	0.97	377	0.085	5.71	3.776	0.83	3.6	202.4	0.6	4	1.1	<0.04	412.8	326.2	38.5	183.6	40.6
334216	Rock			0.005	96.9	24	8.25	168	0.433	6.47	1.254	1.75	5.4	60.9	1.7	10	21.9	<0.04	335.2	308.9	41.7	197.8	46.4
334217	Rock			0.036	67.5	18	7.50	306	0.326	3.85	0.035	2.80	1.2	23.3	1.2	2	6.1	<0.04	626.0	261.2	40.5	234.8	70.0
334218	Rock			0.131	100.2	14	2.65	151	0.227	5.55	4.029	1.21	4.4	287.1	0.7	3	1.8	<0.04	398.4	258.5	34.3	190.4	59.6
334219	Rock			0.039	341.7	5	2.27	265	0.249	4.69	1.319	1.28	4.5	120.9	1.1	5	2.6	<0.04	559.8	1079	129.6	627.7	115.3
334220	Rock			0.034	280.2	4	2.26	516	0.291	7.52	2.812	2.66	5.5	32.7	1.3	10	1.1	<0.04	269.6	653.6	73.9	321.6	73.2
334221	Rock			0.012	43.0	3	1.69	50	0.106	5.43	4.319	0.17	2.6	31.8	0.9	3	0.6	<0.04	120.5	146.7	17.7	86.9	19.9
334222	Rock			0.003	44.3	14	1.01	64	0.279	4.87	4.267	0.08	1.0	117.2	1.1	2	0.6	<0.04	376.9	172.7	25.4	140.6	39.0
334223	Rock			0.005	307.3	12	4.66	113	0.403	4.56	2.188	0.28	0.9	60.9	1.3	19	14.3	<0.04	1119	1322	192.8	1161	214.4
334224	Rock			0.018	145.0	5	5.87	151	0.192	5.73	0.020	0.62	3.1	24.5	1.1	3	2.0	<0.04	498.6	478.2	62.2	319.8	83.8
334225	Rock			0.008	277.8	6	5.36	73	0.181	5.03	0.589	0.25	1.7	63.5	1.0	1	4.1	<0.04	712.8	864.0	102.3	495.2	106.4
334226	Rock			<0.001	40.7	13	0.63	4413	0.292	3.72	0.107	3.04	<0.1	569.4	5.3	62	0.2	<0.04	747.3	215.5	44.6	313.0	102.2
334227	Rock			<0.001	527.9	3	1.51	114	0.151	1.65	0.154	0.46	0.9	128.1	8.9	33	0.3	<0.04	>2000	>2000	377.8	>2000	582.4
334228	Rock			0.040	>2000	14	1.15	219	0.230	2.77	0.217	0.78	0.7	478.6	24.6	144	<0.1	<0.04	1677	>2000	766.5	>2000	372.8
334229	Rock			0.006	>2000	1	0.22	40	0.106	1.06	0.018	<0.02	<0.1	175.6	7.2	439	<0.1	<0.04	>2000	>2000	1308	>2000	380.6



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Project: True Blue  
 Report Date: November 01, 2010

Page: 3 of 3 Part 3

# CERTIFICATE OF ANALYSIS

WHI10000271.2

Method	Analyte	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B	
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co	Cs
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2	0.1
334209	Rock	13.8	160.5	23.3	144.5	26.1	66.8	8.6	58.5	6.7	4.37	18.8	89.9	5.6	348.4	1.8	35.49	N.A.	N.A.	N.A.	N.A.
334210	Rock	1.3	21.4	2.4	12.2	1.8	4.4	0.5	3.5	0.5	0.87	9.9	84.3	0.6	59.63	1.1	12.86	268	6	3.2	1.1
334211	Rock	8.8	72.2	9.1	52.0	8.6	21.8	2.8	20.5	2.4	0.77	13.0	52.8	3.9	334.4	2.0	16.70	395	21	13.6	2.0
334212	Rock	2.0	20.8	3.0	18.9	3.4	9.4	1.2	8.9	1.1	0.81	3.6	8.7	19.5	345.5	0.1	53.57	107	5	1.1	0.2
334213	Rock	7.2	169.5	28.1	191.0	36.6	100.4	11.7	73.4	8.1	1.96	10.4	7.5	84.9	1406	0.4	54.18	200	33	0.9	0.4
334214	Rock	0.2	4.6	0.7	4.7	1.0	2.6	0.3	2.2	0.3	0.44	27.7	14.8	9.0	128.3	0.9	34.76	149	3	1.5	1.2
334215	Rock	1.6	49.3	8.7	66.1	13.7	39.6	4.6	28.5	3.4	3.05	12.4	41.9	46.0	671.7	3.5	42.98	423	4	0.7	3.7
334216	Rock	1.3	47.9	8.2	54.4	10.6	28.3	3.4	21.6	2.6	1.13	138.8	175.7	83.5	1052	4.5	45.97	174	7	1.3	4.3
334217	Rock	2.5	93.8	15.9	111.6	21.1	58.7	6.9	42.9	5.0	0.20	211.6	271.1	19.6	667.5	5.4	33.72	319	2	1.6	5.3
334218	Rock	2.6	72.6	12.7	84.1	15.4	41.9	5.0	31.6	3.7	4.00	91.5	98.0	109.6	1405	2.3	31.06	154	3	0.5	2.1
334219	Rock	3.8	110.4	16.9	106.9	19.7	49.4	5.7	37.1	4.2	1.59	18.7	61.6	53.7	1516	0.8	32.60	278	5	0.6	0.8
334220	Rock	2.6	63.4	10.5	67.8	11.8	31.1	3.7	22.2	2.3	0.56	38.2	123.2	18.9	1207	1.1	44.28	580	8	1.6	1.2
334221	Rock	0.7	20.5	3.3	21.0	4.2	11.7	1.4	9.1	1.1	0.61	10.9	12.0	44.5	520.8	0.4	33.21	58	2	1.0	0.5
334222	Rock	1.7	44.6	7.7	53.1	10.7	30.4	3.7	22.5	2.6	1.70	5.4	3.7	35.6	420.2	0.6	40.95	71	2	0.7	0.7
334223	Rock	7.0	191.5	29.7	183.8	33.8	86.4	10.1	61.3	7.3	0.71	28.4	25.5	60.1	1390	0.8	45.87	121	16	0.7	0.7
334224	Rock	2.7	90.4	15.0	104.2	20.0	55.5	6.8	42.7	4.7	0.38	32.7	32.8	39.6	1010	0.4	47.93	159	2	1.6	0.4
334225	Rock	3.2	108.2	18.0	123.4	24.2	65.4	7.7	48.2	5.5	0.85	37.6	21.4	27.9	838.2	0.9	49.32	75	1	0.9	1.0
334226	Rock	0.9	125.4	18.5	134.6	23.8	63.5	8.0	54.9	6.1	13.27	1.2	63.8	4.7	86.71	0.3	29.56	3565	58	2.7	0.3
334227	Rock	34.1	599.1	84.8	668.2	123.9	306.9	34.4	220.9	20.5	1.15	26.0	6.1	2.8	98.41	0.2	10.02	N.A.	N.A.	N.A.	N.A.
334228	Rock	31.5	248.9	37.6	266.2	44.9	111.6	14.0	91.2	8.6	9.21	37.4	6.0	3.0	159.8	0.1	28.83	N.A.	N.A.	N.A.	N.A.
334229	Rock	27.6	201.7	33.8	266.2	50.4	147.4	20.5	150.2	16.1	2.68	2.7	1.5	0.8	138.8	0.2	17.68	N.A.	N.A.	N.A.	N.A.



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Project: True Blue  
 Report Date: November 01, 2010

Page: 3 of 3 Part 4

# CERTIFICATE OF ANALYSIS

WHI10000271.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		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	0.05	0.02	0.05	
334209	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
334210	Rock	11.1	5.4	94.0	80.2	2	27.3	1.3	412.4	6.7	358	2.1	205.7	122.4	128.2	283.1	33.77	148.1	24.78	1.43	21.48
334211	Rock	11.8	4.3	493.2	52.4	4	64.4	5.4	7412	40.8	322	10.2	308.2	387.2	673.4	1506	154.5	637.6	88.66	8.30	68.41
334212	Rock	48.7	59.7	405.9	13.0	1	97.7	21.6	96.5	12.8	14	1.3	2796	138.4	348.3	646.8	65.37	245.0	31.68	2.26	23.29
334213	Rock	50.4	138.6	3843	6.5	3	71.2	139.2	1443	124.7	29	7.9	9069	948.4	261.1	723.2	106.7	577.9	144.3	7.02	157.9
334214	Rock	38.4	40.0	167.5	47.4	<1	61.1	12.2	45.8	8.7	14	0.6	1796	54.5	32.8	85.5	10.53	47.3	8.96	0.33	8.43
334215	Rock	41.1	139.2	695.7	38.0	<1	44.7	51.2	7136	79.0	22	4.1	8614	526.5	126.3	332.3	41.85	192.1	40.46	1.79	50.33
334216	Rock	40.8	61.4	1058	147.6	2	18.5	74.6	234.9	34.4	105	5.2	3405	346.8	95.0	307.6	42.68	210.1	44.80	1.46	47.09
334217	Rock	30.4	29.1	1717	235.6	2	15.1	92.4	793.3	83.3	77	6.3	1561	606.5	68.5	248.8	40.10	230.3	69.53	2.68	91.93
334218	Rock	28.2	117.4	1363	102.0	1	64.1	109.4	1033	76.1	28	5.2	7175	494.3	105.4	269.3	37.02	196.5	61.02	2.86	75.26
334219	Rock	29.3	90.0	2343	57.0	1	62.3	117.0	1044	93.7	39	8.9	5276	570.9	313.7	861.8	117.3	584.8	114.5	3.97	109.0
334220	Rock	43.1	26.2	1264	122.2	2	43.9	25.3	308.8	55.2	10	7.0	1125	414.0	268.7	573.7	71.07	344.5	72.88	3.10	74.54
334221	Rock	31.6	66.8	579.7	12.4	2	33.6	51.8	267.1	21.9	21	3.9	3774	153.4	53.1	164.1	21.36	100.1	22.09	0.84	23.01
334222	Rock	39.3	71.6	1335	3.4	2	39.9	172.9	5336	85.6	38	7.6	4402	433.6	50.1	174.1	27.40	150.9	40.93	1.98	46.20
334223	Rock	38.7	22.0	5036	23.0	1	136.3	117.7	2488	136.9	83	15.6	1142	981.3	280.1	1159	177.3	976.0	213.2	7.34	195.7
334224	Rock	42.1	81.5	2574	28.4	1	9.7	103.2	335.7	98.5	48	12.8	4988	509.1	132.6	421.1	60.99	317.6	79.16	2.95	87.66
334225	Rock	45.8	79.1	3127	20.7	2	6.6	116.4	831.7	110.6	35	10.8	4800	673.4	243.2	669.9	89.58	447.1	101.4	3.36	107.7
334226	Rock	28.3	272.0	2207	75.0	5	30.5	112.6	353.8	102.0	9	7.3	11257	746.1	41.2	222.7	44.77	313.1	97.38	2.04	116.3
334227	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334228	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334229	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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**Project:** True Blue  
**Report Date:** November 01, 2010

**Page:** 3 of 3 Part 5

## CERTIFICATE OF ANALYSIS

WHI10000271.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B
		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
334209	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334210	Rock	3.34	16.61	2.90	7.38	1.11	6.21	0.81
334211	Rock	11.24	58.11	10.67	30.58	4.86	30.34	4.26
334212	Rock	4.18	22.99	4.56	13.48	2.17	13.26	1.94
334213	Rock	30.70	171.0	33.68	95.34	14.17	79.35	9.46
334214	Rock	1.52	8.34	1.69	5.20	0.85	5.53	0.84
334215	Rock	10.49	64.36	14.27	44.18	6.94	42.17	5.94
334216	Rock	9.00	50.05	9.67	27.22	4.11	24.23	3.22
334217	Rock	18.25	102.0	19.95	54.89	7.90	44.03	5.37
334218	Rock	15.00	83.78	16.30	46.35	7.10	42.24	5.57
334219	Rock	19.09	98.44	18.40	49.96	7.21	40.94	5.28
334220	Rock	14.59	80.22	14.86	40.41	5.77	31.63	3.82
334221	Rock	4.36	25.03	4.99	14.83	2.39	14.51	1.99
334222	Rock	9.13	53.29	11.11	32.83	5.00	29.05	3.93
334223	Rock	34.04	173.8	31.87	83.83	11.45	61.09	7.48
334224	Rock	17.26	96.58	18.88	54.30	8.21	46.88	5.82
334225	Rock	21.07	116.7	22.75	63.83	9.33	52.21	6.42
334226	Rock	21.51	121.2	24.46	72.68	11.30	67.15	9.04
334227	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334228	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334229	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.





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**Project:** True Blue  
**Report Date:** November 01, 2010

**Page:** 1 of 1 **Part** 1

## QUALITY CONTROL REPORT

WHI10000271.2

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
Pulp Duplicates																					
334162	Rock	0.88	3.00	2.82	4.18	38.7	<20	0.6	1.1	263	4.00	0.5	3.8	<0.1	21.7	168	0.39	0.45	<0.04	1	1.21
REP 334162	QC																				
334166	Rock	0.46	1.86	35.64	13.36	158.6	<20	122.9	29.6	941	4.96	1.4	5.3	<0.1	21.0	480	0.67	0.94	0.05	167	4.26
REP 334166	QC		1.86	33.36	14.16	159.0	<20	118.7	29.6	917	4.90	1.6	5.3	<0.1	20.3	455	0.64	0.95	0.04	165	4.20
334229	Rock	0.63	0.29	5.58	28.20	36.0	<20	1.9	3.7	366	2.22	2.5	621.8	<0.1	1399	35	0.14	1.67	0.84	<1	3.78
REP 334229	QC		0.43	5.46	28.55	37.3	<20	2.1	3.4	370	2.30	3.2	645.3	<0.1	1434	36	0.18	1.75	0.92	<1	3.81
Reference Materials																					
STD OREAS24P	Standard		1.49	53.07	2.68	123.7	<20	151.5	50.6	1124	7.72	1.5	0.6	<0.1	2.3	388	0.13	0.17	<0.04	170	6.31
STD OREAS24P	Standard		1.42	44.55	2.43	108.3	58	141.1	41.8	1075	7.39	1.2	0.6	<0.1	2.5	395	0.13	0.07	<0.04	162	5.49
STD OREAS24P	Standard		1.46	53.20	2.71	114.4	<20	149.8	47.0	1105	7.54	0.9	0.8	<0.1	3.0	387	0.12	0.07	<0.04	165	5.94
STD OREAS45P	Standard		2.20	747.1	21.24	149.2	315	408.3	126.1	1315	18.89	12.5	2.0	<0.1	9.5	35	0.18	0.83	0.20	289	0.28
STD OREAS45P	Standard		2.13	776.6	21.13	140.0	443	409.3	117.4	1314	20.43	10.7	1.9	<0.1	9.0	28	0.23	0.77	0.23	286	0.30
STD OREAS45P	Standard		2.29	759.5	21.52	145.5	333	405.1	124.1	1359	18.07	12.3	2.1	<0.1	9.6	33	0.10	0.85	0.23	285	0.30
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected			1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45P Expected			2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3
STD SO-18 Expected																					
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.21	4.38	18.61	50.5	47	3.6	5.0	748	2.30	1.9	2.5	<0.1	6.7	652	0.08	0.94	0.85	51	2.48
G1	Prep Blank		0.17	3.28	18.28	51.7	<20	3.5	4.9	746	2.32	1.6	2.8	<0.1	8.4	660	0.05	0.54	0.12	52	2.46



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Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI10000271.2

Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	
Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	
Pulp Duplicates																					
334162	Rock	0.014	57.1	1	0.89	1547	0.187	8.69	4.472	3.98	6.4	20.4	7.0	8	0.5	<0.04	49.8	133.5	15.1	55.4	9.3
REP 334162	QC																				
334166	Rock	0.200	37.5	322	4.38	1493	0.552	7.86	2.212	2.21	1.7	177.9	1.8	3	21.0	0.10	21.7	77.58	9.6	39.7	6.3
REP 334166	QC	0.198	38.0	313	4.31	1499	0.558	7.76	2.196	2.21	1.6	174.7	1.9	3	22.6	0.09	21.0	77.90	9.6	39.5	6.6
334229	Rock	0.006	>2000	1	0.22	40	0.106	1.06	0.018	<0.02	<0.1	175.6	7.2	439	<0.1	<0.04	>2000	>2000	1308	>2000	380.6
REP 334229	QC	0.007	>2000	1	0.23	43	0.106	1.09	0.019	<0.02	0.2	178.8	7.8	457	<0.1	<0.04	>2000	>2000	1323	>2000	393.2
Reference Materials																					
STD OREAS24P	Standard	0.149	17.3	196	4.20	284	1.091	7.86	2.423	0.72	0.5	140.0	1.6	1	20.4	<0.04	20.9	35.74	4.5	20.8	4.5
STD OREAS24P	Standard	0.128	15.5	188	4.00	250	1.036	8.13	2.433	0.68	0.5	137.9	1.5	1	18.9	0.05	20.0	33.76	4.2	20.0	4.6
STD OREAS24P	Standard	0.133	17.6	200	3.97	290	1.075	8.15	2.378	0.68	0.5	141.5	1.6	1	20.0	<0.04	22.2	35.82	4.4	21.6	4.8
STD OREAS45P	Standard	0.046	25.2	1078	0.24	296	1.050	6.84	0.089	0.36	1.1	163.6	2.5	1	68.9	<0.04	14.1	49.87	5.7	22.7	4.4
STD OREAS45P	Standard	0.043	22.7	1106	0.21	266	1.110	7.38	0.083	0.37	1.2	159.0	2.4	<1	68.0	<0.04	10.5	47.60	5.2	22.4	4.3
STD OREAS45P	Standard	0.042	25.9	1126	0.22	305	1.066	7.10	0.081	0.35	1.2	158.2	2.4	<1	67.3	<0.04	14.0	51.53	5.8	23.5	4.3
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7
STD OREAS45P Expected		0.047	24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5		67.1	0.03	13	48.9	6	23.2	4.24
STD SO-18 Expected																					
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.16	<0.1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.15	<0.1	<0.1	<0.1
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.083	18.2	6	0.62	907	0.254	6.84	2.804	2.95	0.3	11.0	1.7	3	4.8	<0.04	12.4	40.89	4.7	18.1	3.0
G1	Prep Blank	0.082	16.8	6	0.59	923	0.258	6.84	2.822	3.07	0.2	9.8	1.6	3	4.5	<0.04	11.6	37.93	4.3	16.9	2.8



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Project: True Blue  
Report Date: November 01, 2010

Page: 1 of 1 Part 3

# QUALITY CONTROL REPORT

WHI10000271.2

Method	Analyte	Unit	MDL	1T Eu	1T Gd	1T Tb	1T Dy	1T Ho	1T Er	1T Tm	1T Yb	1T Lu	1T Hf	1T Li	1T Rb	1T Ta	1T Nb	1T Cs	1T Ga	4B Ba	4B Be	4B Co	4B Cs
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Pulp Duplicates																							
334162	Rock			0.5	9.4	1.6	10.7	2.1	6.2	0.8	5.7	0.7	0.45	35.0	134.9	13.6	206.6	3.9	39.51	1820	6	1.2	4.3
REP 334162	QC																		1672	9	1.1	4.1	
334166	Rock			1.1	5.7	0.7	4.1	0.8	2.0	0.3	2.3	0.3	4.73	38.3	112.7	1.2	23.14	3.9	16.87	1791	2	30.7	4.5
REP 334166	QC			1.2	5.2	0.6	4.2	0.8	2.0	0.3	2.1	0.3	4.79	37.1	112.1	1.1	22.62	3.9	16.62				
334229	Rock			27.6	201.7	33.8	266.2	50.4	147.4	20.5	150.2	16.1	2.68	2.7	1.5	0.8	138.8	0.2	17.68	N.A.	N.A.	N.A.	N.A.
REP 334229	QC			27.5	188.3	35.6	267.4	52.0	147.4	21.3	152.4	16.4	2.70	2.5	1.3	2.4	187.3	0.2	17.96				
Reference Materials																							
STD OREAS24P	Standard			1.5	5.1	0.7	4.4	0.8	2.1	0.3	1.7	0.2	3.43	8.5	15.5	1.2	19.45	0.8	20.29				
STD OREAS24P	Standard			1.4	4.7	0.6	4.1	0.7	2.0	0.2	1.6	0.2	3.41	7.6	22.7	1.1	19.13	0.7	20.26				
STD OREAS24P	Standard			1.4	4.7	0.7	4.6	0.8	2.1	0.2	1.9	0.2	3.64	8.1	23.6	1.2	22.98	0.8	19.54				
STD OREAS45P	Standard			1.0	4.2	0.6	3.5	0.6	1.7	0.2	1.7	0.2	4.02	15.3	24.2	1.4	22.22	2.2	24.22				
STD OREAS45P	Standard			0.9	3.3	0.5	3.0	0.5	1.4	0.2	1.5	0.2	4.18	15.0	23.2	1.4	19.62	2.1	23.97				
STD OREAS45P	Standard			1.0	3.8	0.5	3.6	0.5	1.7	0.2	1.7	0.2	3.97	15.7	25.1	1.3	22.62	2.2	23.10				
STD SO-18	Standard																		488	1	25.1	6.8	
STD SO-18	Standard																		479	<1	26.4	6.7	
STD SO-18	Standard																		552	<1	27.6	7.2	
STD SO-18	Standard																		571	<1	28.6	7.5	
STD OREAS24P Expected				1.6	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43				
STD OREAS45P Expected				1.1	3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5				
STD SO-18 Expected																			514	1	26.2	7.1	
BLK	Blank			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02				
BLK	Blank			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02				
BLK	Blank																			<1	<1	<0.2	<0.1
BLK	Blank																			<1	<1	<0.2	<0.1
Prep Wash																							
G1	Prep Blank			0.7	3.1	0.4	2.5	0.5	1.5	0.2	1.7	0.2	0.60	38.7	87.8	1.6	26.04	4.4	17.94	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank			0.6	2.8	0.4	2.5	0.5	1.3	0.2	1.5	0.2	0.59	38.2	83.1	1.7	26.79	4.1	19.24	N.A.	N.A.	N.A.	N.A.



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226 Cardinal Crescent  
Saskatoon SK S7L 6H8 Canada

Project: True Blue  
Report Date: November 01, 2010

Page: 1 of 1 Part 4

QUALITY CONTROL REPORT

WHI10000271.2

Method		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
Analyte		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		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	0.02	0.05	
Pulp Duplicates																						
334162	Rock	39.0	31.4	269.5	182.6	8	198.2	16.2	35.0	7.2	<8	7.3	1397	76.3	93.8	207.4	21.22	73.9	13.47	1.06	12.13	
REP 334162	QC	37.6	32.6	250.2	174.3	7	182.8	15.5	31.7	6.6	<8	6.3	1371	70.7	87.9	189.5	20.03	73.0	12.13	0.98	11.55	
334166	Rock	17.4	5.2	25.4	131.1	3	504.6	1.4	24.8	6.2	176	1.9	193.5	23.1	41.8	90.0	10.60	42.3	7.19	1.53	5.27	
REP 334166	QC																					
334229	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 334229	QC																					
Reference Materials																						
STD OREAS24P	Standard																					
STD OREAS24P	Standard																					
STD OREAS24P	Standard																					
STD OREAS45P	Standard																					
STD OREAS45P	Standard																					
STD OREAS45P	Standard																					
STD SO-18	Standard	16.9	9.6	26.7	27.1	14	396.5	7.2	10.1	15.6	184	14.6	294.1	31.5	11.7	25.6	3.25	14.1	2.78	0.82	2.75	
STD SO-18	Standard	16.7	9.5	22.5	26.6	13	384.4	7.5	9.6	15.4	179	14.4	283.9	30.9	11.0	24.6	3.18	14.2	2.75	0.80	2.80	
STD SO-18	Standard	18.3	10.1	23.8	29.0	15	416.0	7.4	10.6	17.0	213	15.1	309.2	32.2	12.7	28.1	3.45	14.7	2.98	0.87	3.03	
STD SO-18	Standard	19.0	10.1	24.8	29.7	17	422.6	7.9	11.5	17.5	222	16.1	314.8	32.9	13.0	29.2	3.53	15.3	3.06	0.91	3.24	
STD OREAS24P Expected																						
STD OREAS45P Expected																						
STD SO-18 Expected		17.6	9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93	
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<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	<0.02	<0.05	
BLK	Blank	<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	<0.02	<0.05	
Prep Wash																						
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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**Client:** Great Western Minerals Group Ltd.  
 226 Cardinal Crescent  
 Saskatoon SK S7L 6H8 Canada

**Project:** True Blue  
**Report Date:** November 01, 2010

**Page:** 1 of 1 **Part** 5

# QUALITY CONTROL REPORT

WHI10000271.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B
		Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01
Pulp Duplicates								
334162	Rock	2.27	13.74	2.86	8.68	1.33	9.33	1.37
REP 334162	QC	2.06	12.30	2.61	7.89	1.23	8.71	1.28
334166	Rock	0.80	4.35	0.81	2.44	0.33	2.18	0.33
REP 334166	QC							
334229	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 334229	QC							
Reference Materials								
STD OREAS24P	Standard							
STD OREAS24P	Standard							
STD OREAS24P	Standard							
STD OREAS45P	Standard							
STD OREAS45P	Standard							
STD OREAS45P	Standard							
STD SO-18	Standard	0.51	2.76	0.58	1.74	0.27	1.67	0.25
STD SO-18	Standard	0.49	2.74	0.57	1.68	0.26	1.68	0.25
STD SO-18	Standard	0.50	2.98	0.62	1.84	0.28	1.85	0.27
STD SO-18	Standard	0.52	3.12	0.65	1.92	0.29	1.92	0.30
STD OREAS24P Expected								
STD OREAS45P Expected								
STD SO-18 Expected		0.53	3	0.62	1.84	0.27	1.79	0.27
BLK	Blank							
BLK	Blank							
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
Prep Wash								
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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226 Cardinal Crescent  
Saskatoon SK S7L 6H8 Canada

Submitted By: Stew Fumerton  
Receiving Lab: Canada-Vancouver  
Received: September 29, 2010  
Report Date: October 18, 2010  
Page: 1 of 5

## CERTIFICATE OF ANALYSIS

VAN10005027.1

### CLIENT JOB INFORMATION

Project: None Given  
Shipment ID:  
P.O. Number  
Number of Samples: 115

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	115	Sorting of samples on arrival and labeling			VAN
4B03	115	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed	VAN

### SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

### ADDITIONAL COMMENTS

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: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC:



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 Saskatoon SK S7L 6H8 Canada

Project: None Given  
 Report Date: October 18, 2010

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

VAN10005027.1

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		1	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	
025701	Rock Pulp	182	17	1.7	3.3	54.6	142.1	2073	36.6	46	104.2	131.9	96.1	84.1	<8	10.6	7006	190.2	196.2	401.7	40.45
025751	Rock Pulp	71	11	0.7	0.4	32.2	60.8	532.0	17.2	36	43.6	37.7	117.8	26.1	<8	5.2	2413	207.9	186.9	374.7	37.72
025752	Rock Pulp	118	20	1.4	0.5	36.0	47.7	466.9	24.4	32	44.6	32.0	114.8	17.7	<8	2.9	1401	190.7	198.2	399.9	43.03
025753	Rock Pulp	378	15	1.4	1.2	35.0	39.1	278.0	48.0	7	70.8	22.7	175.0	13.4	<8	3.2	1690	328.9	448.6	966.1	106.4
025754	Rock Pulp	598	21	2.0	0.5	33.6	76.7	892.6	61.2	24	31.6	60.3	144.7	61.3	<8	2.7	3208	208.8	318.0	593.3	57.05
025755	Rock Pulp	914	24	2.2	1.3	31.1	378.2	805.1	99.4	16	125.7	68.1	524.9	116.3	<8	9.0	19529	529.1	735.4	1476	148.6
025756	Rock Pulp	231	12	1.3	0.7	30.3	61.0	672.1	65.8	24	35.1	44.6	127.2	40.2	<8	3.0	2362	182.8	255.6	501.0	51.14
025757	Rock Pulp	188	12	1.6	0.6	27.8	70.0	725.1	44.7	37	36.6	49.5	169.5	37.4	<8	4.2	2420	186.2	265.2	521.6	53.56
025758	Rock Pulp	2475	3	0.2	0.5	25.8	40.9	230.7	192.4	20	181.0	26.3	94.8	12.7	<8	1.1	1105	109.5	23.9	58.3	8.00
025759	Rock Pulp	58	6	2.6	0.4	18.1	88.3	838.3	30.6	15	65.1	80.4	175.5	65.4	<8	21.9	2916	270.5	100.7	189.1	20.43
025760	Rock Pulp	87	19	1.7	0.9	31.8	91.7	856.6	62.9	11	94.4	67.6	231.1	63.3	<8	4.2	2667	212.3	153.2	311.1	32.79
025762	Rock Pulp	155	8	0.6	0.6	31.0	86.0	537.7	25.0	10	121.3	51.2	208.5	76.9	<8	10.2	2164	141.1	226.4	421.3	41.48
025763	Rock Pulp	3213	11	1.6	2.5	32.6	70.2	477.0	237.7	11	130.3	49.4	190.0	64.2	<8	1.9	2139	176.0	307.0	656.1	66.73
025764	Rock Pulp	1534	11	4.5	9.9	32.4	6.0	82.3	412.4	5	196.7	4.7	473.0	18.7	58	4.3	277.7	201.2	316.3	593.1	58.42
025765	Rock Pulp	1491	5	6.6	8.0	29.3	6.5	98.9	385.7	5	48.0	4.8	8.3	2.4	223	1.5	271.8	40.1	65.9	131.5	14.70
025766	Rock Pulp	372	15	1.5	1.3	63.4	248.6	2187	107.9	29	46.1	132.8	627.3	120.5	<8	9.0	11452	576.2	1216	2340	236.2
025767	Rock Pulp	230	7	0.6	<0.1	34.6	27.6	375.5	8.7	9	65.8	18.6	39.1	7.1	24	1.8	1169	115.7	60.3	198.8	28.18
025768	Rock Pulp	1340	9	0.9	0.3	32.0	20.9	303.0	55.9	6	146.0	16.3	44.8	4.2	27	2.0	918.8	90.8	36.5	128.2	19.07
025769	Rock Pulp	945	7	0.8	0.5	41.7	25.7	323.6	44.0	7	109.0	18.4	49.4	10.5	19	1.7	1043	103.9	105.4	208.0	24.18
025770	Rock Pulp	437	7	1.0	0.5	37.6	30.1	352.8	20.9	6	256.8	16.6	42.4	7.2	23	1.4	1317	86.5	25.6	93.8	14.83
025771	Rock Pulp	1412	5	1.8	0.7	47.8	22.3	347.8	74.6	7	120.6	16.6	53.6	11.3	10	3.1	980.5	101.5	81.7	179.8	21.96
025772	Rock Pulp	581	7	1.8	1.1	39.1	23.3	320.0	57.4	8	147.1	17.4	34.4	11.4	26	7.9	1026	97.1	43.7	102.2	14.00
025773	Rock Pulp	487	5	1.2	0.8	38.0	23.8	282.2	52.2	11	58.3	14.8	36.7	7.4	<8	5.4	1043	92.5	221.9	404.9	40.05
025774	Rock Pulp	128	2	<0.2	0.2	13.2	4.1	15.4	27.3	1	41.5	0.7	9.3	1.4	325	8.1	151.9	13.1	3.6	7.2	0.98
025775	Rock Pulp	90	<1	3.5	0.2	12.0	4.7	15.8	17.7	1	69.4	0.9	11.4	1.6	198	22.8	170.5	9.3	3.4	7.8	0.93
025776	Rock Pulp	90	3	0.8	1.5	43.4	67.1	656.2	30.9	3	38.3	44.6	85.0	20.7	<8	7.4	3230	225.2	200.7	448.8	54.46
025777	Rock Pulp	145	3	3.2	0.4	33.0	6.4	85.1	23.0	9	50.5	5.0	8.9	1.3	<8	2.8	278.4	15.0	72.9	130.0	13.00
025778	Rock Pulp	165	2	0.5	0.5	13.4	4.2	14.4	31.3	<1	31.5	0.8	11.0	2.1	256	5.8	155.5	11.1	2.9	6.1	0.86
025779	Rock Pulp	278	3	0.4	0.6	15.3	3.7	14.2	56.1	2	22.1	0.7	9.6	1.6	340	7.2	135.9	17.8	8.2	16.9	2.06
025780	Rock Pulp	210	6	5.5	2.1	42.0	22.7	281.4	123.2	3	44.4	14.5	46.0	9.4	<8	6.2	1051	85.1	201.5	394.7	40.10

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**Project:** None Given  
**Report Date:** October 18, 2010

**Page:** 2 of 5 Part 2

## CERTIFICATE OF ANALYSIS

VAN10005027.1

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01
025701	Rock Pulp	138.6	23.19	1.30	21.18	4.24	27.20	6.44	21.29	3.51	24.66	3.56
025751	Rock Pulp	129.4	24.51	0.92	23.68	5.07	32.97	7.25	22.74	3.62	22.94	3.09
025752	Rock Pulp	156.7	28.77	2.30	26.92	5.11	31.78	6.60	19.42	2.98	19.23	2.57
025753	Rock Pulp	408.8	66.44	4.88	60.74	10.48	61.40	12.05	32.47	4.15	22.51	2.59
025754	Rock Pulp	189.3	28.75	0.95	24.48	4.85	32.27	7.55	24.53	4.00	27.15	3.92
025755	Rock Pulp	547.1	79.63	4.28	72.30	12.72	86.02	20.07	70.12	10.65	67.34	8.47
025756	Rock Pulp	174.2	28.55	0.94	24.77	4.77	28.32	6.27	19.49	3.08	21.46	2.93
025757	Rock Pulp	183.5	29.79	0.91	24.65	4.71	29.33	6.26	19.94	3.21	21.89	3.02
025758	Rock Pulp	34.2	12.10	1.94	15.89	3.11	19.08	3.87	11.30	1.74	11.64	1.72
025759	Rock Pulp	76.7	16.11	1.41	19.35	4.44	35.11	9.45	33.74	5.55	38.78	5.56
025760	Rock Pulp	112.2	22.30	1.45	24.16	5.13	33.66	7.43	23.31	3.58	23.83	3.18
025762	Rock Pulp	136.5	20.55	1.87	17.84	3.62	23.50	5.34	17.55	2.79	18.98	2.72
025763	Rock Pulp	231.6	33.93	2.20	27.21	4.89	28.56	5.99	18.64	2.73	16.82	2.23
025764	Rock Pulp	216.1	31.74	3.06	30.17	4.88	28.03	5.94	17.42	2.36	14.40	2.07
025765	Rock Pulp	56.4	9.62	1.23	7.85	1.21	6.18	1.21	3.59	0.54	3.49	0.52
025766	Rock Pulp	831.9	128.3	4.52	99.85	17.59	104.0	20.47	62.68	9.54	65.03	9.36
025767	Rock Pulp	114.5	22.02	2.05	19.25	3.40	19.51	3.91	11.95	1.74	11.46	1.59
025768	Rock Pulp	82.0	16.33	1.72	15.38	2.66	15.87	3.10	9.00	1.35	8.65	1.20
025769	Rock Pulp	98.7	19.12	2.36	17.77	3.15	17.86	3.70	11.20	1.63	10.63	1.48
025770	Rock Pulp	66.5	14.48	1.18	14.03	2.54	15.77	3.10	9.53	1.44	9.55	1.28
025771	Rock Pulp	91.8	19.11	2.16	16.88	2.94	17.00	3.34	9.72	1.41	9.56	1.30
025772	Rock Pulp	60.8	14.68	1.91	14.71	2.69	16.55	3.33	10.56	1.55	10.02	1.43
025773	Rock Pulp	135.6	20.40	3.28	13.82	2.56	14.99	2.95	9.21	1.43	9.56	1.36
025774	Rock Pulp	4.6	0.96	0.11	1.30	0.23	1.48	0.32	1.07	0.16	1.20	0.19
025775	Rock Pulp	3.6	0.99	0.16	1.20	0.19	1.24	0.23	0.75	0.12	0.84	0.16
025776	Rock Pulp	229.2	41.54	4.76	36.05	6.52	39.26	7.78	24.47	3.53	23.25	3.13
025777	Rock Pulp	43.1	6.36	1.20	3.49	0.48	2.23	0.42	1.55	0.25	1.89	0.32
025778	Rock Pulp	3.3	0.89	0.15	1.27	0.24	1.48	0.33	1.09	0.17	1.20	0.21
025779	Rock Pulp	8.5	1.72	0.19	1.90	0.34	2.18	0.49	1.53	0.24	1.67	0.23
025780	Rock Pulp	141.7	21.08	3.38	15.72	2.75	15.63	3.00	8.89	1.34	9.35	1.35





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Project: None Given  
 Report Date: October 18, 2010

Page: 3 of 5 Part 1

CERTIFICATE OF ANALYSIS

VAN10005027.1

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		1	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	
025781	Rock Pulp	715	9	1.6	1.0	38.3	45.7	296.6	94.7	22	60.0	22.7	31.2	8.1	<8	9.8	2094	114.9	287.9	553.5	55.34
025782	Rock Pulp	596	12	2.6	2.3	57.0	43.5	781.7	129.7	8	47.9	38.1	84.8	20.9	<8	15.3	1918	124.5	258.2	497.8	50.63
025783	Rock Pulp	526	6	2.9	0.6	38.1	24.9	264.8	49.4	37	54.2	15.3	38.8	8.5	<8	5.5	1099	87.1	119.2	230.8	24.50
025784	Rock Pulp	461	8	1.8	1.2	36.5	30.3	315.5	53.3	13	39.4	18.3	44.8	9.0	<8	7.8	1311	95.9	152.4	289.1	29.27
025801	Rock Pulp	1599	3	10.8	3.1	22.9	6.4	81.9	83.7	4	605.5	4.2	6.5	1.9	141	1.7	253.9	54.1	97.0	190.8	20.97
025802	Rock Pulp	105	4	2.7	0.6	33.8	35.6	433.6	24.6	26	50.0	27.2	158.6	15.8	<8	7.3	1489	174.1	697.6	1092	110.4
025803	Rock Pulp	1910	9	2.3	3.2	28.5	17.0	237.5	77.7	5	205.8	11.3	28.8	5.9	22	2.0	735.0	109.5	71.6	164.7	22.55
025804	Rock Pulp	296	6	1.9	0.8	29.1	15.4	143.5	30.1	9	130.1	7.3	18.8	3.8	18	15.1	757.1	36.2	60.1	119.4	12.76
025805	Rock Pulp	244	3	0.6	0.4	8.8	7.3	65.8	22.5	2	40.3	3.9	47.1	2.8	13	1.9	312.5	29.0	608.6	1031	96.82
025806	Rock Pulp	774	20	4.3	2.0	92.6	181.7	2114	182.0	52	29.2	112.8	654.9	82.4	9	15.5	8261	407.1	1523	2804	310.0
025807	Rock Pulp	676	24	0.6	2.4	103.4	299.1	2532	208.4	48	52.8	186.3	428.8	85.4	9	17.8	12857	673.7	2677	5075	546.2
025809	Rock Pulp	871	9	1.2	0.6	32.0	26.7	233.1	31.0	4	749.4	12.8	38.3	3.8	<8	0.8	1160	32.0	19.7	40.9	5.89
025810	Rock Pulp	622	12	0.3	<0.1	34.3	29.6	270.0	15.4	7	923.2	16.3	82.6	4.1	<8	<0.5	1366	50.8	74.0	138.0	14.11
025811	Rock Pulp	251	7	3.2	0.5	42.7	11.3	497.1	9.2	21	276.4	9.1	18.7	12.8	9	2.2	486.2	569.8	4010	4483	367.0
25825	Rock Pulp	473	75	2.7	0.2	20.3	279.3	1860	16.2	48	52.5	72.4	1612	234.1	55	3.0	12929	314.4	618.7	1144	117.6
25826	Rock Pulp	2565	4	11.4	1.0	11.6	4.2	53.8	50.7	28	64.2	2.5	5.4	0.6	92	1.2	169.5	30.5	43.2	82.1	9.46
25827	Rock Pulp	825	7	5.7	0.9	6.2	585.9	16554	20.7	39	64.1	1692	>10000	2623	51	75.2	34860	2158	316.1	1108	166.1
25828	Rock Pulp	456	4	5.3	1.3	7.9	6.6	28.2	75.0	32	55.0	2.0	9.8	8.2	71	0.9	230.0	60.9	327.4	493.1	43.72
25829	Rock Pulp	404	2	1.3	0.2	3.4	13.4	47.3	22.8	13	192.5	5.0	19.6	4.4	26	1.0	489.7	33.0	36.9	63.2	7.30
25830	Rock Pulp	3139	2	3.4	0.6	16.1	5.7	49.3	105.5	<1	31.5	2.8	25.5	4.0	330	5.8	206.5	24.8	37.6	74.9	9.29
25831	Rock Pulp	872	344	3.2	0.4	6.8	4.7	82.3	30.2	38	57.8	2.2	>10000	988.2	55	1.3	268.1	509.2	155.1	435.7	54.42
25832	Rock Pulp	257	3	3.5	0.4	13.0	4.6	14.4	22.1	28	102.6	1.1	8.7	0.6	62	0.7	170.6	21.4	27.5	49.6	5.72
25888	Rock Pulp	434	7	0.3	0.5	33.9	69.8	536.6	55.7	3	56.5	76.4	467.0	24.8	268	10.2	3044	209.2	67.8	156.2	21.44
25889	Rock Pulp	342	23	3.5	3.6	40.3	70.4	2802	104.5	20	261.9	70.3	1672	186.7	378	32.2	3472	547.3	533.0	1052	116.6
25890	Rock Pulp	389	19	3.7	4.1	45.0	83.7	1632	114.3	18	278.5	66.7	3936	286.6	582	11.8	3688	264.4	224.6	504.1	54.76
25891	Rock Pulp	420	46	3.2	1.9	43.6	75.6	1037	80.7	33	244.0	49.0	357.9	48.3	42	13.9	3952	363.0	522.8	1031	112.9
333101	Rock Pulp	3052	4	10.8	1.4	18.7	7.1	305.4	134.9	30	49.4	9.6	136.0	229.2	116	2.0	280.6	25.9	41.8	96.6	10.47
333102	Rock Pulp	124	<1	12.6	<0.1	16.9	1.1	413.4	0.8	<1	24.2	9.6	85.0	226.8	36	2.2	36.9	11.5	13.0	36.9	3.50
333103	Rock Pulp	106	47	14.2	<0.1	35.7	100.3	3282	0.5	58	77.7	371.0	2752	161.3	<8	18.5	5931	1892	2949	5009	513.2
333104	Rock Pulp	728	39	5.7	0.7	9.0	537.6	4681	30.3	27	43.7	484.8	1705	684.2	46	32.6	31920	1307	723.3	1826	218.3

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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**Project:** None Given  
**Report Date:** October 18, 2010

**Page:** 3 of 5 Part 2

# CERTIFICATE OF ANALYSIS

VAN10005027.1

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01
025781	Rock Pulp	189.8	27.73	4.31	21.08	3.67	20.47	4.04	12.05	1.73	12.46	1.69
025782	Rock Pulp	183.0	29.34	4.78	22.61	4.08	23.43	4.48	14.11	2.14	14.70	2.02
025783	Rock Pulp	87.7	16.66	3.09	14.37	2.51	13.96	2.70	8.59	1.30	9.09	1.28
025784	Rock Pulp	105.5	18.27	3.20	15.70	2.84	16.65	3.36	10.76	1.56	10.51	1.52
025801	Rock Pulp	84.2	14.64	3.52	12.95	2.03	10.55	1.97	5.56	0.75	4.66	0.62
025802	Rock Pulp	358.4	44.25	1.84	31.89	5.38	28.55	5.12	14.28	2.10	14.78	2.07
025803	Rock Pulp	89.0	19.11	2.05	18.46	3.25	18.09	3.78	10.56	1.46	8.86	1.34
025804	Rock Pulp	44.2	7.98	0.87	6.58	1.18	6.52	1.32	4.20	0.63	4.32	0.63
025805	Rock Pulp	292.2	33.02	3.36	9.45	1.30	5.69	0.91	2.66	0.38	2.63	0.32
025806	Rock Pulp	995.4	139.6	5.83	102.3	17.16	88.28	17.00	47.31	6.79	45.46	7.30
025807	Rock Pulp	1756	242.8	9.60	150.4	21.54	110.0	23.77	80.38	13.09	90.96	13.98
025809	Rock Pulp	22.4	4.93	0.56	4.52	0.88	5.20	1.11	3.28	0.57	4.14	0.72
025810	Rock Pulp	44.3	8.11	0.86	7.15	1.36	7.67	1.72	5.54	0.91	6.22	1.02
025811	Rock Pulp	929.0	99.12	16.61	94.75	17.78	101.5	20.58	53.24	6.21	34.86	4.14
25825	Rock Pulp	364.2	54.22	7.06	44.70	7.66	42.19	8.61	25.55	3.68	24.39	3.61
25826	Rock Pulp	32.7	5.71	0.96	5.24	0.94	5.48	1.11	3.16	0.42	2.42	0.31
25827	Rock Pulp	746.6	199.9	17.94	254.1	52.13	340.4	78.49	242.1	35.16	225.8	33.26
25828	Rock Pulp	120.6	13.84	4.43	11.03	1.86	10.11	2.06	5.57	0.79	4.72	0.62
25829	Rock Pulp	28.5	5.03	0.75	4.60	0.86	4.95	1.02	2.81	0.42	2.52	0.36
25830	Rock Pulp	34.7	6.03	0.68	4.73	0.72	3.84	0.76	2.11	0.31	1.78	0.25
25831	Rock Pulp	232.2	55.97	4.41	62.16	10.45	57.07	11.27	28.94	3.15	16.63	2.16
25832	Rock Pulp	20.4	3.48	0.70	3.17	0.57	3.29	0.67	1.82	0.26	1.52	0.18
25888	Rock Pulp	88.5	21.13	1.33	23.99	4.82	29.11	6.35	18.34	2.72	16.44	2.53
25889	Rock Pulp	407.7	78.75	7.29	84.39	15.83	93.23	18.96	53.14	7.02	41.28	5.52
25890	Rock Pulp	190.7	35.29	3.13	34.03	6.44	38.43	8.16	23.67	3.43	21.85	3.25
25891	Rock Pulp	372.4	63.46	7.17	56.37	10.17	57.64	12.01	35.34	5.11	31.61	4.42
333101	Rock Pulp	36.9	5.84	0.92	4.62	0.79	4.02	0.81	2.21	0.31	1.72	0.23
333102	Rock Pulp	11.8	2.13	0.29	1.83	0.33	1.80	0.34	1.07	0.16	1.24	0.23
333103	Rock Pulp	1609	273.2	28.32	282.7	56.83	354.4	77.04	230.1	32.24	196.6	26.80
333104	Rock Pulp	740.6	140.7	16.06	160.0	35.37	236.6	57.12	190.6	29.76	200.3	31.33



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Page: 4 of 5 Part 1

CERTIFICATE OF ANALYSIS

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Method	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
Analyte	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	1	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	
333105	Rock Pulp	1271	25	10.9	0.5	15.7	589.1	2896	18.2	27	114.2	502.5	1388	583.4	56	9.0	34181	794.4	309.2	776.7	88.85
333106	Rock Pulp	968	12	12.9	0.2	21.6	62.9	888.6	24.4	35	100.4	175.0	899.5	173.8	115	3.6	3633	648.9	580.1	1123	122.4
333107	Rock Pulp	1062	41	1.9	2.0	51.4	15.7	669.2	316.2	28	86.7	12.3	146.8	36.4	21	2.1	704.1	97.4	257.5	449.9	44.94
333108	Rock Pulp	592	23	5.7	<0.1	18.3	96.8	859.3	4.7	76	59.1	36.9	353.8	91.6	31	5.0	3995	183.2	313.8	528.2	53.42
333109	Rock Pulp	30	<1	1.6	<0.1	0.6	<0.1	3.3	0.5	<1	47.4	0.5	1.4	0.8	<8	<0.5	4.7	7.8	38.4	46.9	3.82
333110	Rock Pulp	508	16	2.1	1.3	21.0	25.4	122.8	60.0	19	49.9	8.2	214.5	17.1	27	1.4	1096	61.8	244.3	454.3	46.07
333111	Rock Pulp	197	27	7.6	0.6	21.9	266.1	8266	28.9	247	168.9	871.8	3208	645.5	17	105.9	17379	4679	1708	4219	560.3
333112	Rock Pulp	326	4	35.2	0.5	9.1	3.9	25.0	26.9	5	39.0	1.6	7.9	1.0	61	1.1	155.8	31.7	21.4	31.0	3.37
333113	Rock Pulp	299	14	2.1	1.3	32.0	95.0	225.6	162.0	83	63.3	14.9	57.2	13.0	24	2.1	3766	110.2	348.6	584.0	57.00
333114	Rock Pulp	565	101	0.5	0.8	54.3	53.0	2619	243.7	107	94.4	51.4	749.7	135.7	12	2.0	2632	364.6	938.8	1625	163.4
333115	Rock Pulp	341	81	5.9	0.6	26.9	145.6	1935	119.7	68	56.9	155.9	238.8	94.1	20	4.9	6798	397.4	2181	3681	397.0
333116	Rock Pulp	736	3	2.5	0.7	19.6	154.5	2468	67.8	8	41.6	114.2	388.4	213.7	221	14.1	7277	763.0	335.1	672.2	79.79
333117	Rock Pulp	1024	84	10.3	0.9	25.9	143.9	6030	52.4	12	54.6	176.4	935.4	331.9	16	66.3	7395	2399	1224	3071	403.4
333118	Rock Pulp	1240	27	2.1	4.1	5.7	51.9	3594	148.4	33	58.1	69.6	723.3	229.6	28	21.5	3066	305.2	31.1	150.3	33.68
333119	Rock Pulp	2003	3	3.1	3.4	28.9	9.2	148.3	191.5	16	36.6	8.8	12.1	3.0	<8	5.7	370.1	40.8	78.6	163.7	17.98
333120	Rock Pulp	486	21	0.7	1.3	72.3	824.7	5486	167.2	46	27.5	388.5	902.1	145.6	<8	39.0	35330	883.3	632.6	1481	192.7
333121	Rock Pulp	237	8	0.5	0.7	40.5	46.8	440.1	106.6	20	34.7	30.7	93.4	14.6	<8	4.0	1809	95.1	246.9	493.7	49.76
333122	Rock Pulp	154	3	2.2	0.8	28.3	25.3	271.5	59.2	8	20.6	14.7	43.7	9.8	<8	4.1	1154	56.9	186.9	367.6	38.74
333123	Rock Pulp	490	16	7.0	0.2	7.4	4.8	58.6	11.3	22	81.3	8.0	17.1	41.5	89	1.5	200.8	137.9	1048	2094	202.2
333124	Rock Pulp	673	20	8.2	0.6	8.3	286.9	3352	28.9	24	54.9	255.2	962.9	419.7	50	11.8	16830	432.2	479.2	1108	119.5
333125	Rock Pulp	143	10	6.2	0.2	5.8	6.2	34.4	8.8	27	15.5	5.0	30.4	3.2	71	1.3	252.4	28.9	54.0	116.2	13.14
333126	Rock Pulp	509	5	2.1	0.3	33.7	178.2	1731	12.3	118	123.9	398.1	1293	66.0	49	18.7	9854	1345	2590	5307	572.3
333127	Rock Pulp	1276	8	10.2	0.3	19.5	4.3	195.2	16.6	32	114.0	8.3	27.8	82.2	138	1.8	179.7	34.6	36.6	76.7	8.86
333128	Rock Pulp	4618	2	9.0	0.2	11.7	16.0	39.5	74.6	11	47.1	3.6	16.9	3.0	133	1.5	612.5	29.0	52.4	114.8	11.94
334004	Rock Pulp	648	18	2.8	4.4	43.0	177.1	2422	64.3	130	535.5	115.9	209.9	119.9	13	20.4	8780	670.5	904.0	2032	221.7
334006	Rock Pulp	1887	101	1.0	4.5	40.8	75.3	4701	195.8	135	313.6	118.4	1630	289.3	16	3.1	4451	926.8	3127	5215	493.1
334007	Rock Pulp	915	394	5.9	1.6	18.2	287.0	3505	81.2	22	22.9	330.2	4419	131.9	105	99.5	13064	3668	934.8	3196	595.2
334011	Rock Pulp	436	7	10.5	1.0	40.5	33.9	5063	72.8	10	48.0	115.0	8471	346.7	105	99.7	2068	2191	920.9	2430	345.1
334012	Rock Pulp	188	110	2.5	0.4	30.8	122.0	6690	17.4	29	42.3	137.8	1187	369.5	44	66.8	6374	1265	333.3	925.4	140.5
334013	Rock Pulp	54	15	23.2	0.2	55.0	69.6	2834	3.0	49	51.5	108.4	657.7	159.9	99	26.8	4033	636.8	1549	2910	300.8

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: None Given  
 Report Date: October 18, 2010

Page: 4 of 5 Part 2

# CERTIFICATE OF ANALYSIS

VAN10005027.1

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01
333105	Rock Pulp	297.0	51.83	14.90	59.72	12.76	90.57	25.15	101.1	19.07	152.4	26.75
333106	Rock Pulp	422.4	80.49	9.85	88.36	17.47	108.6	23.84	71.18	9.89	62.10	8.76
333107	Rock Pulp	139.9	20.52	2.12	15.57	2.63	13.93	2.83	8.24	1.25	8.15	1.27
333108	Rock Pulp	172.4	29.25	5.55	27.29	4.93	27.45	5.62	16.49	2.50	16.59	2.56
333109	Rock Pulp	11.1	1.30	0.24	1.02	0.18	1.03	0.21	0.71	0.10	0.62	0.05
333110	Rock Pulp	141.1	16.96	4.00	11.27	1.86	9.49	2.00	5.79	0.92	5.83	0.89
333111	Rock Pulp	2202	506.0	61.29	621.5	116.2	703.9	149.1	428.2	56.77	335.9	44.84
333112	Rock Pulp	15.1	4.07	0.75	4.92	0.93	5.16	1.03	2.56	0.39	2.54	0.33
333113	Rock Pulp	175.1	25.82	2.07	19.28	3.11	15.65	2.83	7.77	1.06	6.63	0.98
333114	Rock Pulp	494.7	71.10	7.04	54.86	9.17	48.68	9.05	25.10	3.39	19.90	2.69
333115	Rock Pulp	1306	158.0	11.35	112.6	14.53	69.28	12.60	34.17	4.71	31.77	4.69
333116	Rock Pulp	302.5	79.74	4.14	112.5	23.51	149.7	33.83	99.77	13.98	86.55	11.88
333117	Rock Pulp	1852	416.7	14.12	432.4	75.54	441.4	87.88	258.4	33.99	209.7	26.19
333118	Rock Pulp	217.7	62.95	7.67	59.80	9.90	53.74	9.72	26.61	3.46	21.38	2.70
333119	Rock Pulp	64.8	10.16	1.67	8.49	1.45	7.95	1.50	4.61	0.63	4.39	0.70
333120	Rock Pulp	860.1	164.7	4.10	138.9	25.86	159.2	34.27	111.9	16.55	116.7	17.56
333121	Rock Pulp	169.1	24.27	0.82	16.75	2.98	16.86	3.42	11.45	1.82	12.92	1.83
333122	Rock Pulp	138.1	21.59	1.04	15.81	2.35	11.09	1.92	6.19	0.91	6.58	0.94
333123	Rock Pulp	619.1	57.38	16.08	32.97	5.27	26.41	4.72	12.95	1.64	9.71	1.12
333124	Rock Pulp	417.6	57.92	12.19	50.72	9.11	55.87	12.94	48.68	8.43	66.32	10.85
333125	Rock Pulp	46.5	7.01	1.38	5.00	0.87	4.54	0.87	2.44	0.37	2.32	0.30
333126	Rock Pulp	2133	351.8	32.83	297.1	50.54	268.7	48.90	138.0	18.24	118.4	15.90
333127	Rock Pulp	33.1	5.55	1.31	4.87	0.98	5.86	1.17	3.22	0.40	2.27	0.30
333128	Rock Pulp	45.0	7.72	1.39	5.35	0.87	4.94	0.97	3.22	0.48	3.21	0.49
334004	Rock Pulp	807.3	137.0	14.60	122.9	22.15	125.3	24.44	70.52	9.45	59.37	7.60
334006	Rock Pulp	1622	218.9	18.78	164.9	27.69	146.8	26.95	75.05	9.71	60.05	7.54
334007	Rock Pulp	3373	838.3	38.21	767.4	119.8	653.4	130.5	411.1	60.31	390.8	49.79
334011	Rock Pulp	1633	385.8	27.95	416.8	70.54	382.9	70.41	192.1	24.15	142.2	17.36
334012	Rock Pulp	697.5	163.6	10.06	183.6	31.36	178.4	35.48	101.0	13.27	81.34	10.50
334013	Rock Pulp	1089	154.7	10.69	111.9	18.94	103.4	19.75	57.98	8.00	52.60	7.12



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Page: 5 of 5 Part 1

CERTIFICATE OF ANALYSIS

VAN10005027.1

Method	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
Analyte	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	1	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	
334014	Rock Pulp	467	7	6.0	0.8	22.0	185.9	7345	58.1	6	35.3	186.6	3236	482.6	250	73.7	10560	1544	899.0	3003	427.3
334017	Rock Pulp	532	8	4.8	1.2	58.6	77.9	1533	108.4	40	36.4	71.8	269.0	66.1	90	14.9	4140	433.6	1621	2867	275.9
334018	Rock Pulp	423	31	1.4	0.6	27.6	77.6	4013	53.2	7	29.5	88.5	1017	239.1	60	37.0	4201	874.3	195.2	768.3	138.7
334019	Rock Pulp	41	37	1.1	0.2	57.8	54.3	2007	1.5	96	130.1	98.7	417.3	95.8	76	17.9	3229	504.7	893.7	1738	177.5
334138	Rock Pulp	632	17	3.3	0.6	13.3	61.6	9374	35.0	9	15.4	95.9	1211	309.1	26	76.2	3615	1013	3826	7072	649.8
334139	Rock Pulp	1824	30	1.8	0.2	34.2	82.4	4159	20.3	146	142.5	115.2	1931	259.0	34	6.5	4600	794.9	3315	4908	442.1
334140	Rock Pulp	3208	14	4.8	0.4	24.2	174.1	2194	66.4	10	35.5	122.1	537.5	121.6	51	11.2	8448	714.3	1513	2726	265.1
334143	Rock Pulp	340	118	1.9	8.3	54.7	36.9	1751	343.0	42	86.1	74.5	23.5	92.9	<8	18.5	2783	158.6	1668	2913	293.3
334144	Rock Pulp	463	5	1.8	6.0	36.9	18.3	4806	256.2	3	14.3	169.0	1447	314.0	87	16.4	1206	1110	179.7	748.9	127.1
334145	Rock Pulp	453	4	1.0	5.6	20.6	8.8	7884	211.6	2	139.1	44.3	2596	426.2	78	63.5	438.8	3105	263.8	801.0	142.6
334157	Rock Pulp	6278	5	18.1	7.0	18.5	2.1	24.3	50.7	4	127.7	1.6	101.6	191.9	199	1.8	81.6	155.4	1441	2737	290.4
334158	Rock Pulp	232	9	14.0	<0.1	6.6	4.3	33.1	2.0	1	41.9	4.9	2.5	1.4	14	<0.5	152.7	40.8	8.3	20.3	3.40
334159	Rock Pulp	346	16	21.8	0.2	19.2	13.5	345.8	3.4	7	58.4	15.5	58.0	23.4	15	5.6	596.6	203.0	3666	6631	670.8
334160	Rock Pulp	65	44	2.7	0.1	35.3	245.6	8590	1.7	10	84.4	654.2	753.8	278.4	<8	44.8	12451	2630	3741	7960	788.5
334161	Rock Pulp	575	27	6.3	0.3	27.4	337.3	1913	14.3	28	179.1	176.9	205.9	94.7	<8	12.1	15965	524.1	694.3	1489	167.0
334169	Rock Pulp	425	54	2.8	3.2	63.6	203.6	2023	142.3	95	240.1	142.8	559.4	120.3	31	18.1	10174	874.6	1419	2821	302.7
334201	Rock Pulp	150	3	6.2	0.4	20.9	91.8	1274	22.8	7	48.6	63.7	460.2	65.1	92	23.0	4295	661.6	913.1	1694	180.9
334203	Rock Pulp	340	3	5.0	0.9	34.1	128.3	2007	68.6	7	15.3	113.6	528.1	130.6	142	19.8	6795	933.7	1705	3532	389.3
334209	Rock Pulp	586	13	12.9	1.7	28.4	76.0	2355	91.0	8	53.0	77.5	2082	133.8	103	28.5	5623	919.1	1110	2188	249.9
334227	Rock Pulp	105	28	10.2	0.2	13.6	83.8	20415	5.8	11	51.1	218.2	1925	981.8	10	297.3	5286	3142	442.5	1821	338.2
334228	Rock Pulp	195	130	9.5	0.1	30.6	219.3	4561	5.8	26	46.1	120.8	1764	196.3	<8	48.0	12494	1471	3150	5978	580.3
334229	Rock Pulp	37	362	3.1	0.2	21.2	54.5	16724	1.4	9	30.9	112.8	1190	504.0	<8	21.4	3317	1913	5461	10749	958.2
334230	Rock Pulp	3008	10	15.5	0.3	21.8	232.2	1947	56.9	7	34.8	126.6	253.7	102.8	58	6.7	11323	533.3	1049	1922	183.9
334231	Rock Pulp	235	5	0.5	0.3	26.5	15.9	113.0	8.8	4	64.1	7.1	23.9	4.0	40	1.4	620.3	46.2	35.3	91.0	11.23
334232	Rock Pulp	1869	5	4.4	2.5	26.0	14.2	103.4	114.2	5	200.2	6.2	17.9	3.9	23	3.9	518.8	51.4	86.8	173.2	18.93



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Project: None Given  
 Report Date: October 18, 2010

Page: 5 of 5 Part 2

# CERTIFICATE OF ANALYSIS

VAN10005027.1

Method		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
Analyte		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01
334014	Rock Pulp	1823	334.1	23.86	296.6	48.09	257.6	47.79	134.2	17.71	109.9	14.21
334017	Rock Pulp	900.2	112.7	10.24	82.33	14.27	79.79	15.54	46.51	6.53	43.45	5.88
334018	Rock Pulp	738.8	163.3	7.91	153.8	24.41	131.3	24.75	70.16	9.02	56.07	6.99
334019	Rock Pulp	621.5	96.94	8.77	82.59	15.01	84.20	16.58	48.94	6.79	43.86	5.85
334138	Rock Pulp	2108	259.4	27.18	181.8	30.07	156.3	27.11	74.93	9.83	61.65	7.76
334139	Rock Pulp	1422	186.2	16.23	141.1	24.05	128.0	23.83	65.81	8.72	52.53	6.67
334140	Rock Pulp	882.5	133.2	10.89	115.2	21.37	122.1	24.51	72.27	10.06	62.69	8.09
334143	Rock Pulp	1022	136.2	13.17	64.81	7.68	32.88	5.66	19.56	3.46	26.73	4.02
334144	Rock Pulp	677.4	195.1	7.84	228.4	42.44	242.6	46.75	128.5	16.48	95.99	11.32
334145	Rock Pulp	889.5	351.6	12.72	523.9	104.5	625.3	129.1	367.0	47.67	276.8	34.04
334157	Rock Pulp	986.8	94.71	18.01	51.93	7.13	31.83	5.23	12.98	1.62	9.18	1.15
334158	Rock Pulp	17.7	5.60	0.15	6.38	1.20	7.11	1.38	4.22	0.66	4.57	0.85
334159	Rock Pulp	2277	222.8	6.27	89.89	11.14	45.81	6.67	18.16	2.49	15.46	1.99
334160	Rock Pulp	2742	444.2	30.47	402.0	80.39	480.9	100.8	303.6	42.35	260.6	34.01
334161	Rock Pulp	653.2	109.3	7.80	100.4	17.50	99.59	20.63	61.54	8.69	55.05	7.52
334169	Rock Pulp	1102	180.7	17.98	158.4	28.32	158.4	31.59	95.89	13.21	82.70	10.82
334201	Rock Pulp	681.4	119.3	12.96	111.7	20.50	113.2	22.55	64.21	8.90	54.50	7.10
334203	Rock Pulp	1428	226.5	26.50	192.8	34.40	186.0	35.05	97.14	13.21	80.05	10.13
334209	Rock Pulp	1076	178.6	12.84	152.1	22.46	129.6	24.41	70.81	10.32	66.62	8.80
334227	Rock Pulp	2114	533.1	30.97	562.6	87.80	513.2	98.68	269.4	36.05	198.8	20.42
334228	Rock Pulp	2179	314.3	27.03	247.5	37.22	212.3	39.35	112.8	16.24	98.06	11.44
334229	Rock Pulp	2994	316.2	22.36	218.9	33.23	197.9	40.41	124.5	18.86	117.5	13.63
334230	Rock Pulp	674.0	99.67	7.42	84.81	14.00	83.41	15.85	44.69	6.54	41.63	5.44
334231	Rock Pulp	44.2	8.76	1.15	8.61	1.46	8.47	1.69	4.84	0.70	4.71	0.64
334232	Rock Pulp	70.4	12.25	2.50	10.47	1.69	9.62	1.87	5.20	0.74	4.88	0.74



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Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

VAN10005027.1

Method		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
Analyte		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		1	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
Pulp Duplicates																					
025770	Rock Pulp	437	7	1.0	0.5	37.6	30.1	352.8	20.9	6	256.8	16.6	42.4	7.2	23	1.4	1317	86.5	25.6	93.8	14.83
REP 025770	QC	424	8	0.5	0.4	37.5	29.1	358.2	21.1	6	257.9	16.5	41.3	7.4	23	1.6	1323	88.9	25.1	95.1	15.02
333102	Rock Pulp	124	<1	12.6	<0.1	16.9	1.1	413.4	0.8	<1	24.2	9.6	85.0	226.8	36	2.2	36.9	11.5	13.0	36.9	3.50
REP 333102	QC	129	<1	12.8	<0.1	17.1	1.1	409.7	0.7	<1	24.1	9.3	85.0	224.1	36	2.2	48.5	11.7	13.0	36.4	3.48
334004	Rock Pulp	648	18	2.8	4.4	43.0	177.1	2422	64.3	130	535.5	115.9	209.9	119.9	13	20.4	8780	670.5	904.0	2032	221.7
REP 334004	QC	651	18	2.6	4.2	43.0	171.5	2507	62.5	129	527.6	114.6	197.9	113.7	13	19.8	8516	659.8	879.4	1961	214.5
Reference Materials																					
STD SO-18	Standard	521	1	27.9	6.9	17.4	9.0	20.7	27.4	15	411.1	6.9	11.0	16.8	214	13.8	285.7	31.2	12.5	27.4	3.36
STD SO-18	Standard	518	1	26.6	7.1	17.8	9.2	22.7	27.3	15	401.1	7.6	10.7	16.9	204	14.0	290.5	31.2	12.3	26.7	3.26
STD SO-18	Standard	490	1	25.0	6.6	17.0	9.3	21.7	26.6	14	394.7	7.1	9.3	15.3	201	14.7	284.7	29.4	11.3	25.8	3.18
STD SO-18	Standard	485	1	25.0	6.6	17.0	9.4	21.5	26.9	14	390.5	7.0	9.7	15.0	202	14.2	283.0	29.9	11.2	25.3	3.19
STD SO-18	Standard	497	<1	25.4	6.8	17.2	9.5	21.8	26.8	15	394.9	7.6	9.3	15.9	198	14.3	290.3	30.1	11.9	26.2	3.27
STD SO-18	Standard	499	1	24.9	6.8	17.4	9.8	21.0	27.0	14	392.3	7.4	9.6	15.7	196	14.9	289.0	30.2	11.8	26.5	3.30
STD SO-18	Standard	513	<1	25.5	7.0	17.2	9.2	21.0	27.6	15	394.4	7.2	10.9	16.0	200	14.8	290.5	30.2	12.0	26.8	3.31
STD SO-18	Standard	494	<1	25.4	6.8	17.1	9.5	20.1	27.5	14	393.8	7.0	9.9	15.9	198	14.5	288.1	30.1	11.9	26.8	3.29
STD SO-18	Standard	535	2	27.0	7.1	17.7	9.8	23.0	27.9	15	399.1	7.2	10.1	16.3	204	14.9	296.8	30.7	12.3	27.3	3.40
STD SO-18	Standard	539	<1	27.3	7.1	17.5	9.6	23.2	28.0	15	408.8	7.4	10.4	16.6	203	15.2	298.8	30.7	12.4	28.2	3.41
STD SO-18 Expected		514	1	26.2	7.1	17.6	9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	0.6	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	3.5	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	0.8	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	1.9	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	0.8	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	2.6	0.6	<0.1	0.2	<0.02
BLK	Blank	<1	<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
BLK	Blank	<1	<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	2.2	<0.1	<0.1	<0.1	<0.02



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Project: None Given  
 Report Date: October 18, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

VAN10005027.1

Method		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
Analyte		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01
Pulp Duplicates												
025770	Rock Pulp	66.5	14.48	1.18	14.03	2.54	15.77	3.10	9.53	1.44	9.55	1.28
REP 025770	QC	66.5	13.97	1.19	14.03	2.59	15.55	3.09	9.49	1.41	9.31	1.29
333102	Rock Pulp	11.8	2.13	0.29	1.83	0.33	1.80	0.34	1.07	0.16	1.24	0.23
REP 333102	QC	12.6	2.20	0.28	1.71	0.33	1.83	0.34	0.88	0.16	1.27	0.23
334004	Rock Pulp	807.3	137.0	14.60	122.9	22.15	125.3	24.44	70.52	9.45	59.37	7.60
REP 334004	QC	794.8	133.4	14.17	118.5	21.39	122.4	23.89	68.96	9.29	58.30	7.36
Reference Materials												
STD SO-18	Standard	13.6	2.66	0.83	2.80	0.49	2.86	0.60	1.79	0.27	1.68	0.22
STD SO-18	Standard	13.0	2.65	0.82	2.73	0.48	2.82	0.60	1.76	0.26	1.66	0.23
STD SO-18	Standard	14.0	2.64	0.80	2.67	0.47	2.82	0.57	1.72	0.26	1.62	0.26
STD SO-18	Standard	13.9	2.70	0.80	2.70	0.47	2.82	0.60	1.71	0.26	1.67	0.26
STD SO-18	Standard	13.8	2.79	0.82	2.78	0.48	2.75	0.56	1.65	0.25	1.70	0.26
STD SO-18	Standard	13.7	2.66	0.81	2.81	0.47	2.67	0.56	1.68	0.26	1.67	0.26
STD SO-18	Standard	14.3	2.78	0.84	2.79	0.48	2.81	0.59	1.73	0.27	1.77	0.28
STD SO-18	Standard	14.1	2.78	0.83	2.81	0.47	2.82	0.57	1.72	0.26	1.74	0.26
STD SO-18	Standard	14.6	2.85	0.85	2.95	0.50	2.93	0.61	1.80	0.27	1.78	0.27
STD SO-18	Standard	14.3	2.89	0.86	2.92	0.50	2.93	0.60	1.83	0.27	1.84	0.27
STD SO-18 Expected		14	3	0.89	2.93	0.53	3	0.62	1.84	0.27	1.79	0.27
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01



## **APPENDIX 4**

### **Whole Rock analyses and mineral norms plus analytical certificates**

The total iron content in the analyses has been partitioned with 30% occurring as Fe<sub>2</sub>O<sub>3</sub> and 70% occurring as FeO. This was done to be able to calculate the normative mineralogy.

The XRD results are also included at the end of this appendix.

Sample	25701	25751	25752	25753	25754	25755
Rock		Syenite	Hble Syenite	Hble Syenite	Hble Syenite	Aplite Dyke
SiO2	57.7	66.5	63.0	65.9	64.9	64.0
TiO2	0.11	0.42	0.45	0.38	0.41	0.29
Al2O3	16.90	14.55	12.30	12.50	13.05	9.73
Fe2O3	2.17	1.15	3.15	2.16	2.12	2.51
FeO	4.79	2.54	6.96	4.77	4.69	5.54
MnO	0.15	0.08	0.14	0.07	0.10	0.10
MgO	0.39	0.16	0.26	0.53	0.12	0.69
CaO	3.02	1.38	1.75	1.48	1.54	4.01
Na2O	8.26	7.91	6.35	5.19	5.32	1.92
K2O	0.53	0.39	0.58	1.33	3.26	2.89
P2O5	0.01	0.02	0.03	0.05	0.04	0.05
CO2	2.64	0.92	1.58	1.65	0.37	2.89
ZrO2	0.93	0.34	0.20	0.23	0.45	2.64
Nb2O5	0.31	0.08	0.07	0.04	0.13	0.09
Ta2O5	0.02	0.00	0.00	0.00	0.01	0.01
T_REO	0.14	0.14	0.14	0.32	0.19	0.43
<b>Total</b>	<b>98.06</b>	<b>96.57</b>	<b>96.96</b>	<b>96.60</b>	<b>96.70</b>	<b>97.78</b>
Quartz (Q)	3.86	16.66	19.53	28.18	16.52	34.67
Corundum(C)	3.37	0.78	1.77	3.77		2.98
Orthoclase(Or)	3.13	2.30	3.43	7.86	19.27	17.08
Albite(Ab)	69.89	66.93	53.73	43.92	45.02	16.25
Anorthite(An)	-1.73	0.92	-1.47	-3.41	2.10	1.27
Nepheline(Ne)						
Diopside(Di)					2.62	
Hypersthene(Hy)	8.08	3.57	10.35	7.80	5.28	9.52
Olivine(Ol)						
Magnetite(Mt)	3.06	1.65	4.55	3.12	3.04	3.61
Ilmenite(Il)	0.21	0.80	0.85	0.72	0.78	0.55
Apatite(Ap)	0.01	0.05	0.07	0.12	0.09	0.12
Acmite(Ac)						
Leucite(Lc)						
CaDiSilicate(Cs)						
Wollastonite(Wo)						
Hematite(Hm)						
Rutile(Ru)						
Calcite(Cc)	6.00	2.08	3.58	3.75	0.83	6.58
Columbite	0.39	0.10	0.09	0.05	0.16	0.12
Zircon	1.38	0.50	0.30	0.35	0.67	3.92
<b>Total</b>	<b>97.66</b>	<b>96.34</b>	<b>96.77</b>	<b>96.22</b>	<b>96.38</b>	<b>96.66</b>
Solidification Index	16.09	10.32	9.31	9.92	9.10	23.78
Differentiation Ind.	77.58	86.15	76.84	80.13	81.14	69.97
Color Index	11.43	6.03	15.77	11.64	11.75	13.71
Agpaitic Index	0.84	0.92	0.90	0.80	0.94	0.65

Sample	25756	25757	25758	25759	25760	25762
Rock	Syenite	Syenite	Syenite	Syenite	Syenite	Hble Syenite
SiO2	70.1	70.9	68.9	75.1	74.2	74.7
TiO2	0.32	0.47	0.25	0.63	0.22	0.14
Al2O3	12.35	10.90	12.30	11.10	10.80	10.90
Fe2O3	1.54	1.93	0.94	0.40	0.65	0.53
FeO	3.41	4.27	2.07	0.88	1.43	1.17
MnO	0.10	0.13	0.04	0.01	0.03	0.03
MgO	0.27	0.19	0.08	0.31	0.45	0.16
CaO	0.85	0.91	3.63	0.62	1.12	1.27
Na2O	5.88	5.43	1.33	6.19	5.83	5.51
K2O	1.02	0.72	8.17	0.27	0.44	0.92
P2O5	0.02	0.01	0.01	0.01	0.01	0.01
CO2	0.59	0.29	0.33	1.06	0.66	1.14
ZrO2	0.33	0.33	0.15	0.41	0.34	0.30
Nb2O5	0.10	0.11	0.04	0.12	0.12	0.08
Ta2O5	0.01	0.01	0.00	0.01	0.01	0.01
T_REO	0.16	0.17	0.04	0.11	0.12	0.14
Total	97.04	96.77	98.28	97.22	96.42	96.99
Quartz (Q)	29.07	32.31	24.27	38.76	36.28	38.38
Corundum(C)	1.43	0.24		1.97	0.24	1.19
Orthoclase(Or)	6.03	4.25	48.28	1.60	2.60	5.44
Albite(Ab)	49.75	45.95	11.25	52.38	49.33	46.62
Anorthite(An)	0.38	2.60	3.46	-3.67	1.35	-0.95
Nepheline(Ne)						
Diopside(Di)			5.48			
Hypersthene(Hy)	5.31	6.18		1.03	2.91	1.93
Olivine(Ol)						
Magnetite(Mt)	2.21	2.77	1.35	0.54	0.91	0.74
Ilmenite(Il)	0.61	0.89	0.47	1.20	0.42	0.27
Apatite(Ap)	0.05	0.02	0.02	0.01	0.01	0.02
Acmite(Ac)						
Leucite(Lc)						
CaDiSilicate(Cs)						
Wollastonite(Wo)			2.58			
Hematite(Hm)						
Rutile(Ru)						
Calcite(Cc)	1.33	0.67	0.75	2.42	1.50	2.58
Columbite	0.12	0.14	0.04	0.16	0.15	0.10
Zircon	0.48	0.49	0.23	0.61	0.50	0.44
<b>Total</b>	<b>96.78</b>	<b>96.51</b>	<b>98.19</b>	<b>97.00</b>	<b>96.20</b>	<b>96.77</b>
Solidification Index	6.69	6.86	22.50	7.42	11.83	13.52
Differentiation Ind.	85.10	82.76	83.92	93.04	88.47	90.66
Color Index	8.16	9.88	7.31	2.80	4.27	2.96
Agpaitic Index	0.87	0.89	0.90	0.94	0.93	0.92

Sample	25763	25764	25765	25766	25767	25768
Rock	Hble Syenite	Syenite Dyke	Syenite Dyke	Syenite Dyke	Syenite	Syenite
SiO2	68.0	39.0	44.4	59.5	65.7	58.4
TiO2	0.28	0.39	2.95	0.72	0.63	0.47
Al2O3	12.80	10.40	14.65	20.10	17.15	15.45
Fe2O3	1.17	3.78	6.00	0.60	0.53	0.84
FeO	2.59	8.35	13.26	1.33	1.18	1.85
MnO	0.05	0.13	0.07	0.03	0.02	0.03
MgO	0.60	4.54	4.23	1.16	2.37	5.50
CaO	1.16	12.30	2.31	0.98	2.81	5.16
Na2O	1.58	1.03	2.65	6.61	8.91	4.45
K2O	8.13	6.01	6.69	3.56	0.74	4.06
P2O5	0.01	2.56	0.80	0.02	0.37	0.25
CO2	0.11	7.18	0.18	1.17	0.22	0.73
ZrO2	0.30	0.05	0.04	1.55	0.17	0.13
Nb2O5	0.07	0.01	0.02	0.34	0.06	0.05
Ta2O5	0.01	0.00	0.00	0.02	0.00	0.00
T_REO	0.21	0.22	0.04	0.78	0.08	0.06
<b>Total</b>	<b>97.07</b>	<b>95.96</b>	<b>98.30</b>	<b>98.47</b>	<b>100.94</b>	<b>97.43</b>
Quartz (Q)	23.12	-0.04	-0.03	5.33	3.87	1.40
Corundum(C)		2.60	1.19	6.36		
Orthoclase(Or)	48.05	35.52	39.54	21.04	4.37	23.99
Albite(Ab)	13.37	8.72	10.85	55.93	75.39	37.65
Anorthite(An)	3.82	-1.09	5.08	-2.68	4.61	10.19
Nepheline(Ne)			6.27			
Diopside(Di)	1.00				4.36	7.23
Hypersthene(Hy)	4.41	16.77		3.70	4.58	12.28
Olivine(Ol)		4.69	18.70			
Magnetite(Mt)	1.68	5.48	8.70	0.78	0.76	1.20
Ilmenite(Il)	0.53	0.74	5.60	1.37	1.20	0.89
Apatite(Ap)	0.02	5.93	1.85	0.05	0.86	0.58
Acmite(Ac)						
Leucite(Lc)						
CaDiSilicate(Cs)						
Wollastonite(Wo)						
Hematite(Hm)						
Rutile(Ru)						
Calcite(Cc)	0.25	16.33	0.42	2.67	0.50	1.67
Columbite	0.09	0.02	0.02	0.44	0.07	0.06
Zircon	0.44	0.07	0.06	2.30	0.25	0.20
<b>Total</b>	<b>96.78</b>	<b>95.73</b>	<b>98.24</b>	<b>97.27</b>	<b>100.82</b>	<b>97.35</b>
Solidification Index	7.93	39.08	7.47	7.49	19.82	31.55
Differentiation Ind.	84.75	44.23	56.66	83.46	83.76	63.15
Color Index	7.64	27.68	33.00	5.93	10.91	21.62
Agpaitic Index	0.89	0.79	0.79	0.73	0.90	0.76

Sample	25769	25770	25771	25772	25773	25774
Rock	Syenite	Syenite	Syenite	Hble Syenite	Hble Syenite	Chert
SiO2	58.4	59.9	55.9	58.8	58.5	75.3
TiO2	0.23	0.32	0.27	0.33	0.33	0.57
Al2O3	17.15	17.10	15.95	16.50	15.95	12.50
Fe2O3	0.59	0.38	1.19	0.98	1.14	0.18
FeO	1.31	0.84	2.62	2.16	2.53	0.39
MnO	0.05	0.01	0.03	0.02	0.03	0.01
MgO	2.31	2.88	3.01	3.76	3.07	1.26
CaO	3.01	2.66	2.73	2.02	1.94	0.74
Na2O	7.71	8.06	4.81	5.94	6.57	5.50
K2O	1.65	1.35	3.18	2.58	1.55	0.75
P2O5	0.10	0.13	0.05	0.06	0.06	0.19
CO2	4.47	1.47	5.46	2.20	3.04	0.81
ZrO2	0.14	0.19	0.14	0.14	0.14	0.02
Nb2O5	0.05	0.05	0.05	0.05	0.04	0.00
Ta2O5	0.00	0.00	0.00	0.00	0.00	0.00
T_REO	0.08	0.04	0.07	0.05	0.12	0.00
<b>Total</b>	<b>97.26</b>	<b>95.37</b>	<b>95.46</b>	<b>95.59</b>	<b>95.02</b>	<b>98.22</b>
Quartz (Q)	8.98	1.76	18.79	9.30	12.53	39.70
Corundum(C)	7.80	1.25	12.40	5.50	7.13	3.62
Orthoclase(Or)	9.75	7.98	18.79	15.25	9.16	4.43
Albite(Ab)	65.24	68.20	40.70	50.26	55.59	46.54
Anorthite(An)	-13.98	3.08	-21.30	-4.27	-9.99	-2.67
Nepheline(Ne)						
Diopside(Di)						
Hypersthene(Hy)	7.39	7.89	10.94	12.02	10.85	3.14
Olivine(Ol)						
Magnetite(Mt)	0.85	0.53	1.70	1.40	1.65	0.00
Ilmenite(Il)	0.44	0.61	0.51	0.63	0.63	0.85
Apatite(Ap)	0.23	0.30	0.12	0.14	0.14	0.44
Acmite(Ac)						
Leucite(Lc)						
CaDiSilicate(Cs)						
Wollastonite(Wo)						
Hematite(Hm)						0.18
Rutile(Ru)						0.12
Calcite(Cc)	10.17	3.33	12.42	5.00	6.92	1.83
Columbite	0.06	0.07	0.07	0.06	0.06	0.00
Zircon	0.22	0.28	0.21	0.20	0.20	0.03
<b>Total</b>	<b>97.14</b>	<b>95.28</b>	<b>95.35</b>	<b>95.50</b>	<b>94.86</b>	<b>98.21</b>
Solidification Index	21.08	20.02	18.80	14.77	14.13	9.79
Differentiation Ind.	84.08	78.08	78.39	74.91	77.39	90.68
Color Index	8.69	9.04	13.17	14.06	13.14	4.16
Agpaitic Index	0.84	0.86	0.71	0.76	0.78	0.79

Sample	25775	25776	25777	25778	25779	25780
Rock	Chert	Hble Syenite	Syenite	Chert	Chert	Syenite
SiO2	54.2	50.2	61.7	73.7	73.4	57.8
TiO2	0.63	0.60	0.23	0.54	0.57	0.35
Al2O3	15.50	16.75	17.50	11.65	12.55	17.00
Fe2O3	0.43	1.13	0.64	0.31	0.32	1.58
FeO	0.94	2.50	1.41	0.68	0.70	3.50
MnO	0.05	0.03	0.02	0.01	0.01	0.03
MgO	3.61	8.49	1.07	2.16	2.03	3.52
CaO	5.99	1.96	1.99	0.78	0.54	2.45
Na2O	7.78	6.57	9.15	4.42	3.67	6.97
K2O	0.54	0.57	0.59	0.78	1.58	2.35
P2O5	0.22	0.09	0.07	0.20	0.17	0.05
CO2	9.12	3.33	3.04	0.95	0.66	3.74
ZrO2	0.02	0.41	0.04	0.02	0.02	0.15
Nb2O5	0.00	0.10	0.01	0.00	0.00	0.05
Ta2O5	0.00	0.01	0.00	0.00	0.00	0.00
T_REO	0.00	0.17	0.04	0.00	0.01	0.13
<b>Total</b>	<b>99.04</b>	<b>92.91</b>	<b>97.49</b>	<b>96.20</b>	<b>96.23</b>	<b>99.67</b>
Quartz (Q)	13.98	0.76	8.05	43.21	44.04	5.91
Corundum(C)	12.89	9.70	5.40	4.80	5.76	7.31
Orthoclase(Or)	3.19	3.37	3.49	4.61	9.34	13.89
Albite(Ab)	65.83	55.59	77.42	37.40	31.05	58.98
Anorthite(An)	-29.40	-11.94	-9.81	-3.46	-2.60	-11.80
Nepheline(Ne)						
Diopside(Di)						
Hypersthene(Hy)	9.42	23.87	4.38	5.50	5.16	13.37
Olivine(Ol)						
Magnetite(Mt)	0.62	1.61	0.92	0.44	0.46	2.28
Ilmenite(Il)	1.20	1.14	0.44	1.03	1.08	0.66
Apatite(Ap)	0.51	0.21	0.16	0.46	0.39	0.12
Acmite(Ac)						
Leucite(Lc)						
CaDiSilicate(Cs)						
Wollastonite(Wo)						
Hematite(Hm)						
Rutile(Ru)						
Calcite(Cc)	20.75	7.58	6.92	2.17	1.50	8.50
Columbite	0.00	0.12	0.02	0.00	0.00	0.06
Zircon	0.03	0.61	0.06	0.03	0.03	0.22
<b>Total</b>	<b>99.03</b>	<b>92.62</b>	<b>97.44</b>	<b>96.19</b>	<b>96.22</b>	<b>99.50</b>
Solidification Index	38.21	15.40	14.45	11.20	7.93	14.54
Differentiation Ind.	83.03	60.03	88.99	85.24	84.45	78.89
Color Index	11.24	26.65	5.74	6.97	6.71	16.33
Agpaitic Index	0.86	0.68	0.90	0.70	0.62	0.82

Sample	25781	25782	25783	25784	25801	25802
Rock	Hble Syenite	Felsic Volcanic	Hble Syenite	Hble Syenite	Syenite Dyke 2	Syenite
SiO2	57.9	53.8	55.8	58.5	50.6	71.2
TiO2	0.39	0.33	0.34	0.37	2.98	0.40
Al2O3	16.60	17.30	16.00	16.50	15.00	14.80
Fe2O3	2.24	2.44	1.80	2.40	3.59	0.49
FeO	4.96	5.39	3.99	5.31	7.92	1.09
MnO	0.04	0.01	0.10	0.06	0.19	0.07
MgO	1.50	3.73	1.59	1.00	3.02	0.19
CaO	1.87	0.81	4.63	1.68	6.78	0.47
Na2O	6.57	5.93	6.98	7.38	4.67	7.32
K2O	3.04	3.13	1.72	1.76	1.83	0.59
P2O5	0.03	0.07	0.04	0.06	1.20	0.04
CO2	2.20	1.69	5.75	2.27	1.03	0.95
ZrO2	0.27	0.26	0.15	0.18	0.03	0.19
Nb2O5	0.04	0.12	0.04	0.05	0.01	0.06
Ta2O5	0.00	0.01	0.00	0.00	0.00	0.00
T_REO	0.17	0.16	0.08	0.10	0.06	0.32
<b>Total</b>	<b>97.83</b>	<b>95.16</b>	<b>99.02</b>	<b>97.63</b>	<b>98.92</b>	<b>98.19</b>
Quartz (Q)	4.65	1.29	9.55	6.68	1.39	27.17
Corundum(C)	4.27	6.76	7.66	4.81		3.57
Orthoclase(Or)	17.97	18.50	10.16	10.40	10.81	3.49
Albite(Ab)	55.59	50.18	59.06	62.45	39.52	61.94
Anorthite(An)	-4.82	-7.09	-13.66	-6.42	14.56	-3.95
Nepheline(Ne)						
Diopside(Di)					3.93	
Hypersthene(Hy)	10.42	16.65	9.41	9.76	12.60	1.53
Olivine(Ol)						
Magnetite(Mt)	3.24	3.50	2.60	3.47	5.19	0.70
Ilmenite(Il)	0.74	0.63	0.65	0.70	5.66	0.76
Apatite(Ap)	0.07	0.16	0.09	0.14	2.78	0.09
Acmite(Ac)						
Leucite(Lc)						
CaDiSilicate(Cs)						
Wollastonite(Wo)						
Hematite(Hm)						
Rutile(Ru)						
Calcite(Cc)	5.00	3.83	13.08	5.17	2.33	2.17
Columbite	0.06	0.15	0.05	0.06	0.02	0.08
Zircon	0.41	0.38	0.23	0.27	0.05	0.28
<b>Total</b>	<b>97.59</b>	<b>94.93</b>	<b>98.90</b>	<b>97.48</b>	<b>98.85</b>	<b>97.81</b>
Solidification Index	10.01	4.58	24.22	9.06	27.35	4.72
Differentiation Ind.	78.41	70.16	78.89	79.66	51.75	92.73
Color Index	14.41	20.81	12.67	13.95	27.39	3.01
Agpaitic Index	0.85	0.76	0.83	0.85	0.64	0.86

Sample	25803	25804	25806	25807	25809	25810
Rock	Syenite Dyke	Syenite	Syenite Dyke	Syenite Dyke	Syenite	Syenite
SiO2	61.5	64.6	56.7	47.3	55.9	57.1
TiO2	0.68	0.59	1.37	1.80	0.24	0.18
Al2O3	14.80	17.20	24.10	21.90	19.80	20.70
Fe2O3	1.86	0.65	0.55	1.47	0.89	1.00
FeO	4.10	1.44	1.22	3.26	1.98	2.21
MnO	0.11	0.04	0.01	0.06	0.08	0.10
MgO	1.32	0.51	1.52	1.65	0.37	0.16
CaO	2.47	0.37	0.28	1.52	7.60	7.24
Na2O	6.16	8.65	3.60	2.66	6.59	6.74
K2O	3.00	0.64	6.52	6.59	1.42	1.02
P2O5	0.18	0.09	0.22	0.01	0.06	0.01
CO2	0.55	0.18	0.37	2.49	2.16	0.15
ZrO2	0.10	0.11	1.11	1.74	0.16	0.19
Nb2O5	0.04	0.02	0.30	0.40	0.04	0.04
Ta2O5	0.00	0.00	0.01	0.02	0.00	0.00
T_REO	0.07	0.04	0.78	1.44	0.02	0.04
<b>Total</b>	<b>96.94</b>	<b>95.13</b>	<b>98.67</b>	<b>94.31</b>	<b>97.31</b>	<b>96.89</b>
Quartz (Q)	7.35	10.41	8.73	5.56	0.78	-0.14
Corundum(C)		2.24	11.99	13.42		
Orthoclase(Or)	17.73	3.78	38.53	38.94	8.39	6.03
Albite(Ab)	52.12	73.19	30.46	22.51	55.76	56.54
Anorthite(An)	3.87	0.09	-2.36	-8.28	20.25	23.21
Nepheline(Ne)						0.27
Diopside(Di)	3.14				2.91	6.74
Hypersthene(Hy)	6.80	2.47	3.79	6.01	2.08	
Olivine(Ol)						
Magnetite(Mt)	2.68	0.94	-0.08	2.03	1.29	1.44
Ilmenite(Il)	1.29	1.12	2.60	3.42	0.46	0.34
Apatite(Ap)	0.42	0.21	0.51	0.02	0.14	0.02
Acmite(Ac)						
Leucite(Lc)						
CaDiSilicate(Cs)						
Wollastonite(Wo)						1.67
Hematite(Hm)			0.55			
Rutile(Ru)			0.00			
Calcite(Cc)	1.25	0.42	0.83	5.67	4.92	0.33
Columbite	0.05	0.03	0.38	0.50	0.05	0.05
Zircon	0.15	0.16	1.66	2.58	0.23	0.28
<b>Total</b>	<b>96.85</b>	<b>95.07</b>	<b>97.58</b>	<b>92.39</b>	<b>97.25</b>	<b>96.79</b>
Solidification Index	14.04	3.15	2.30	9.81	41.13	39.74
Differentiation Ind.	77.28	87.47	78.55	68.31	65.05	62.83
Color Index	13.92	4.54	6.94	11.56	6.73	8.54
Agpaitic Index	0.90	0.87	0.54	0.53	0.63	0.59



Sample	25811	25825	25826	25827	25828	25830
Rock	Anorthosite	Skarn	Skarn	Skarn	Skarn	Siltstone
SiO2	41.5	57.9	45.1	39.6	49.0	72.9
TiO2	0.22	0.33	0.51	0.36	0.34	0.54
Al2O3	14.15	3.87	7.02	1.81	4.24	11.70
Fe2O3	3.63	2.52	2.13	1.62	2.08	0.48
FeO	8.02	5.56	4.71	3.58	4.59	1.06
MnO	0.36	0.20	0.24	0.10	0.11	0.02
MgO	1.41	7.43	13.05	11.45	15.25	1.09
CaO	24.80	14.50	21.10	21.20	20.40	0.43
Na2O	0.65	1.08	0.12	0.10	0.09	2.83
K2O	0.36	0.55	1.09	0.21	0.88	3.52
P2O5	0.02	0.04	0.23	0.48	0.29	0.21
CO2	0.37	1.80	2.86	4.36	1.50	1.10
ZrO2	0.07	1.75	0.03	4.71	0.04	0.03
Nb2O5	0.07	0.26	0.01	2.37	0.01	0.01
Ta2O5	0.00	0.01	0.00	0.25	0.00	0.00
T_REO	1.35	0.32	0.03	0.73	0.14	0.02
Total	96.98	98.11	98.23	92.92	98.94	95.94
Quartz (Q)	-0.05	19.60	-0.02	-1.49	-0.03	43.68
Corundum(C)						5.50
Orthoclase(Or)		3.25	6.44	1.24	5.20	20.80
Albite(Ab)		9.14	0.56	0.85	0.76	23.95
Anorthite(An)	34.63	4.09	15.40	3.87	8.57	-6.19
Nepheline(Ne)	2.98		0.25			
Diopside(Di)	30.22	45.41	55.40	55.97	64.39	
Hypersthene(Hy)		4.61		6.96	7.87	3.41
Olivine(Ol)			9.13		4.34	
Magnetite(Mt)	5.24	3.58	3.09	1.71	3.01	0.69
Ilmenite(Il)	0.42	0.63	0.97	0.68	0.65	1.03
Apatite(Ap)	0.05	0.09	0.53	1.11	0.67	0.49
Acmite(Ac)						
Leucite(Lc)						
CaDiSilicate(Cs)	5.12					
Wollastonite(Wo)	14.32					
Hematite(Hm)						
Rutile(Ru)						
Calcite(Cc)	0.83	4.08	6.50	9.92	3.42	2.50
Columbite	0.09	0.33	0.01	3.01	0.01	0.01
Zircon	0.10	2.60	0.04	7.00	0.05	0.04
<b>Total</b>	<b>93.96</b>	<b>97.39</b>	<b>98.29</b>	<b>90.82</b>	<b>98.91</b>	<b>95.91</b>
Solidification Index	66.20	59.89	72.37	79.37	72.77	5.17
Differentiation Ind.	2.98	33.29	7.25	4.11	5.96	88.45
Color Index	35.91	54.29	68.59	65.96	80.26	5.13
Agpaitic Index	0.10	0.61	0.20	0.22	0.26	0.72

Sample	25831	25832	25888	25889	25890	25891
Rock	Skarn	Skarn	Aplite Dyke	Aplite Dyke	Aplite Dyke	Aplite Dyke
SiO2	41.2	39.9	74.0	65.2	64.8	62.0
TiO2	0.32	0.28	1.03	0.52	0.84	0.52
Al2O3	2.85	5.82	11.75	10.30	11.75	10.15
Fe2O3	1.46	1.49	0.30	1.41	1.13	2.21
FeO	3.23	3.30	0.66	3.12	2.51	4.88
MnO	0.08	0.13	0.06	0.09	0.09	0.14
MgO	12.00	13.45	0.94	3.84	4.02	1.45
CaO	27.30	25.70	1.42	4.39	2.90	5.77
Na2O	0.10	0.09	4.22	4.27	4.55	4.29
K2O	0.51	0.33	1.68	1.72	2.03	1.34
P2O5	1.68	0.23	0.10	0.07	0.02	0.04
CO2	6.71	8.61	1.72	1.98	2.27	4.62
ZrO2	0.04	0.02	0.40	0.44	0.49	0.51
Nb2O5	0.01	0.00	0.08	0.42	0.25	0.15
Ta2O5	0.00	0.00	0.01	0.01	0.01	0.01
T_REO	0.20	0.02	0.08	0.36	0.18	0.32
<b>Total</b>	<b>97.69</b>	<b>99.38</b>	<b>98.46</b>	<b>98.15</b>	<b>97.84</b>	<b>98.40</b>
Quartz (Q)	-0.03	-0.02	43.27	23.22	23.14	26.75
Corundum(C)			4.64		2.11	1.94
Orthoclase(Or)	3.01	1.95	9.93	10.16	12.00	7.92
Albite(Ab)	0.85	0.76	35.71	36.13	38.50	36.30
Anorthite(An)	5.82	14.50	-4.50	3.86	-0.11	-0.82
Nepheline(Ne)						
Diopside(Di)	60.33	45.11		4.00		
Hypersthene(Hy)	5.22	7.88	2.34	11.52	12.46	10.15
Olivine(Ol)	0.45	6.40				
Magnetite(Mt)	2.11	2.17	-0.02	1.94	1.58	3.16
Ilmenite(Il)	0.61	0.53	1.53	0.99	1.60	0.99
Apatite(Ap)	3.89	0.53	0.23	0.16	0.05	0.09
Acmite(Ac)						
Leucite(Lc)						
CaDiSilicate(Cs)						
Wollastonite(Wo)						
Hematite(Hm)			0.30			
Rutile(Ru)			0.23			
Calcite(Cc)	15.25	19.58	3.92	4.50	5.17	10.50
Columbite	0.02	0.00	0.10	0.53	0.32	0.19
Zircon	0.06	0.03	0.60	0.66	0.73	0.76
<b>Total</b>	<b>97.59</b>	<b>99.44</b>	<b>98.26</b>	<b>97.67</b>	<b>97.53</b>	<b>97.94</b>
Solidification Index	83.74	83.13	17.14	29.43	22.10	31.21
Differentiation Ind.	3.86	2.71	89.20	69.85	74.00	71.35
Color Index	68.72	62.09	4.17	18.55	15.70	14.34
Agpaitic Index	0.25	0.09	0.75	0.86	0.82	0.84

Sample	333101	333102	333103	333104	333105	333106
Rock	Skarn	Shale	Qz Aplite Dyke	Amphibolite Dyke	Skarn	Skarn
SiO2	38.1	25.4	68.1	45.2	45.5	44.5
TiO2	1.25	0.06	0.40	0.83	0.70	1.34
Al2O3	11.20	9.06	3.00	2.79	6.20	10.30
Fe2O3	2.12	3.41	2.70	2.01	2.61	2.51
FeO	4.69	7.53	5.96	4.44	5.78	5.54
MnO	0.19	0.13	0.12	0.12	0.11	0.20
MgO	16.10	27.60	4.47	12.10	10.85	8.86
CaO	17.25	6.99	6.86	18.50	17.55	19.95
Na2O	0.06	0.01	0.76	0.11	0.13	0.11
K2O	1.56	0.02	0.05	0.39	0.28	1.15
P2O5	0.56	<0.01	0.29	0.20	0.08	0.29
CO2	2.53	7.40	0.33	0.88	1.21	3.52
ZrO2	0.04	0.00	0.75	4.31	4.61	0.49
Nb2O5	0.05	0.06	0.47	0.72	0.44	0.12
Ta2O5	0.00	0.00	0.04	0.06	0.06	0.02
T_REO	0.03	0.01	1.59	0.72	0.34	0.41
<b>Total</b>	<b>95.73</b>	<b>87.68</b>	<b>95.89</b>	<b>93.38</b>	<b>96.46</b>	<b>99.32</b>
Quartz (Q)	-0.03	0.00	45.00	-0.25	0.25	1.64
Corundum(C)		13.47				
Orthoclase(Or)		0.12	0.30	2.30	1.65	6.80
Albite(Ab)		0.08	6.43	0.93	1.10	0.93
Anorthite(An)	25.68	-12.15	4.63	5.97	15.51	24.21
Nepheline(Ne)	0.28					
Diopside(Di)	19.71		20.86	62.62	50.68	40.49
Hypersthene(Hy)		25.59	9.20	5.94	10.39	9.05
Olivine(Ol)	25.52	38.60				
Magnetite(Mt)	3.07	4.92	3.78	2.72	3.67	3.60
Ilmenite(Il)	2.37	0.11	0.76	1.58	1.33	2.55
Apatite(Ap)	1.30	0.01	0.67	0.46	0.19	0.67
Acmite(Ac)						
Leucite(Lc)	7.23					
CaDiSilicate(Cs)	4.74					
Wollastonite(Wo)						
Hematite(Hm)						
Rutile(Ru)						
Calcite(Cc)	5.75	16.83	0.75	2.00	2.75	8.00
Columbite	0.06	0.08	0.59	0.91	0.56	0.16
Zircon	0.06	0.01	1.12	6.41	6.86	0.73
<b>Total</b>	<b>95.73</b>	<b>87.67</b>	<b>94.09</b>	<b>91.59</b>	<b>94.93</b>	<b>98.82</b>
Solidification Index	67.15	38.94	42.01	72.68	66.61	68.18
Differentiation Ind.	7.50	0.20	52.29	6.20	6.45	9.73
Color Index	50.68	69.24	34.72	73.05	66.19	55.72
Agpaitic Index	0.16	0.00	0.43	0.22	0.08	0.14

Sample	333107	333108	333109	333110	333111	333112
Rock	Skarn	Skarn	Carbonate	Skarn	Skarn	Skarn
SiO2	59.0	53.8	0.3	55.0	45.7	49.4
TiO2	0.40	0.47	<0.01	0.24	0.17	0.44
Al2O3	9.35	4.29	0.07	4.79	2.43	7.52
Fe2O3	3.15	3.24	1.70	2.65	3.83	4.41
FeO	6.96	7.16	3.75	5.86	8.45	9.75
MnO	0.40	0.19	0.31	0.17	0.08	0.30
MgO	4.26	11.00	17.40	5.69	7.32	6.41
CaO	8.11	16.35	30.70	17.50	17.20	14.90
Na2O	2.74	1.32	0.04	1.09	0.10	1.74
K2O	4.04	0.19	0.02	1.31	0.32	0.63
P2O5	0.04	0.07	0.02	0.02	0.19	0.16
CO2	1.80	0.95	47.27	5.97	3.37	0.62
ZrO2	0.09	0.53	0.00	0.14	2.35	0.02
Nb2O5	0.09	0.13	0.00	0.02	1.27	0.00
Ta2O5	0.00	0.00	0.00	0.00	0.11	0.00
T_REO	0.13	0.16	0.01	0.12	2.05	0.02
<b>Total</b>	<b>100.56</b>	<b>99.86</b>	<b>101.54</b>	<b>100.57</b>	<b>94.93</b>	<b>96.32</b>
Quartz (Q)	10.05	6.78	34.60	19.69	10.97	3.65
Corundum(C)			53.75			
Orthoclase(Or)	23.87	1.12	0.12	7.74	1.89	3.72
Albite(Ab)	23.18	11.17	0.25	9.22	0.85	14.72
Anorthite(An)	1.28	5.22	-146.66	4.31	5.24	10.85
Nepheline(Ne)						
Diopside(Di)	22.62	55.83		36.36	47.05	47.91
Hypersthene(Hy)	9.70	10.68	49.41	4.98	7.50	6.45
Olivine(Ol)						
Magnetite(Mt)	4.54	4.66	2.42	3.84	5.20	6.39
Ilmenite(Il)	0.76	0.89	0.01	0.46	0.32	0.84
Apatite(Ap)	0.09	0.16	0.05	0.05	0.44	0.37
Acmite(Ac)			0.08			
Leucite(Lc)						
CaDiSilicate(Cs)						
Wollastonite(Wo)						
Hematite(Hm)						
Rutile(Ru)						
Calcite(Cc)	4.08	2.17	107.51	13.58	7.67	1.42
Columbite	0.12	0.16	0.00	0.02	1.62	0.00
Zircon	0.14	0.79	0.00	0.21	3.49	0.03
<b>Total</b>	<b>100.44</b>	<b>99.64</b>	<b>101.53</b>	<b>100.46</b>	<b>92.23</b>	<b>96.35</b>
Solidification Index	32.44	57.85	84.80	61.59	57.53	47.41
Differentiation Ind.	57.18	19.47	34.97	36.76	15.46	22.11
Color Index	37.64	72.10	51.92	45.64	60.41	61.58
Agpaitic Index	0.95	0.55	1.25	0.67	0.21	0.47

Sample	333113	333114	333115	333116	333117	333118
Rock	Aplite Dyke	Aplite Dyke	Qz Aplite Dyke	Carbonate	Qz Aplite Dyke	Skarn
SiO2	60.2	64.5	54.3	69.5	59.8	47.7
TiO2	0.33	0.36	0.40	0.50	0.39	0.30
Al2O3	5.35	6.82	3.53	6.49	3.76	2.25
Fe2O3	3.51	3.29	4.37	0.65	3.02	1.48
FeO	7.76	7.26	9.65	1.43	6.66	3.27
MnO	0.20	0.16	0.24	0.07	0.17	0.05
MgO	2.99	0.62	2.68	3.29	2.75	17.40
CaO	9.06	4.69	14.05	5.70	13.20	13.30
Na2O	2.83	2.47	0.40	0.03	0.16	0.10
K2O	2.07	3.94	1.43	2.27	1.02	1.55
P2O5	0.48	0.04	0.12	0.14	0.20	<0.01
CO2	4.91	1.98	3.92	8.32	4.84	8.25
ZrO2	0.51	0.32	0.99	0.97	0.93	0.39
Nb2O5	0.04	0.37	0.30	0.36	0.95	0.58
Ta2O5	0.00	0.01	0.02	0.02	0.02	0.01
T_REO	0.16	0.45	1.09	0.34	1.31	0.13
<b>Total</b>	<b>100.40</b>	<b>97.27</b>	<b>97.48</b>	<b>100.07</b>	<b>99.18</b>	<b>96.75</b>
Quartz (Q)	24.48	27.81	25.13	65.27	37.21	9.80
Corundum(C)				13.23		
Orthoclase(Or)	12.23	23.28	8.45	13.41	6.03	9.16
Albite(Ab)	15.99	13.14	3.38	0.25	1.35	0.85
Anorthite(An)			3.61	-25.22	6.53	1.11
Nepheline(Ne)						
Diopside(Di)	9.09	9.19	34.37		22.66	9.79
Hypersthene(Hy)	16.03	9.01	3.13	9.59	4.93	43.14
Olivine(Ol)						
Magnetite(Mt)	1.57	1.24	6.25	0.84	4.11	1.99
Ilmenite(Il)	0.63	0.68	0.76	0.95	0.74	0.57
Apatite(Ap)	1.11	0.09	0.28	0.32	0.46	0.12
Acmite(Ac)	7.01	6.83				
Leucite(Lc)						
CaDiSilicate(Cs)						
Wollastonite(Wo)						
Hematite(Hm)						
Rutile(Ru)						
Calcite(Cc)	11.17	4.50	8.92	18.92	11.00	18.75
Columbite	0.05	0.47	0.38	0.46	1.21	0.73
Zircon	0.75	0.47	1.47	1.44	1.38	0.58
<b>Total</b>	<b>100.11</b>	<b>96.73</b>	<b>96.13</b>	<b>99.47</b>	<b>97.62</b>	<b>96.58</b>
Solidification Index	35.91	21.67	47.00	56.55	54.87	67.52
Differentiation Ind.	53.08	64.48	37.70	79.66	45.29	20.10
Color Index	34.34	27.06	44.59	11.48	32.70	55.64
Agpaitic Index	1.29	1.22	0.62	0.39	0.36	0.82

Sample	333119	333120	333121	333122	333123	333124
Rock	Hble Syenite	Hble Syenite	Syenite	Syenite	Carbonate	Syenite Dyke 2
SiO2	60.7	53.8	52.8	65.2	48.6	47.8
TiO2	0.63	1.06	0.44	0.46	0.42	0.73
Al2O3	16.00	21.00	18.20	16.30	4.88	3.92
Fe2O3	2.76	0.54	0.52	1.01	2.34	2.23
FeO	6.10	1.19	1.14	2.23	5.18	4.93
MnO	0.09	0.02	0.06	0.10	0.16	0.13
MgO	0.73	1.20	2.55	0.30	12.55	12.40
CaO	0.49	0.77	4.47	1.42	22.20	20.20
Na2O	3.96	5.00	3.83	7.02	0.13	0.15
K2O	6.62	4.59	3.47	1.62	0.19	0.41
P2O5	0.10	0.09	0.04	0.05	0.18	0.14
CO2	0.40	0.99	6.96	1.21	1.80	2.02
ZrO2	0.05	4.77	0.23	0.16	0.03	2.27
Nb2O5	0.02	0.89	0.07	0.04	0.01	0.51
Ta2O5	0.00	0.05	0.00	0.00	0.00	0.03
T_REO	0.05	0.58	0.13	0.11	0.50	0.34
Total	98.71	96.54	94.91	97.23	99.16	98.21
Quartz (Q)	7.87	3.09	22.33	16.78	1.41	1.73
Corundum(C)	2.60	8.91	16.24	3.34		
Orthoclase(Or)	39.12	27.13	20.51	9.57	1.12	2.42
Albite(Ab)	33.51	42.31	32.41	59.40	1.10	1.27
Anorthite(An)	-0.77	-3.02	-22.10	-0.93	12.17	8.81
Nepheline(Ne)						
Diopside(Di)					68.06	61.80
Hypersthene(Hy)	9.87	3.02	7.40	3.44	6.17	7.91
Olivine(Ol)						
Magnetite(Mt)	4.00	0.54	0.73	1.45	3.39	3.10
Ilmenite(Il)	1.20	2.01	0.84	0.87	0.80	1.39
Apatite(Ap)	0.23	0.21	0.09	0.12	0.42	0.32
Acmite(Ac)						
Leucite(Lc)						
CaDiSilicate(Cs)						
Wollastonite(Wo)						
Hematite(Hm)						
Rutile(Ru)						
Calcite(Cc)	0.92	2.25	15.83	2.75	4.08	4.58
Columbite	0.03	1.13	0.08	0.05	0.01	0.65
Zircon	0.08	7.09	0.35	0.23	0.04	3.38
<b>Total</b>	<b>98.65</b>	<b>94.67</b>	<b>94.72</b>	<b>97.08</b>	<b>98.77</b>	<b>97.36</b>
Solidification Index	2.46	6.37	33.29	10.67	73.90	72.34
Differentiation Ind.	80.54	76.09	75.42	85.87	3.65	7.12
Color Index	15.07	5.82	8.99	5.78	78.42	74.33
Agpaitic Index	0.86	0.63	0.55	0.82	0.09	0.18

Sample	333125	333126	333127	333128	334002	334004
Rock	Carbonate	Qz Aplite Dyke	Carbonate	Carbonate	Skarn	Qz Aplite Dyke
SiO2	49.3	71.2	42.0	63.6	49.5	68.6
TiO2	0.39	0.22	1.41	0.53	0.48	0.45
Al2O3	4.90	3.92	10.10	7.80	3.02	5.26
Fe2O3	2.38	2.38	1.79	1.73	2.18	2.14
FeO	5.26	5.26	3.96	3.81	4.83	4.73
MnO	0.15	0.07	0.14	0.18	0.15	0.13
MgO	14.45	2.01	10.75	4.94	13.00	1.69
CaO	21.00	5.89	19.10	12.00	22.00	7.52
Na2O	0.11	0.21	0.40	0.86	0.19	0.74
K2O	0.14	0.21	0.42	3.11	0.26	1.12
P2O5	0.18	0.20	0.31	0.11	0.07	0.01
CO2	1.32	0.59	1.83	1.10		
ZrO2	0.04	1.23	0.03	0.08	0.26	1.16
Nb2O5	0.01	0.25	0.03	0.01	0.31	0.40
Ta2O5	0.00	0.05	0.00	0.00	0.01	0.02
T_REO	0.04	1.54	0.03	0.03	0.10	0.68
Total	99.67	95.23	92.30	99.89	96.36	94.65
Quartz (Q)	0.08	54.66	-0.02	24.00	-0.06	43.98
Corundum(C)						
Orthoclase(Or)	0.83	1.24	2.48	18.38	1.54	6.62
Albite(Ab)	0.93	1.78	3.38	7.28	1.61	6.26
Anorthite(An)	12.46	9.13	24.52	8.24	6.62	7.72
Nepheline(Ne)						
Diopside(Di)	65.35	12.65	44.77	35.18	81.13	21.15
Hypersthene(Hy)	12.41	6.12	0.93	0.42	0.55	
Olivine(Ol)			6.05			
Magnetite(Mt)	3.45	3.38	2.59	2.50	3.08	2.99
Ilmenite(Il)	0.74	0.42	2.68	1.01	0.91	0.85
Apatite(Ap)	0.42	0.46	0.72	0.25	0.16	0.01
Acmite(Ac)						
Leucite(Lc)						
CaDiSilicate(Cs)						
Wollastonite(Wo)						1.82
Hematite(Hm)						
Rutile(Ru)						
Calcite(Cc)	3.00	1.33	4.17	2.50		
Columbite	0.01	0.32	0.04	0.01	0.40	0.51
Zircon	0.06	1.84	0.04	0.12	0.38	1.73
<b>Total</b>	<b>99.73</b>	<b>93.33</b>	<b>92.35</b>	<b>99.89</b>	<b>96.33</b>	<b>93.66</b>
Solidification Index	72.67	42.23	74.41	55.79	74.67	46.29
Differentiation Ind.	1.86	58.60	5.87	49.71	3.28	57.73
Color Index	81.95	22.63	57.02	39.11	85.76	25.11
Agpaitic Index	0.07	0.15	0.11	0.61	0.20	0.46

Sample	334016+3340	334017	334018	334019	334230	334231
Rock	Qz Aplite Dyke	Qz Aplite Dyke	Qz Aplite Dyke 2	Qz Aplite Dyke	Qz Aplite Dyke	Syenite
SiO2	65.5	66.8	75.2	56.2	80.6	67.0
TiO2	0.36	0.48	0.47	0.48	0.66	0.70
Al2O3	8.14	11.05	5.24	8.36	4.70	14.50
Fe2O3	3.35	1.13	0.67	4.07	1.11	0.82
FeO	7.39	2.49	1.49	8.98	2.45	1.82
MnO	0.32	0.16	0.11	0.33	0.03	0.10
MgO	1.33	2.00	2.11	1.31	0.54	0.24
CaO	3.26	3.98	4.43	7.66	0.70	3.08
Na2O	3.42	0.26	0.15	1.90	0.10	7.77
K2O	0.29	3.17	1.58	0.04	3.21	0.48
P2O5	0.25	0.12	0.23	0.12	0.18	0.18
CO2		5.17	5.90	6.12	1.06	2.35
ZrO2	0.56	0.52	0.52	0.42	1.53	0.08
Nb2O5	0.47	0.22	0.60	0.30	0.23	0.02
Ta2O5	0.01	0.01	0.01	0.01	0.02	0.00
T_REO	1.40	0.78	0.42	0.54	0.58	0.03
<b>Total</b>	<b>96.05</b>	<b>98.32</b>	<b>99.13</b>	<b>96.84</b>	<b>97.71</b>	<b>99.17</b>
Quartz (Q)	32.74	54.28	71.28	37.46	66.53	19.09
Corundum(C)		12.21	9.45	5.73	2.68	1.46
Orthoclase(Or)	1.71	18.73	9.34	0.24	18.97	2.84
Albite(Ab)	28.94	2.20	1.27	16.08	0.85	65.75
Anorthite(An)	6.00	-13.70	-16.82	-1.47	-4.42	-0.72
Nepheline(Ne)						
Diopside(Di)	7.34					
Hypersthene(Hy)	10.35	8.12	6.86	16.22	3.90	2.28
Olivine(Ol)						
Magnetite(Mt)	4.72	1.57	0.81	5.81	1.55	1.19
Ilmenite(Il)	0.68	0.91	0.89	0.91	1.25	1.33
Apatite(Ap)	0.58	0.28	0.53	0.28	0.42	0.42
Acmite(Ac)						
Leucite(Lc)						
CaDiSilicate(Cs)						
Wollastonite(Wo)						
Hematite(Hm)						
Rutile(Ru)						
Calcite(Cc)		11.75	13.42	13.92	2.42	5.33
Columbite	0.60	0.28	0.76	0.38	0.30	0.02
Zircon	0.83	0.77	0.78	0.63	2.27	0.12
<b>Total</b>	<b>94.50</b>	<b>97.40</b>	<b>98.56</b>	<b>96.18</b>	<b>96.71</b>	<b>99.11</b>
Solidification Index	18.41	36.11	53.26	33.82	9.24	22.05
Differentiation Ind.	63.81	75.59	82.28	54.09	87.49	87.74
Color Index	23.23	10.67	8.72	23.03	6.76	4.81
Agpaitic Index	0.73	0.35	0.37	0.38	0.77	0.92



Sample	334232
Rock	Syenite Dyke 2
SiO2	61.8
TiO2	0.88
Al2O3	14.95
Fe2O3	2.30
FeO	5.09
MnO	0.09
MgO	1.47
CaO	1.68
Na2O	5.12
K2O	4.12
P2O5	0.21
CO2	0.73
ZrO2	0.07
Nb2O5	0.01
Ta2O5	0.00
T_REO	0.06
Total	98.59
Quartz (Q)	10.20
Corundum(C)	1.21
Orthoclase(Or)	24.35
Albite(Ab)	43.32
Anorthite(An)	2.33
Nepheline(Ne)	
Diopside(Di)	
Hypersthene(Hy)	9.82
Olivine(Ol)	
Magnetite(Mt)	3.34
Ilmenite(Il)	1.67
Apatite(Ap)	0.49
Acmite(Ac)	
Leucite(Lc)	
CaDiSilicate(Cs)	
Wollastonite(Wo)	
Hematite(Hm)	
Rutile(Ru)	
Calcite(Cc)	1.67
Columbite	0.02
Zircon	0.10
<b>Total</b>	<b>98.51</b>
Solidification Index	9.17
Differentiation Ind.	77.92
Color Index	14.84
Agpaitic Index	0.86



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226 CARDINAL CR.  
SASKATOON SK S7L 6H8

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**CERTIFICATE WH10114702**

Project: True Blue  
P.O. No.:  
This report is for 6 Rock samples submitted to our lab in Whitehorse, YT, Canada on 17- AUG- 2010.  
The following have access to data associated with this certificate:  
STEW FUMERTON | JOHN PEARSON

**SAMPLE PREPARATION**

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

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
C- IRO7	Total Carbon (Leco)	LECO
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

To: GREAT WESTERN MINERALS GROUP  
ATTN: STEW FUMERTON  
226 CARDINAL CR.  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 2 (A - D)  
 Finalized Date: 6- SEP- 2010  
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**CERTIFICATE OF ANALYSIS WH10114702**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- MS81 Ag ppm	ME- MS81 Ba ppm	ME- MS81 Ce ppm	ME- MS81 Co ppm	ME- MS81 Cr ppm	ME- MS81 Cs ppm	ME- MS81 Cu ppm	ME- MS81 Dy ppm	ME- MS81 Er ppm	ME- MS81 Eu ppm	ME- MS81 Ga ppm	ME- MS81 Gd ppm	ME- MS81 Hf ppm	ME- MS81 Ho ppm
334230		0.63	3	2810	1925	14.8	10	0.43	51	96.6	56.1	9.07	27.7	106.5	234	19.85
334231		0.91	<1	241	96.0	0.7	10	0.28	6	9.67	5.66	1.36	26.5	9.41	14.8	1.99
334232		0.30	<1	1730	176.5	4.3	10	2.56	18	10.95	6.35	2.84	26.5	13.15	11.6	2.19
334017		5.72	3	508	2820	5.0	30	1.15	<5	90.0	54.5	12.30	70.9	123.5	78.5	18.30
334018		5.63	8	419	764	1.7	20	0.67	<5	156.0	83.0	9.43	32.8	167.5	76.6	30.8
334019		3.80	5	42.2	1745	1.4	10	0.17	<5	101.0	58.9	11.10	65.3	113.0	55.2	20.6



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Page: 2 - B  
 Total # Pages: 2 (A - D)  
 Finalized Date: 6- SEP- 2010  
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**CERTIFICATE OF ANALYSIS WH10114702**

Sample Description	Method Analyte Units LOR	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	
		La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.01	2	0.2	0.1	5	5	0.03	0.2	0.03	1	0.1	0.1	0.05	
334230		1090	6.61	<2	1640	657	62	47	210	57.1	114.5	7	36.6	143.0	16.60	237
334231		40.1	0.74	15	113.5	46.0	<5	<5	12.45	9.4	9.71	3	64.8	7.9	1.62	26.3
334232		94.0	0.84	2	97.6	73.5	<5	6	20.8	112.0	13.60	5	203	6.6	1.97	19.75
334017		1680	6.29	3	1525	892	20	<5	288	111.5	128.5	37	34.9	77.2	16.50	234
334018		218	7.87	30	4180	737	15	<5	152.5	55.5	186.0	6	30.6	97.4	27.4	938
334019		951	6.70	3	2080	631	19	6	199.0	1.7	111.5	93	130.5	109.5	17.60	409



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Page: 2 - C  
 Total # Pages: 2 (A - D)  
 Finalized Date: 6- SEP- 2010  
 Account: GRWEST

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**CERTIFICATE OF ANALYSIS WH10114702**

Sample Description	Method Analyte Units LOR	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06
		Tl ppm	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %
		0.5	0.01	0.05	5	1	0.5	0.03	5	2	0.01	0.01	0.01	0.01	0.01	0.01
334230		<0.5	7.74	104.0	54	8	555	46.1	54	9990	80.6	4.70	3.70	0.70	0.54	0.10
334231		<0.5	0.82	4.18	39	2	48.8	4.98	25	599	67.0	14.50	2.74	3.08	0.24	7.77
334232		<0.5	0.86	3.75	22	5	54.1	5.46	73	484	61.8	14.95	7.68	1.68	1.47	5.12
334017		<0.5	7.36	63.8	86	16	450	45.7	23	3820	66.8	11.05	3.75	3.98	2.00	0.26
334018		<0.5	10.75	226	58	42	893	61.8	27	3880	75.2	5.24	2.24	4.43	2.11	0.15
334019		<0.5	8.19	99.4	76	21	521	49.9	190	3120	56.2	8.36	13.55	7.66	1.31	1.90



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Page: 2 - D  
 Total # Pages: 2 (A - D)  
 Finalized Date: 6- SEP- 2010  
 Account: GRWEST

Project: True Blue

**CERTIFICATE OF ANALYSIS WH10114702**

Sample Description	Method Analyte Units LOR	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	OA- GRA05	TOT- ICP06	C- IR07
		K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total	C
		%	%	%	%	%	%	%	%	%	%
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
334230		3.21	<0.01	0.66	0.03	0.18	<0.01	0.34	1.79	96.6	0.29
334231		0.48	<0.01	0.70	0.10	0.18	0.01	0.03	3.08	99.9	0.64
334232		4.12	<0.01	0.88	0.09	0.21	0.02	0.20	1.08	99.3	0.20
334017		3.17	<0.01	0.48	0.16	0.12	<0.01	0.06	7.38	99.2	1.41
334018		1.58	<0.01	0.47	0.11	0.23	<0.01	0.05	6.49	98.3	1.61
334019		0.04	<0.01	0.48	0.33	0.12	0.01	<0.01	8.19	98.2	1.67



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To: GREAT WESTERN MINERALS GROUP  
226 CARDINAL CR.  
SASKATOON SK S7L 6H8

Page: 1  
Finalized Date: 3- SEP- 2010  
This copy reported on  
7- SEP- 2010  
Account: GRWEST

**CERTIFICATE VA10116302**

Project: True Blue  
P.O. No.:  
This report is for 84 Pulp samples submitted to our lab in Vancouver, BC, Canada on 19- AUG- 2010.

The following have access to data associated with this certificate:

STEW FUMERTON

JOHN PEARSON

**SAMPLE PREPARATION**

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

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES
C- IR07	Total Carbon (Leco)	LECO

To: GREAT WESTERN MINERALS GROUP  
ATTN: STEW FUMERTON  
226 CARDINAL CR.  
SASKATOON SK S7L 6H8

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 4 (A - D)  
 Finalized Date: 3-SEP-2010  
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Project: True Blue

**CERTIFICATE OF ANALYSIS VA10116302**

Sample Description	Method Analyte Units LOR	WEI- 21	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81
		Recvd Wt. kg	Ag ppm	Ba ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm
25701		0.26	<1	187.0	433	4.8	40	3.39	6	30.1	23.5	1.69	62.6	27.3	144.5	7.09
25751		0.24	<1	69.0	393	2.4	20	0.40	<5	36.5	26.5	1.41	35.6	30.3	63.0	8.36
25752		0.24	<1	112.5	413	1.8	10	0.38	<5	35.0	22.3	2.85	41.5	33.7	49.4	7.50
25753		0.26	<1	375	1020	1.5	<10	1.27	<5	70.2	39.3	6.24	42.5	80.7	41.7	14.35
25754		0.30	<1	601	615	2.5	20	0.52	<5	36.8	29.5	1.49	37.8	35.1	84.5	8.87
25755		0.12	<1	826	1320	2.3	<10	1.26	<5	81.3	68.9	4.92	36.3	81.3	363	20.4
25756		0.28	<1	229	511	1.5	<10	0.66	<5	32.4	22.5	1.31	34.2	32.9	64.1	7.16
25757		0.22	<1	199.0	557	2.0	10	0.67	<5	32.3	23.0	1.31	33.1	33.3	71.2	7.23
25758		0.32	<1	2400	59.4	<0.5	<10	0.51	<5	20.7	12.85	2.42	28.1	16.80	40.4	4.39
25759		0.06	<1	60.0	206	3.1	10	0.40	5	38.5	38.3	1.81	21.1	21.8	96.6	10.75
25760		0.12	<1	82.1	308	2.5	30	0.92	<5	36.5	26.6	1.91	32.4	27.7	87.8	8.47
25762		0.14	<1	157.0	457	0.8	<10	0.57	8	26.0	20.2	2.33	33.6	25.1	89.6	6.14
25763		0.22	<1	3230	713	1.6	10	2.67	<5	33.1	22.1	2.72	37.2	39.8	75.4	7.26
25764		0.24	<1	1655	695	5.6	<10	11.00	12	36.2	23.3	4.34	42.5	46.7	7.8	7.96
25765		0.22	<1	1480	138.5	7.4	10	8.36	<5	7.15	4.33	1.38	31.6	10.25	7.0	1.47
25766		0.30	<1	400	2630	2.2	<10	1.53	6	124.5	80.2	6.65	84.6	155.0	276	26.1
25767		0.30	<1	234	212	0.9	20	0.12	<5	22.8	14.35	2.48	37.2	24.0	29.8	4.84
25768		0.24	<1	1305	137.0	3.0	20	0.27	<5	17.50	10.55	1.99	35.8	18.05	23.6	3.70
25769		0.20	<1	943	219	0.8	<10	0.59	<5	19.95	12.15	2.74	45.6	20.6	25.2	4.02
25770		0.24	<1	444	96.5	0.5	<10	0.48	<5	16.90	10.60	1.42	41.9	15.30	30.2	3.48
25771		0.26	<1	1450	190.5	1.9	<10	0.65	19	19.45	11.25	2.58	53.2	20.0	22.9	3.79
25772		0.20	<1	597	113.5	2.2	<10	1.08	<5	17.90	11.35	2.20	43.0	15.65	26.5	3.78
25773		0.22	<1	496	415	1.4	<10	0.89	6	17.75	10.95	3.82	43.3	21.0	26.0	3.56
25774		0.20	<1	132.5	8.5	<0.5	90	0.25	<5	1.66	1.15	0.14	14.5	1.34	4.4	0.36
25775		0.24	<1	92.7	8.3	3.9	90	0.19	<5	1.34	0.86	0.20	13.6	1.27	4.9	0.29
25776		0.20	<1	93.1	455	1.1	<10	1.59	<5	44.7	27.3	5.41	49.0	42.3	71.7	9.03
25777		0.20	<1	146.5	135.5	3.6	<10	0.34	<5	2.72	1.68	1.28	34.7	5.56	7.0	0.52
25778		0.24	<1	170.5	6.0	0.6	60	0.37	<5	1.70	1.15	0.18	14.7	1.26	4.5	0.37
25779		0.22	<1	307	18.8	<0.5	90	0.58	<5	2.57	1.73	0.27	17.3	2.16	4.0	0.58
25780		0.22	<1	243	439	6.3	<10	2.22	33	19.20	10.95	4.10	49.3	23.6	26.7	3.68
25781		0.26	<1	727	573	1.6	<10	1.10	6	23.1	13.75	4.85	41.9	29.9	49.7	4.50
25782		0.18	<1	616	518	2.4	10	2.35	<5	26.4	15.85	5.36	62.9	29.6	45.5	5.27
25783		0.20	<1	565	256	3.5	<10	0.60	<5	16.10	9.75	3.58	42.8	17.60	27.1	3.22
25784		0.22	<1	495	316	1.9	<10	1.24	5	20.0	12.30	3.70	42.6	20.4	32.6	4.05
25801		0.22	<1	1630	201	11.3	<10	3.04	10	11.50	5.98	3.78	24.6	14.85	6.3	2.21
25802		0.22	<1	112.5	1110	2.6	<10	0.55	<5	32.2	16.90	2.49	38.9	50.0	37.1	5.87
25803		0.24	<1	1850	174.5	2.2	<10	3.10	<5	21.2	11.90	2.34	33.9	20.8	19.1	4.14
25804		0.22	<1	276	121.5	2.2	<10	0.66	24	7.17	4.35	0.92	31.2	7.96	18.2	1.44
25805		0.28	<1	233	1040	0.6	30	0.34	<5	6.44	3.95	3.29	12.9	25.6	7.2	1.12
25806		0.24	<1	704	2860	4.3	<10	1.87	10	98.4	51.9	6.56	101.0	139.5	195.5	17.90

Comments: Samples with high rare earth metals and/or Zr content will have low whole rock totals.





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Page: 2 - B  
 Total # Pages: 4 (A - D)  
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 Account: GRWEST

Project: True Blue

**CERTIFICATE OF ANALYSIS VA10116302**

Sample Description	Method Analyte Units LOR	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81
		La ppm	Lu ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm
		0.5	0.01	2	0.2	0.1	5	5	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05
25701		225	3.83	4	2160	145.0	57	59	46.8	40.2	26.1	51	108.0	141.0	4.40	100.5
25751		210	3.42	29	541	133.5	24	<5	41.7	19.1	26.7	36	45.0	40.3	5.33	121.0
25752		218	2.86	5	477	157.0	<5	<5	46.9	26.4	31.1	33	47.9	34.7	5.44	120.0
25753		496	2.92	10	289	417	<5	<5	121.0	52.6	77.1	7	73.5	24.5	11.75	178.5
25754		351	4.49	3	901	195.5	6	<5	64.8	68.4	32.7	25	34.2	65.6	5.41	152.0
25755		709	8.20	3	649	471	<5	<5	146.0	102.5	81.5	15	119.0	68.1	12.00	448
25756		281	3.40	<2	671	172.0	<5	<5	55.4	71.3	30.4	25	36.1	50.7	5.06	130.0
25757		302	3.33	4	751	181.0	<5	<5	59.0	50.6	31.9	38	38.6	53.9	5.07	176.5
25758		24.7	1.92	<2	247	35.1	<5	<5	8.23	212	12.70	20	189.5	29.0	3.13	100.5
25759		115.0	6.36	<2	869	76.7	<5	60	22.8	34.0	17.50	15	67.1	91.5	4.57	180.0
25760		165.5	3.41	<2	813	110.5	10	<5	34.1	65.0	22.9	10	90.3	70.1	5.12	227
25762		260	2.90	<2	549	141.5	<5	33	46.6	27.9	22.3	16	125.0	59.7	3.83	223
25763		355	2.55	<2	498	246	<5	7	79.4	265	38.4	12	137.5	55.1	5.47	199.5
25764		394	2.62	101	98.3	240	32	17	73.8	451	39.1	6	225	5.3	6.22	562
25765		73.8	0.57	6	110.5	55.2	10	<5	15.80	435	10.25	5	52.5	5.3	1.29	10.15
25766		1465	11.10	2	2410	904	<5	10	273	133.0	163.0	32	52.1	151.0	21.5	656
25767		69.4	1.84	<2	388	118.0	11	<5	31.3	10.3	23.9	9	70.8	20.2	3.68	46.1
25768		41.1	1.37	2	326	82.9	39	<5	20.9	62.4	17.50	7	154.0	18.4	2.81	51.2
25769		115.5	1.56	<2	329	101.0	5	<5	25.8	45.7	21.3	8	109.0	18.9	3.45	50.0
25770		27.6	1.42	<2	364	67.0	<5	9	15.50	21.4	15.45	6	257	17.1	2.79	41.7
25771		92.0	1.45	4	369	96.3	16	17	24.2	76.3	21.5	7	123.5	17.4	3.31	57.4
25772		51.0	1.59	2	342	65.6	57	84	15.95	58.7	16.80	8	147.5	19.2	2.81	36.9
25773		251	1.52	<2	311	141.5	<5	5	44.6	52.7	23.5	11	58.2	16.8	2.97	39.3
25774		4.5	0.22	<2	15.3	4.7	30	<5	1.15	27.9	1.11	1	42.0	1.0	0.26	9.49
25775		4.2	0.17	9	16.8	4.3	18	<5	1.06	18.5	1.06	1	73.4	1.1	0.21	13.65
25776		229	3.36	6	674	234	60	<5	60.2	32.2	47.3	4	40.0	49.0	7.13	93.0
25777		80.5	0.34	<2	89.0	45.1	6	<5	14.00	22.8	6.86	10	50.7	5.3	0.59	9.72
25778		3.0	0.20	2	14.8	3.4	30	<5	0.83	32.5	0.96	1	34.0	0.9	0.24	11.45
25779		9.7	0.28	3	15.2	9.3	36	<5	2.38	60.5	1.96	2	24.8	1.0	0.38	10.80
25780		252	1.57	7	327	157.0	14	<5	48.4	137.0	24.9	4	46.6	16.8	3.31	54.0
25781		317	1.79	5	309	197.5	<5	<5	63.3	98.4	32.3	22	63.1	24.1	4.09	31.9
25782		292	2.19	17	814	185.5	5	<5	57.0	135.5	32.9	9	50.3	41.4	4.47	91.7
25783		142.5	1.43	5	301	97.6	10	<5	28.6	54.3	19.40	40	60.1	17.3	2.66	44.0
25784		180.5	1.69	6	350	111.5	<5	<5	34.1	58.0	21.0	15	42.3	20.4	3.25	49.7
25801		109.5	0.64	<2	86.5	84.7	<5	6	23.3	87.3	16.15	4	570	4.8	2.12	6.74
25802		762	2.23	2	438	362	<5	<5	126.5	25.5	51.0	25	52.4	27.8	6.20	169.5
25803		79.1	1.44	3	257	96.9	5	<5	24.2	79.8	21.5	5	204	12.9	3.50	28.9
25804		64.9	0.65	<2	155.0	45.8	5	<5	13.55	30.3	8.50	8	128.0	7.8	1.21	17.10
25805		634	0.36	<2	72.8	317	<5	<5	104.0	23.2	38.3	2	39.9	4.6	1.89	43.2
25806		1530	7.54	8	2100	994	11	<5	298	175.0	161.0	46	28.3	118.5	18.55	537

Comments: Samples with high rare earth metals and/or Zr content will have low whole rock totals.



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Page: 2 - C  
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**CERTIFICATE OF ANALYSIS VA10116302**

Sample Description	Method Analyte Units LOR	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06
		Tl ppm	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %
25701		<0.5	3.90	84.3	<5	12	197.0	25.7	231	6870	57.7	16.90	7.23	3.02	0.39	8.26
25751		<0.5	4.12	26.5	<5	6	214	25.3	15	2500	66.5	14.55	3.83	1.38	0.16	7.91
25752		<0.5	3.40	19.00	<5	4	200.0	20.3	21	1480	63.0	12.30	10.50	1.75	0.26	6.35
25753		<0.5	4.89	13.55	5	5	333	24.0	28	1735	65.9	12.50	7.19	1.48	0.53	5.19
25754		<0.5	4.88	64.6	<5	4	224	30.8	20	3330	64.9	13.05	7.07	1.54	0.12	5.32
25755		<0.5	10.90	103.0	6	11	520	62.8	32	>10000	64.0	9.73	8.35	4.01	0.69	1.92
25756		<0.5	3.57	40.6	5	5	183.0	22.8	27	2410	70.1	12.35	5.14	0.85	0.27	5.88
25757		<0.5	3.60	39.3	<5	6	195.0	22.9	34	2450	70.9	10.90	6.44	0.91	0.19	5.43
25758		<0.5	1.98	13.25	7	3	114.5	12.45	9	1135	68.9	12.30	3.12	3.63	0.08	1.33
25759		<0.5	6.63	68.2	16	25	275	43.4	98	3050	75.1	11.10	1.32	0.62	0.31	6.19
25760		<0.5	4.08	64.0	<5	6	206	25.0	29	2510	74.2	10.80	2.16	1.12	0.45	5.83
25762		<0.5	3.21	81.7	6	12	141.5	20.3	21	2200	74.7	10.90	1.76	1.27	0.16	5.51
25763		<0.5	3.26	65.1	<5	3	184.5	18.80	47	2200	68.0	12.80	3.91	1.16	0.60	1.58
25764		<0.5	3.14	23.3	68	6	235	18.25	126	354	39.0	10.40	12.60	12.30	4.54	1.03
25765		<0.5	0.60	2.66	229	3	43.9	3.80	156	310	44.4	14.65	20.0	2.31	4.23	2.65
25766		<0.5	12.15	129.5	5	12	665	76.2	35	>10000	59.5	20.1	2.00	0.98	1.16	6.61
25767		<0.5	2.12	7.91	28	3	129.0	12.90	21	1250	65.7	17.15	1.78	2.81	2.37	8.91
25768		<0.5	1.56	4.56	31	3	97.2	9.52	65	994	58.4	15.45	2.79	5.16	5.50	4.45
25769		<0.5	1.73	10.50	20	3	103.0	10.85	17	1070	58.4	17.15	1.98	3.01	2.31	7.71
25770		<0.5	1.55	7.26	24	3	86.9	9.73	25	1375	59.9	17.10	1.26	2.66	2.88	8.06
25771		<0.5	1.60	12.25	12	4	102.0	10.00	171	1050	55.9	15.95	3.95	2.73	3.01	4.81
25772		<0.5	1.79	11.65	33	4	100.5	11.05	193	1020	58.8	16.50	3.26	2.02	3.76	5.94
25773		<0.5	1.63	8.05	8	7	95.3	10.30	35	1000	58.5	15.95	3.81	1.94	3.07	6.57
25774		<0.5	0.19	1.44	329	10	13.2	1.32	11	156	75.3	12.50	0.59	0.74	1.26	5.50
25775		<0.5	0.13	1.74	201	25	10.1	0.98	10	172	54.2	15.50	1.42	5.99	3.61	7.78
25776		<0.5	4.19	21.7	12	9	237	24.7	27	3020	50.2	16.75	3.77	1.96	8.49	6.57
25777		<0.5	0.28	1.39	14	4	15.7	2.03	7	280	61.7	17.50	2.12	1.99	1.07	9.15
25778		<0.5	0.19	2.17	263	7	11.7	1.27	17	160	73.7	11.65	1.02	0.78	2.16	4.42
25779		<0.5	0.27	1.77	355	9	20.0	1.78	12	145	73.4	12.55	1.06	0.54	2.03	3.67
25780		<0.5	1.63	10.75	11	8	94.6	10.85	34	1090	57.8	17.00	5.28	2.45	3.52	6.97
25781		<0.5	2.08	8.45	10	10	121.5	12.75	28	2030	57.9	16.60	7.48	1.87	1.50	6.57
25782		<0.5	2.45	21.8	12	16	135.0	15.65	29	1890	53.8	17.30	8.13	0.81	3.73	5.93
25783		<0.5	1.53	9.10	13	7	98.1	10.00	14	1130	55.8	16.00	6.01	4.63	1.59	6.98
25784		<0.5	1.88	10.30	7	10	108.0	11.90	27	1320	58.5	16.50	8.01	1.68	1.00	7.38
25801		<0.5	0.80	1.88	146	3	57.6	5.02	158	255	50.6	15.00	11.95	6.78	3.02	4.67
25802		<0.5	2.41	15.90	7	8	182.5	15.45	14	1380	71.2	14.80	1.64	0.47	0.19	7.32
25803		<0.5	1.72	6.02	20	3	111.5	10.00	56	759	61.5	14.80	6.19	2.47	1.32	6.16
25804		<0.5	0.72	3.89	16	17	38.2	4.67	33	797	64.6	17.20	2.17	0.37	0.51	8.65
25805		<0.5	0.46	2.76	11	3	30.6	2.80	13	321	85.6	5.93	1.44	0.29	0.20	2.63
25806		<0.5	7.82	74.5	13	16	391	50.7	39	8250	56.7	24.1	1.84	0.28	1.52	3.60

Comments: Samples with high rare earth metals and/or Zr content will have low whole rock totals.



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 226 CARDINAL CR.  
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Page: 2 - D  
 Total # Pages: 4 (A - D)  
 Finalized Date: 3- SEP- 2010  
 Account: GRWEST

Project: True Blue

**CERTIFICATE OF ANALYSIS VA10116302**

Sample Description	Method Analyte Units LOR	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	OA- GRA05	TOT- ICP06	C- IR07
		K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %	Total %	C %
25701		0.53	0.01	0.11	0.15	<0.01	0.01	0.02	3.49	97.8	0.72
25751		0.39	<0.01	0.42	0.08	0.02	0.01	0.01	2.89	98.2	0.25
25752		0.58	<0.01	0.45	0.14	0.03	0.01	0.01	2.69	98.1	0.43
25753		1.33	<0.01	0.38	0.07	0.05	0.01	0.04	3.07	97.7	0.45
25754		3.26	<0.01	0.41	0.10	0.04	<0.01	0.07	2.30	98.2	0.10
25755		2.89	<0.01	0.29	0.10	0.05	0.01	0.10	3.88	96.0	0.79
25756		1.02	<0.01	0.32	0.10	0.02	<0.01	0.03	2.20	98.3	0.16
25757		0.72	<0.01	0.47	0.13	0.01	<0.01	0.02	1.69	97.8	0.08
25758		8.17	<0.01	0.25	0.04	0.01	0.02	0.29	1.10	99.2	0.09
25759		0.27	<0.01	0.63	0.01	<0.01	0.01	0.01	1.59	97.2	0.29
25760		0.44	<0.01	0.22	0.03	<0.01	0.01	0.01	1.20	96.5	0.18
25762		0.92	<0.01	0.14	0.03	0.01	0.01	0.02	1.48	96.9	0.31
25763		8.13	<0.01	0.28	0.05	0.01	0.02	0.38	0.99	97.9	0.03
25764		6.01	<0.01	0.39	0.13	2.56	0.03	0.17	8.46	97.6	1.96
25765		6.69	<0.01	2.95	0.07	0.80	0.01	0.18	1.28	100.0	0.05
25766		3.56	<0.01	0.72	0.03	0.02	<0.01	0.04	2.95	97.7	0.32
25767		0.74	<0.01	0.63	0.02	0.37	0.01	0.03	0.49	101.0	0.06
25768		4.06	<0.01	0.47	0.03	0.25	0.02	0.15	2.16	98.9	0.20
25769		1.65	<0.01	0.23	0.05	0.10	0.01	0.11	5.07	97.8	1.22
25770		1.35	<0.01	0.32	0.01	0.13	0.03	0.05	2.38	96.1	0.40
25771		3.18	<0.01	0.27	0.03	0.05	0.01	0.17	6.90	97.0	1.49
25772		2.58	<0.01	0.33	0.02	0.06	0.02	0.07	4.27	97.6	0.60
25773		1.55	<0.01	0.33	0.03	0.06	0.01	0.06	4.75	96.6	0.83
25774		0.75	0.01	0.57	0.01	0.19	<0.01	0.01	1.39	98.8	0.22
25775		0.54	0.01	0.63	0.05	0.22	0.01	0.01	10.10	100.0	2.49
25776		0.57	<0.01	0.60	0.03	0.09	<0.01	0.01	6.78	95.8	0.91
25777		0.59	<0.01	0.23	0.02	0.07	0.01	0.02	3.16	97.6	0.83
25778		0.78	0.01	0.54	0.01	0.20	<0.01	0.02	2.58	97.9	0.26
25779		1.58	0.01	0.57	0.01	0.17	<0.01	0.03	2.50	98.1	0.18
25780		2.35	<0.01	0.35	0.03	0.05	0.01	0.03	5.14	101.0	1.02
25781		3.04	<0.01	0.39	0.04	0.03	0.01	0.09	2.83	98.4	0.60
25782		3.13	<0.01	0.33	0.01	0.07	0.01	0.07	3.48	96.8	0.46
25783		1.72	<0.01	0.34	0.10	0.04	0.01	0.06	6.20	99.5	1.57
25784		1.76	<0.01	0.37	0.06	0.06	<0.01	0.06	2.89	98.3	0.62
25801		1.83	<0.01	2.98	0.19	1.20	0.07	0.20	2.10	100.5	0.28
25802		0.59	<0.01	0.40	0.07	0.04	0.01	0.01	1.10	97.8	0.26
25803		3.00	<0.01	0.68	0.11	0.18	0.02	0.20	1.90	98.5	0.15
25804		0.64	<0.01	0.59	0.04	0.09	0.01	0.03	0.79	95.7	0.05
25805		0.56	0.01	0.19	0.02	0.03	0.01	0.03	-0.20	96.7	0.12
25806		6.52	<0.01	1.37	0.01	0.22	<0.01	0.09	3.05	99.3	0.10

Comments: Samples with high rare earth metals and/or Zr content will have low whole rock totals.



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Page: 3 - A  
 Total # Pages: 4 (A - D)  
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**CERTIFICATE OF ANALYSIS VA10116302**

Sample Description	Method Analyte Units LOR	WEI- 21	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81
		Recvd Wt. kg	Ag ppm	Ba ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm
25807		0.28	<1	664	5280	0.9	<10	2.44	136	126.0	92.1	10.05	125.0	229	338	26.4
25809		0.28	<1	832	50.3	1.5	<10	0.67	<5	5.73	3.53	0.60	34.8	5.29	28.2	1.14
25810		0.28	<1	562	138.0	0.5	10	0.10	<5	8.26	5.68	0.91	37.2	8.00	31.0	1.73
25811		0.32	<1	234	4630	3.2	<10	0.36	8	113.5	56.0	20.3	54.4	142.5	12.3	21.3
25825		0.26	<1	428	1075	3.1	10	0.18	<5	43.5	25.9	7.26	25.0	55.2	291	8.42
25826		0.26	<1	2400	88.4	13.0	60	0.83	<5	5.99	3.45	1.04	13.2	6.29	4.9	1.21
25827		0.26	<1	784	1045	6.3	<10	0.95	5	362	239	20.8	10.4	242	611	77.3
25828		0.24	<1	447	500	6.1	40	1.32	<5	11.65	6.43	5.05	9.8	17.50	6.9	2.27
25829		0.26	<1	384	68.2	1.8	10	0.19	8	5.38	3.29	0.84	4.2	5.67	13.7	1.08
25830		0.24	<1	2820	71.3	3.1	80	0.46	13	3.89	2.17	0.69	16.1	5.42	5.7	0.75
25831		0.32	<1	851	421	3.9	20	0.43	11	65.4	30.0	5.14	8.1	64.3	5.0	11.95
25832		0.24	<1	252	50.1	3.9	30	0.42	<5	3.58	1.94	0.75	14.3	3.72	4.5	0.68
25888		0.26	<1	412	159.0	0.6	130	0.44	<5	33.0	20.2	1.69	37.0	25.3	73.8	6.68
25889		0.22	<1	319	1020	3.8	100	3.47	5	99.6	55.2	8.49	43.9	94.8	73.0	19.25
25890		0.24	<1	385	507	3.9	160	3.84	<5	43.3	26.1	3.85	49.1	40.7	87.2	8.97
25891		0.28	<1	407	1010	3.2	10	1.80	6	65.4	38.2	7.81	49.7	69.5	81.4	12.80
333101		0.28	<1	2740	90.8	10.6	10	1.25	8	4.48	2.53	1.06	20.2	6.38	7.0	0.90
333102		0.20	<1	118.0	34.3	12.0	60	0.03	31	2.00	1.13	0.34	18.0	2.32	1.0	0.39
333103		0.24	1	98.5	4800	13.3	20	0.05	56	379	241	36.9	49.8	356	99.1	82.2
333104		0.22	<1	699	1750	6.1	20	0.68	<5	260	199.5	20.9	16.4	189.0	551	61.8
333105		0.18	<1	1195	732	10.5	20	0.42	46	99.4	103.0	17.60	20.0	70.5	611	26.7
333106		0.28	<1	909	1080	13.9	290	0.21	28	123.5	82.2	12.95	26.7	110.5	65.3	27.5
333107		0.26	<1	970	422	2.5	10	1.94	<5	15.80	9.38	2.60	53.6	22.9	16.0	3.16
333108		0.32	<1	548	495	6.0	10	0.06	18	30.7	18.25	6.68	20.5	36.2	98.1	6.22
333109		0.22	<1	29.1	46.2	1.8	<10	0.02	<5	1.03	0.72	0.26	0.6	1.70	0.2	0.23
333110		0.24	<1	478	421	2.3	10	1.26	9	10.90	6.66	4.66	24.1	19.55	25.9	2.25
333111		0.24	1	180.0	4220	7.7	10	0.64	50	738	437	79.6	35.9	669	253	157.5
333112		0.26	<1	302	29.6	37.9	60	0.47	10	5.64	2.90	0.93	9.2	5.14	4.1	1.07
333113		0.26	<1	286	566	2.3	30	1.46	<5	17.60	9.35	2.70	34.3	30.6	96.9	3.36
333114		0.26	<1	534	1515	0.8	<10	0.67	<5	55.4	29.5	8.83	58.3	84.7	50.9	10.70
333115		0.20	1	338	3900	5.9	30	0.61	<5	87.1	47.3	15.70	38.7	196.0	163.0	16.45
333116		0.30	<1	690	631	2.3	40	0.76	<5	174.0	110.0	7.09	20.6	123.5	161.5	38.2
333117		0.28	<1	976	2890	10.6	20	0.96	5	479	278	21.2	38.6	474	144.5	99.3
333118		0.24	<1	1160	148.0	2.4	20	4.13	<5	60.7	29.6	9.02	7.3	62.6	52.9	11.55
333119		0.24	<1	1910	157.5	3.2	10	3.34	<5	8.44	4.94	2.02	32.0	11.45	9.5	1.72
333120		0.26	<1	469	1390	0.6	<10	1.43	5	169.5	117.0	5.06	83.1	156.5	795	37.8
333121		0.30	<1	214	454	0.6	<10	0.76	<5	17.45	12.30	1.07	45.0	24.7	46.3	3.80
333122		0.20	<1	156.0	360	2.3	<10	0.81	6	12.55	7.09	1.29	33.2	22.8	26.3	2.37
333123		0.26	<1	483	1965	7.4	50	0.20	<5	29.7	16.35	19.95	14.1	70.1	5.5	5.63
333124		0.24	<1	659	1010	7.9	30	0.66	16	60.8	52.7	14.40	12.5	67.4	277	14.70

Comments: Samples with high rare earth metals and/or Zr content will have low whole rock totals.



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Page: 3 - B  
 Total # Pages: 4 (A - D)  
 Finalized Date: 3- SEP- 2010  
 Account: GRWEST

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**CERTIFICATE OF ANALYSIS VA10116302**

Sample Description	Method Analyte Units LOR	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81
		La ppm 0.5	Lu ppm 0.01	Mo ppm 2	Nb ppm 0.2	Nd ppm 0.1	Ni ppm 5	Pb ppm 5	Pr ppm 0.03	Rb ppm 0.2	Sm ppm 0.03	Sr ppm 1	Ta ppm 0.1	Tb ppm 0.01	Th ppm 0.05	
25807		2910	14.70	<2	2770	1880	<5	5	559	214	297	48	53.5	204	25.1	352
25809		24.3	0.73	<2	253	24.3	<5	18	6.36	31.8	5.53	4	724	14.0	0.90	39.0
25810		77.1	1.01	<2	291	45.0	<5	<5	14.20	15.4	8.55	7	849	17.5	1.36	72.9
25811		4400	4.18	<2	507	964	<5	5	364	9.2	118.5	21	263	10.3	19.20	16.75
25825		594	3.46	<2	1790	372	8	9	120.0	16.3	60.8	42	47.4	77.6	7.67	>1000
25826		46.8	0.36	<2	58.5	35.0	22	<5	10.20	51.8	6.48	26	64.2	2.8	1.00	5.74
25827		318	32.1	<2	>10000	778	<5	26	173.0	21.5	235	39	63.7	2070	51.5	>1000
25828		337	0.71	<2	35.9	129.5	6	<5	48.2	78.8	16.20	31	56.6	3.2	2.18	14.55
25829		40.0	0.40	<2	51.9	28.7	<5	13	7.89	23.8	5.78	13	188.5	5.9	0.90	22.9
25830		36.9	0.27	6	51.5	33.1	25	7	9.19	98.4	6.02	1	28.6	3.1	0.73	23.1
25831		166.0	2.18	<2	93.8	249	9	20	57.7	31.7	67.2	36	57.3	2.9	10.95	>1000
25832		29.0	0.23	<2	14.2	21.4	<5	7	6.13	21.8	4.02	26	96.4	1.5	0.58	18.95
25888		69.2	2.48	6	567	93.4	5	<5	22.6	55.7	24.8	3	55.7	88.0	4.88	388
25889		520	5.90	8	2930	418	16	15	121.0	96.8	92.3	20	243	77.6	16.00	>1000
25890		246	3.45	4	1745	206	13	24	59.6	114.5	42.0	17	271	76.2	6.84	>1000
25891		516	4.51	15	1065	391	8	12	119.0	77.6	73.5	32	232	54.8	10.85	290
333101		40.8	0.27	<2	315	37.4	13	33	11.05	136.0	6.15	27	49.4	10.5	0.90	123.0
333102		12.7	0.28	<2	421	12.7	31	<5	3.69	1.6	2.33	<1	22.3	11.3	0.37	79.1
333103		2950	28.4	2	3260	1560	11	<5	496	1.3	305	51	72.9	363	64.4	>1000
333104		696	33.7	<2	5030	787	7	7	231	32.7	168.0	26	41.6	513	39.5	>1000
333105		307	27.9	<2	3060	322	20	18	97.6	19.8	61.8	25	112.5	526	14.10	>1000
333106		564	10.20	<2	860	458	25	17	134.0	27.0	96.3	33	99.9	183.0	20.8	817
333107		256	1.39	3	648	145.0	<5	7	47.6	319	22.2	26	82.9	11.3	3.12	133.5
333108		309	2.77	<2	884	179.5	8	<5	56.7	5.9	33.1	69	56.7	39.5	5.71	296
333109		39.8	0.10	<2	2.0	11.5	<5	<5	4.16	1.3	1.45	<1	45.8	0.1	0.22	1.89
333110		244	0.98	<2	109.0	145.0	<5	<5	48.2	62.8	18.30	17	47.1	8.0	2.32	191.5
333111		1810	46.8	<2	8890	2290	<5	7	572	30.6	578	228	158.5	887	127.0	>1000
333112		21.7	0.41	39	20.9	15.0	24	<5	3.78	28.2	4.40	5	35.7	1.1	1.02	7.71
333113		347	1.17	<2	253	194.0	<5	<5	62.6	171.5	29.4	82	64.3	16.7	3.84	60.7
333114		908	3.00	2	2600	529	<5	27	172.0	243	82.9	95	84.5	54.3	11.45	653
333115		2450	5.88	<2	2090	1420	<5	24	422	133.5	201	67	59.5	178.5	21.3	223
333116		317	13.60	<2	2510	323	8	<5	85.5	69.2	93.2	7	40.0	125.5	27.2	339
333117		1225	28.7	5	6640	1790	6	11	417	55.8	467	11	55.9	181.0	85.0	880
333118		32.7	3.07	<2	4040	216	<5	7	36.9	160.0	71.3	33	58.4	74.9	11.25	681
333119		83.2	0.79	5	163.0	65.2	<5	<5	19.15	207	11.40	15	37.3	8.1	1.70	12.25
333120		635	18.60	<2	6210	885	<5	<5	214	183.5	191.5	45	28.5	382	28.3	790
333121		257	1.89	7	460	165.5	<5	<5	53.3	111.0	26.3	18	35.1	29.6	3.44	90.2
333122		204	1.12	7	296	141.5	<5	<5	43.4	64.4	24.2	8	23.0	15.0	2.91	45.3
333123		1045	1.31	<2	63.0	626	13	6	224	12.4	66.6	21	85.3	7.8	7.16	17.80
333124		466	11.75	<2	3600	411	5	5	130.0	31.1	65.0	24	56.6	236	10.50	856

Comments: Samples with high rare earth metals and/or Zr content will have low whole rock totals.



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Page: 3 - C  
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Sample Description	Method Analyte Units LOR	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06
		TI ppm 0.5	Tm ppm 0.01	U ppm 0.05	V ppm 5	W ppm 1	Y ppm 0.5	Yb ppm 0.03	Zn ppm 5	Zr ppm 2	SiO2 % 0.01	Al2O3 % 0.01	Fe2O3 % 0.01	CaO % 0.01	MgO % 0.01	Na2O % 0.01
25807		<0.5	15.40	79.9	11	20	681	101.5	144	>10000	47.3	21.9	4.91	1.52	1.65	2.66
25809		<0.5	0.59	3.81	10	2	31.6	4.27	60	1160	55.9	19.80	2.98	7.60	0.37	6.59
25810		<0.5	0.93	3.71	9	2	50.4	6.49	20	1380	57.1	20.7	3.34	7.24	0.16	6.74
25811		<0.5	7.02	10.50	13	4	553	36.4	47	497	41.5	14.15	12.10	24.8	1.41	0.65
25825		<0.5	3.85	193.5	53	4	301	24.8	107	>10000	57.9	3.87	8.39	14.50	7.43	1.08
25826		<0.5	0.48	0.62	93	2	33.4	2.68	414	200	45.1	7.02	7.11	21.1	13.05	0.12
25827		<0.5	38.4	>1000	57	87	2190	237	86	>10000	39.6	1.81	5.40	21.2	11.45	0.10
25828		<0.5	0.89	8.95	75	2	65.6	5.34	171	267	49.0	4.24	6.92	20.4	15.25	0.09
25829		<0.5	0.46	4.61	32	2	32.8	2.91	45	514	17.45	1.76	2.22	43.9	4.87	0.11
25830		<0.5	0.31	3.56	305	7	22.6	1.83	44	207	72.9	11.70	1.60	0.43	1.09	2.83
25831		<0.5	3.54	895	55	3	492	17.95	52	275	41.2	2.85	4.87	27.3	12.00	0.10
25832		<0.5	0.26	1.01	58	2	20.6	1.70	155	165	39.9	5.82	4.98	25.7	13.45	0.09
25888		<0.5	2.93	23.3	264	12	206	18.40	29	2970	74.0	11.75	1.00	1.42	0.94	4.22
25889		<0.5	7.81	168.0	356	35	513	45.6	128	3280	65.2	10.30	4.71	4.39	3.84	4.27
25890		<0.5	3.97	246	566	14	269	24.5	123	3630	64.8	11.75	3.78	2.90	4.02	4.55
25891		<0.5	5.72	43.2	45	16	357	34.0	120	3790	62.0	10.15	7.36	5.77	1.45	4.29
333101		<0.5	0.34	197.0	115	3	25.6	1.88	859	284	38.1	11.20	7.08	17.25	16.10	0.06
333102		<0.5	0.19	201	37	3	11.4	1.40	608	37	25.4	9.06	11.35	6.99	27.6	0.01
333103		<0.5	35.8	146.0	6	21	1870	211	125	5560	68.1	3.00	8.99	6.86	4.47	0.76
333104		<0.5	33.2	590	49	35	1330	221	199	>10000	45.2	2.79	6.70	18.50	12.10	0.11
333105		<0.5	21.1	487	57	11	822	161.5	153	>10000	45.5	6.20	8.71	17.55	10.85	0.13
333106		<0.5	12.30	164.0	117	5	667	73.0	1050	3630	44.5	10.30	8.36	19.95	8.86	0.11
333107		<0.5	1.38	34.1	23	3	99.6	9.07	358	692	59.0	9.35	10.50	8.11	4.26	2.74
333108		<0.5	2.74	85.1	33	6	190.0	18.10	104	3950	53.8	4.29	10.80	16.35	11.00	1.32
333109		<0.5	0.10	0.86	<5	1	8.1	0.72	10	10	0.25	0.07	5.65	30.7	17.40	0.04
333110		<0.5	1.00	16.95	30	2	65.4	6.23	77	1040	55.0	4.79	8.84	17.50	5.69	1.09
333111		<0.5	63.3	548	19	113	4980	361	53	>10000	45.7	2.43	12.75	17.20	7.32	0.10
333112		<0.5	0.42	1.12	61	2	33.3	2.68	95	158	49.4	7.52	14.70	14.90	6.41	1.74
333113		<0.5	1.25	12.80	28	3	116.0	7.65	136	3750	60.2	5.35	11.70	9.06	2.99	2.83
333114		<0.5	3.86	122.5	14	3	363	22.4	818	2360	64.5	6.82	10.95	4.69	0.62	2.47
333115		<0.5	6.18	94.4	23	6	441	39.9	237	7300	54.3	3.53	14.55	14.05	2.68	0.40
333116		<0.5	16.55	196.0	220	16	769	99.8	23	7170	69.5	6.49	2.16	5.70	3.29	0.03
333117		<0.5	39.4	321	18	66	2520	223	69	6890	59.8	3.76	10.05	13.20	2.75	0.16
333118		<0.5	3.95	217	29	24	328	22.7	101	2910	47.7	2.25	4.93	13.30	17.40	0.10
333119		<0.5	0.73	3.02	<5	7	43.0	4.79	61	384	60.7	16.00	9.20	0.49	0.73	3.96
333120		<0.5	18.50	135.5	<5	42	941	119.5	46	>10000	53.8	21.0	1.80	0.77	1.20	5.00
333121		<0.5	1.94	14.10	<5	5	98.0	13.05	20	1720	52.8	18.20	1.72	4.47	2.55	3.83
333122		<0.5	1.06	10.30	<5	5	62.6	7.40	28	1160	65.2	16.30	3.37	1.42	0.30	7.02
333123		<0.5	1.87	41.0	93	2	149.5	10.15	158	213	48.6	4.88	7.81	22.2	12.55	0.13
333124		<0.5	9.59	380	54	13	440	70.0	140	>10000	47.8	3.92	7.44	20.2	12.40	0.15

Comments: Samples with high rare earth metals and/or Zr content will have low whole rock totals.



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Page: 3 - D  
 Total # Pages: 4 (A - D)  
 Finalized Date: 3-SEP-2010  
 Account: GRWEST

Project: True Blue

**CERTIFICATE OF ANALYSIS VA10116302**

Sample Description	Method Analyte Units LOR	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06	C-IR07
		K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %	Total %	C %
25807		6.59	<0.01	1.80	0.06	0.01	<0.01	0.07	5.05	93.5	0.68
25809		1.42	<0.01	0.24	0.08	0.06	0.08	0.10	2.29	97.5	0.59
25810		1.02	<0.01	0.18	0.10	0.01	0.10	0.06	0.00	96.8	0.04
25811		0.36	<0.01	0.22	0.36	0.02	0.03	0.03	0.10	95.7	0.10
25825		0.55	<0.01	0.33	0.20	0.04	<0.01	0.05	1.69	96.0	0.49
25826		1.09	0.01	0.51	0.24	0.23	0.01	0.28	4.08	100.0	0.78
25827		0.21	<0.01	0.36	0.10	0.48	<0.01	0.08	5.59	86.4	1.19
25828		0.88	0.01	0.34	0.11	0.29	0.01	0.05	3.00	100.5	0.41
25829		0.38	<0.01	0.17	0.08	0.02	0.02	0.04	30.5	101.5	8.38
25830		3.52	0.01	0.54	0.02	0.21	<0.01	0.35	2.30	97.5	0.30
25831		0.51	<0.01	0.32	0.08	1.68	0.01	0.10	7.49	98.5	1.83
25832		0.33	0.01	0.28	0.13	0.23	0.01	0.03	10.30	101.5	2.35
25888		1.68	0.02	1.03	0.06	0.10	0.01	0.05	3.10	99.4	0.47
25889		1.72	0.01	0.52	0.09	0.07	0.02	0.04	3.30	98.5	0.54
25890		2.03	0.02	0.84	0.09	0.02	0.03	0.04	3.40	98.3	0.62
25891		1.34	<0.01	0.52	0.14	0.04	0.02	0.05	6.81	99.9	1.26
333101		1.56	<0.01	1.25	0.19	0.56	<0.01	0.34	6.89	100.5	0.69
333102		0.02	0.01	0.06	0.13	<0.01	<0.01	0.01	17.10	97.7	2.02
333103		0.05	<0.01	0.40	0.12	0.29	0.02	0.01	3.00	96.1	0.09
333104		0.39	<0.01	0.83	0.12	0.20	0.01	0.07	1.90	88.9	0.24
333105		0.28	<0.01	0.70	0.11	0.08	0.02	0.14	2.76	93.0	0.33
333106		1.15	0.04	1.34	0.20	0.29	0.01	0.11	5.90	101.0	0.96
333107		4.04	<0.01	0.40	0.40	0.04	0.01	0.12	2.10	101.0	0.49
333108		0.19	<0.01	0.47	0.19	0.07	<0.01	0.07	1.00	99.6	0.26
333109		0.02	<0.01	<0.01	0.31	0.02	<0.01	<0.01	45.7	100.0	12.90
333110		1.31	<0.01	0.24	0.17	0.02	<0.01	0.06	6.39	101.0	1.63
333111		0.32	<0.01	0.17	0.08	0.19	0.02	0.02	4.90	91.2	0.92
333112		0.63	0.01	0.44	0.30	0.16	<0.01	0.04	1.20	97.5	0.17
333113		2.07	<0.01	0.33	0.20	0.48	0.01	0.03	5.40	100.5	1.34
333114		3.94	<0.01	0.36	0.16	0.04	0.01	0.07	3.29	97.9	0.54
333115		1.43	<0.01	0.40	0.24	0.12	0.02	0.03	4.20	96.0	1.07
333116		2.27	0.01	0.50	0.07	0.14	<0.01	0.09	9.50	99.8	2.27
333117		1.02	<0.01	0.39	0.17	0.20	<0.01	0.12	5.69	97.3	1.32
333118		1.55	<0.01	0.30	0.05	<0.01	<0.01	0.14	10.80	98.5	2.25
333119		6.62	<0.01	0.63	0.09	0.10	<0.01	0.24	1.50	100.5	0.11
333120		4.59	<0.01	1.06	0.02	0.09	<0.01	0.05	2.70	92.1	0.27
333121		3.47	<0.01	0.44	0.06	0.04	<0.01	0.03	8.78	96.4	1.90
333122		1.62	<0.01	0.46	0.10	0.05	<0.01	0.02	2.80	98.7	0.33
333123		0.19	0.01	0.42	0.16	0.18	0.01	0.05	2.70	99.9	0.49
333124		0.41	<0.01	0.73	0.13	0.14	<0.01	0.08	3.10	96.5	0.55

Comments: Samples with high rare earth metals and/or Zr content will have low whole rock totals.



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To: GREAT WESTERN MINERALS GROUP  
 226 CARDINAL CR.  
 SASKATOON SK S7L 6H8

Page: 4 - A  
 Total # Pages: 4 (A - D)  
 Finalized Date: 3- SEP- 2010  
 Account: GRWEST

Project: True Blue

**CERTIFICATE OF ANALYSIS VA10116302**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- MS81 Ag ppm	ME- MS81 Ba ppm	ME- MS81 Ce ppm	ME- MS81 Co ppm	ME- MS81 Cr ppm	ME- MS81 Cs ppm	ME- MS81 Cu ppm	ME- MS81 Dy ppm	ME- MS81 Er ppm	ME- MS81 Eu ppm	ME- MS81 Ga ppm	ME- MS81 Gd ppm	ME- MS81 Hf ppm	ME- MS81 Ho ppm
		0.02	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1	0.05	0.2	0.01
333125		0.26	<1	148.5	124.0	6.7	50	0.24	<5	5.21	3.02	1.78	6.9	7.48	6.8	1.05
333126		0.22	<1	484	4900	2.5	<10	0.27	42	305	157.0	42.7	52.6	393	176.5	57.6
333127		0.26	<1	1230	77.9	11.0	400	0.24	5	6.52	3.55	1.57	21.1	6.49	4.7	1.31
333128		0.30	<1	4390	113.0	9.1	70	0.17	20	5.40	3.46	1.49	13.1	7.07	15.1	1.15

Comments: Samples with high rare earth metals and/or Zr content will have low whole rock totals.





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Page: 4 - B  
 Total # Pages: 4 (A - D)  
 Finalized Date: 3- SEP- 2010  
 Account: GRWEST

Project: True Blue

**CERTIFICATE OF ANALYSIS VA10116302**

Sample Description	Method Analyte Units LOR	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	
		La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.01	2	0.2	0.1	5	5	0.03	0.2	0.03	1	0.1	0.1	0.05	
333125		61.9	0.39	<2	41.6	49.5	7	<5	15.35	9.8	7.95	27	17.1	4.0	1.10	31.8
333126		2550	17.90	<2	1775	2060	<5	<5	579	13.2	394	116	126.5	382	60.5	>1000
333127		39.2	0.35	<2	213	32.3	20	13	9.55	17.9	6.01	29	117.5	6.6	1.11	31.8
333128		55.2	0.55	3	40.0	44.9	23	12	13.00	80.0	7.92	11	47.4	2.6	1.05	17.55

Comments: Samples with high rare earth metals and/or Zr content will have low whole rock totals.



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Page: 4 - C  
 Total # Pages: 4 (A - D)  
 Finalized Date: 3- SEP- 2010  
 Account: GRWEST

Project: True Blue

**CERTIFICATE OF ANALYSIS VA10116302**

Sample Description	Method Analyte Units LOR	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06
		Tl	Tm	U	V	W	Y	Yb	Zn	Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
		0.5	0.01	0.05	5	1	0.5	0.03	5	2	0.01	0.01	0.01	0.01	0.01	0.01
333125		<0.5	0.44	3.53	78	3	32.2	2.54	151	287	49.3	4.90	7.94	21.0	14.45	0.11
333126		<0.5	21.7	67.4	52	22	1425	130.5	52	9140	71.2	3.92	7.93	5.89	2.01	0.21
333127		<0.5	0.46	85.7	138	3	39.3	2.59	1050	201	42.0	10.10	5.97	19.10	10.75	0.40
333128		<0.5	0.53	3.18	135	3	31.2	3.44	104	609	63.6	7.80	5.75	12.00	4.94	0.86

Comments: Samples with high rare earth metals and/or Zr content will have low whole rock totals.



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Page: 4 - D  
 Total # Pages: 4 (A - D)  
 Finalized Date: 3- SEP- 2010  
 Account: GRWEST

Project: True Blue

**CERTIFICATE OF ANALYSIS VA10116302**

Sample Description	Method Analyte Units LOR	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	OA- GRA05	TOT- ICP06	C- IR07
		K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %	Total %	C %
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
333125		0.14	0.01	0.39	0.15	0.18	<0.01	0.02	2.40	101.0	0.36
333126		0.21	<0.01	0.22	0.07	0.20	0.03	0.05	3.10	95.0	0.16
333127		0.42	0.05	1.41	0.14	0.31	0.02	0.13	4.30	95.1	0.50
333128		3.11	0.01	0.53	0.18	0.11	<0.01	0.55	1.98	101.5	0.30

Comments: Samples with high rare earth metals and/or Zr content will have low whole rock totals.



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Page: 1  
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**CERTIFICATE WH10114702**

Project: True Blue  
 P.O. No.:  
 This report is for 6 Rock samples submitted to our lab in Whitehorse, YT, Canada on 17- AUG- 2010.  
 The following have access to data associated with this certificate:  
 STEW FUMERTON                      JOHN PEARSON

**SAMPLE PREPARATION**

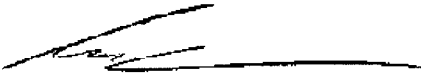
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
C- IR07	Total Carbon (Leco)	LECO
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

To: GREAT WESTERN MINERALS GROUP  
 ATTN: STEW FUMERTON  
 226 CARDINAL CR.  
 SASKATOON SK S7L 6H8

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 2 (A - D)  
 Finalized Date: 6- SEP- 2010  
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**CERTIFICATE OF ANALYSIS WH10114702**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- MS81 Ag ppm	ME- MS81 Ba ppm	ME- MS81 Ce ppm	ME- MS81 Co ppm	ME- MS81 Cr ppm	ME- MS81 Cs ppm	ME- MS81 Cu ppm	ME- MS81 Dy ppm	ME- MS81 Er ppm	ME- MS81 Eu ppm	ME- MS81 Ga ppm	ME- MS81 Gd ppm	ME- MS81 Hf ppm	ME- MS81 Ho ppm
		0.02	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1	0.05	0.2	0.01
334230		0.63	3	2810	1925	14.8	10	0.43	51	96.6	56.1	9.07	27.7	106.5	234	19.85
334231		0.91	<1	241	96.0	0.7	10	0.28	6	9.67	5.66	1.36	26.5	9.41	14.8	1.99
334232		0.30	<1	1730	176.5	4.3	10	2.56	18	10.95	6.35	2.84	26.5	13.15	11.6	2.19
334017		5.72	3	508	2820	5.0	30	1.15	<5	90.0	54.5	12.30	70.9	123.5	78.5	18.30
334018		5.63	8	419	764	1.7	20	0.67	<5	156.0	83.0	9.43	32.8	167.5	76.6	30.8
334019		3.80	5	42.2	1745	1.4	10	0.17	<5	101.0	58.9	11.10	65.3	113.0	55.2	20.6



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To: GREAT WESTERN MINERALS GROUP  
 226 CARDINAL CR.  
 SASKATOON SK S7L 6H8

Page: 2 - B  
 Total # Pages: 2 (A - D)  
 Finalized Date: 6- SEP- 2010  
 Account: GRWEST

Project: True Blue

**CERTIFICATE OF ANALYSIS WH10114702**

Sample Description	Method Analyte Units LOR	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	
		La ppm 0.5	Lu ppm 0.01	Mo ppm 2	Nb ppm 0.2	Nd ppm 0.1	Ni ppm 5	Pb ppm 5	Pr ppm 0.03	Rb ppm 0.2	Sm ppm 0.03	Sn ppm 1	Sr ppm 0.1	Ta ppm 0.1	Tb ppm 0.01	Th ppm 0.05
334230		1090	6.61	<2	1640	657	62	47	210	57.1	114.5	7	36.6	143.0	16.60	237
334231		40.1	0.74	15	113.5	46.0	<5	<5	12.45	9.4	9.71	3	64.8	7.9	1.62	26.3
334232		94.0	0.84	2	97.6	73.5	<5	6	20.8	112.0	13.60	5	203	6.6	1.97	19.75
334017		1680	6.29	3	1525	892	20	<5	288	111.5	128.5	37	34.9	77.2	16.50	234
334018		218	7.87	30	4180	737	15	<5	152.5	55.5	186.0	6	30.6	97.4	27.4	938
334019		951	6.70	3	2080	631	19	6	199.0	1.7	111.5	93	130.5	109.5	17.60	409



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Page: 2 - C  
 Total # Pages: 2 (A - D)  
 Finalized Date: 6- SEP- 2010  
 Account: GRWEST

Project: True Blue

**CERTIFICATE OF ANALYSIS WH10114702**

Sample Description	Method Analyte Units LOR	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06
		Tl ppm 0.5	Tm ppm 0.01	U ppm 0.05	V ppm 5	W ppm 1	Y ppm 0.5	Yb ppm 0.03	Zn ppm 5	Zr ppm 2	SiO2 % 0.01	Al2O3 % 0.01	Fe2O3 % 0.01	CaO % 0.01	MgO % 0.01	Na2O % 0.01
334230		<0.5	7.74	104.0	54	8	555	46.1	54	9990	80.6	4.70	3.70	0.70	0.54	0.10
334231		<0.5	0.82	4.18	39	2	48.8	4.98	25	599	67.0	14.50	2.74	3.08	0.24	7.77
334232		<0.5	0.86	3.75	22	5	54.1	5.46	73	484	61.8	14.95	7.68	1.68	1.47	5.12
334017		<0.5	7.36	63.8	86	16	450	45.7	23	3820	66.8	11.05	3.75	3.98	2.00	0.26
334018		<0.5	10.75	226	58	42	893	61.8	27	3880	75.2	5.24	2.24	4.43	2.11	0.15
334019		<0.5	8.19	99.4	76	21	521	49.9	190	3120	56.2	8.36	13.55	7.66	1.31	1.90



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Page: 2 - D  
 Total # Pages: 2 (A - D)  
 Finalized Date: 6- SEP- 2010  
 Account: GRWEST

Project: True Blue

**CERTIFICATE OF ANALYSIS WH10114702**

Sample Description	Method Analyte Units LOR	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	OA- GRA05	TOT- ICP06	C- IR07
		K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %	Total %	C %
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
334230		3.21	<0.01	0.66	0.03	0.18	<0.01	0.34	1.79	96.6	0.29
334231		0.48	<0.01	0.70	0.10	0.18	0.01	0.03	3.08	99.9	0.64
334232		4.12	<0.01	0.88	0.09	0.21	0.02	0.20	1.08	99.3	0.20
334017		3.17	<0.01	0.48	0.16	0.12	<0.01	0.06	7.38	99.2	1.41
334018		1.58	<0.01	0.47	0.11	0.23	<0.01	0.05	6.49	98.3	1.61
334019		0.04	<0.01	0.48	0.33	0.12	0.01	<0.01	8.19	98.2	1.67



Acme Analytical Laboratories Ltd  
1020 Cordova Street East, Vancouver BC  
Canada V6A 4A3

Phone 604 253 3158  
Fax 604 253 1716



John Pearson  
Great Western Minerals Group  
226 Cardinal Crescent  
Saskatoon, Saskatchewan  
S7L 6H8

21 July, 2010

Dear John:            **RE: True Blue Sample 025808 / Acme Job WHI10000070**

One sample was received for x-ray diffraction determination. The results are as follows:

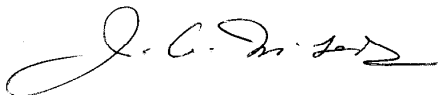
**SAMPLE 025808** contains:

- 1) Mainly grossular garnet
- 2) Minor mica
- 3) Minor augite
- 4) Possible minor kaolinite

Attached is the x-ray trace, mineral match and the raw data.

Feel free to contact me if you have any further queries.

Regards,



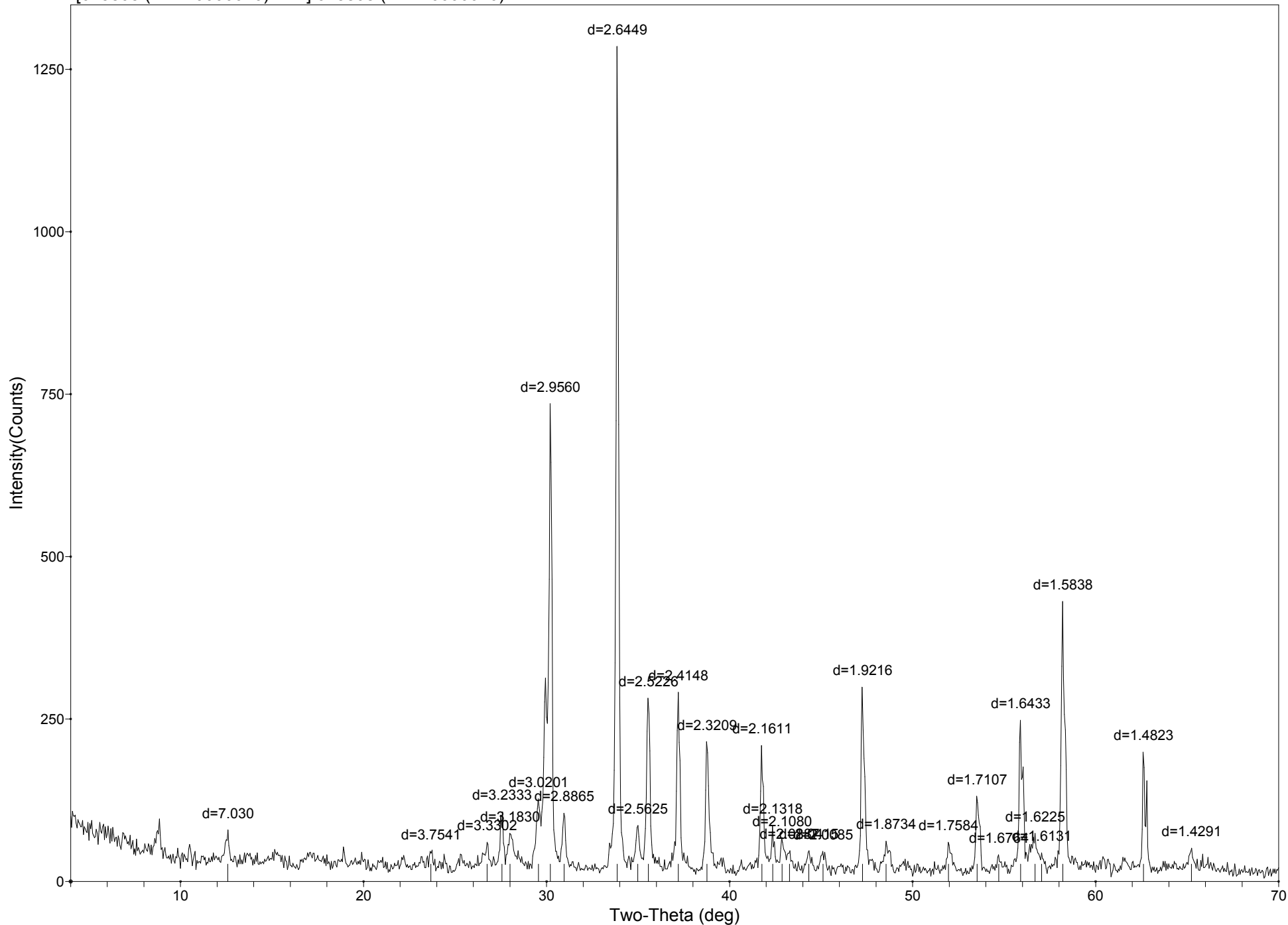
J.A. McLeod

JAM/skw

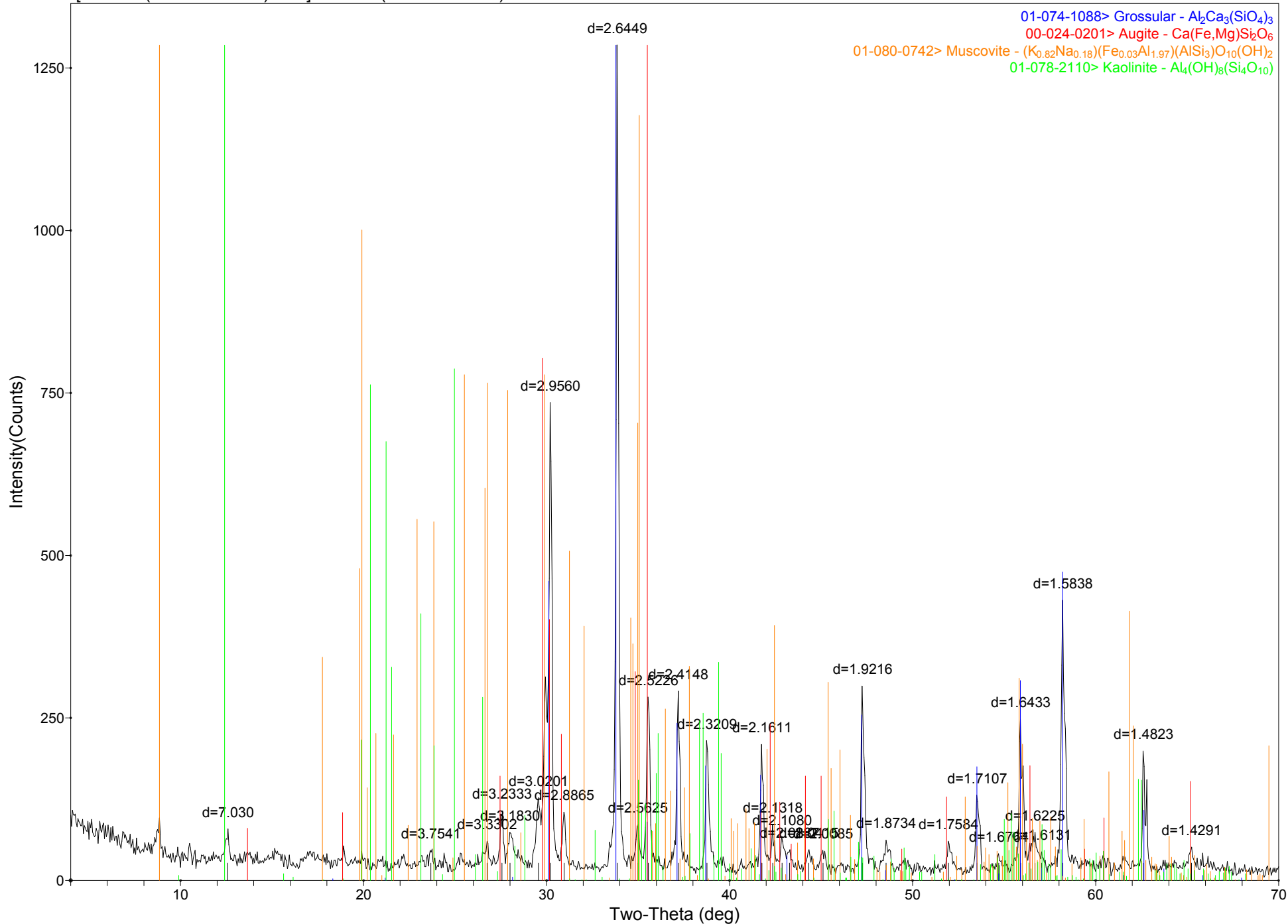
Att. (x-ray diffractograms)

cc: Stew Fumerton  
Kim Halpin

[025808 (WHI1000070).MDI] 025808 (WHI1000070)

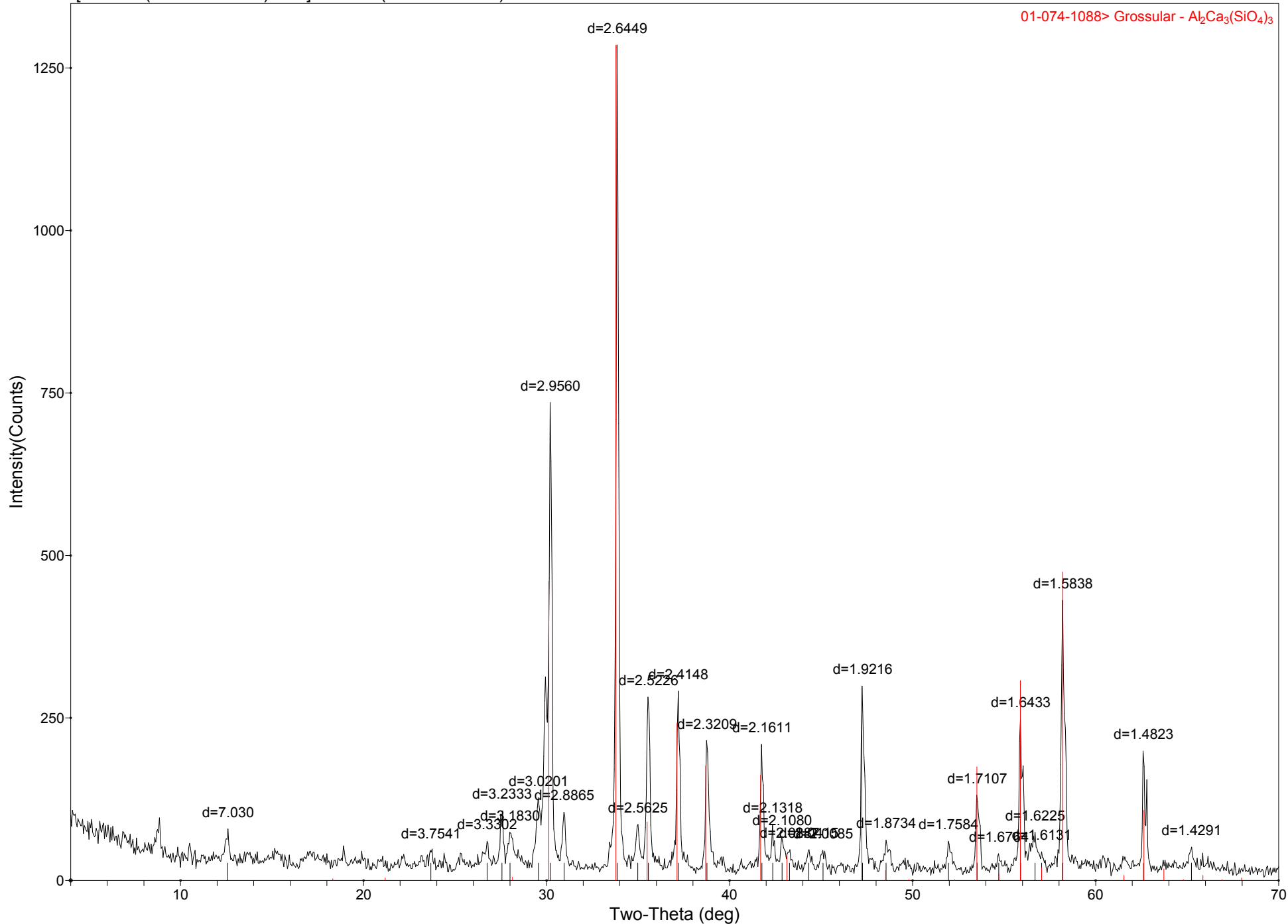


[025808 (WHI1000070).MDI] 025808 (WHI1000070)



[025808 (WHI1000070).MDI] 025808 (WHI1000070)

01-074-1088> Grossular -  $\text{Al}_2\text{Ca}_3(\text{SiO}_4)_3$

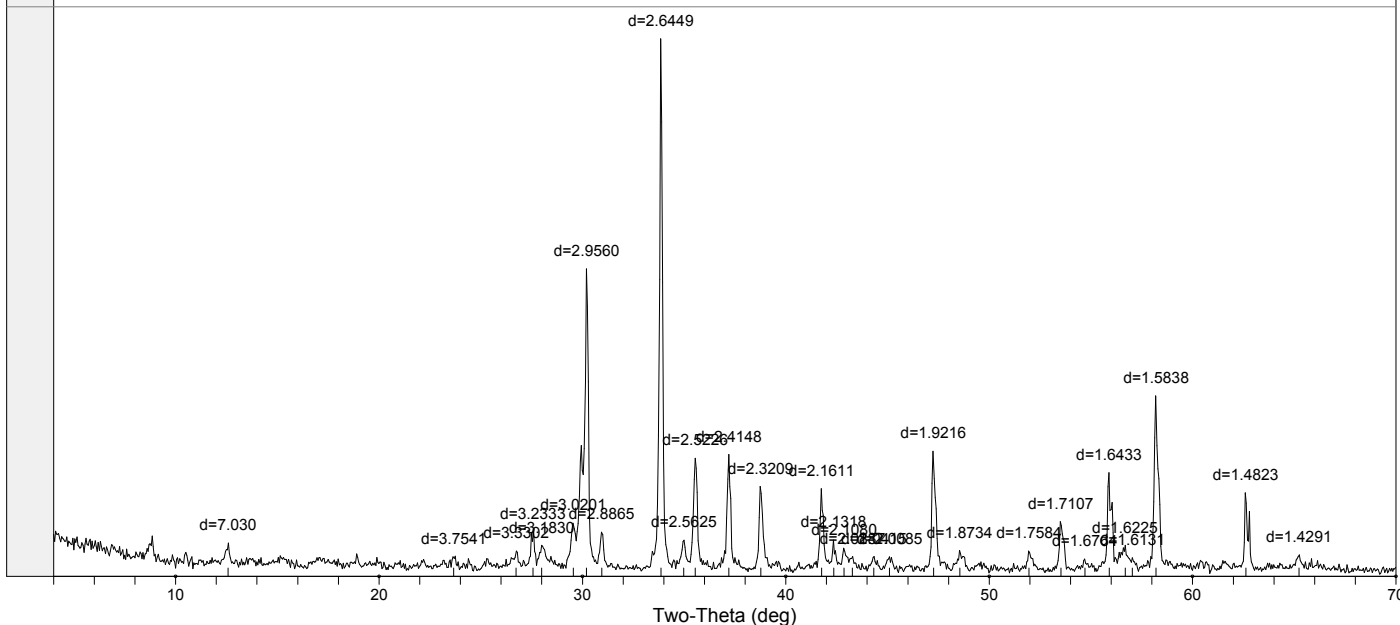


SCAN: 4.0/70.0/0.05/1(sec), Cu, I(max)=1285, 07/15/10 01:32p

PEAK: 11(pts)/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

NOTE: Intensity = Counts, 2T(0)=0.0(deg), Wavelength to Compute d-Spacing = 1.54059Å (Cu/K-alpha1)

#	2-Theta	d(Å)	BG	Height	H%	Area	A%	FWHM
1	12.581	7.0301	35	44	3.4	136	2.7	0.133
2	23.681	3.7541	21	25	2.0	250	5.0	0.430
3	26.748	3.3302	29	31	2.4	132	2.6	0.185
4	27.565	3.2333	43	64	5.0	134	2.7	0.090
5	28.010	3.1830	28	46	3.7	492	9.8	0.451
6	29.554	3.0201	25	102	8.0	1125	22.3	0.470
7	30.210	2.9560	31	704	55.6	4724	93.7	0.285
8	30.955	2.8865	22	83	6.5	389	7.7	0.200
9	33.864	2.6449	19	1266	100.0	5041	100.0	0.169
10	34.988	2.5625	32	54	4.3	220	4.4	0.174
11	35.559	2.5226	27	255	20.2	1275	25.3	0.212
12	37.204	2.4148	20	271	21.4	1296	25.7	0.203
13	38.767	2.3209	18	197	15.5	1006	20.0	0.217
14	41.762	2.1611	20	189	14.9	928	18.4	0.209
15	42.364	2.1318	25	61	4.8	271	5.4	0.190
16	42.867	2.1080	22	45	3.6	354	7.0	0.331
17	43.282	2.0887	20	27	2.1	384	7.6	0.614
18	44.335	2.0415	20	27	2.1	119	2.4	0.190
19	45.102	2.0085	20	26	2.1	129	2.6	0.207
20	47.264	1.9216	19	280	22.1	1299	25.8	0.197
21	48.557	1.8734	20	42	3.4	247	4.9	0.247
22	51.963	1.7584	15	45	3.5	316	6.3	0.299
23	53.524	1.7107	17	114	9.0	548	10.9	0.204
24	54.707	1.6764	18	23	1.8	114	2.3	0.215
25	55.905	1.6433	19	229	18.1	1174	23.3	0.218
26	56.688	1.6225	22	52	4.1	499	9.9	0.411
27	57.046	1.6131	22	22	1.7	194	3.8	0.382
28	58.205	1.5838	23	408	32.2	2038	40.4	0.212
29	62.621	1.4823	21	178	14.1	666	13.2	0.159
30	65.233	1.4291	24	27	2.1	94	1.9	0.149



## APPENDIX 5

### Check Sampling

As part of the program, checks were carried out on the analytical results. The stream sediment samples were analysed by AcmeLabs in Vancouver using a 4 acid digestion and then an Induction Coupled Plasma-Mass Spectrometry technique ( ICP-MS, 1T ). This technique gives results for a large range of elements but a 4 acid digestion does not guarantee complete digestion of the sample. All chip and grab samples were initially analysed with the same technique but over-limit results plus other samples with elevated values of U, Th, Zr and REE were re-analysed by Acme using the borate fusion and ICP-MS (4B03) technique. Furthermore, all grab samples were re-analysed with the same technique.

In addition a number of chip and grab samples were sent to ALS I North Vancouver to be analysed using a borate fusion followed by ICP-MS (ME-MS81). Results from these analyses are plotted against each other in the graphs below for elements that are regarded as typically occurring in refractory minerals.

Results for Zirconium show that there is a good correlation between the Acme and ALS fusion results up to the upper limit of the ALS technique. In contrast the 4 acid digestion only extracted a small proportion of the zirconium in an uneven way which suggests that the majority of the zirconium is tied up in a refractory mineral, presumably zircon. Hafnium, which is typically associated with zirconium and found in zircons, has a very good correlation in the Acme-ALS fusion results. However, the fusion - 4 acid digestion results for Hafnium suggest that Hafnium is more tightly bound in refractory minerals than Zirconium but the reason for this are not understood.

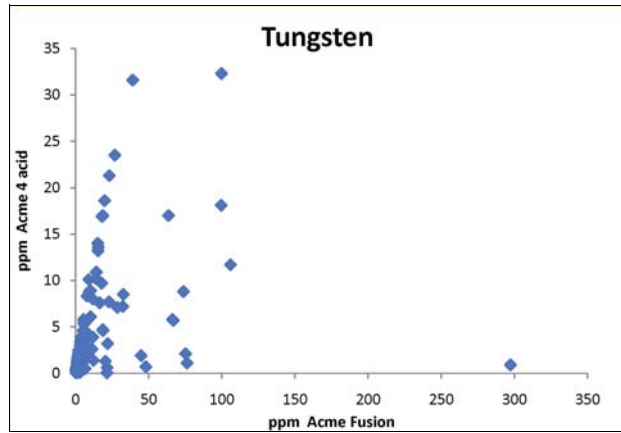
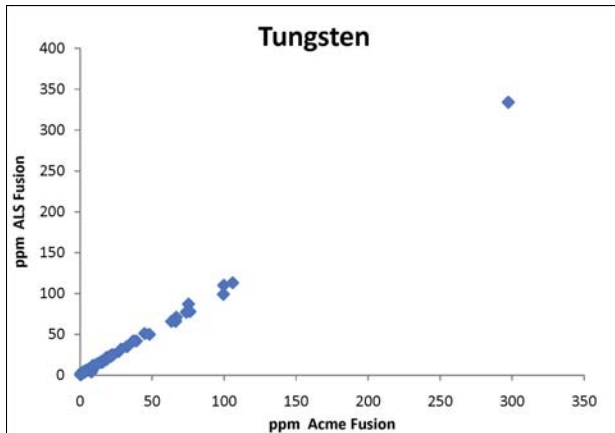
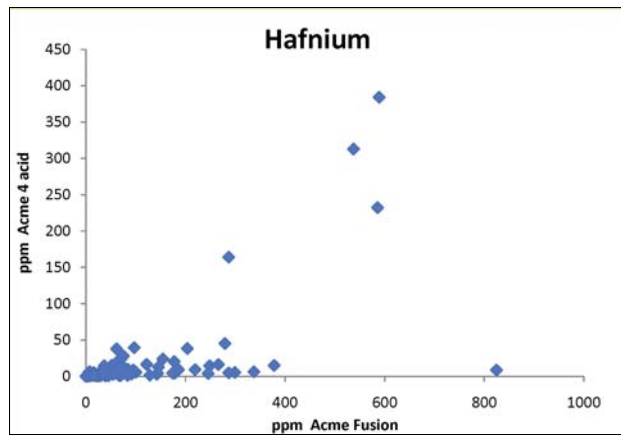
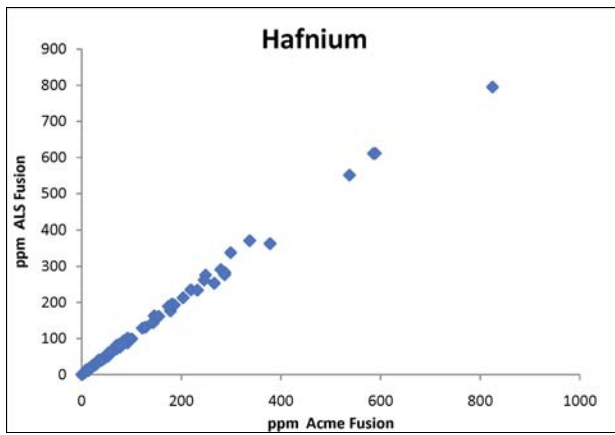
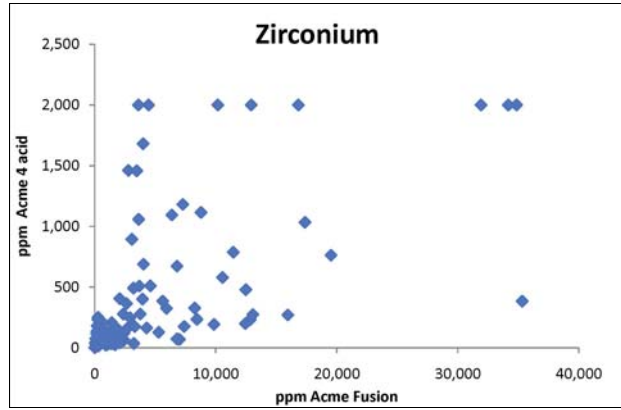
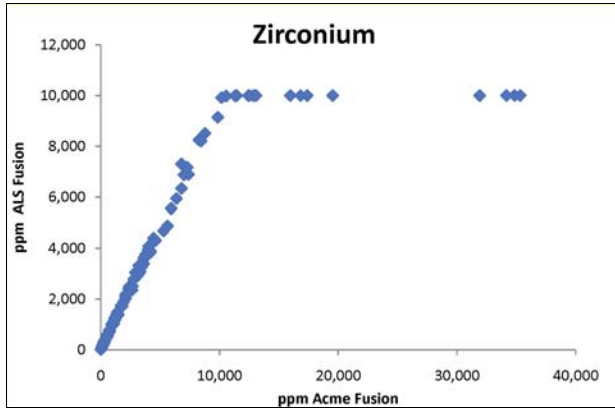
Fusion results for Tungsten by ALS and Acme show a good correlation between each other. In contrast the fusion - 4 acid digestion results indicate that most of the Tungsten occurs in acid soluble minerals but some Tungsten is tied up in refractory minerals.

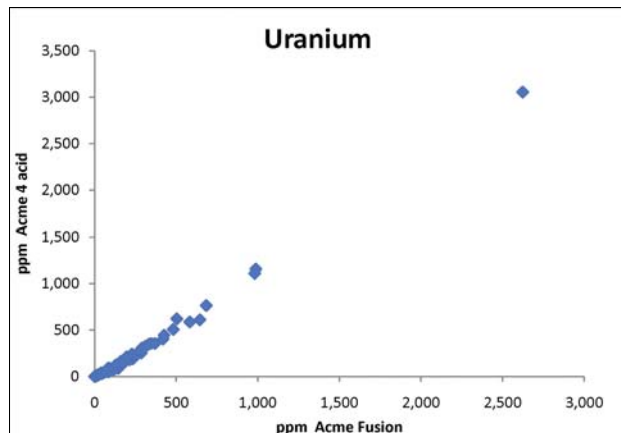
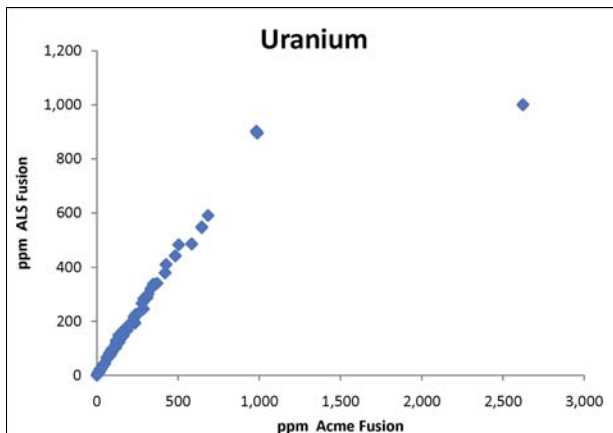
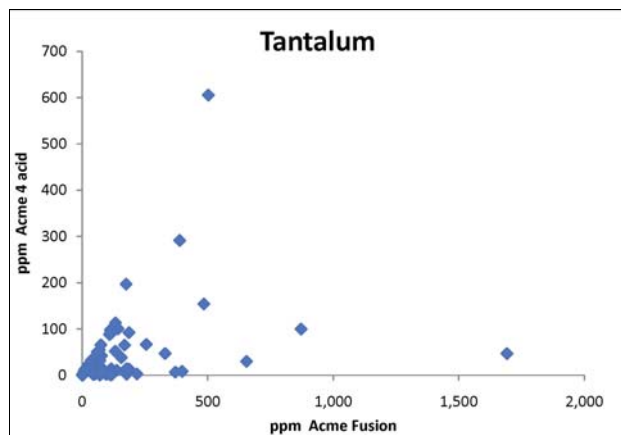
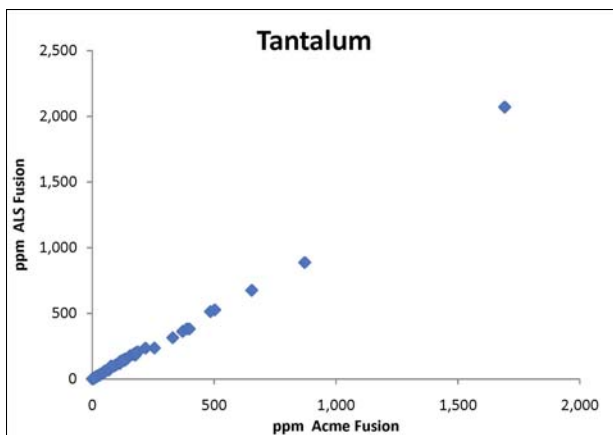
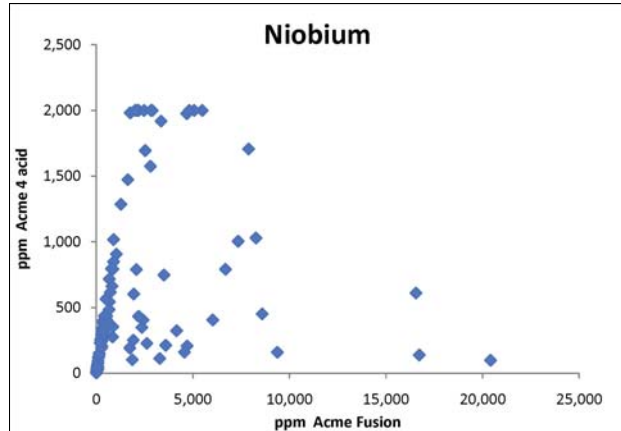
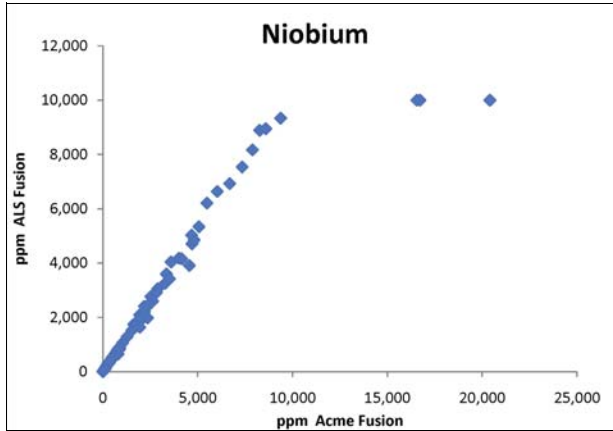
Niobium and Tantalum results are similar to the Tungsten results and most of the Niobium and Tantalum are digested in the 4 acids. What refractory phase that some of the Tungsten, Niobium and Tantalum are tied up in is unknown.

Uranium and Thorium fusion results have a good correlation though the ALS results are marginally lower than the Acme results. There is also a very good correlation between the 4 acid digestion results and the fusion results which indicates that all the uranium and Thorium are taken into solution and that neither Uranium nor Thorium occur in any refractory phase. The 4 acid Uranium results are slightly higher than the fusion results.

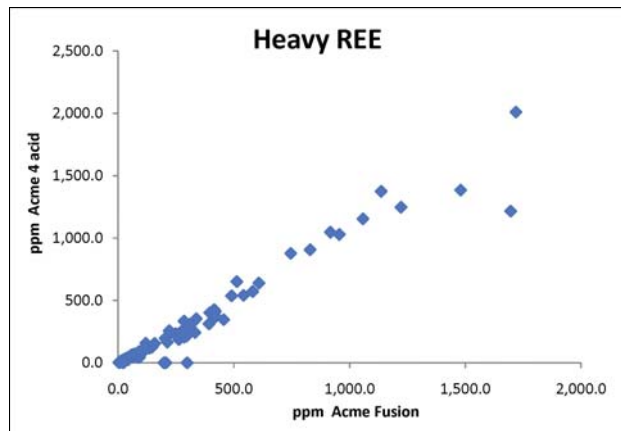
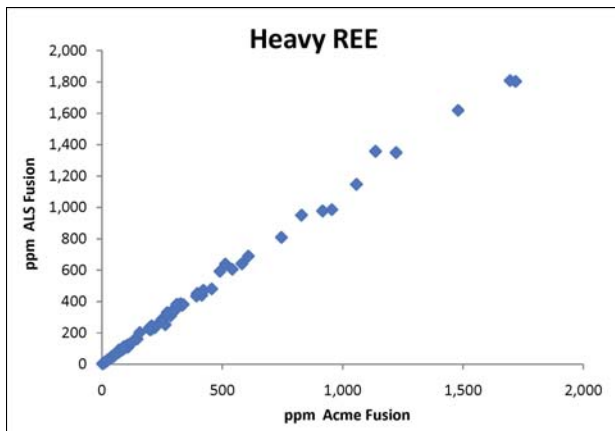
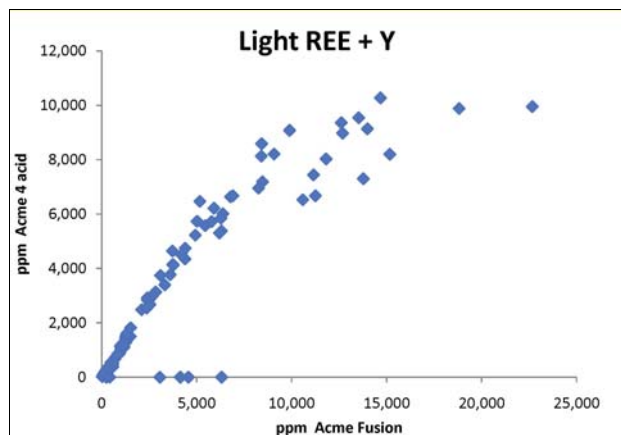
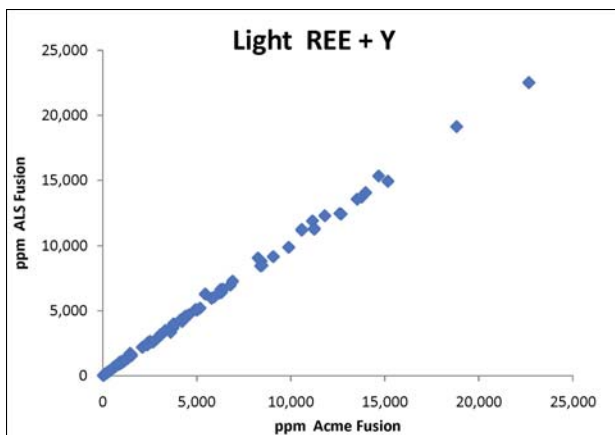
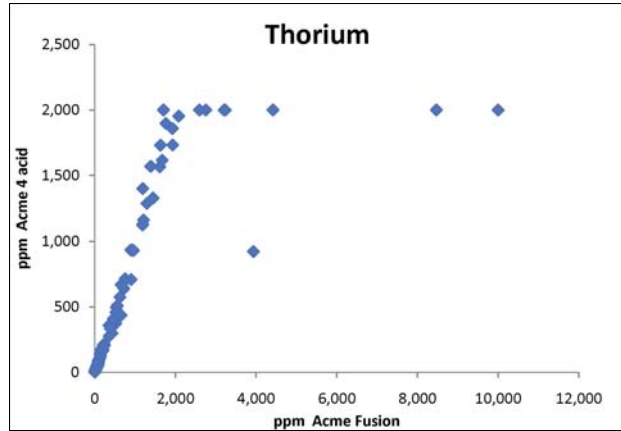
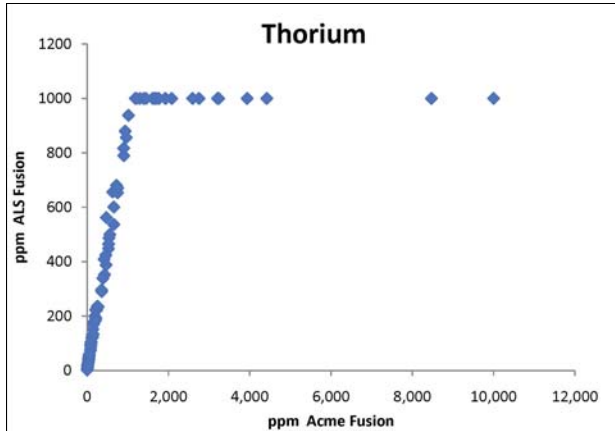
The light Rare Earth Elements (La-Gd) plus Yttrium fusion results show a very good correlation between each other. The 4 acid results show only partial extraction of the Light REE occurred in the 4 acid digestion and that this partial extraction progressively decreased with higher concentrations of light REE.

There are good to moderately good correlations between the fusion results and the 4 acid digestion results for the heavy REE (Tb-Lu). This would suggest that the mineral phases









## APPENDIX 6

### Mineralogical Analysis of 3 Zones from the True Blue Project, Yukon

Report prepared for Great Western Minerals Group by Xstrata Process Support.

Sample 334002	Skarn from Guano Ridge	637,391mE	6,821,018mN
Sample 334004	Late dyke from Verley showing	637,356mE	6,820,081mN
Sample 334016	Late dyke from Double A showing	637,529mE	6,819,705mN
Sample 334020	Late dyke from Double A showing	637,531mE	6,819,705mN

Sample 334002 is the same material as grab sample 25831

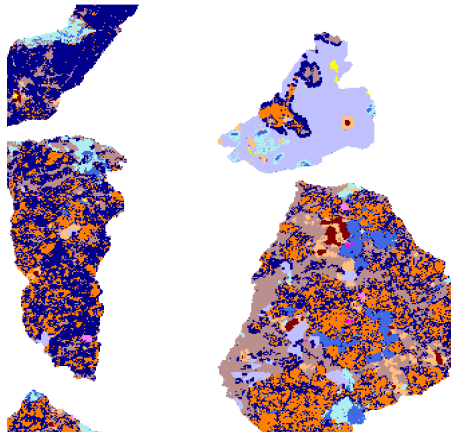
Sample 334004 is from a 30cm thick dyke and is the same material as grab samples 25889 and 25890.

Sample 334016 is from a 1m thick dyke that is boudinaged and locally contains major amounts of magnetite. The sample is the same material as grab sample 333164.

Sample 334020 is from a 1m thick boudinaged dyke. The material is the same as grab sample 333162.

# Mineralogical Analysis of 3 Zones from True Blue Deposit- Yukon

REE



Great Western Minerals Group

Baodong Zhao

John Pearson

Report # 5010817.00  
Issued November 2, 2010

Prepared by:

**Elizabeth Whiteman**  
**Jorge Oliveira**

Project Geoscientist  
Senior Program Geoscientist

## Summary

Great Western Minerals Group submitted four samples in total to Xstrata Process Support (XPS) for quantitative mineralogical analysis. The four samples represent three zones of the True Blue Deposit in the Yukon. Samples 334002 and 334004 were analysed as individual samples while samples 334016 and 334020 were blended to form a composite representing a third zone of the deposit. Size-by-size mineralogical analysis was completed on the three zones using QEMSCAN and EPMA analysis.

The following conclusions were drawn from the analysis.

- The assay summary shows sample 334016+334020 has the highest TREE (Total Rare Earth Element) and TREO (Total Rare Earth Oxide) grade as well as the greatest ratio of HREO (Heavy Rare Earth Element Oxides: Eu to Lu, Y) to TREO. Sample 334004 has the highest ZrO<sub>2</sub> grade.

	TREE	TREO	HREO	HREO/ TREO	ZrO <sub>2</sub>
	(%)				
334002	0.41	0.54	0.03	5.7	0.202
334004	0.94	1.18	0.15	12.8	0.841
334016+ 334020	1.57	1.92	0.18	9.1	0.382

- REO and ZrO<sub>2</sub> grades are consistent across all size fractions and show no upgrading during the crushing process.
- Sample 334002 shows distinct gangue mineralogy from samples 334004 and 334016+334020
- REE-bearing minerals identified in the samples are:
  - High and low REE bearing allanites
  - Ba-Pyrochlore and Pyrochlore
  - Fe-Columbite
  - Ce carbonate
  - Fergusonite
  - Thorite
  - Bastnasite
  - Monazite
- QEMSCAN and EPMA analysis have identified Y-bearing zircon in all the samples
- EPMA analysis indicates that epidote and titanite consistently contains low levels of REE in all samples.
- REE in solid solution is also present in muscovite, orthoclase, apatite and FeMn(Al) spinel.
- All samples exhibit a common zoned allanite texture which represents highly variable REE content within the allanite species.
- The TREE deportment for 334002 shows 87.6% of TREE occurs in REE minerals and zircon.
- The TREE deportment for 334004 shows 87.3% of TREE occurs in REE minerals and zircon.

- The TREE deportment for 334002 shows 96.2% of TREE occurs in REE minerals and zircon.
- For the REE in solid solution in gangue phases, epidote and titanite are the most significant carriers.
- Grain size analysis shows that the REE minerals are fine grained (<50 µm) for all samples. Allanites sometimes are coarser grained which can range from 50 µm to 110 µm.
- Combined grain size data for all REE species indicate the finest average grain sizes are still very fine with the exception of sample 334016+334020 which shows a much coarser combined REE grain size.

## Introduction

Great Western Minerals Group submitted four samples in total to Xstrata Process Support (XPS) for quantitative mineralogical analysis. The four samples represent three zones of the True Blue Deposit in the Yukon. Samples 334002 and 334004 were analysed as individual samples while samples 334016 and 334020 were blended to form a composite representing a third zone of the deposit.

Size-by-size mineralogical analysis was completed on the three zones and the following data has been reported:

- Modal mineralogy
- REE elemental departments
- Grain size estimates of REE minerals
- Compositional data on gangue and REE minerals

## Methodology

### Sample Preparation

The samples were received as grab samples and were crushed to -10 mesh. Each sample was then blended (334016 and 334020 together) using XPS' proprietary "odds and evens" blending procedure to homogenise the samples before extraction of a sub sample for mineralogical analysis.

The sub-samples were screened into the following size fractions:

- +1180  $\mu\text{m}$
- -1180/+600  $\mu\text{m}$
- -600/+300  $\mu\text{m}$
- -300/+53  $\mu\text{m}$
- -53  $\mu\text{m}$

Each fraction was then prepared into multiple polished sections and carbon coated for QESMCAN analysis and EPMA analysis. Each fraction was also sent for whole rock and high grade REE assays at ALS Chemex in Vancouver.

## QEMSCAN Analysis

QEMSCAN is an automated system that produces particle maps (colour coded by mineral), through collection of rapidly acquired energy dispersive x-rays. These maps quantify the modal mineralogy, texture, grain size, element deportment and liberation in each of the samples.

## EPMA

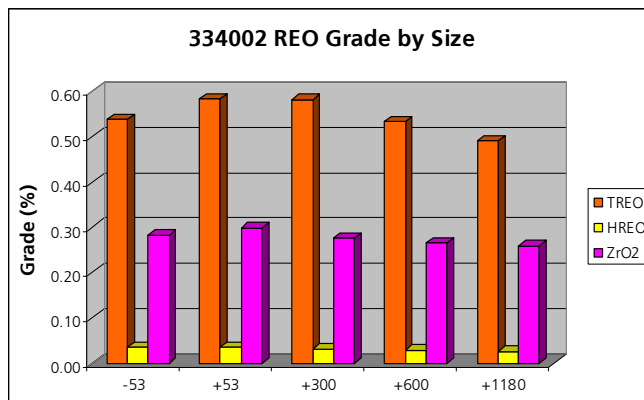
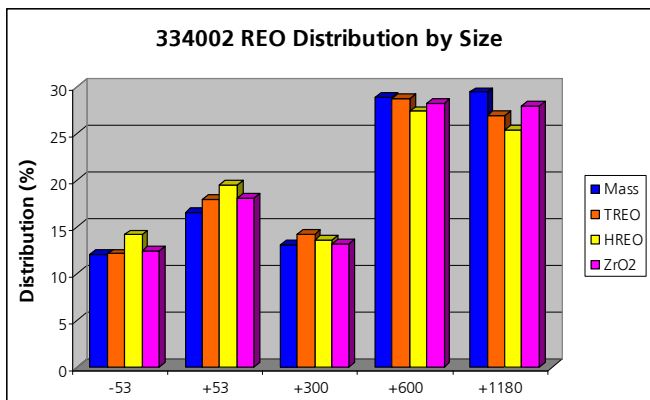
Quantitative compositional analysis was completed using a Cameca SX-100 Electron Microprobe. Electron Probe Microanalysis (EPMA) produces higher electron beam currents and increased beam stability, coupled with higher resolution wavelength dispersive spectrometry (WDS). These features allow for improved detection limits and accuracy of the resulting analysis. Detection limits can be as low as 200 ppm which provides detailed trace element compositions within the various mineral species in this study. Resulting detailed compositional data is then input back into the QEMSCAN software, in order to refine the final elemental deportment calculations. Compositional data from microprobe analysis can also be used to update the "Species Identification Program" within QEMSCAN. Measurements can be reclassified in order to update overall modal and deportment data.

## Results

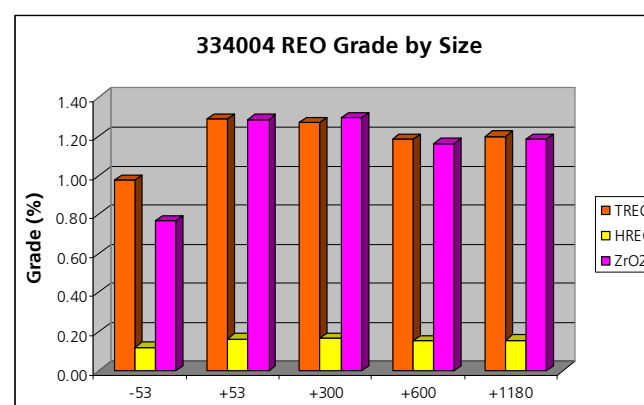
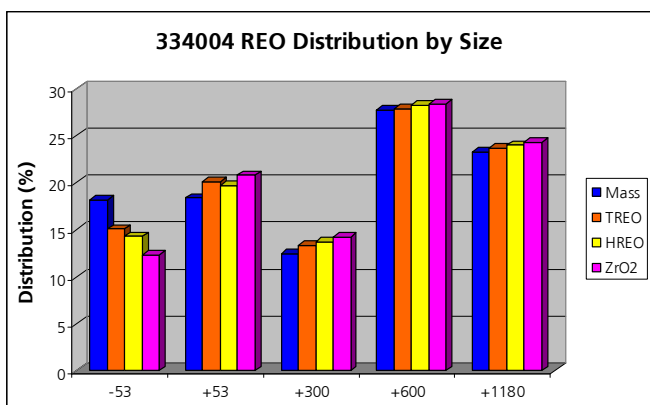
### Assays

REO and ZrO<sub>2</sub> distribution and grade by size on the three samples are summarized in Figure 1. For sample 334002, REO and ZrO<sub>2</sub> are distributed proportional to the mass in each size fraction, and REO and ZrO<sub>2</sub> grades are consistent across all size fractions. This data is tabled in the corresponding excel spreadsheet.

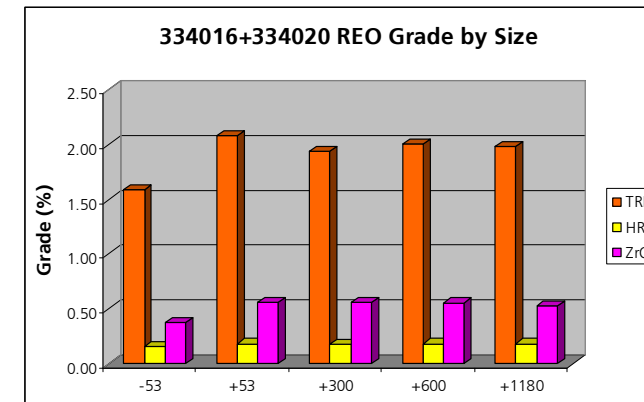
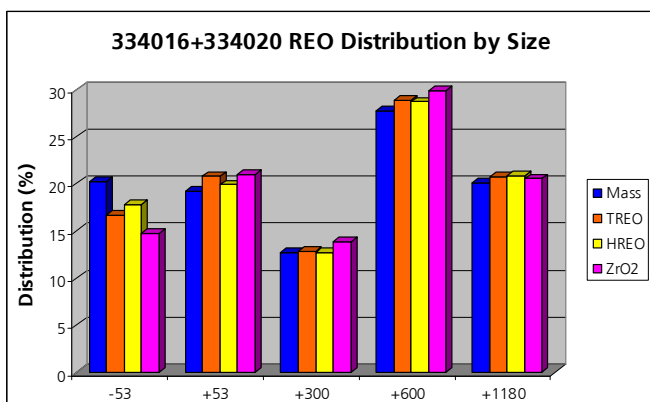
REO and ZrO<sub>2</sub> distribution and grade by size on samples 334004 and 334016+334020 are summarized in Figures 2 and 3. Similar to sample 334002, REO and ZrO<sub>2</sub> are distributed proportional to the mass in each size fraction. REO and ZrO<sub>2</sub> grades are consistent across all size fractions and show no upgrading during the crushing process. TREO and zircon grades are slightly lower in the -53 µm.



**Figure 1:** Sample 334002 REO and ZrO<sub>2</sub> distribution and grade by size.



**Figure 2:** Sample 334004 REO and ZrO<sub>2</sub> distribution and grade by size.



**Figure 3:** Sample 334016+334020 REO and ZrO<sub>2</sub> distribution and grade by size.

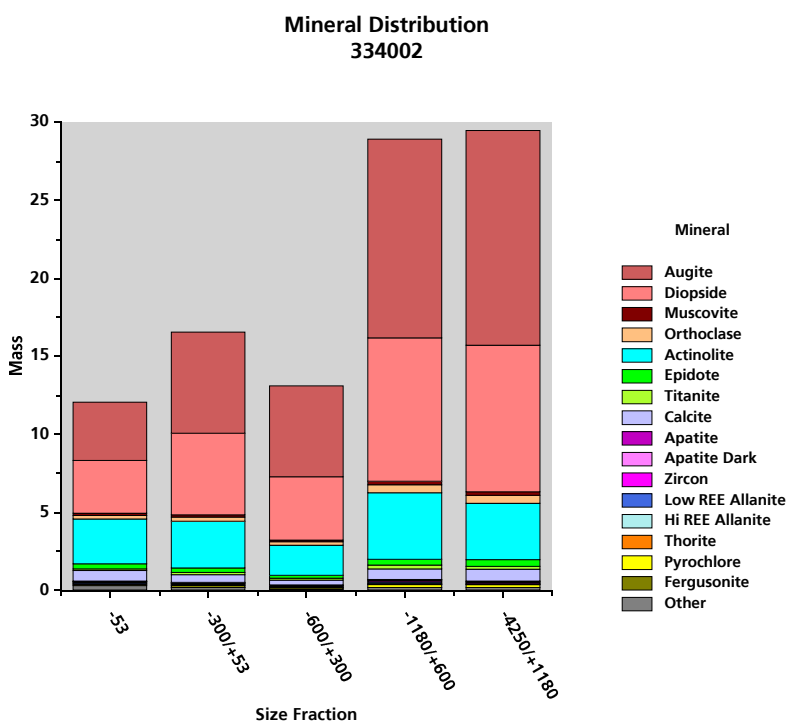


## Mineralogy

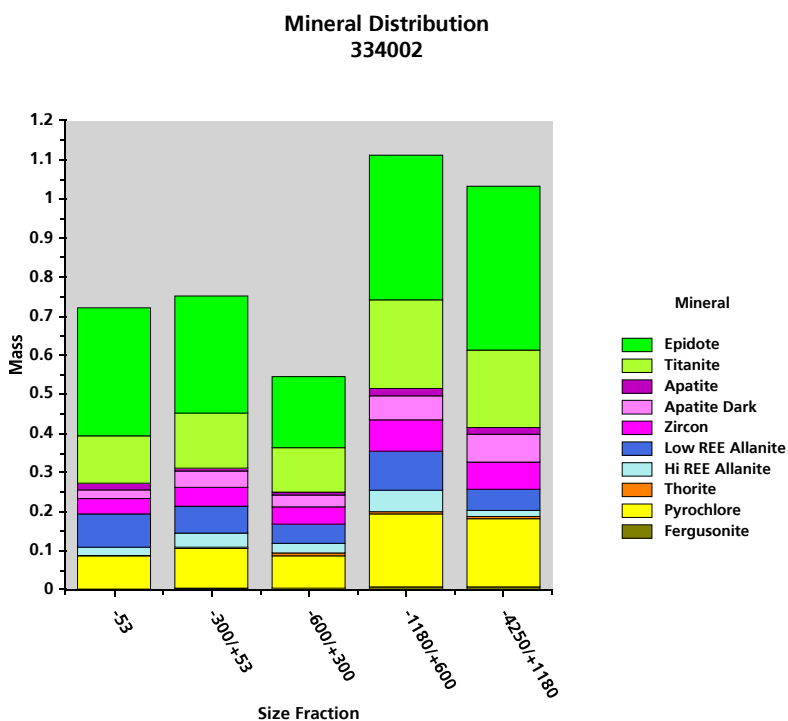
QEMSCAN and EPMA data show varying mineralogy between the three zones. Mineralogy for each zone is presented on a size-by-size basis in Figures 4 to 9. The size-by-size mineralogy and an expanded view of the REE mineralogy, including Zr, are included.

The mineralogy of sample 334002 is the most unique of all three samples. The host mineralogy is a texture of augite and diopside with veining of actinolite and orthoclase. Other phases include calcite, muscovite, epidote and titanite.

REE minerals are predominantly pyrochlore, high and low REE bearing allanite, zircon and thorite. REE were identified in solid solution in epidote, titanite, orthoclase, muscovite and apatite. Epidote and the allanites are very closely associated.



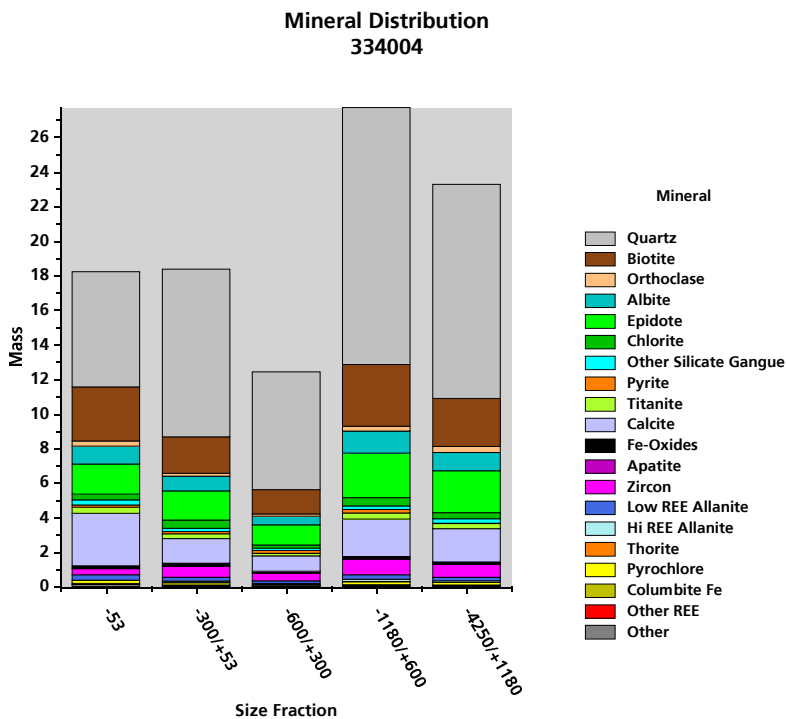
**Figure 4:** Size-by-size mineralogy for sample 334002 presented as mass percent of mineral in the sample.



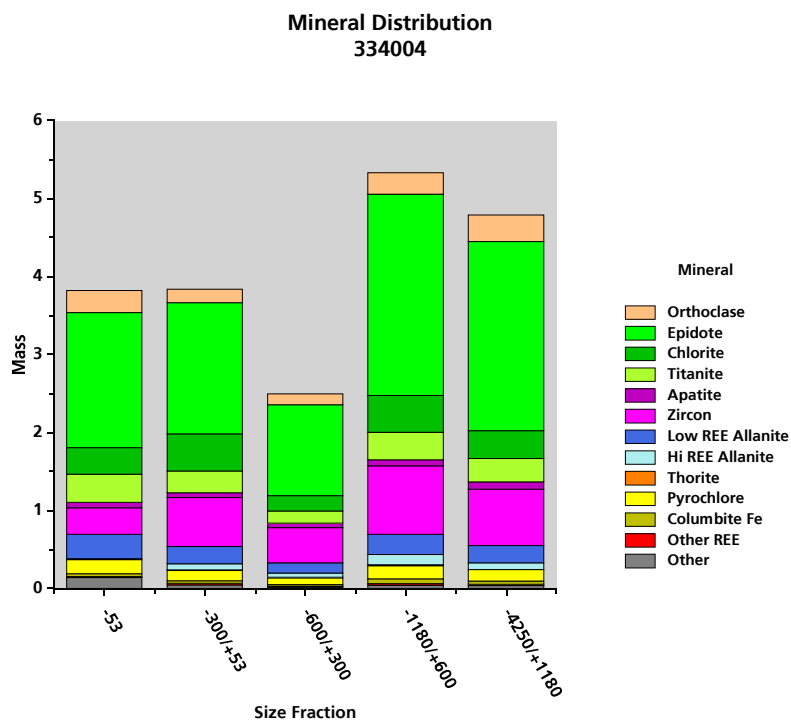
**Figure 5:** Size-by-size REE mineralogy of sample 334002 presented as mass percent of the mineral in the sample.

The mineralogy of sample 334004 is predominantly quartz, biotite, albite, epidote and chlorite. Pyrite is also present mostly as large euhedral crystals rimmed with magnetite. Calcite is the only carbonate present.

REE mineralogy includes fairly finely disseminated zircon, closely associated pyrochlore and columbite, high and low REE bearing allanites and trace amounts of thorite. REE were also found in solid solution of apatite and epidote in 334004.



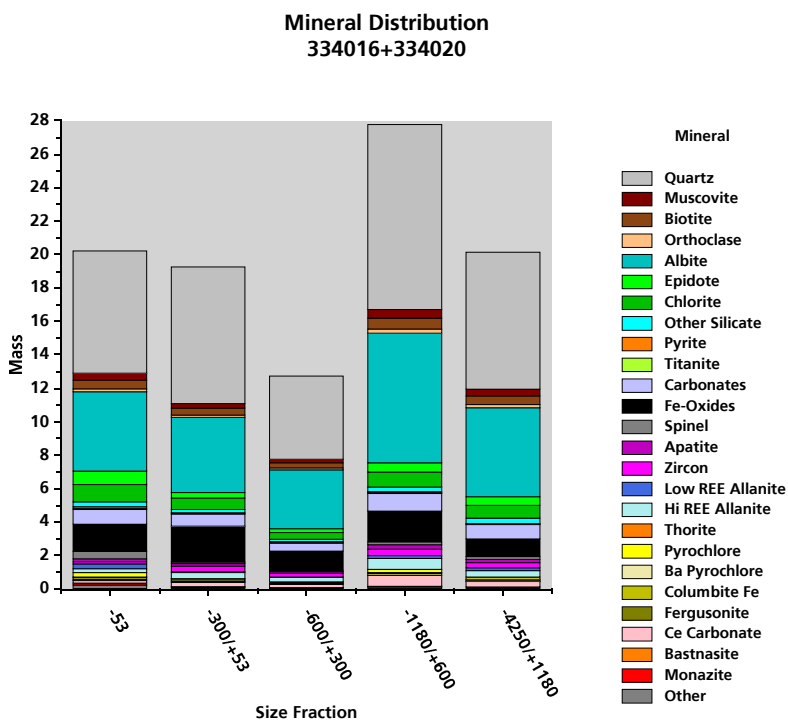
**Figure 6:** Size-by-size mineralogy for sample 334004 presented as mass percent of mineral in the sample.



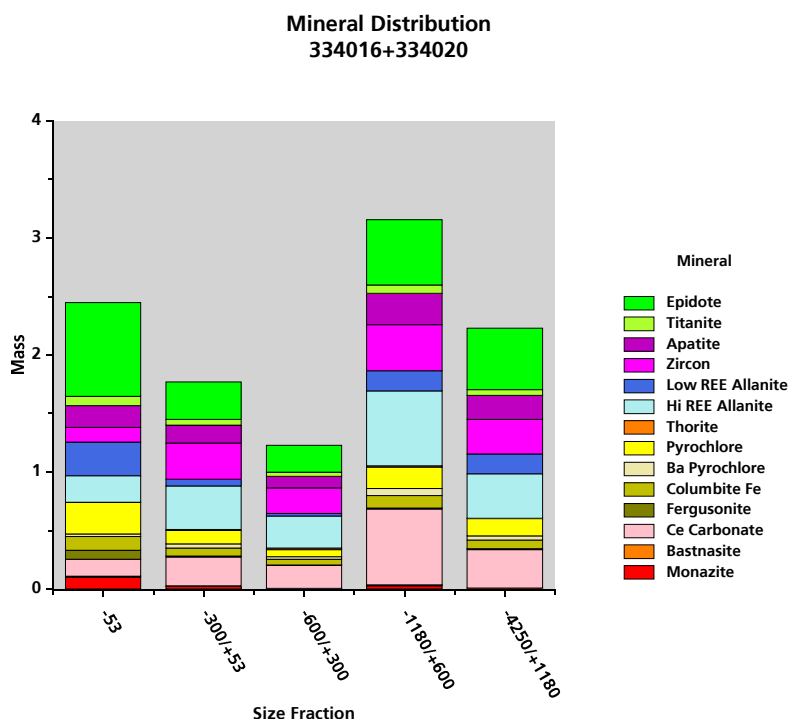
**Figure 7:** Size-by-size REE mineralogy of sample 334004 presented as mass percent of the mineral in the sample.

The mineralogy of the blended sample 334016+334020 is predominantly quartz and albite, with magnetite, epidote, chlorite, biotite and muscovite. Pyrite is also present mostly as large euhedral crystals rimmed with magnetite. Calcite, Fe-dolomite and ankerite are all present and included in the grouping of calcite.

REE mineralogy includes disseminated zircon, closely associated pyrochlore, Ba-pyrochlore and columbite, high REE bearing allanites, an unknown species of Ce carbonate/oxide and trace amounts of bastnasite and monazite.



**Figure 8:** Size-by-size mineralogy for sample 334016+334020 presented as mass percent of mineral in the sample.



**Figure 9:** Size-by-size REE mineralogy of sample 334016+334020 presented as mass percent of the mineral in the sample.

## EPMA

EMPA analysis of the three zones in the True Blue deposit was completed in order to determine the levels of rare earth elements (REE) within various phosphate, silicate, and oxide phases.

Multiple analytical setups were required for this work in order to negate x-ray overlap issues between all the different elements required. A spectra scan on the main minerals was completed in order to determine the elements required for each setup. Peak times were generally 60 seconds per element producing detection limits of 400-1100 ppm for REE's.

Results are summarised in Tables 1 to 3 for the three zones. Values in grey are below analytical detection limits and a dash indicates that this element was not used in the setup for the mineral. Oxygen is a calculated value. Yellow highlights in Table 3 indicate where it is believed La should have been included due to the low total values.

**Table 1:** Average wt% Compositions of Various Phosphate, Silicate and Oxide Species for Sample 334002

	Si	Ca	Ti	Mn	Fe	Y	Zr	Nb	Ce	Pr	Nd	Hf	Ta	Th	U	Mg	Al	K	La	P	O	Total	n=	
Zircon	14.46	0.29	0.01	0.01	0.33	0.67	45.36	0.00	0.04	-0.02	0.01	0.61	0.00	0.25	1.18	-	-	-	-	-	31.01	94.27	8	
REE Titanite	13.79	19.74	17.90	0.02	1.27	0.08	0.09	3.83	0.20	0.02	0.09	0.18	0.16	0.00	-0.01	-	-	-	-	-	-	37.08	94.45	14
Thorite	7.75	1.52	-0.01	0.03	0.14	0.32	-	0.08	0.00	-0.01	0.03	-	-	48.82	13.54	0.02	0.04	-0.05	-0.02	-	-	17.72	90.03	4
Pyrochlore	0.04	11.34	1.22	0.05	0.25	0.44	-0.07	53.48	0.50	0.08	0.53	-0.10	0.42	0.46	0.38	-	-	-	-	-	-	19.75	89.03	13
Orthoclase	29.19	1.19	0.01	0.05	1.34	0.02	-	-0.01	0.23	-0.05	0.00	-	-	0.00	0.00	0.86	8.85	12.71	0.00	-	-	45.48	99.94	2
Muscovite	22.46	0.13	0.05	0.03	2.86	0.00	-	0.01	0.36	-0.06	0.01	-	-	0.00	0.00	2.29	13.82	9.44	0.00	-	-	42.48	93.97	3
Epidote	18.06	14.97	0.04	0.09	6.71	0.31	-	0.23	0.27	0.03	0.21	-	-	0.98	0.19	0.63	11.94	0.02	0.05	-	-	39.96	94.71	16
Diopside	24.41	18.58	0.30	0.04	2.34	0.00	-	-0.01	-0.01	0.00	-0.01	-	-	0.00	-0.01	9.79	1.57	0.01	0.00	-	-	43.94	101.00	4
Augite	24.62	18.05	0.06	0.14	6.60	-0.01	-	-0.01	0.00	-0.01	-0.01	-	-	-0.01	0.01	8.02	0.59	0.00	0.00	-	-	43.02	101.15	5
Calcite	0.01	38.96	0.00	0.08	0.10	0.00	-	0.00	0.00	-0.01	-0.01	-	-	-0.01	-0.01	0.02	0.00	0.01	0.00	-	-	15.63	54.85	4
Apatite	0.29	39.22	-	-	0.12	0.20	-	-	0.31	0.05	0.18	-	-	0.06	-	-	-	-	-	0.13	18.83	40.53	99.98	7
Low REE Allanite	15.19	10.53	0.18	0.05	11.13	0.10	-	-0.01	7.15	0.59	1.93	-	-	0.06	0.00	0.06	8.98	0.00	3.51	-	-	35.16	94.67	9
High REE Allanite	14.60	8.69	0.13	0.06	11.06	0.04	-	-0.01	9.28	0.59	1.61	-	-	0.13	-0.01	0.19	8.36	0.00	6.10	-	-	33.98	94.84	12
Actinolite	25.66	9.33	0.01	0.18	9.44	0.00	-	0.00	0.00	0.01	0.00	-	-	0.01	0.02	9.94	0.71	0.11	0.00	-	-	42.93	98.40	8

The apatite, epidote, titanite, muscovite and orthoclase consistently contain low levels of Zr, Hf, Ta, Y, Nb, Ce, Nd, Th, U and/or La. The REE-bearing silicate analysis included allanite, zircon, and thorite. REE content in allanite is variable, seen in Figure 7, due to the variable zoned textures. Two populations of allanite were subsequently broken out based on a threshold of REE content which was reliably mapped via QEMSCAN. The zircon contains low levels of Y, Th and U and the pyrochlore also contains low levels of other REE.

**Table 2:** Average wt% Compositions of Various Phosphate, Silicate and Oxide Species for Sample 334004

	Si	Ca	Ti	Mn	Fe	Y	Zr	Nb	Ce	Pr	Nd	Hf	Ta	Th	U	Mg	Al	K	La	P	O	Total	n=	
Zircon	16.04	0.17	0.01	0.01	0.34	0.98	44.27	0.17	0.08	0.00	0.09	0.66	0.05	0.03	0.27	-	-	-	-	-	34.47	97.66	7	
Thorite	8.71	0.11	0.06	0.00	0.16	0.21	-	0.07	0.64	0.09	0.26	-	-	61.34	2.79	0.00	0.02	-0.12	0.14	-	-	19.07	93.70	5
Pyrochlore	0.24	5.60	1.65	0.91	6.37	0.69	-0.05	50.35	0.38	0.10	0.65	-0.21	0.84	0.06	0.75	-	-	-	-	-	-	19.30	88.06	9
Albite	32.18	0.08	0.00	0.00	0.12	-0.01	-	0.02	0.01	-0.02	0.02	-	-	0.00	0.01	0.00	9.03	0.04	0.00	-	-	44.77	86.29	2
Magnetite	0.06	0.02	0.02	0.00	72.14	0.01	-	-0.05	0.00	-0.01	0.02	-	-	0.00	-0.02	-0.01	0.02	0.00	0.00	-	-	20.76	93.06	2
Columbite	-0.05	3.08	1.48	1.32	9.82	0.26	-0.09	51.31	0.59	0.05	0.24	-0.15	0.66	0.01	1.02	-	-	-	-	-	-	19.02	88.89	4
Calcite	-0.02	41.89	0.00	0.99	1.21	0.01	-	0.00	0.02	-0.02	0.02	-	-	-0.01	-0.02	0.06	0.00	0.00	-0.01	-	-	17.37	61.61	2
Epidote	17.18	14.49	0.04	0.12	10.32	0.35	-	0.01	1.68	0.14	0.50	-	-	0.01	0.02	0.03	10.99	0.02	0.69	-	-	38.79	95.40	7
Chlorite	11.58	0.03	0.02	0.21	28.10	0.01	-	-0.03	0.01	0.00	0.00	-	-	0.02	-0.02	5.00	10.11	0.00	0.00	-	-	33.62	88.73	4
Calcite	0.00	41.43	0.00	0.34	0.31	0.00	-	0.01	-0.01	-0.01	0.01	-	-	-0.01	-0.01	0.06	0.00	0.00	0.00	-	-	16.77	58.95	2
Biotite	17.95	0.03	0.46	0.10	15.87	0.01	-	0.00	0.03	-0.01	0.01	-	-	-0.01	0.01	7.77	6.85	8.73	-0.01	-	-	38.53	96.37	4
Low REE Allanite	14.53	7.59	1.13	0.27	11.78	0.65	-	0.19	6.56	0.58	1.91	-	-	0.02	0.02	0.05	5.55	0.01	2.64	-	-	30.99	84.52	12
High REE Allanite	13.63	6.26	0.22	0.22	12.44	0.59	-	0.36	12.22	1.22	4.23	-	-	0.00	-0.02	0.05	4.86	0.01	4.63	-	-	30.22	91.19	7

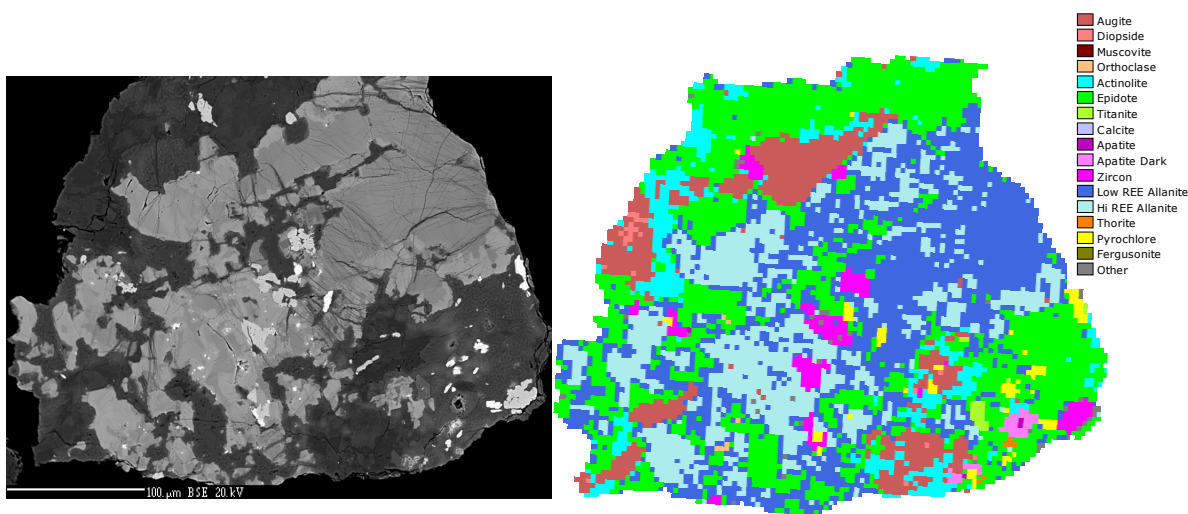
The analysis of sample 334004 also shows the epidote consistently contains low levels of Y, Ce, Pr, Nd, and La. No Th or ?? is present as compared to sample 334002. The REE-bearing silicate analysis included allanite, zircon, and thorite. The REE content in allanite is variable as in sample 334002. The zircon contains low levels of Y, Nb, Ce, Hf and U and the pyrochlore and columbite also contains low levels of other REE.

**Table 3:** Average wt% Compositions of Various Phosphate, Silicate and Oxide Species for Sample 334016+334020

	Si	Ca	Ti	Mn	Fe	Y	Zr	Nb	Ce	Pr	Nd	Hf	Ta	Th	U	Mg	Al	K	La	P	O	Total	n=
Zircon	20.29	0.06	0.01	0.02	0.57	1.00	38.27	0.24	0.05	0.02	0.02	0.58	0.06	0.09	0.09	-	-	-	-	-	37.22	98.58	3
Pyrochlore	0.27	11.34	1.83	0.01	0.30	0.02	0.72	42.64	0.12	0.03	0.01	-0.67	2.69	0.03	1.92	-	-	-	-	-	18.12	80.04	2
Columbite	0.64	2.17	2.02	2.24	9.64	0.85	-0.10	46.42	1.49	0.11	0.58	-0.32	1.25	0.15	0.59	-	-	-	-	-	19.22	87.52	9
Albite	32.82	0.03	0.00	0.02	0.25	-0.01	-	-0.01	0.01	0.01	-0.01	-	-	0.00	-0.02	0.00	8.73	0.01	-0.01	-	45.25	87.16	2
FeMnAl Oxide?	1.02	0.10	0.01	9.93	11.77	0.03	-	0.09	0.66	0.01	0.00	-	-	0.23	0.02	0.02	5.85	0.00	0.02	-	12.87	42.64	3
Fe Mn Oxide?	1.90	1.18	0.01	14.37	19.29	0.09	-	0.03	0.12	-0.02	0.07	-	-	-0.01	0.00	0.10	0.07	0.01	0.06	-	12.56	49.87	2
Magnetite	0.02	0.02	0.01	0.01	71.84	-0.01	-	-0.05	0.00	0.00	0.00	-	-	0.01	-0.01	0.00	0.00	0.00	-0.01	-	20.61	92.56	5
Chlorite	12.30	0.00	0.02	0.06	18.48	0.01	-	-0.04	0.00	0.01	0.00	-	-	0.01	0.04	9.03	11.88	0.19	0.00	-	35.89	87.94	2
Ce Carbonate?	0.05	6.44	-0.03	0.01	-0.05	0.30	-0.02	0.00	24.88	1.96	8.73	-0.18	-0.01	0.26	0.01	-	-	-	-	-	8.72	51.39	6
Mn Calcite	0.04	36.26	0.00	4.61	1.27	0.03	-	0.01	0.01	-0.02	-0.02	-	-	0.01	-0.03	0.50	0.01	0.00	-0.01	-	16.57	59.34	2
Ce Bastnasite	0.46	0.40	-0.03	0.00	0.80	0.35	-0.02	0.08	28.13	1.94	8.23	-0.22	0.00	0.25	0.00	-	-	-	-	-	7.51	48.21	8
Apatite	0.19	39.64	-	-	0.07	0.07	-	-	0.11	0.02	0.11	-	-	0.01	-	-	-	-	0.02	19.18	40.90	100.37	7
Ankerite	0.25	19.44	-0.01	0.58	10.30	-0.02	-	-0.01	0.00	-0.01	0.03	-	-	-0.02	-0.01	7.72	0.01	0.00	0.00	-	16.24	54.56	3
High REE Allanite	15.04	7.27	0.05	0.11	8.24	0.05	-	0.00	9.10	0.76	2.78	-	-	0.31	0.06	0.15	9.69	0.36	4.11	-	34.18	92.27	9
Fe Dolomite	0.01	20.65	0.00	1.75	5.22	0.00	-	-0.01	0.01	0.03	0.02	-	-	0.00	-0.02	9.64	0.00	0.00	0.00	-	16.61	53.93	1
Biotite	17.26	0.00	0.05	0.03	9.93	-0.01	-	-0.02	0.04	0.00	0.02	-	-	0.03	0.01	5.43	13.96	4.63	0.00	-	39.59	91.00	1

Sample 334016+334020 contains more complex REE mineralogy as compared to the other samples. The REE-bearing silicate analysis included allanite, zircon, and thorite. The REE content in allanite is variable as in the previous samples; however the higher REE allanite is the more dominant species in this sample. The zircon contains low levels of Y, Nb, Ce and Hf and the pyrochlore also contains low levels of other REE. Two species of pyrochlore were identified with QEMSCAN however the Ba-pyrochlore was not encountered in the EPMA search. A standard composition was applied to this phase. Columbite in this sample contains higher levels of Mn than it does in sample 334004. Similarly, calcite in this sample contains high levels of Mn. The low totals in the species Ce bastnasite and Ce carbonate indicate that an element may be missing from the compositions (La was not included in the EPMA set up for these species).. An unknown spinel phase of Fe, Mn and Al is present in this sample and contains low amounts of Ce.

Figure 10 shows an EPMA photomicrograph and corresponding QEMSCAN mineral map demonstrating the zonation of high and low REE bearing allanites.



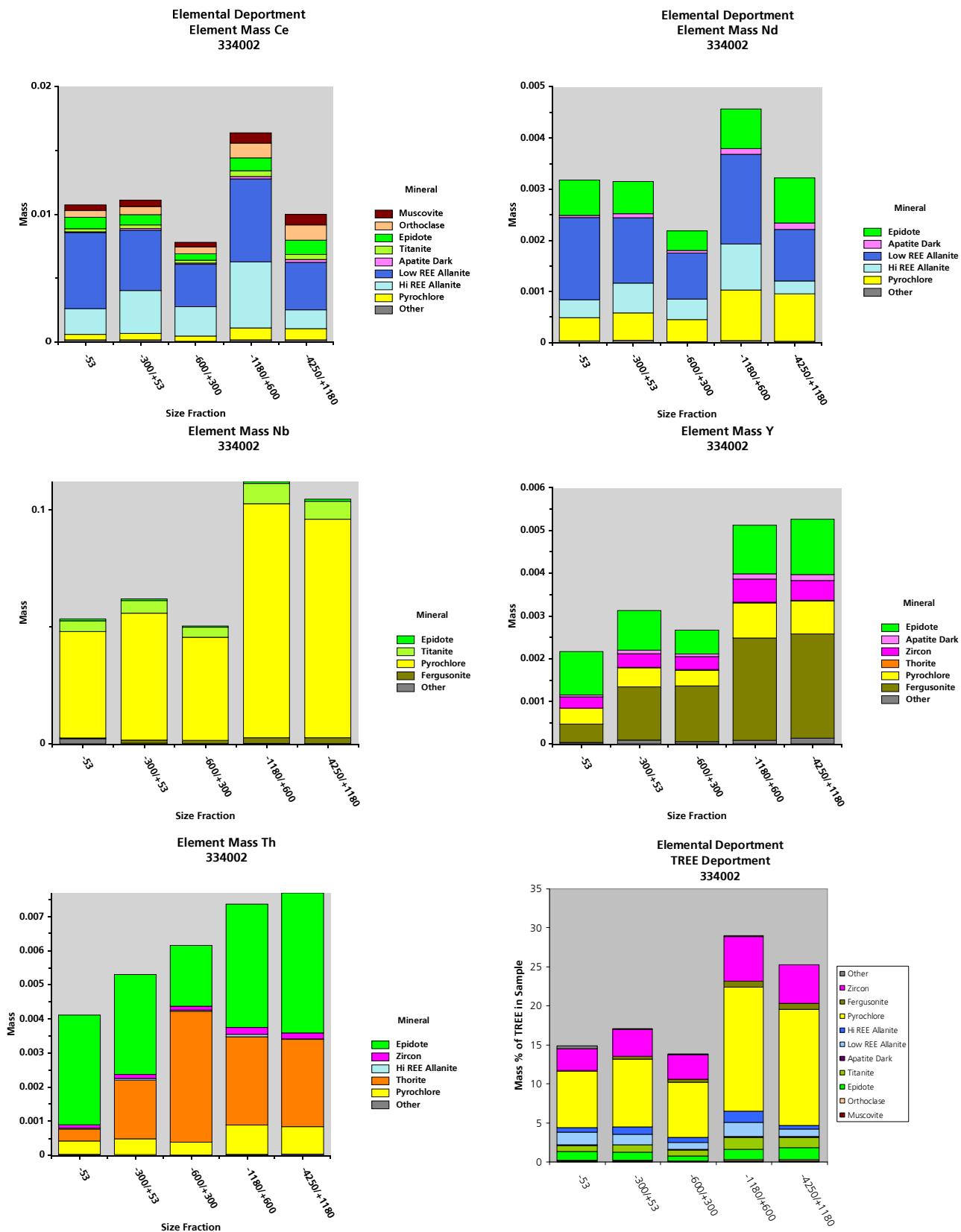
**Figure 10:** EPMA photomicrograph and corresponding QEMSCAN mineral map from sample 334002: -600/+300 µm showing the zonation of allanite between high REE (light blue) and low REE (dark blue) species. Other REE minerals present are zircon (pink) and pyrochlore (yellow).

## Elemental Department

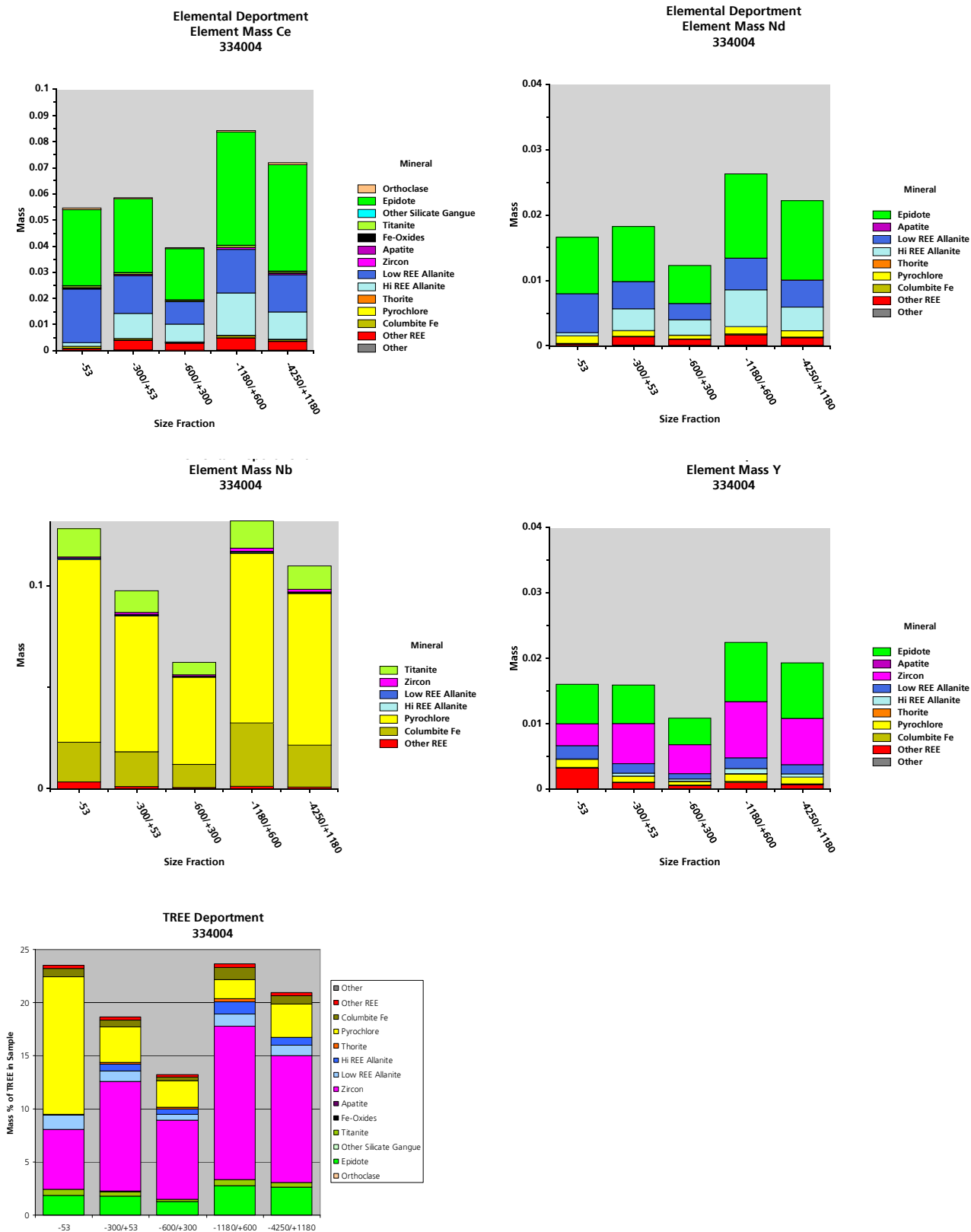
QEMSCAN modal analyses are combined with the mineral composition results from EPMA to produce element departments. For all samples, REE departments have been produced for Ce, Nd, Nb, Th and Y. Th is not included for sample 334004. A total REE department is also shown and includes all REE and Zr analysed during the EPMA investigation. Tabled data and departments for all REE elements from the EPMA analysis are available in the accompanying excel spreadsheet.

Size-by-size departments for sample 334002 are shown in Figure 11, 334004 in Figure 12 and 334016+334020 in Figure 13. Data are presented as mass percent of each element in the sample.

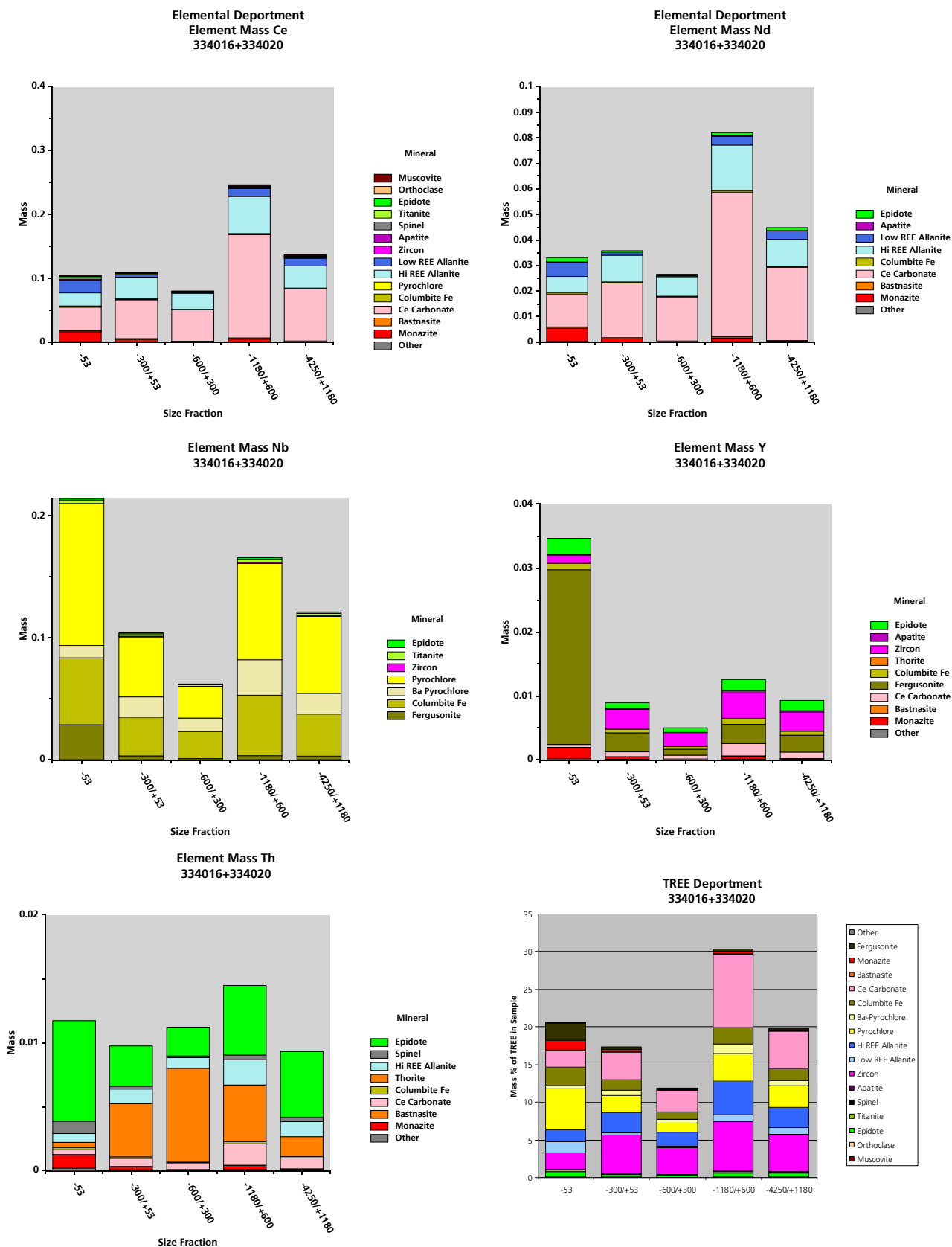




**Figure 11:** Size-by-size department of Ce, Nd, Nb, Y, Th and TREE for sample 334002. Data presented as mass percent of element in the sample.



**Figure 12:** Size-by-size department of Ce, Nd, Nb, Y and TREE for sample 334004. Data presented as mass percent of element in the sample.



**Figure 13:** Size-by-size department of Ce, Nd, Nb, Y, Th and TREE for sample 334016+334020. Data presented as mass percent of element in the sample.

#### Sample 334002

- 68.8% of all Ce is present in the high and low REE bearing allanites. 24.3% is present in solid solution in gangue in muscovite, orthoclase, epidote, titanite and apatite.
- 75.9% of all Nd occurs in REE minerals allanite and pyrochlore. 23.1% is present in solid solution in epidote and apatite.
- 90.3% of the total Nb occurs within pyrochlore (88.2%) and fergusonite (2.1%). Nb in solid solution within titanite and epidote gangue accounts for 9% of the distribution.
- 70% of Y occurs in REE minerals and zircon including 42.7% in fergusonite, 15.1% in pyrochlore and 10.3% in zircon. *(Note that fergusonite was not found during the EPMA analysis in any sample and hence a standard composition for Y-fergusonite is being used)*. Solid solution Y in epidote and apatite account for 29.5% of all Y.
- The total REE analysis shows 87.6% of all REE occur in REE minerals and zircon. Pyrochlore accounts for 53.7% of all REE, zircon 20% and the allanites 10.9%. 12.4% of REE are present in solid solution mostly in epidote and titanite.
- There does not appear to be an upgrading or preferential grinding effect relating to the particle size.

#### Sample 334004

- 54.3% of all Ce is present in solid solution in gangue with 52.2% present in epidote. The remaining Ce is in the low REE and high REE allanite (38.5%) and in the Other REE category,(4.8%) which is dominated by monazite (0.078wt% of sample).
- Nd deportment also shows 50.1% of all Nd present in solid solution in epidote. The allanites account for 38.8% of Nd while pyrochlore and Nd account for 4.8% and 5.4% Nd respectively.
- Nb in solid solution within gangue represents a small proportion of total Nb deportment with 10.5% present in titanite. The remainder occurs in REE minerals with 67.8% in pyrochlore and 18.9% in columbite.
- Epidote is the only gangue mineral containing Y in solid solution accounting for 39.7% of total Y. Y is also present in zircon (35.1% of total Y), pyrochlore (5.8% of total Y) and high REE allanite (2.5% of total Y).
- The total REE analysis for sample 334004 also shows 87.3% of all REE occurring in REE minerals and zircon. Zircon accounts for 49.7% of TREE and pyrochlore 23.7% of TREE. Columbite and the allanites account for 11.8% of TREE. REE in solid solution within gangue accounts for 12.7% of TREE and occurs predominantly in epidote followed by titanite.

#### Sample 334016+334020

- Less than 3.5% of Ce is present in solid solution in gangue minerals. The Ce carbonate phase is the dominant REE mineral Ce carrier accounting for 57.6% of all Ce, followed by the high REE bearing allanite at 25.5% of all Ce. Monazite accounts for 3.7% of Ce.
- Nd in solid solution in gangue also represents a small proportion of the total deportment with only 2.6% of all Nd occurring in epidote, orthoclase, muscovite

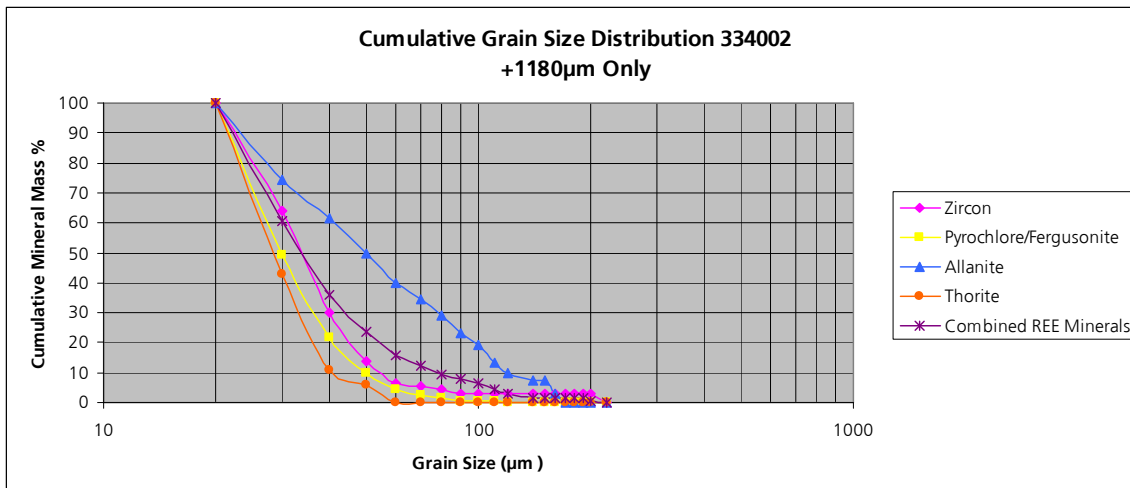
and titanite . Ce carbonate hosts 61.6% of all Nd followed by high REE allanite with 23.7% of Nd.

- 2.4% of Nb is present in solid solution in epidote and titanite. Pyrochlore hosts 49.8% of total Nb, Columbite 29% of Nb, Ba-pyrochlore 12.6% of Nb and Fergusonite 5.8% of Nb.
- Levels of Y in solid solution in gangue is higher than the proportion of Ce, Nd and Nb in gangue with 11.8% of total Y department present in epidote and apatite. Fergusonite is the primary REE mineral carrier of Y accounting for 52.5% of Y followed by zircon with 19.1% of Y, Ce Carbonate with 6.7% Y and Monazite with 4% Y.
- Th department shows 45.9% of Th is in solid solution in epidote and the FeMnAl Oxide phase (grouped into spinel). Thorite hosts 31.6% of Th, high REE allanite 10.4% of Th, Ce carbonate 7.2% of Th and monazite 3% of Th.
- REE in solid solution within gangue in sample 334016+334020 accounts for 3.75% of TREE. Zircon and Ce carbonate are the significant carriers of TREE followed by the allanites, pyrochlore and Ba-pyrochlore, columbite, fergusonite and monazite.

## Grain Size Averages

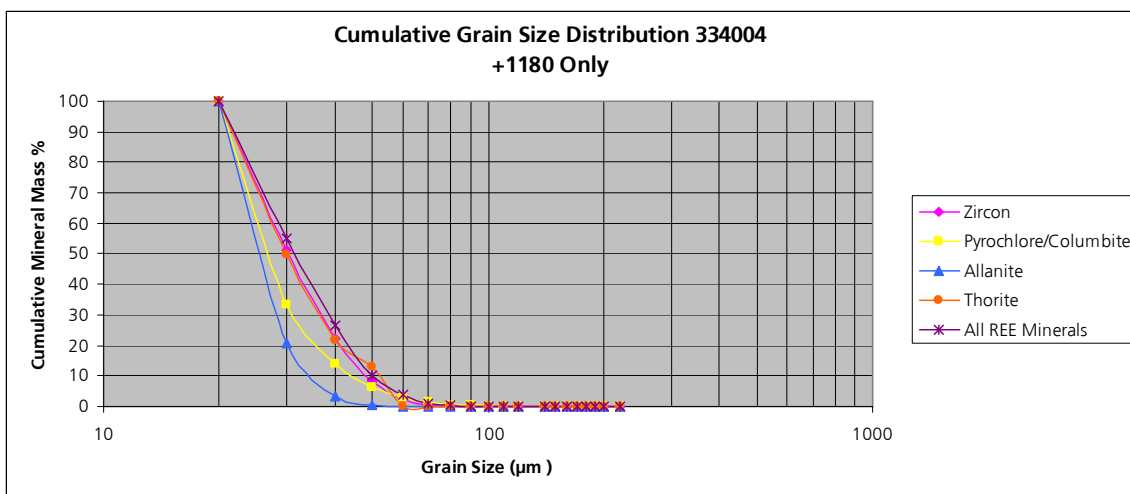
Grain size averages for REE minerals are available in the accompanying spreadsheet. The average grain size data shows that all REE bearing minerals, in all three samples, are fine grained and all less than 50  $\mu\text{m}$  in size.

A grain size distribution for closely associated REE minerals and all REE minerals (REE minerals + zircon) combined is shown in Figures 14, 15 and 16 for 334002, 334004 and 334016+334020 respectively. The reason for grouping the associated REE minerals together as well as reporting total REE mineral group grain sizes is that they often occur in association with one another. Development of a grinding strategy requires an understanding of size for multiphase REE bearing particles which don't necessarily require separation from one another, but only from non REE bearing particles. As these samples were fully sized for analysis bias due to grinding and liberation may be present. For this reason, only the +1180  $\mu\text{m}$  fraction for each sample was used to simulate in-situ grain size. Gangue phases containing solid solution REE were not included.



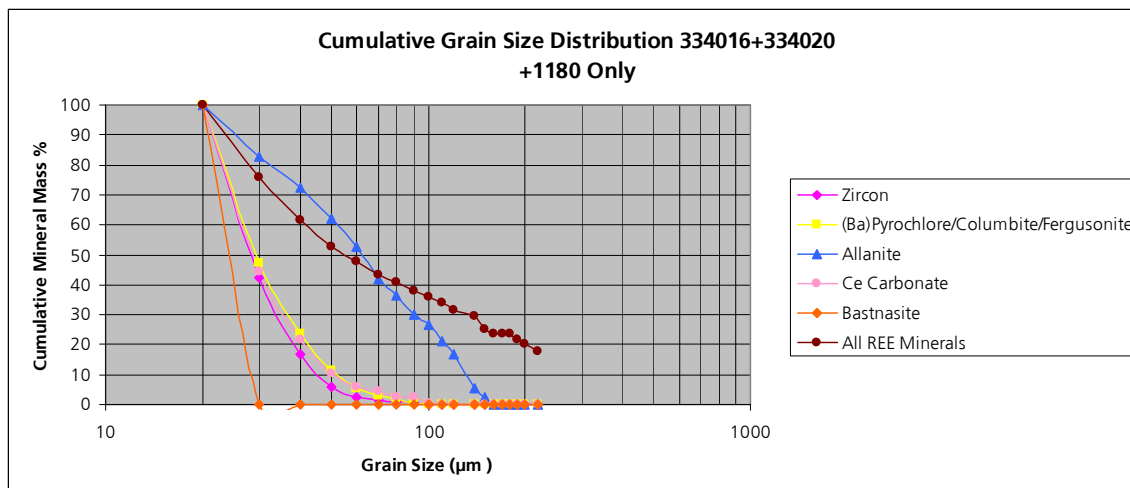
**Figure 14:** Cumulative grain size distribution of closely associated and combined REE minerals for sample 334002.

Figure 11 shows the allanites are coarser than the other minerals with 80% of the mass of allanite passing a 100 µm grain size. Pyrochlore, zircon and fergusonite are similar in distribution and show 80% of their mass passing between 30 µm and 50 µm.



**Figure 15:** Cumulative grain size distribution of closely associated and combined REE minerals for sample 334004.

Figure 12 shows all REE minerals are fine in grain size. A similar distribution to sample 334002 is seen with all REE minerals showing 80% of their mass passing between 30 µm and 50 µm. Allanite grains are finer in this sample than in sample 334002.



**Figure 16:** Cumulative grain size distribution of closely associated and combined REE minerals for sample 3340016+334020.

Figure 13 shows sample 334016+334020 is coarser grained than the previous zones. The allanites have a grain size distribution of 80% passing 110 µm. A similar distribution to sample 334002 is seen with the pyrochlore, zircon, Ce carbonate showing 80% of their mass passing between 30 µm and 50 µm. All REE minerals combined have 80% mass passing 200 µm. 16% of the mass of all REE minerals are coarser than 220 µm. This analysis confirms that the individual REE minerals are in textural association with one another in this sample. As a result the combined grain sizes are increased over the individual mineral grain sizes.

## Observations

### Sample 334002

- REO and ZrO<sub>2</sub> are distributed proportional to the mass in each size fraction, and REO and ZrO<sub>2</sub> grades are consistent across all size fractions.
- The host mineralogy is a texture of augite and diopside with veining of actinolite and orthoclase. Other phases include calcite, muscovite, epidote and titanite.
- REE minerals are predominantly pyrochlore, high and low REE bearing allanite, zircon and thorite.
- REE were identified in solid solution in epidote, titanite, orthoclase, muscovite and apatite.
- Epidote and the allanites are very closely associated.
- 68.8% of all Ce is present in the high and low REE bearing allanites. 24.3% is present in solid solution in gangue in muscovite, orthoclase, epidote, titanite and apatite.

- 75.9% of all Nd occurs in REE minerals allanite and pyrochlore. 23.1% is present in solid solution in epidote and apatite.
- More than 90% of the total Nb occurs within pyrochlore and lesser fergusonite. Nb in solid solution within titanite and epidote gangue accounts for 9% of the distribution.
- 70% of Y occurs in REE minerals and zircon including 42.7% in fergusonite, 15.1% in pyrochlore and 10.3% in zircon. Solid solution Y in epidote and apatite account for 29.5% of all Y.
- The total REE analysis shows 87.6% of all REE occur in REE minerals and zircon. Pyrochlore accounts for 53.7% of all REE, zircon 20% and the allanites 10.9%. 12.4% of REE are present in solid solution mostly in epidote and titanite.
- 80% of the mass of allanite passing a 100 µm grain size.
- Pyrochlore, zircon and fergusonite have a similar grain size distribution and show 80% of their mass passing between 30 µm and 50 µm.
- REO and ZrO<sub>2</sub> grades are consistent across all size fractions and show no upgrading during the crushing process.

## Sample 334004

- REO and ZrO<sub>2</sub> are distributed proportional to the mass in each size fraction, and REO and ZrO<sub>2</sub> grades are consistent across all size fractions.
- The mineralogy of sample 334004 is predominantly quartz, biotite, albite, epidote and chlorite.
- Pyrite is present as large euhedral crystals rimmed with magnetite.
- Calcite is the only carbonate present.
- REE mineralogy includes finely disseminated zircon, closely associated pyrochlore and columbite, high and low REE bearing allanites and trace amounts of thorite.
- REE were found in solid solution of apatite and epidote in 334004.
- 54.3% of all Ce is present in solid solution in gangue with 52.2% present in epidote. The remaining Ce is in the low REE and high REE allanite (38.5%) and in the Other REE category,(4.8%) which is dominated by monazite (0.078wt% of sample).
- Nd deportment also shows 50.1% of all Nd present in solid solution in epidote. The allanites account for 38.8% of Nd while pyrochlore and Nd account for 4.8% and 5.4% Nd respectively.
- Nb in solid solution within gangue represents a small proportion of total Nb deportment with 10.5% present in titanite. The remainder occurs in REE minerals with 67.8% in pyrochlore and 18.9% available in columbite.
- Epidote is the only gangue mineral containing Y in solid solution accounting for 39.7% of total Y. Y is also present in zircon (35.1% of total Y), pyrochlore (5.8% of total Y) and high REE allanite (2.5% of total Y).
- The total REE analysis for sample 334004 also shows 87.3% of all REE occurring in REE minerals and zircon. Zircon accounts for 49.7% of TREE and pyrochlore 23.7% of TREE. Columbite and the allanites account for 11.8% of TREE. REE in solid solution within gangue accounts for 12.7% of TREE and occurs predominantly in epidote followed by titanite.
- REE minerals are fine in grain size.



- All REE minerals show 80% of their mass passing between 30 µm and 50 µm.
- REO and ZrO<sub>2</sub> grades are consistent across all size fractions and show no upgrading during the crushing process.

## Sample 334016+334020

- REO and ZrO<sub>2</sub> are distributed proportional to the mass in each size fraction, and REO and ZrO<sub>2</sub> grades are consistent across all size fractions.
- Mineralogy is predominantly quartz and albite, with magnetite, epidote, chlorite, biotite and muscovite.
- Pyrite is present mostly as large euhedral crystals rimmed with magnetite.
- Calcite, Fe-dolomite and ankerite are all present and included in the grouping of calcite.
- REE mineralogy includes disseminated zircon, closely associated pyrochlore, Ba-pyrochlore and columbite, high REE bearing allanites, an unknown species of Ce carbonate/oxide and trace amounts of bastnasite and monazite.
- Less than 3.5% of Ce is present in solid solution in gangue minerals. The Ce carbonate phase is the dominant REE mineral Ce carrier accounting for 57.6% of all Ce followed by the high REE bearing allanite at 25.5% of all Ce. Monazite accounts for 3.7% of Ce.
- Nd in solid solution in gangue also represents a small proportion of the total department with only 2.6% of all Nd occurring in epidote, orthoclase, muscovite and titanite. Ce carbonate hosts 61.6% of all Nd followed by high REE allanite with 23.7% of Nd.
- 2.4% of Nb is present in solid solution in epidote and titanite. Pyrochlore hosts 49.8% of total Nb, Columbite 29% of Nb, Ba-pyrochlore 12.6% of Nb and Fergusonite 5.8% of Nb.
- Levels of Y in solid solution in gangue is higher than the proportion of Ce, Nd and Nb in gangue with 11.8% of total Y department present in epidote and apatite. Fergusonite is the primary REE mineral carrier of Y accounting for 52.5% of Y followed by zircon with 19.1% of Y, Ce Carbonate with 6.7% Y and Monazite with 4% Y.
- Th department shows 45.9% of Th is in solid solution in epidote and the FeMnAl Oxide phase. Thorite hosts 31.6% of Th, high REE allanite 10.4% of Th, Ce carbonate 7.2% of Th and monazite 3% of Th.
- REE in solid solution within gangue in sample 334016+334020 accounts for 3.75% of TREE. Zircon and Ce carbonate are the significant carriers of TREE followed by the allanites, pyrochlore and Ba-pyrochlore, columbite, fergusonite and monazite.
- EO and ZrO<sub>2</sub> grades are consistent across all size fractions and show no upgrading during the crushing process.

## Conclusions

- The assay summary shows sample 334016+334020 has the highest TREE (Total Rare Earth Element) and TREO (Total Rare Earth Oxide) grade as well as the greatest ratio of HREO (Heavy Rare Earth Element Oxides: Eu to Lu, Y) to TREO.

- REO and ZrO<sub>2</sub> grades are consistent across all size fractions and show no upgrading during the crushing process.
- Sample 334002 shows distinct gangue mineralogy from samples 334004 and 334016+334020
- REE-bearing minerals identified in the samples are:
  - High and low REE bearing allanites
  - Ba-Pyrochlore and Pyrochlore
  - Fe-Columbite
  - Ce carbonate
  - Fergusonite
  - Thorite
  - Bastnasite
  - Monazite
- QEMSCAN and EPMA analysis have identified Y-bearing zircon in all the samples
- EPMA analysis indicates that epidote and titanite consistently contains low levels of REE in all samples.
- REE in solid solution is also present in muscovite, orthoclase, apatite and FeMn(Al) spinel.
- All samples exhibit a common zoned allanite texture which represents highly variable REE content within the allanite species.
- The TREE deportment for 334002 shows 87.6% of TREE occurs in REE minerals and zircon.
- The TREE deportment for 334004 shows 87.3% of TREE occurs in REE minerals and zircon.
- The TREE deportment for 334002 shows 96.2% of TREE occurs in REE minerals and zircon.
- For the REE in solid solution in gangue phases, epidote and titanite are the most significant carriers.
- Grain size analysis shows that the REE minerals are fine grained (<50 µm) for all samples. Allanites sometimes are coarser grained which can range from 50 µm to 110 µm.
- Combined grain size data for all REE species indicate the finest average grain sizes are still very fine with the exception of sample 334016+334020 which shows a much coarser combined REE grain size.

**APPENDIX 7**

**Logistics Report for the High Resolution Airborne  
Geophysical Survey**

Report prepared for Great Western Minerals Group by New-Sense Geophysis Limited.

**Logistics  
Report**

For the

**High Resolution Helicopter Magnetic and  
Gamma-ray Spectrometric Airborne Geophysical Survey**

Flown over

**TRUE BLUE Property,  
Watson Lake Mining District, Yukon**

From

**True Blue Camp, Yukon**

Carried out on behalf of

**GREAT WESTERN MINERALS GROUP LTD.**

By

**New-Sense Geophysics Limited**



Toronto, Canada  
August 11<sup>th</sup>, 2010  
(HMR05062010-report)

## TABLE OF CONTENTS

<b>1. INTRODUCTION.....</b>	<b>4</b>
<b>2 SURVEY LOCATION.....</b>	<b>5</b>
<b>3. PERSONNEL .....</b>	<b>6</b>
3.1 FIELD OPERATIONS .....	6
3.2 OFFICE DATA PROCESSING AND OFFSITE QA/QC .....	6
3.3 PROJECT MANAGEMENT .....	6
<b>4. SURVEY PARAMETERS .....</b>	<b>7</b>
<b>5. AIRCRAFT AND EQUIPMENT .....</b>	<b>8</b>
5.1 AIRCRAFT.....	8
5.2 AIRBORNE GEOPHYSICAL SYSTEM .....	8
5.2.1 MAGNETOMETER.....	8
5.2.2 MAGNETIC COMPENSATION .....	8
5.2.3 GPS NAVIGATION .....	9
5.2.4 ALTIMETER .....	9
5.2.5 GEOPHYSICAL FLIGHT CONTROL SYSTEM.....	9
5.2.6 SPECTROMETER .....	9
5.2.7 IDAS DIGITAL RECORDING.....	10
5.2.8 PRESSURE AND TEMPERATURE.....	10
5.2.9 SPECTROMETER DIGITAL RECORDING.....	10
5.3 GROUND MONITORING SYSTEM .....	10
5.3.1 BASE STATION MAGNETOMETER .....	10
5.3.2 RECORDING.....	10
5.4 FIELD COMPILATION SYSTEM.....	11
<b>6. PRE-SURVEY SPECTROMETER CALIBRATIONS.....</b>	<b>12</b>
6.1 ENERGY WINDOWS .....	12
6.2 CALIBRATION PAD TEST .....	13
6.3 COSMIC FLIGHT TEST .....	13
6.3.1 SETUP AND MEASUREMENT PROCEDURE .....	13
6.3.2 RESULTS FROM COSMIC FLIGHT TEST .....	14
6.4 ALTITUDE ATTENUATION TEST .....	14
6.4.1 RESULTS FROM ALTITUDE ATTENUATION TEST .....	14
6.5 RADON HOVER TEST .....	15
6.6 RADIOELEMENT GROUND CONCENTRATIONS AND SYSTEM SENSITIVITIES .....	16
<b>7. OPERATIONS AND PROCEDURES .....</b>	<b>17</b>

<b>7.1</b>	<b>FLIGHT PLANNING AND FLIGHT PATH .....</b>	<b>17</b>
<b>7.2</b>	<b>BASE STATION.....</b>	<b>17</b>
<b>7.3</b>	<b>AIRBORNE MAGNETOMETERS .....</b>	<b>18</b>
<b>7.4</b>	<b>THORIUM RESOLUTION TESTS.....</b>	<b>18</b>
<b>7.5</b>	<b>DATA COMPILATION .....</b>	<b>18</b>
7.5.1	FLIGHT PATH CORRECTIONS .....	18
7.5.2	DIGITAL TERRAIN MODEL (DTM) .....	20
7.5.3	MAGNETIC CORRECTIONS .....	20
7.5.3.1	DIURNAL CORRECTIONS.....	20
7.5.3.2	LAG CORRECTIONS .....	21
7.5.3.3	HEADING CORRECTIONS.....	21
7.5.3.4	IGRF CORRECTIONS .....	23
7.5.3.5	LEVELING CORRECTIONS .....	23
7.5.4	VERTICAL DERIVATIVE.....	24
7.5.5	RADIOMETRIC DATA CORRECTIONS.....	24
7.5.5.1	LIVE TIME CORRECTIONS.....	24
7.5.5.2	PRE-FILTERING.....	24
7.5.5.3	AIRCRAFT AND COSMIC BACKGROUND.....	25
7.5.5.4	RADON CORRECTIONS .....	25
7.5.5.5	COMPTON STRIPPING.....	26
7.5.5.6	EQUIVALENT HEIGHT AT STP .....	27
7.5.5.7	ATTENUATION CORRECTIONS .....	28
7.5.5.8	CONVERSION TO APPARENT RADIOELEMENT CONCENTRATIONS .....	28
7.5.5.9	GRIDDING.....	29
7.5.5.10	TERNARY IMAGE.....	29
<b>8.</b>	<b><u>MAP PRODUCTS AND DIGITAL DATA DELIVERABLES .....</u></b>	<b><u>30</u></b>
<b>9.</b>	<b><u>SUMMARY.....</u></b>	<b><u>31</u></b>
<b><u>APPENDIX A:</u></b>	<b><u>BACKGROUND AND COSMIC TESTS CHARTS .....</u></b>	<b><u>32</u></b>
<b><u>APPENDIX B:</u></b>	<b><u>FOM RESULTS.....</u></b>	<b><u>36</u></b>
<b><u>APPENDIX C:</u></b>	<b><u>DATABASE DESCRIPTIONS .....</u></b>	<b><u>39</u></b>
<b><u>APPENDIX D:</u></b>	<b><u>RSX-5 SPECTROMETER (SN 5503): DAILY RESOLUTION TESTS RESULTS.....</u></b>	<b><u>42</u></b>
<b><u>APPENDIX E:</u></b>	<b><u>IMAGES OF FINAL MAPS.....</u></b>	<b><u>46</u></b>
<b><u>APPENDIX F:</u></b>	<b><u>COPY OF THE CONTRACT .....</u></b>	<b><u>54</u></b>

## 1. INTRODUCTION

A high sensitivity helicopter magnetic and gamma-ray spectrometric airborne survey was carried out for GREAT WESTERN MINERALS GROUP LTD. (Client) over a property known as True Blue, located ~50Km south of the town of Ross River, Yukon, Canada. New-Sense Geophysics (NSG) flew the survey under the terms of an agreement with Client dated May 6<sup>th</sup>, 2010 (see Appendix F).

The survey was flown between July 11<sup>th</sup> and July 18<sup>th</sup>, 2010. A total of 994 line-kilometers of field magnetic and radiometric data was flown, collected, processed and plotted.

Geophysical equipment was comprised of 1 high-sensitivity Cesium-3 magnetometer mounted in a fixed stinger assemble, and a 1024-channel spectrometer with four downward looking crystals (total 16 liters) and one upward looking crystal (total 4 liters). Airborne ancillary equipment included digital recorders, flux gate magnetometer, radar altimeter and global positioning system (GPS) receiver, which provided accurate real-time navigation and subsequent flight path recovery. Surface equipment included a magnetic base station with GPS time synchronization, and a PC-based field workstation, which was used to check the data quality and completeness on a daily basis.

The technical objective of the survey was to provide high-resolution total field magnetic (TMI) and radiometric maps suitable for anomaly delineation, detailed structural evaluation, and identification of lithologic trends. Fully corrected magnetic and radiometric maps were prepared by New-Sense Geophysics Limited, in their Toronto office after the completion of survey activities.

This report describes the acquisition, processing, and presentation of data for True Blue Property, flown from True Blue Camp, Yukon.

## 2 SURVEY LOCATION

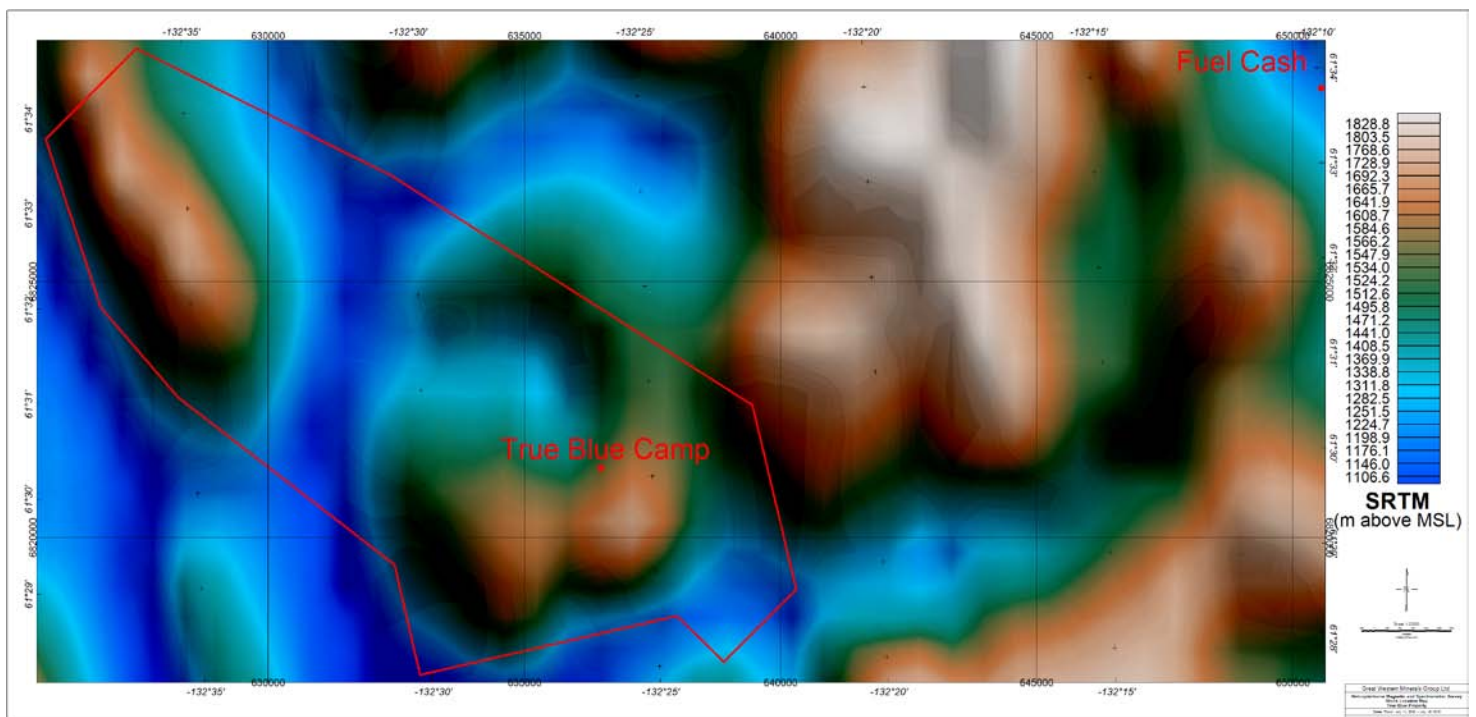
Datum: NAD83

Projection: Universal Transverse Mercator Zone 8N

Local Datum Transform: North America (all Canada and USA subunits)

**Table 1**

UTM Zone 8N	
NAD83_X	NAD83_Y
639446	6822594
640307	6818994
638893	6817580
637980	6818482
632966	6817328
632462	6819478
628234	6822749
626729	6824500
625654	6827784
627422	6829552
632406	6827073
639446	6822594



**Figure 1.** Location map depicting True Blue Survey Block outline in red over Shuttle Radar Topography Mission (SRTM) at ~920m resolution grid. The coordinate system is NAD83, North America (all Canada and USA subunits), Zone 8N.



### **3. PERSONNEL**

#### **3.1 FIELD OPERATIONS**

New-Sense Geophysics Ltd.: (Geophysicist)	Chris Evans
Fireweed helicopters, Pilot:	RJ Price

#### **3.2 OFFICE DATA PROCESSING AND OFFSITE QA/QC**

QA/QC (NSG):	Andrei Yakovenko
QA/QC (Client representative):	Paul Cartwright
Data Processing and Grids (NSG):	Andrei Yakovenko Chris Evans Sean Plener
Maps (NSG):	Andrei Yakovenko
Logistics Report (NSG):	Andrei Yakovenko

#### **3.3 PROJECT MANAGEMENT**

New-Sense Geophysics Ltd.:	Andrei Yakovenko
Great Western Minerals Group Ltd. representative:	Paul Cartwright

#### 4. SURVEY PARAMETERS

Traverse Line spacing:	100 meters
Control Line spacing:	1000 meters
Nominal Terrain clearance:	30 meters
Average Terrain clearance:	41 meters
Navigation:	Global Positioning System
Traverse Line direction:	45, 225 deg.
Control Line direction:	135, 315 deg.
Measurement interval:	0.1 sec for magnetics; 1.0 sec for radiometrics and GPS
Ground speed (average):	103 km/hr
Measurement spacing (average):	2.86 meters/0.1 sec, 28.6 meters/1 sec
Airborne Digital Record:	Line Number Flight Number Radar Altimeter Total Field Magnetics Live Time Thorium counts Potassium counts Uranium counts Upward looking Uranium counts Cosmic counts Down Spectrum Up Spectrum Total Counts Time (System and GPS) Raw Global Positioning System (GPS) data Magnetic compensation parameters (fluxgate mag.)
Base Station Record:	Ambient Total Field Magnetics Raw Global Positioning System (GPS) data Time (System and GPS)

## **5. AIRCRAFT AND EQUIPMENT**

### **5.1 AIRCRAFT**

The aircraft used was a Bell 206B helicopter (C-GFWZ) equipped with a Cesium magnetometer mounted in a fixed stinger assembly and RS-500 airborne spectrometer mounted in the storage compartment. The aviation company providing the aircraft service was Fireweed Helicopters based in Dawson, Yukon, Canada.

### **5.2 AIRBORNE GEOPHYSICAL SYSTEM**

#### **5.2.1 MAGNETOMETER**

One Scintrex CS-3 optically pumped Cesium split beam sensor was mounted in a fixed stinger assembly. The magnetometer's Larmor frequency output was processed by a KMAG-4 magnetometer counter, which provides a resolution of 0.15 ppm (in a magnetic field of 50,000 nT, resolution equivalent to 0.0075 nT). The raw magnetic data was recorded at 50 Hz, anti-aliased with 51 point COSINE filter, and resampled at 10 Hz .

#### **5.2.2 MAGNETIC COMPENSATION**

The proximity of the aircraft to the magnetic sensor creates a measurable anomalous response as a result of the aircraft's movement. The orientation of the aircraft with respect to the sensor and the motion of the aircraft through the earth's magnetic field are contributing factors to the strength of this response. A special calibration flight, Figure of Merit (i.e., FOM), was flown to record the information necessary to compensate for these effects.

The FOM maneuvers consist of a series of calibration lines flown at high altitude to gain information in each of the required line directions. During this procedure, pitch, roll and yaw maneuvers are performed on the aircraft (typical angle ranges are 10° pitch, 10° roll, and 10° yaw). Each variation is conducted three times in succession (first pitch, then roll, then yaw), providing a complete picture of the aircraft's effects at designated headings in all orientations.

A three-axis Bartington fluxgate magnetometer (recorded at 50 Hz) was used to measure the orientation and rates of change of the magnetic field of the aircraft, away from localized terrestrial magnetic anomalies. The QC Tools digital compensation algorithm was then applied to generate a correction factor to compensate for permanent, induced, and eddy current magnetic responses generated by the aircraft's movements.

### **5.2.3 GPS NAVIGATION**

A U-BLOX RCB-LJ sixteen channel GPS receiver, which is an integral component of the iNAV V3 computer system, was used to run the flight control system and provide precise positioning of the aircraft.

### **5.2.4 ALTIMETER**

A TRA 3500 radar altimeter was mounted inside the stinger. This instrument operates with a linear performance over the range of 0 to 2,500 feet, and records the terrain clearance of the sensors. The raw radar altimeter data was recorded at 50 Hz, anti-aliased with a 21 point COSINE filter, and re-sampled at 10 Hz.

### **5.2.5 GEOPHYSICAL FLIGHT CONTROL SYSTEM**

New-Sense's iNAV V3 geophysical flight control system monitored and recorded magnetometer, spectrometer, altimeter, and GPS equipment performance. Input from the various sensors was monitored every 0.005 seconds for the precise coordination of geophysical and positional measurements. The input was recorded fifty times per second (one time per second in the case of GPS and radiometric data).

GPS positional coordinates and terrain clearance were presented to the pilot by means of a panel mounted indicator display. The magnetometer response, forth difference, altimeter profile and profiles of the radiometric windows were also available on the touch screen display, for real-time monitoring of equipment performance.

### **5.2.6 SPECTROMETER**

The RS-500 Airborne Spectrometer with RSX-5 detector pack, manufactured by Radiation Solutions Inc. (RSI), was used for the survey. The RS-500 spectrometer has a multi-peak gain stabilization algorithm and is capable of recording 1024 channels with accuracy of 0.1 to 10 counts/second.

The RS-500 is connected to a crystal pack comprising four downward looking crystals (16 liters total) and one upward looking crystal (4 liters total). The downward crystals record the radiometric spectrum from 410 KeV to 2810 KeV over 1024 discrete energy windows, as well as from a cosmic ray channel that detects photons with energy levels above 3.0 MeV. From these 1024 channels, the standard Total Count, Potassium, Uranium and Thorium channels are extracted. The upward crystal is used to measure and correct for atmospheric Radon interference. The shock-protected Sodium Iodide (Thallium) crystal package is unheated and automatically stabilizes with respect to the multiple peaks. The RS-500 provides raw data that has been automatically corrected for gain, base level, ADC offset, and dead time.

### **5.2.7 IDAS DIGITAL RECORDING**

The output of the CS-3 magnetometer, fluxgate magnetometer, altimeter, temperature, pressure, GPS coordinates, and time (system and GPS), were recorded digitally on a Compact Flash drive at a sample rate of fifty times per second (one time per second for GPS) by the iNAV V3 system.

### **5.2.8 PRESSURE AND TEMPERATURE**

A Honeywell Precision Pressure Transducer, model PPT0020AWN2VA-A, was used to record the ambient pressure and temperature during the survey. The device was mounted in the stinger. The pressure and temperature outputs units were mbar and degrees Celcius respectively.

### **5.2.9 SPECTROMETER DIGITAL RECORDING**

The output of the RS-500 spectrometer, GPS coordinates, and time (UTC) were recorded digitally on an internal RS-500 flash drive at a sample rate of 1 Hz. After each flight the data were copied and synchronized using UTC clock with the iDAS digital records.

## **5.3 GROUND MONITORING SYSTEM**

### **5.3.1 BASE STATION MAGNETOMETER**

A Scintrex CS-3 optically pumped cesium split beam sensor was used at the base of operations within the airport boundaries, in an area of low magnetic gradient and low/free from cultural electric & magnetic noise sources. The sensitivity and absolute accuracy of the ground magnetometer is +/- 0.01nT. Data was recorded continuously at least every one second throughout all survey operations in digital form on a TC-10 data acquisition system. Both the ground and airborne magnetic readings were synchronized based on the GPS clock.

### **5.3.2 RECORDING**

The output of the magnetic and GPS monitors was recorded digitally on a dedicated TC 10 computer. A visual record of the last three hours was graphically maintained on the computer screen to provide an up to date appraisal of magnetic activity. At the conclusion of each production flight raw GPS and magnetic data were transferred to the main field compilation computer.

#### **5.4 FIELD COMPILATION SYSTEM**

A field laptop computer was used for field data processing and presentation. The raw data was imported to Geosoft Oasis montaj for QA/QC and processing purposes. After the data was checked for quality control, the database with uncompensated magnetic readings was exported to QC Tools software package for magnetic compensation and base station data merging purposes. The compensated database was then imported back to Oasis for the subsequent and final processing.

## 6. PRE-SURVEY SPECTROMETER CALIBRATIONS

Pre-survey calibrations and testing of the RS-500 (SN 5503) airborne gamma-ray spectrometry system were carried out on July 10<sup>th</sup>, 2010 (at the installation base in Dawson, YT) and July 12<sup>th</sup>, 13<sup>th</sup>, 2010 (in the vicinity of True Blue property). For these calibrations and tests, the survey aircraft (registration C-GFWZ) was mobilized in survey configuration. The installed equipment and configurations were selected to conform to contract technical specifications.

Calibration of the spectrometer system is a vital process to airborne gamma-ray spectrometry. The calibration of the spectrometer system involved three tests:

- **Calibration Pad** measurements, which are used to determine the “spectral overlap” (Compton scattering) coefficients. The calibration test was performed within a 12 month period before the survey by the manufacturer (Radiation Solutions Inc.), at its headquarters location in Mississauga, Ontario.
- **Cosmic Flight Test**, which is used to determine the aircraft background values and cosmic coefficients (conducted on July 12<sup>th</sup>, 2010, in the vicinity of True Blue property).
- **Height Attenuation Test**, which determined the altitude attenuation coefficients (conducted on July 13<sup>th</sup>, 2010, in the vicinity of True Blue property).

### 6.1 ENERGY WINDOWS

The airborne radiometric technique requires measurement of count rates for specific energy regions or windows in the natural gamma-ray spectrum. The standard energy regions (in accordance with the International Atomic Energy Agency (IAEA) 323]), and their corresponding channel limits are:

**Downward Spectrometer Energy Windows**

Designation	Energy Limit (keV)		Channel Limit (inclusive)	
	Lower	Upper	Unit Values	
			Lower	Upper
Total Count (TC)	410	2810	137	937
K	1370	1570	457	523
U	1660	1860	553	620
Th	2410	2810	803	937
U (upward)	1660	1860	553	620
Cosmic	3200	infinity		

## 6.2 CALIBRATION PAD TEST

The Compton stripping coefficients as provided by RSI are listed below:

Stripping Ratios	Spectrometer (SN 5503)	“normal” values
Th into U ( $\alpha = a_{23}/a_{33}$ )	0.284	0.250
Th into K ( $\beta = a_{13}/a_{33}$ )	0.432	0.400
U into K ( $\gamma = a_{12}/a_{22}$ )	0.771	0.810
U into Th ( $a = a_{32}/a_{22}$ )	0.039	0.060
K into Th ( $b = a_{31}/a_{11}$ )	-0.001	0
K into U ( $g = a_{21}/a_{11}$ )	0.001	0.003

## 6.3 COSMIC FLIGHT TEST

In each of the spectral windows, the radiation increases exponentially with height due to radiation of cosmic origin. As well, the aircraft itself contributes a constant background to the count rate. By completing a series of flights within the same region, over a range of altitudes, these background contributions can be determined.

### 6.3.1 SETUP AND MEASUREMENT PROCEDURE

1. A resolution check was completed at the aircraft base using a Thorium source prior to the cosmic test to insure the sensitivity and accuracy of the spectrometer.
2. Once the aircraft reached the desired altitude (first at ~8500 feet), survey data was recorded for approximately ten minutes.
3. Step 2. was then repeated at the following remaining altitudes: 9500, 10500, and 11,500 feet above sea level.

Altitude (ft)	Cosmic Test Flight Data (average counts)					
	Cosmic	UU	K	U	Th	TC
8500	200	3	22	12	13	293
9500	234	4	25	14	15	334
10500	270	4	28	17	18	378
11500	319	5	30	19	22	429



### 6.3.2 RESULTS FROM COSMIC FLIGHT TEST

At each altitude, the data for the five windows of interest (Th, K, U, TC, and U upward) were evaluated for quality. The mean values were then extracted and plotted against the cosmic background window (see Appendix A). The result is a linear trend, where the slope and intercept represent the cosmic stripping ratio and the aircraft background respectively. The results from the graphs are summarized below.

**Calculated Cosmic and Aircraft Background Coefficients Table**

	<b>Cosmic Flight Test Result from</b>	
	Cosmic Stripping	Aircraft Background
K	0.0676	8.9613
U	0.0604	0.0428
Th	0.0668	0
TC	1.146	65.405
UU	0.0153	0.0905

### 6.4 ALTITUDE ATTENUATION TEST

The height attenuation of the spectrometer systems was calculated by flying a series of passes across a line over flat ground with uniform radioelement ground concentration. The test range was flown by acquiring data on a series of seven passes over a set path, at the following altitudes: 50, 100, 150, 200, 300, 400, 600, 800 and 1000 feet above ground

#### 6.4.1 RESULTS FROM ALTITUDE ATTENUATION TEST

The airborne data from the altitude attenuation test was checked for quality, edited and divided into lines, where each line represents a pass. The radiometric windows were then corrected for background (aircraft and cosmic) and stripped of Compton contributions. After averaging the data for each line, the four windows of interest (K, U, Th, and Total Count) were plotted against the altimeter in order to obtain the height attenuation (see Appendix A). The results were obtained using an exponential regression, where the slope represents the attenuation coefficient and the 'y' intercept represents the counts at 0 feet.

**Calculated Height Attenuation Coefficient**

<b>Element</b>	<b>Altitude attenuation coefficients</b>
K	-0.0082
U	-0.0055
Th	-0.0064
TC	-0.0061

## 6.5 RADON HOVER TEST

The determination of calibration constants that enable the stripping of the effects of atmospheric radon from the downward-looking detectors through the use of an upward looking detector is divided into two parts:

1) Determining the relationship between the upward and downward looking detector count rates for radiation due to atmospheric radon.

The procedures describing how to determine these calibration factors are documented in IAEA Report #323 on airborne gamma-ray surveying.

The hover tests or test lines normally require many over-water measurements where there are little to no contributions from the ground. Where this is not possible, it is standard procedure to establish a test line/spot over ground where a series of repeat measurements are acquired.

A test area was established over a flat ground near the base of operation. Each day when flying took place the aircraft hovered over the test area for ~5 min. The test results were used to estimate the relationships between the background and cosmic corrected counts in the downward uranium window and in the other four windows (i.e., potassium, thorium, total count and upward uranium) due to atmospheric radon. The following relationship coefficients were calculated and used.

Note: Only the “a” constants were used in the final processing. The “b” constants are normally near zero for over-water calibrations.

auu:	0.2104	Upward Uranium vs down Uranium slope
ak	1.1842	Potassium vs down Uranium slope
at	0.2401	Thorium vs down Uranium slope
ai	13.241	Total Count vs down Uranium slope
buu	-1.4342	Upward Uranium background
bk	71.94	Potassium background
bt	15.736	Thorium background
bi	558.61	Total Count background

2) Determining the relationship between the upward and downward looking detector count rates for radiation originating from the ground using complete survey dataset.

The component of the upward detector count rate originating from the ground depends on the concentration of uranium and thorium in the ground, as are the components of the uranium and thorium down window count rates that originate from the ground (see IAEA Report #323). Consequently the upward detector ground component is related to the downward detector ground components by linear equation:

$$u_g = a_1 U_g + a_2 T_g$$

**Where:**

- $u_g$ ,  $U_g$  and  $T_g$  are contributions in the windows that originate from the ground.
- $a_1$  and  $a_2$  are empirically determined calibration factors

After applying the procedure in determining the  $a_1$  and  $a_2$  calibration factors, as per IAEA Report # 323, the  $a_1$  and  $a_2$  were found to be:

a1:	0.073769
a2:	0.022125

## 6.6 RADIOELEMENT GROUND CONCENTRATIONS AND SYSTEM SENSITIVITIES

The radiometric ground concentrations were measured using a calibrated portable spectrometer (RSI-125) during the same time as the airborne altitude attenuation flight took place. The sensor was positioned one metre above the soil and away from the operators' body in the vicinity of altitude attenuation test strip. Twenty-six 300-second measurements were taken over the length of the calibration range.

The resulting mean radiometric equivalent ground concentrations for the calibration range on July 13, 2010 were as follows:

Radio Element	Ground Concentration	
Potassium	1.415	%
Equivalent Uranium	2.381	ppm
Equivalent Thorium	10.665	ppm
Total	60.115	nGy/h

Using these ground concentrations and the altitude attenuation calibration flight data, the System Sensitivities were obtained:

$$S = N/C$$

**Were:**

- $S$  is the sensitivity for each window
- $N$  is the striped count rate in the window at the survey altitude (i.e, 30m)
- $C$  is the respective ground radioelement concentration.

With the following results:

	Sensitivities @ 30m
<b>K</b>	91.89 cps/%
<b>U</b>	8.23 cps/ppm
<b>Th</b>	3.95 cps/ppm
<b>TC</b>	23.99 cps/nGy/h

## 7. OPERATIONS AND PROCEDURES

### 7.1 FLIGHT PLANNING AND FLIGHT PATH

The block outline coordinates (section 2.0) were used to generate pre-calculated navigation files. The navigation files were used to plan flights at the designated traverse line spacing of 100 meters and control lines of 1000 meters.

Preliminary flight path maps and magnetic maps were plotted and updated, to monitor coverage of the survey area.

### 7.2 BASE STATION

A magnetic base station was established in a magnetically quiet area in the vicinity of the camp (see Figure 2). The base station was placed at Latitude: 61.503623; Longitude: -132.433676.

The base station was monitored to ensure that the diurnal variation was within the peak-to-peak envelope of 20 nT from a long chord distance equivalent to a period of two minutes.



**Figure 2.** Base station setup images. Left image: GPS antenna. Right-above: Computer, battery. Right-below: CS3 magnetometer sensor head.

### **7.3 AIRBORNE MAGNETOMETERS**

An FOM test of the performance of the CS-3 and fluxgate magnetometers was performed in order to monitor the ability of the system to remove the effects of aircraft motion on the magnetic measurement.

The FOM maneuvers consisted of a series of calibration lines flown at high altitude (10,000+ ft above sea level) to gain information in each of the required line directions. During this procedure, pitch, roll and yaw maneuvers were performed on the aircraft.

The following ranges were used:

Pitch – 15°

Roll - 10°

Yaw -10°

See Appendix B for the FOM results as flown on July 12<sup>th</sup>, 2010.

### **7.4 THORIUM RESOLUTION TESTS**

In order to monitor the resolution of the crystal pack, a daily a resolution test of the spectrometer was performed in RadAssist (RSX-5 spectrometer interface program) using ~2000 Thorium background counts per crystal.

The results from the resolution tests were always found to be within the contract specifications (See Appendix D for the daily test results).

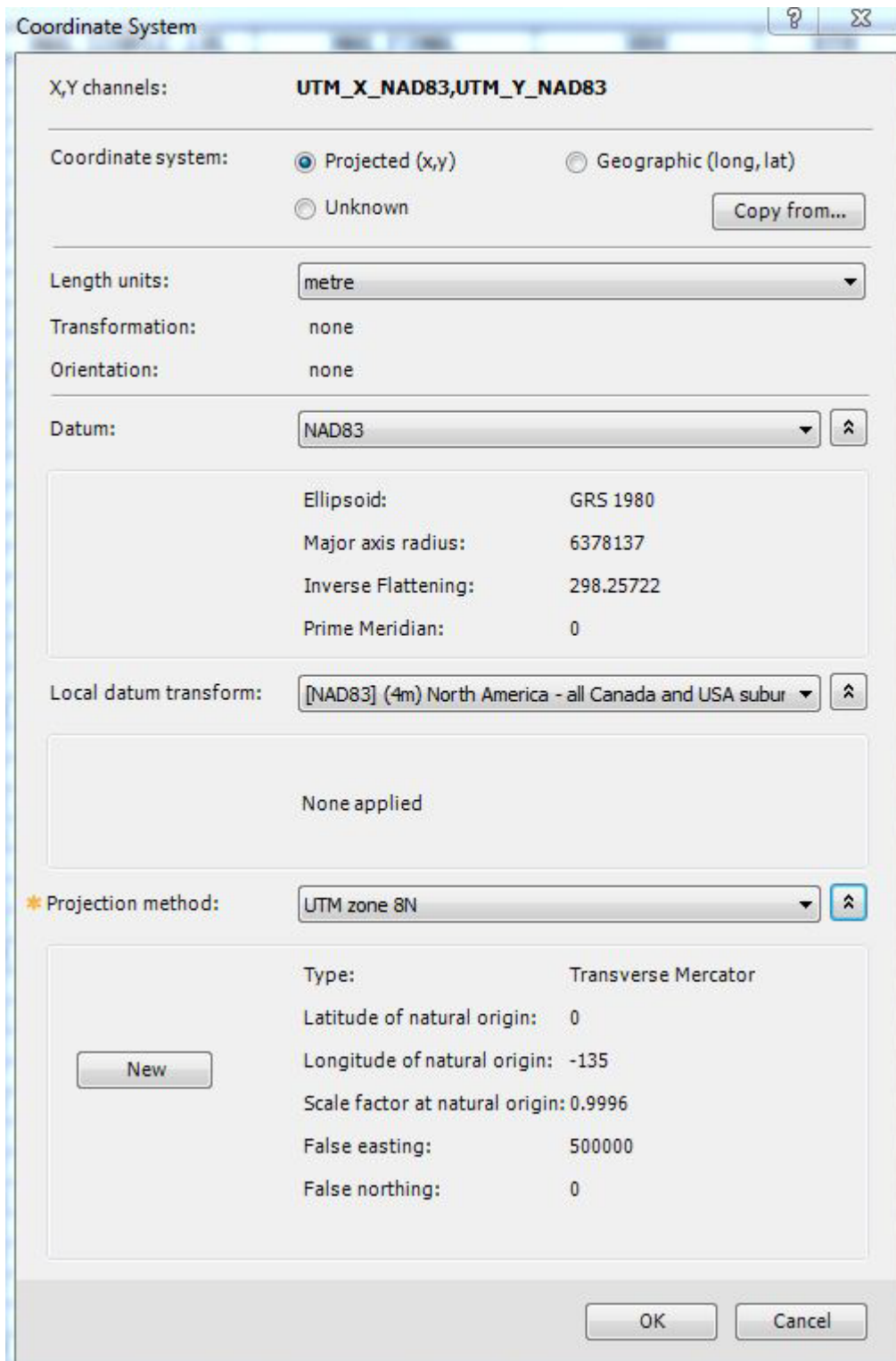
### **7.5 DATA COMPILATION**

Data recorded by the airborne and base station systems was transferred to the field compilation system. As each flight was completed, the following compilation operations were carried out:

#### **7.5.1 FLIGHT PATH CORRECTIONS**

The navigational correction process yields a flight path expressed in WGS84, World and transformed to correspond to NAD83 UTM ZONE 8N, North America.

The following projection parameters were used:



All 1.0 Hz GPS records were linearly interpolated and resampled at 10 Hz (0.1 sec) intervals.

## **7.5.2 DIGITAL TERRAIN MODEL (DTM)**

A DTM of the True Blue survey area was produced and included in the database channel DTM.

The DTM data was produced by first adjusting the GPS sensor height to that of the radar altimeter height (lowering GPS height by 2.1m). Next the radar altimeter channel (in meters) was subtracted from the GPS height data producing a raw DTM channel. Due to changing satellite positions (constellation configuration) and varying atmospheric conditions, the receiver may measure slightly varying GPS heights line-to-line. In addition, due to rugged topography the radar altimeter may read inaccurately when the helicopter is in a pitch forward position (example: approach a steep hill) as the radar beam would directed away, down the slope. Because of these inherent errors, the raw DTM channel required leveling.

It was decided to apply a microleveling technique to the raw DTM data developed by Paterson, Grant & Watson Limited and available through Geosoft Oasis montaj as miclev.GX extension. The following key parameters were used:

Line Spacing – 100 m;  
Line direction – 45 deg;  
Cell size for gridding – 20;  
Decorrugation cutoff wavelength – 400;  
Amplitude Limit: 15, with clip mode  
Naudy Filter: 50

The final DTM data were stored under DTM channel name.

## **7.5.3 MAGNETIC CORRECTIONS**

First the 50 Hz aeromagnetic data from Cesium 3 and fluxgate magnetometers were filtered with a 51 cosine anti-aliasing algorithm and re-sampled at 10 Hz. Then the magnetic data from the Cesium 3 magnetometer was compensated for permanent, induced, and eddy current magnetic noise generated by the aircraft using data from the fluxgate magnetometer. The compensated magnetic data were then stored in the MAG\_COMP channel.

### **7.5.3.1 DIURNAL CORRECTIONS**

The compensated magnetic data were adjusted to account for diurnal variations. When the magnetic variations recorded at the base station recognized to be caused by man-made sources, (such as equipment, vehicles passing by the sensor), they were removed and gaps interpolated.

Diurnal variations recorded by the base station were filtered with a 31-point low pass filter. The filtered data was then subtracted directly from the aeromagnetic measurements to provide a first order diurnal correction.

After base station removal, the total magnetic field values become very small. To bring the total magnetic measurements back to 'normal' values, a project average (i.e., 57220.24nT) from the base station readings was added back to the magnetic data.

The resulting base station corrected data were stored in the MAG\_DIURNAL\_CORR channel.

### **7.5.3.2 LAG CORRECTIONS**

There are two potential types of Lag offsets when collecting airborne data: time lag and distance lag.

NSG insures that there is no time lag in the data acquisition system by recording unique markers every 1-second based on the GPS time stamp (associated with the EXACT change in GPS positioning). This information is used to realign (if necessary) the individual data records.

The distance lag is determined by dividing the distance from the GPS antenna to the sensor head by the averaged sample rate distance.

$$9.2\text{m} / 2.8\text{m per sample} = 3.3$$

A lag of -3 records was applied to the MAG\_DIURNAL\_CORR channel.

The resulting lag corrected data were stored in the MAG\_LAG\_CORR channel.

### **7.5.3.3 HEADING CORRECTIONS**

Optically pumped magnetic sensors have an inherent heading error, typically 1 to 2 nT peak-to-peak, as the sensor is rotated through 360 degrees. On flight line directions of the opposite heading, the affect is reasonably predictable.

A heading test flight was flown at magnetically quite area at 10,000+ ft above sea level altitude on July 12, 2010 with the following results.



Direction	Mean on line	Mean in direction	Mean on heading	Error
0				-0.57875
45	57520.53	57521.47	57523.03	1.56
45	57522.4			
225	57522.92	57524.59		-1.56
225	57526.26			
135	57506.99	57508.36	2.72	
135	57509.72			
315	57513.36	57513.80	57511.08	-2.72
315	57514.23			

When the above magnetic heading corrections were applied to the dataset (see Figure 3, left image), it was realized that overall those corrections did not work very well for the actual survey data. As a result, the following empirically derived heading corrections were applied (Figure 3, right image).

/ Geosoft Heading Correction Table

/= Direction:real:i

/= Correction:real

/ Direction Correction

0 -0.58

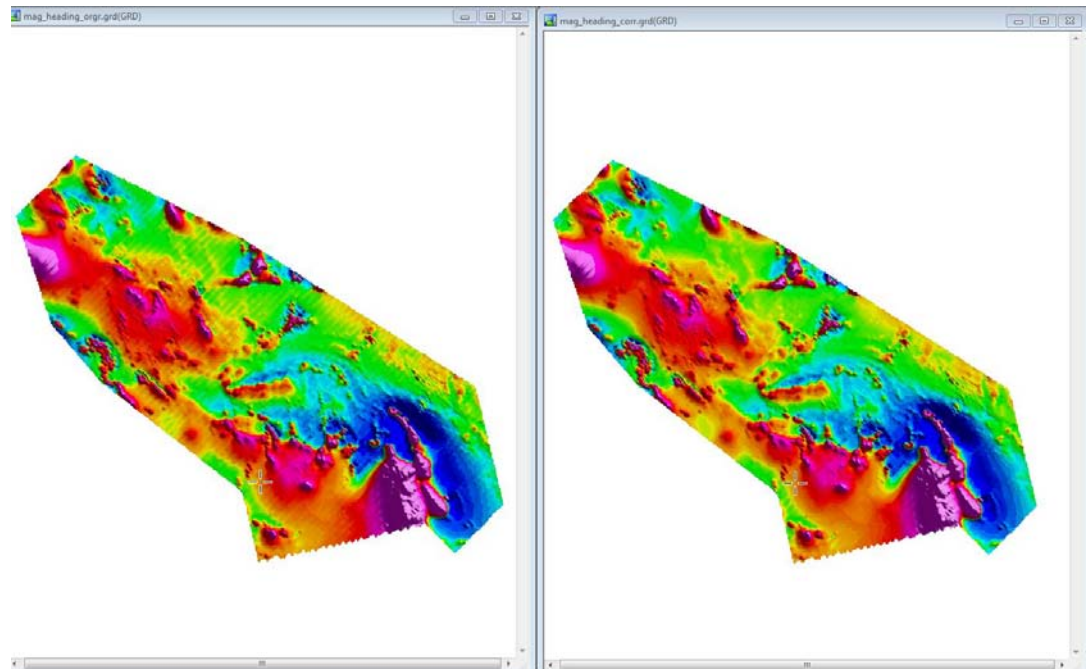
45 -1.56

135 2.72

225 1.56

315 -2.72

360 -0.58



**Figure 3.** Left image shows a magnetic grid after the original heading corrections were applied and the grid to the right shows after empirically determined heading corrections were applied.

The heading corrected magnetic data were stored in MAG\_HEADING\_CORR channel.

#### **7.5.3.4 IGRF CORRECTIONS**

The total field strength of the International Geomagnetic Reference Field (IGRF) was calculated for every data point, based on the spot values of Latitude, Longitude and altitude, using the 2010 model. This IGRF was removed from the measured survey data on a point-by-point basis from the lag corrected channel.

After IGRF correction the total magnetic field values become negative. To bring the total magnetic measurements back to 'normal' values, an average (i.e., 57616.6nT) of IGRF values based on the whole project were added back to the magnetic data.

The resulting IGRF corrected data were stored in the MAG\_IGRF\_CORR channel.

#### **7.5.3.5 LEVELING CORRECTIONS**

First a survey traverse/control line intercepts array/matrix (i.e., Simple Leveling) was created for determining differences in magnetic field at the intersection points. The rugged terrain of the survey block, which caused some line-to-line difference in altitude, and relatively strong magnetic anomalies made magnetic signal at some Traverse/Control line intersection points quite different. Some of those intersection points were manually adjusted in order to reduce line-to-line magnetic differences.

The resulting simple leveled magnetic data were stored in MAG\_SIMPLE\_LVL channel.

In order to further level magnetic data, it was decided to apply the microleveling technique. The following key parameters were used:

Line Spacing – 100 m;

Line direction – 45 deg;

Cell size for gridding – 20;

Decorrugation cutoff wavelength – 400;

Amplitude Limit: 26.89 nT (1 Standard Deviation of Decor. Noise data), with clip mode

Naudy Filter: 100

The resulting data were stored in MAG\_FINAL channel.

## 7.5.4 VERTICAL DERIVATIVE

A 1-st Order Vertical Derivative (VDV) data were calculated using 2D FFT2 algorithm based on MAG\_FINAL grid. The resulting VDV grid was then slightly filtered with a Hanning 3x3, with 2 passes, filter and sampled back to the database.

The VDV data were stored under VDV channel.

## 7.5.5 RADIOMETRIC DATA CORRECTIONS

### 7.5.5.1 LIVE TIME CORRECTIONS

The spectrometer uses the notion of “live time” to express the relative period of time the instrument was able to register new pulses per sample interval.

The live time correction is applied to the total count, potassium, uranium, thorium and upward uranium channels.

The formula used to apply the correction is as follows:

$$C_{lt} = C_{raw} \times \left( \frac{1000}{LT} \right)$$

**Where:**

- $C_{lt}$  is the live time corrected channel
- $C_{raw}$  is the raw channel
- LT is the Live Time channel

### 7.5.5.2 PRE-FILTERING

The cosmic channel data were processed with a 15-point low pass filter to remove spikes.

When Radon corrections were applied, live time, background, and cosmic corrected uranium, thorium, and upward uranium were pre-filtered with 11 point low pass filter.

The radar altimeter channel while recorded at 50Hz was filtered with 21-point COSINE filter and then sampled to 1Hz.

### 7.5.5.3 AIRCRAFT AND COSMIC BACKGROUND

Aircraft background and cosmic stripping corrections (see section 6.3.7) were applied to the live corrected total count, potassium, uranium, thorium and upward uranium channels using the following formula:

$$C_{ac} = C_{lt} - (ac + bc \times cof)$$

**Where:**

- $C_{ac}$  is the background and cosmic corrected channel
- $C_{lt}$  is the live time corrected channel
- $ac$  is the aircraft background for this channel
- $bc$  is the cosmic stripping coefficient for this channel
- $cof$  is the filtered cosmic channel

All negative counts after this correction step were replaced with zeroes.

### 7.5.5.4 RADON CORRECTIONS

Once the survey was completed, the relationships between the counts in the downward uranium window and in the other four windows (i.e., upward uranium, thorium, potassium and total count) due to atmospheric radon were determined using linear regression for the test site (see section 6.5 for the resulting values).

The equations solved for were:

$$\begin{aligned}ur &= auUr + bu \\Kr &= akUr + bk \\Tr &= atUr + bt \\Ir &= aiUr + bi\end{aligned}$$

**Where:**

- $ur$  is the radon component in the upward uranium window
- $Kr$ ,  $Ur$ ,  $Tr$  and  $Ir$  are the radon components in the various windows of the downward detectors
- the various “a” and “b” coefficients are the required calibration constants

After the “a” coefficients were established, the background and cosmic corrected thorium, uranium and upward uranium data for each line were smoothed with 11 point low pass filter to produce  $Thf$ ,  $Uf$ , and  $uf$  respectively. The radon component in the downward uranium window was then determined using the following formula:

$$Ur = (uf - a1 \times Uf - a2 \times Thf + a2 \times bth - bu) / (au - a1 - a2 \times ath)$$

**Where:**

- Ur is the radon component in the downward uranium window
- uf is the filtered upward uranium
- Uf is the filtered uranium
- Thf is the filtered thorium
- a1, a2 (see section 6.5), au and ath are proportionality factors
- bu and bth are background constants

Note: the “b” background constants are normally near zero for over-water calibrations and as such they were not included in the calculation of Ur.

The effects of radon in the downward uranium are removed by directly subtracting Ur from background and cosmic corrected uranium.

The effects of radon in the Total Count, Potassium, Thorium and upward Uranium are then removed based upon previously established relationships with Ur.

The corrections were applied using the following formula:

$$Crc = Cac - ( ac \times Ur + bc )$$

**Where:**

- Crc is the radon corrected channel
- Cac is the background and cosmic corrected channel
- Ur is the radon component in the downward uranium window
- ac is the proportionality factor and
- bc is the background constant for this channel

All negative counts after this correction step were replaced with zeroes.

### **7.5.5.5 COMPTON STRIPPING**

Following the background and cosmic corrections the potassium, uranium and thorium were corrected for spectral overlap (see section 6.2). First the stripping ratios  $\alpha$ ,  $\beta$ , and  $\chi$  were modified according to altitude. Then an adjustment factor based on the reversed stripping ratio (a), uranium into thorium, was calculated.

$$\alpha_h = \alpha + hef \times 0.00049$$

$$\beta_h = \beta + hef \times 0.00065$$

$$\chi_h = \chi + hef \times 0.00069$$

**Where:**

- $\alpha, \beta, \chi$  are the Compton stripping coefficients
- $\alpha h, \beta h, \chi h$  are the height corrected Compton stripping coefficients
- $h$  is the height above ground in meters

The stripping corrections are then carried out using the following formulas:

$$ar = \frac{1}{1 - a\alpha h}$$

$$Th_c = (Th_{bc} - aU_{rc}) \times ar$$

$$U_c = (U_{rc} - Th_{bc}\alpha h) \times ar$$

$$K_c = K_{bc} - \beta h Th_c - \chi h U_c$$

**Where:**

- $U_c, Th_c,$  and  $K_c$  are corrected Uranium, Thorium and Potassium
- $\alpha h, \beta h, \chi h$  are the height corrected Compton stripping coefficients
- $U_{bc}, Th_{bc},$  and  $K_{bc}$  are background and cosmic corrected Uranium, Thorium and Potassium
- $ar$  is the backscatter correction
- $a$  is the reverse stripping ratio U into Th

All negative counts after this correction step were replaced with zeroes.

### 7.5.5.6 EQUIVALENT HEIGHT AT STP

The following formula was used to calculate Equivalent Height at STP:

$$H_e = H \times \left( \frac{273.15}{T + 273.15} \right) \times \left( \frac{P}{1013.25} \right)$$

**Where:**

- $H$  is the observed height
- $H_e$  is the equivalent height at STP
- $T$  is the temperature in degrees Celsius
- $P$  is the barometric pressure in mbar.

### 7.5.5.7 ATTENUATION CORRECTIONS

The Total Count, Potassium, Uranium and Thorium data were then corrected to a nominal survey altitude of 30m (see section 6.4.1) using the following equation:

$$Ca = C \times e^{-\mu(h_0 - h_e)}$$

**Where:**

- $Ca$  is the output altitude corrected channel
- $C$  is the input channel
- $\mu$  is the attenuation correction for that channel
- $h_e$  is the STP height
- $h_0$  is the nominal survey altitude

Note: Height corrected uranium data were microleveled using the following key parameters:

Line Spacing – 100 m;  
Line direction – 45 deg;  
Cell size for gridding – 25;  
Decorrugation cutoff wavelength – 400;  
Amplitude Limit: 15 counts, with clip mode  
Naudy Filter: 0

The resulting height corrected data were stored under K\_FINAL, Th\_FINAL, U\_FINAL, and TC\_FINAL channel names.

Note: The radiometric data were processed for the second time with the exception of Radon correction step (sections 7.5.5.1 to section 7.5.5.7 but no section 7.5.5.4). The resulting corrected channels were stored in K\_Corr\_Radon\_in; Th\_Corr\_Radon\_in; U\_Corr\_Radon\_in; and TC\_Corr\_Radon\_in channels.

### 7.5.5.8 CONVERSION TO APPARENT RADIOELEMENT CONCENTRATIONS

The final step is to convert the corrected potassium (K\_FINAL channel), uranium (U\_FINAL channel) and thorium (Th\_FINAL channel) to apparent radioelement concentrations (see section 6.6) using the following formula:

$$eE = C_{cor} / s$$

**Where:**

- $eE$  is the element concentration  $K(\%)$  and equivalent element concentration of  $U(\text{ppm})$  &  $Th(\text{ppm})$
- $s$  is the experimentally determined sensitivity
- $C_{cor}$  is the fully corrected channel

#### **7.5.5.9 GRIDDING**

All the grids were gridded using a bi-directional line gridding method with a grid cell size of 25 meters and Akima interpolation method for across and down line spline.

#### **7.5.5.10 TERNARY IMAGE**

The Ternary image map was produced from  $K_{Final}$ ,  $Th_{Final}$ , and  $U_{Final}$  grids in Geosoft Oasis montaj using CMY colour table.



## 8. MAP PRODUCTS AND DIGITAL DATA DELIVERABLES

The following is the list of items delivered to **GREAT WESTERN MINERALS GROUP LTD.**

### **Hard copy (x2):**

- Maps of Total Magnetic Intensity at 1:20,000 scale
- Maps of 1st order Vertical Derivative at 1:20,000 scale
- Maps of Digital Terrain Model at 1:20,000 scale
- Maps of Ternary Image (Th, U and K) at 1:20,000 scale
- Maps of Potassium counts at 1:20,000 scale
- Maps of Thorium counts at 1:20,000 scale
- Maps of Uranium counts at 1:20,000 scale
- Maps of Total Count at 1:20,000 scale
- Logistics Report

### **Soft copy (x2):**

- Grids and maps of Total Magnetic Intensity at 1:20,000 scale
- Grids and maps of 1st order Vertical Derivative at 1:20,000 scale
- Grids and maps of Digital Terrain Model at 1:20,000 scale
- Ternary map of Th, U and K at 1:20,000 scale
- Grids and maps of Potassium counts at 1:20,000 scale
- Grids and maps of Thorium counts at 1:20,000 scale
- Grids and maps of Uranium counts at 1:20,000 scale
- Grids and maps of Total Count at 1:20,000 scale
- Logistics Report
- Magnetism data databases: MAGNETIC\_FINAL.gdb (See Appendix C)
- Radiometric data database: RADIOMETRIC\_FINAL.gdb (See Appendix C)
- Weekly and Line Progress Report
- Daily Thorium Resolution Tests Results (see Appendix D)

## 9. SUMMARY

This report describes the logistics of the survey, equipment used, field procedures, data acquisition and presentation of results.

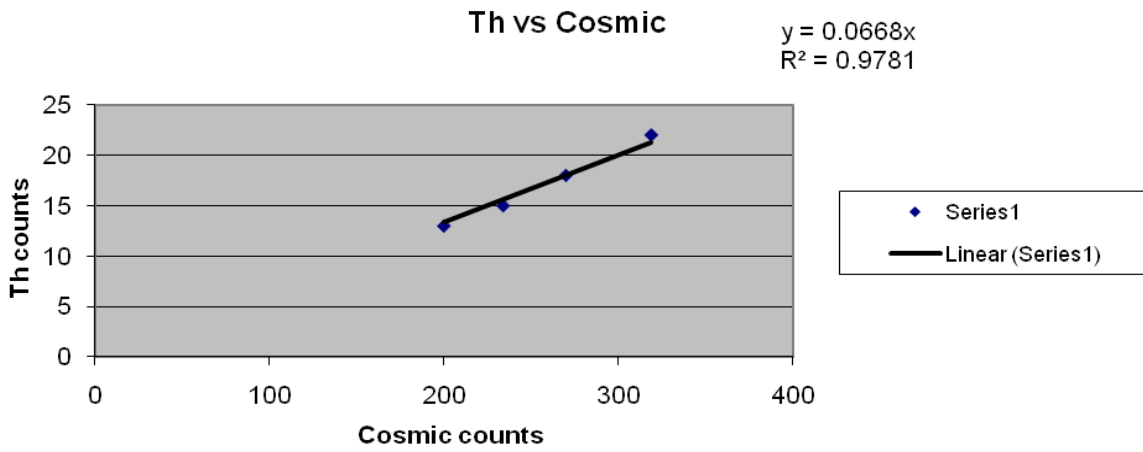
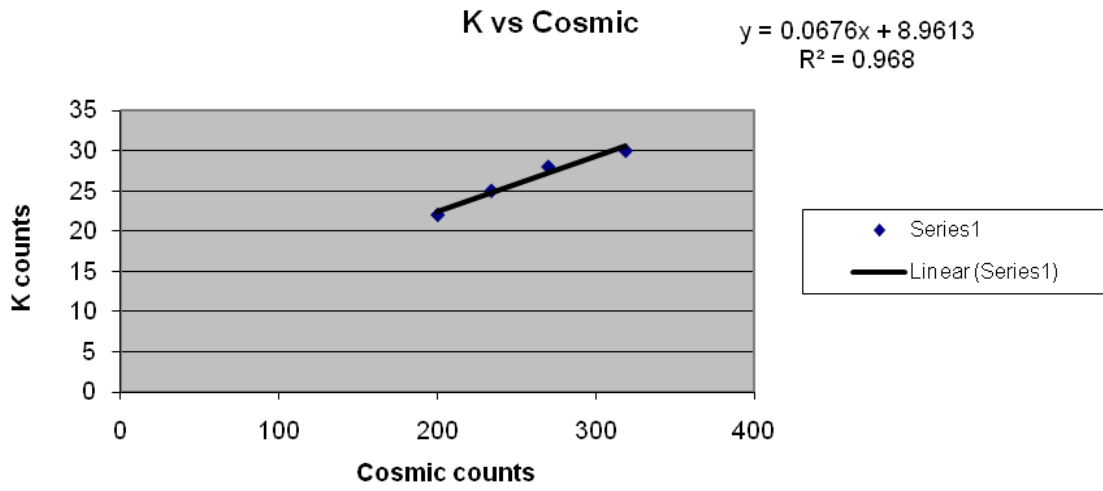
The various maps included with this report display the magnetic and radiometric properties of the survey area. It is recommended that the survey results be reviewed in detail, in conjunction with all available geophysical, geological and geochemical information.

Further processing of the data may enhance subtle features that can be of importance for exploration purposes.

Respectfully submitted,

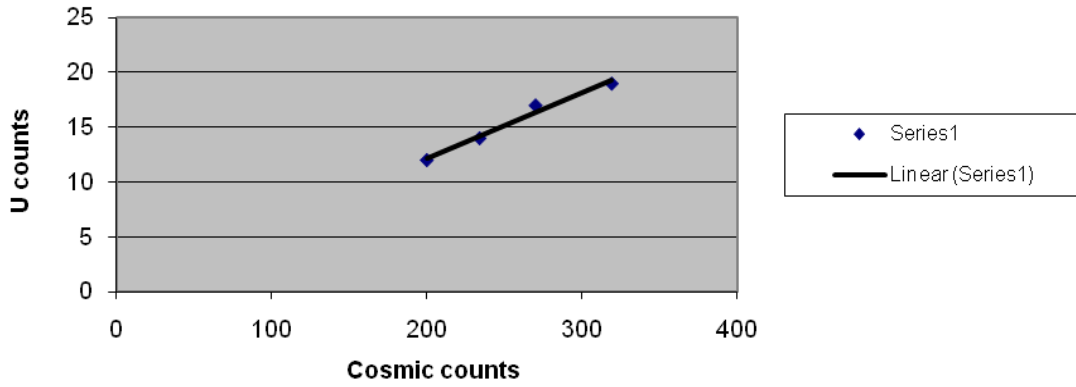
Andrei Yakovenko  
New-Sense Geophysics Ltd.  
Date: August 11<sup>th</sup>, 2010

**APPENDIX A: BACKGROUND AND COSMIC TESTS CHARTS**



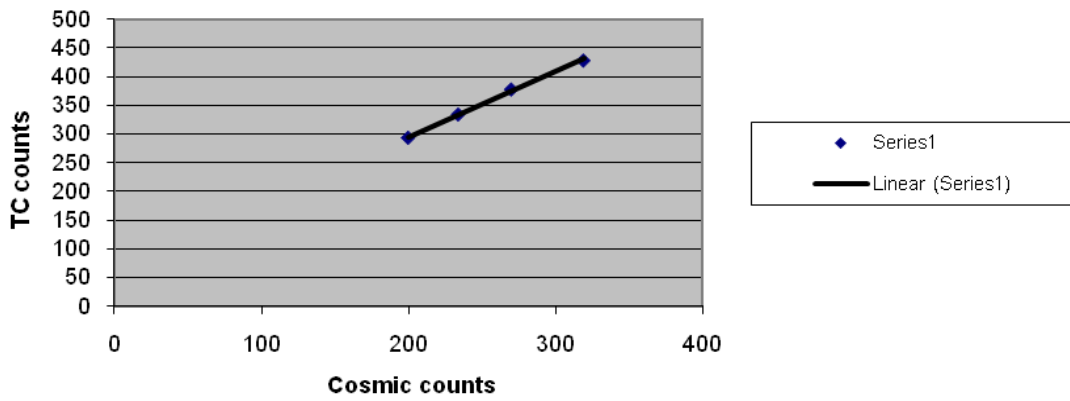
U vs Cosmic

$y = 0.0604x + 0.0428$   
 $R^2 = 0.9806$



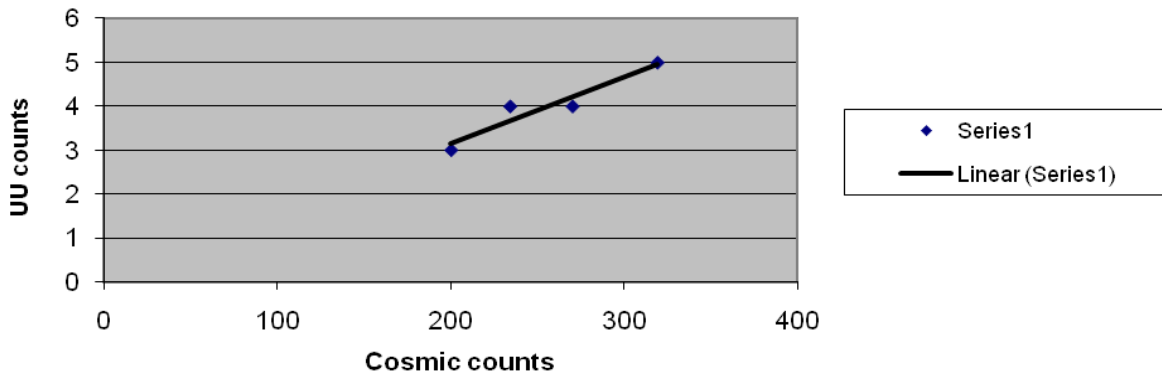
TC vs Cosmic

$y = 1.146x + 65.405$   
 $R^2 = 0.9984$

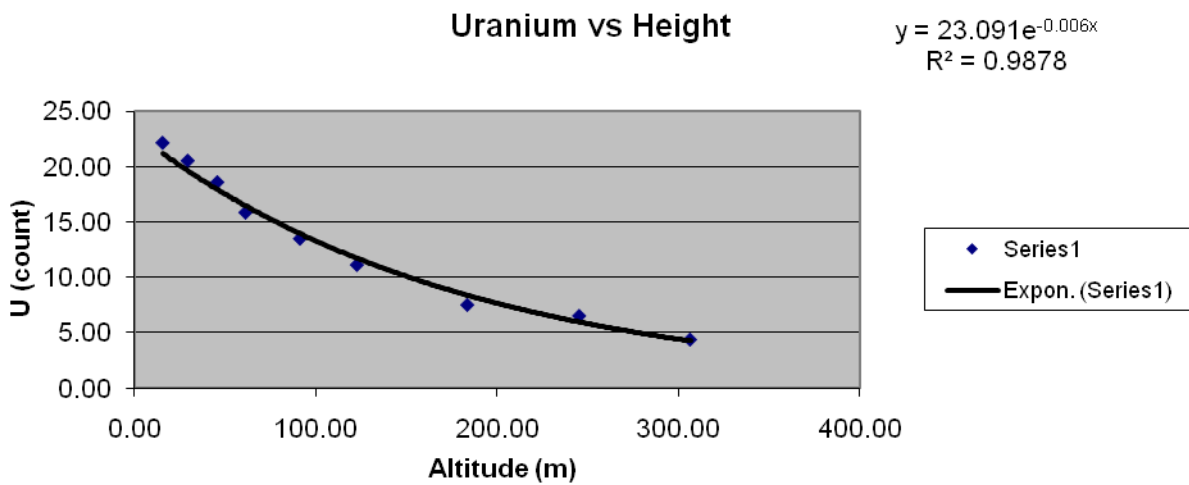
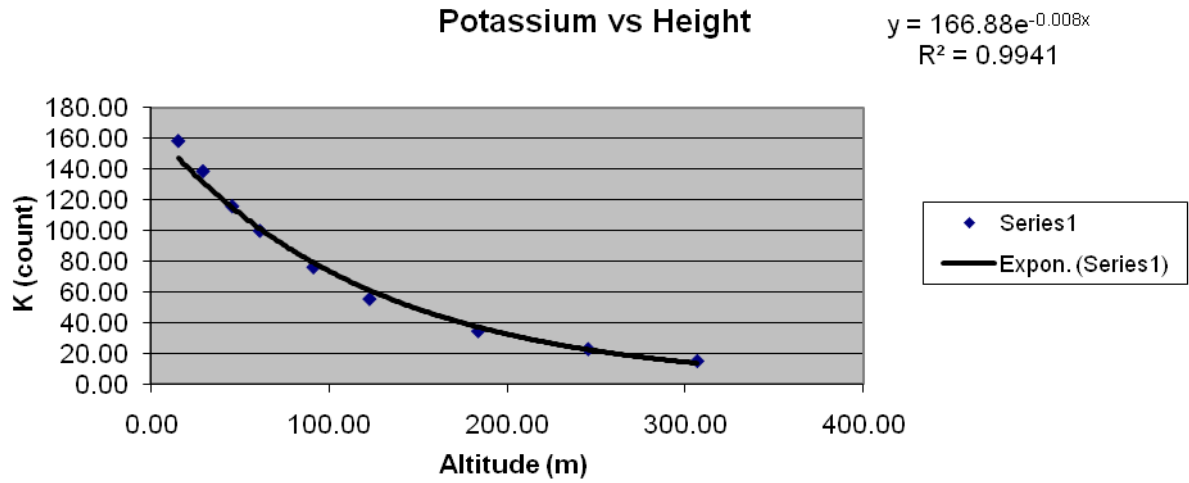


UU vs Cosmic

$y = 0.0153x + 0.0905$   
 $R^2 = 0.9095$

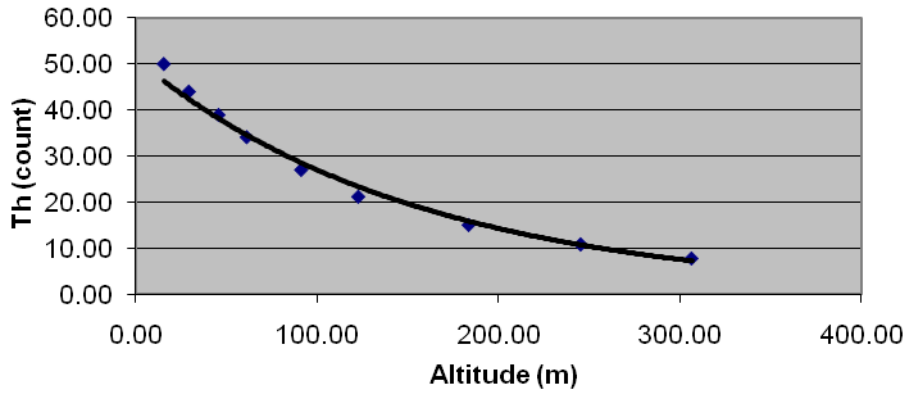


## Height Attenuation Test Charts



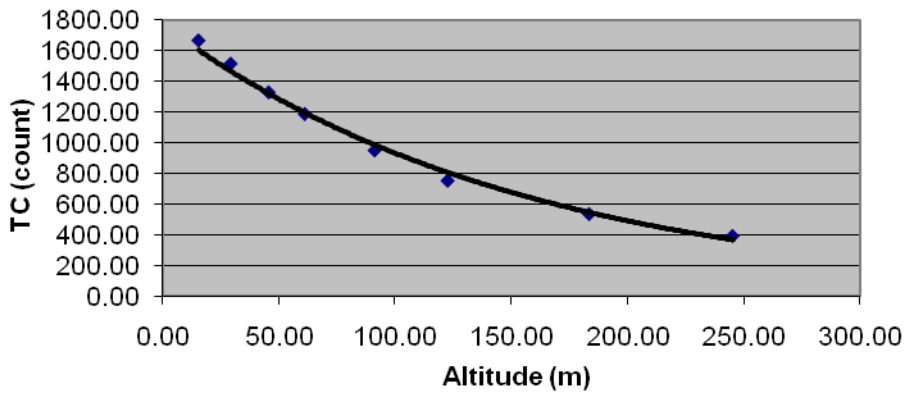
### Thorium vs Height

$$y = 51.032e^{-0.006x}$$
$$R^2 = 0.9917$$



### Total Count vs Height

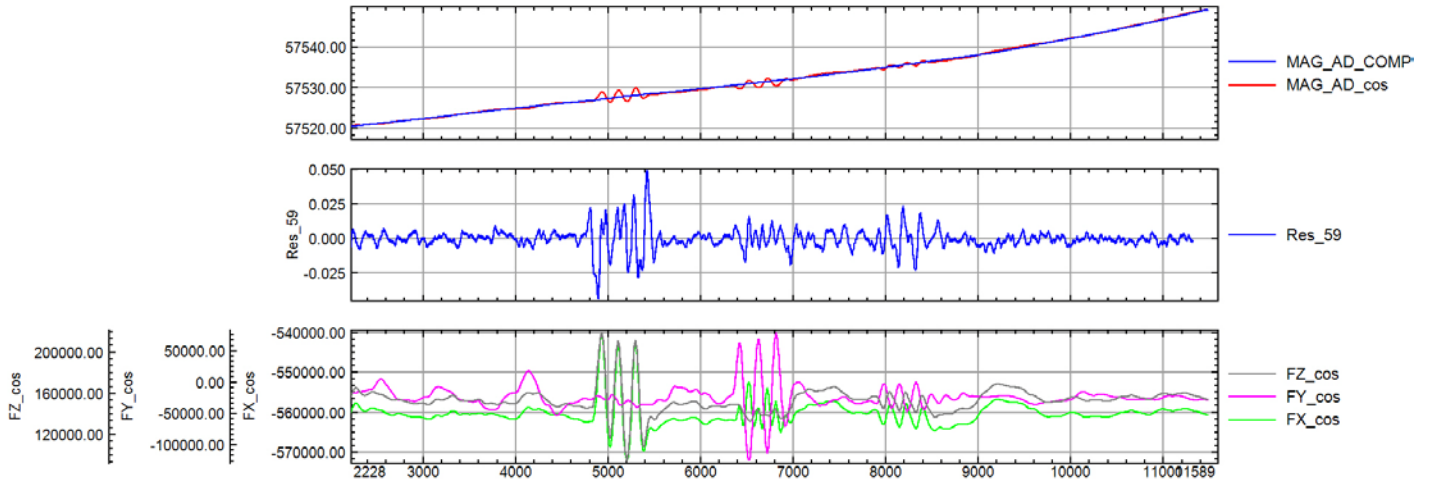
$$y = 1769e^{-0.006x}$$
$$R^2 = 0.993$$



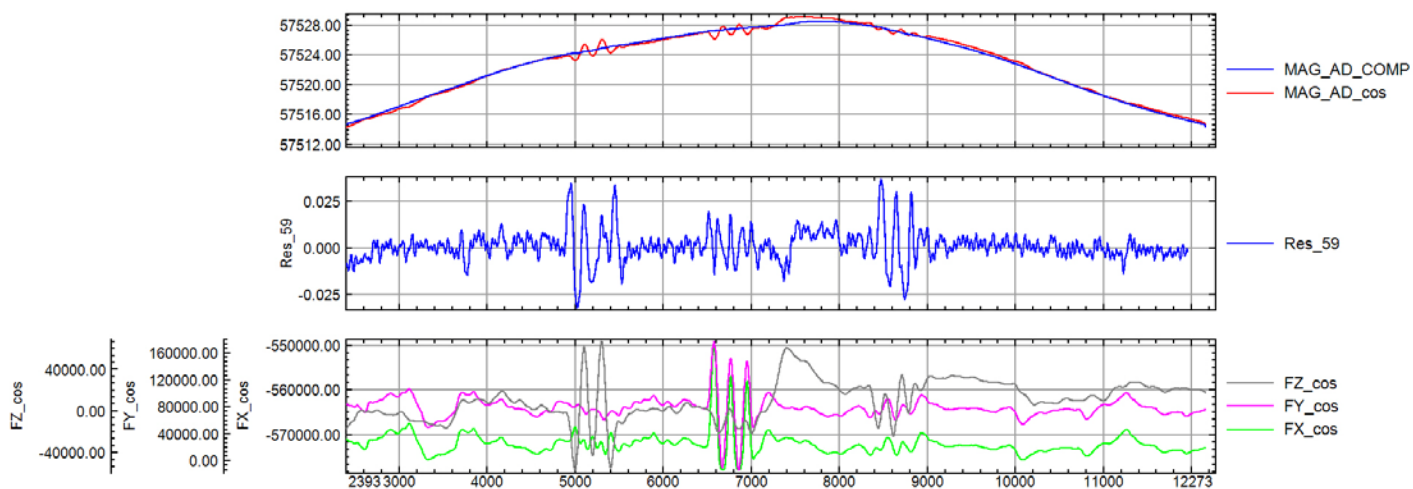
**APPENDIX B: FOM RESULTS**

<b>GWMG, Yukon, FOM results, July 12, 2010</b>					
<b>line</b>	<b>direction</b>	<b>pitch</b>	<b>roll</b>	<b>yaw</b>	<b>total</b>
<b>1000</b>	<b>45</b>	0.075	0.030	0.030	0.135
<b>2000</b>	<b>135</b>	0.068	0.030	0.063	0.160
<b>3000</b>	<b>225</b>	0.050	0.043	0.038	0.130
<b>4000</b>	<b>315</b>	0.063	0.025	0.030	0.118
	<b>total</b>	0.255	0.128	0.160	<b>0.543</b>

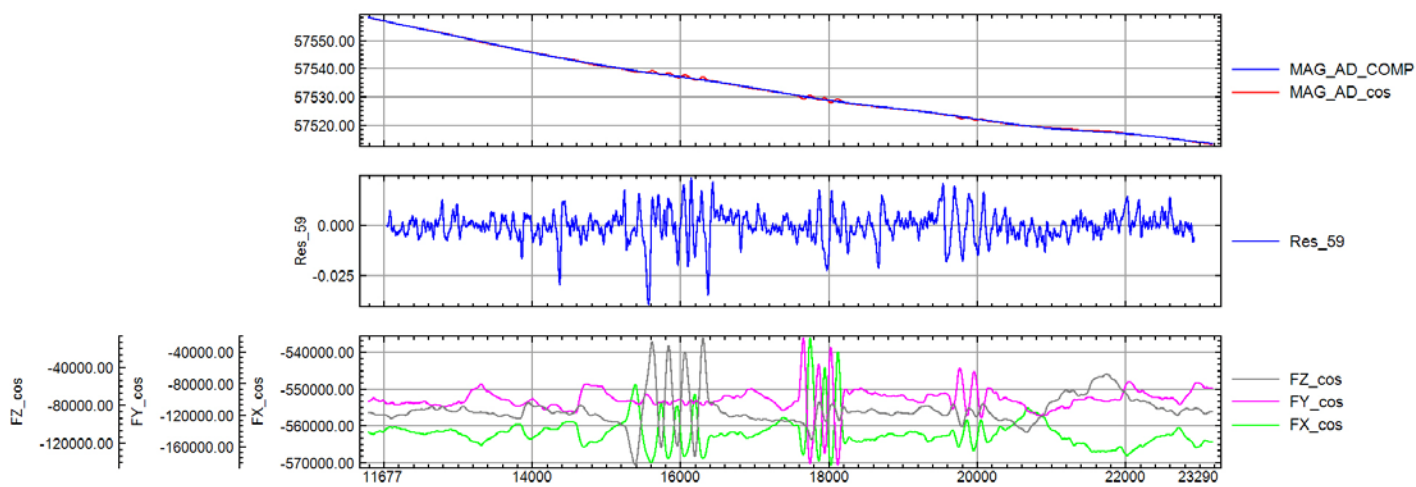
FOM July 12, 2010 45 deg. heading



### FOM July 12, 2010 135 deg. heading

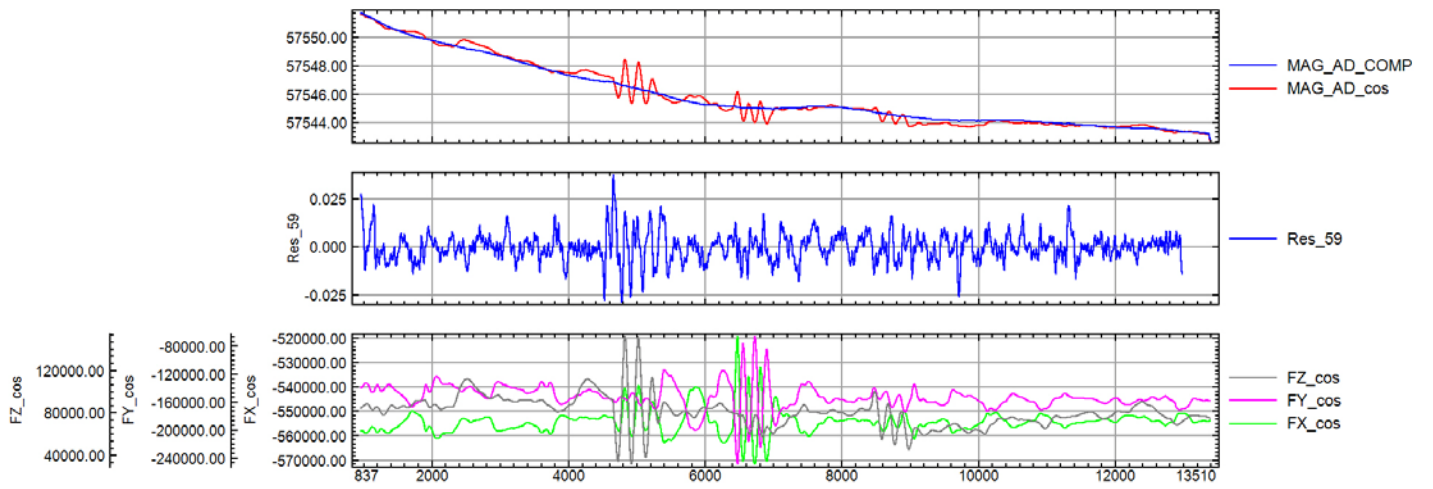


### FOM July 12, 2010 225 deg. heading





# FOM July 12, 2010 315 deg. heading



## APPENDIX C: DATABASE DESCRIPTIONS

### Magnetic Database

Database Name: MAGNETIC\_FINAL.gdb

Formats: Geosoft .gdb

Number of Channels: 27

Channel Name	Units	Description
LINE	number	Line number
FLIGHT	number	Flight number
DATE	date	Date flown (YYMMDD)
FIDUCIAL	number	Fiducial count (flight specific)
SYSTEM_CLOCK	milsec	KANA8 (A/D converter) counter
UTM_X_NAD83	meters	UTM East in NAD83, North America, Zone 8N
UTM_Y_NAD83	meters	UTM North in NAD83, North America, Zone 8N
LATITUDE	degrees	GPS latitude, WGS 84, World
LONGITUDE	degrees	GPS longitude, WGS 84, World
GPS_HEIGHT	meters	GPS height (orthometric) above MSL, WGS 84, World
UTC_DAYSEC	decimal seconds	UTC daily second counter (0-86399)
FLUX_X	volts	Fluxgate x-axis
FLUX_Y	volts	Fluxgate y-axis
FLUX_Z	volts	Fluxgate z-axis
RAD_ALT_FT	feet	Radar altimeter, height above ground
MAG_RAW	nT	Raw magnetometer data
MAG_COMP	nT	Compensated magnetometer data
DIURNAL	nT	Base station magnetometer data (filtered with 31point low pass filter)
MAG_DIURNAL_COOR	nT	Base station (diurnal) corrected magnetometer data
MAG_LAG_CORR	nT	Lag corrected magnetometer data
MAG_HEADING_CORR	nT	Heading corrected magnetometer data
IGRF	nT	Calculated IGRF, using 2010 model
MAG_IGRF_CORR	nT	IGRF corrected magnetometer data
TMI_SIMPLE_LVL	nT	Conventionally (simple) leveled magnetometer data
MAG_FINAL	nT	Final (microleveled) magnetometer data (Final TMI)
VDV	nT/m	1 <sup>st</sup> order Vertical Derivative (VDV)
DTM	meters	Calculated DTM channel

## Radiometric Database

Database Name: RADIOMETRIC\_FINAL.gdb

Formats: Geosoft .gdb

Number of Channels: 34

Channel Name	Units	Description
LINE	number	Line Number
FLIGHT	number	Flight Number
DATE	date	Date flown (YYMMDD)
FIDUCIAL	number	Fiducial count (line specific)
DOS_CLOCK	Decimal seconds	iDAS system clock
UTM_X_NAD83	meters	UTM East in NAD83, North America, Zone 8N
UTM_Y_NAD83	meters	UTM North in NAD83, North America, Zone 8N
LATITUDE	degrees	GPS latitude, WGS 84, World
LONGITUDE	degrees	GPS longitude, WGS 84, World
GPS_HEIGHT	meters	GPS height (orthometric) above MSL, WGS 84, World
UTC_DAYSEC	seconds	UTC daily second counter (0-86399)
RAD_ALT_feet	feet	Radar altimeter, height above ground
PRESSURE	mbar	Ambient pressure output
TEMPERATURE	degrees C	Ambient temperature output
EQUIVALENT_HEIGHT	meters	Equivalent height above ground at STP
DOWN_LIVE_TIME	seconds	Live time channel
RAW_Potassium	counts/sec	Raw Potassium channel
RAW_Thorium	counts/sec	Raw Thorium channel
RAW_Uranium	counts/sec	Raw Uranium channel
RAW_TotCount	counts/sec	Raw Total Count channel
RAW_UpUranium	counts/sec	Raw upward looking crystal Uranium channel
DOWN_COSMIC	counts/sec	Raw Cosmic channel from downward looking crystals
DOWN_SPECTRUM	counts/sec	1024 channel down spectrum
K_Corr_Radon_in	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Potassium counts
Th_Corr_Radon_in	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Thorium counts
U_Corr_Radon_in	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Uranium counts
TC_Corr_Radon_in	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Total Count counts
K_FINAL	counts/sec	Live Time, Background, Cosmic, Radon, Compton Scattering and Altitude Attenuation corrected Potassium counts
Th_FINAL	counts/sec	Live Time, Background, Cosmic, Radon, Compton Scattering and Altitude Attenuation corrected Thorium

		counts
U_FINAL	counts/sec	Live Time, Background, Cosmic, Radon, Compton Scattering and Altitude Attenuation corrected Uranium counts. Note this channel was also microlevled
TC_FINAL	counts/sec	Live Time, Background, Cosmic, Radon, Compton Scattering and Altitude Attenuation corrected Total Count counts
K_percent	%	Estimated ground concentrations of Potassium
eTh	ppm	Estimated ground concentrations of Thorium
eU	ppm	Estimated ground concentrations of Uranium

**APPENDIX D: RSX-5 SPECTROMETER (SN 5503): DAILY RESOLUTION TESTS RESULTS**

Executed 2010/07/10 00:21:19

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2002	2003	2002	2001	2001	8008
Gain	0.95215	0.953222	0.9754	0.958215	0.946439	-
Peak	871.50 (+/- 0.544)	877.76 (+/- 0.624)	872.79 (+/- 0.620)	870.06 (+/- 0.551)	878.68 (+/- 1.342)	872.34 (+/- 0.316)
FWHM	4.27 (+/- 1.429)	3.84 (+/- 1.588)	4.59 (+/- 1.632)	4.75 (+/- 1.424)	4.44 (+/- 4.025)	4.48 (+/- 0.837)

Executed 2010/07/12 07:21:25

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2019	2016	2004	2020	2001	8059
Gain	0.974258	0.945118	0.974608	0.957009	0.960516	-
Peak	870.22 (+/- 0.474)	876.74 (+/- 0.749)	871.77 (+/- 0.578)	869.84 (+/- 0.581)	869.73 (+/- 1.293)	871.41 (+/- 0.261)
FWHM	4.40 (+/- 1.224)	4.18 (+/- 2.039)	5.29 (+/- 1.539)	4.76 (+/- 1.537)	7.87 (+/- 4.019)	4.82 (+/- 0.667)

Executed 2010/07/12 23:09:22

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2017	2004	2006	2007	2001	8034
Gain	0.966067	0.943367	0.971704	0.950461	0.973719	-
Peak	870.80 (+/- 0.475)	875.73 (+/- 0.858)	873.31 (+/- 0.622)	871.35 (+/- 0.642)	869.21 (+/- 1.196)	872.46 (+/- 0.323)
FWHM	4.30 (+/- 1.230)	5.09 (+/- 2.538)	4.88 (+/- 1.596)	4.63 (+/- 1.738)	7.45 (+/- 3.554)	4.77 (+/- 0.829)

Executed 2010/07/13 10:40:25

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2013	2003	2004	2007	2001	8027
Gain	0.963953	0.939232	0.968435	0.94642	0.970057	-
Peak	870.76 (+/- 0.497)	873.93 (+/- 0.886)	871.64 (+/- 0.740)	869.93 (+/- 0.541)	868.97 (+/- 1.026)	871.30 (+/- 0.309)
FWHM	4.28 (+/- 1.300)	4.86 (+/- 2.498)	4.62 (+/- 1.985)	4.86 (+/- 1.340)	6.58 (+/- 2.946)	4.69 (+/- 0.799)

Executed 2010/07/13 10:43:14

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2025	2016	2021	2003	2092	8065
Gain	0.96709	0.945589	0.970858	0.949499	0.964725	-
Peak	871.35 (+/- 0.468)	864.43 (+/- 1.056)	871.36 (+/- 0.571)	872.12 (+/- 0.542)	877.14 (+/- 0.670)	871.18 (+/- 0.336)
FWHM	4.47 (+/- 1.229)	6.86 (+/- 3.021)	4.97 (+/- 1.519)	4.67 (+/- 1.457)	5.07 (+/- 1.861)	4.81 (+/- 0.886)

Executed 2010/07/14 15:11:20

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2008	2044	2019	2020	2005	8091
Gain	0.965563	0.938079	0.965488	0.946875	0.973279	-
Peak	872.20 (+/- 0.570)	875.68 (+/- 0.797)	874.20 (+/- 0.618)	871.90 (+/- 0.594)	870.98 (+/- 0.813)	873.05 (+/- 0.307)
FWHM	4.38 (+/- 1.538)	4.73 (+/- 2.210)	4.87 (+/- 1.626)	4.95 (+/- 1.558)	6.32 (+/- 2.161)	4.73 (+/- 0.785)

Executed 2010/07/14 15:11:20

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2008	2044	2019	2020	2005	8091
Gain	0.965563	0.938079	0.965488	0.946875	0.973279	-
Peak	872.20 (+/- 0.570)	875.68 (+/- 0.797)	874.20 (+/- 0.618)	871.90 (+/- 0.594)	870.98 (+/- 0.813)	873.05 (+/- 0.307)
FWHM	4.38 (+/- 1.538)	4.73 (+/- 2.210)	4.87 (+/- 1.626)	4.95 (+/- 1.558)	6.32 (+/- 2.161)	4.73 (+/- 0.785)

Executed 2010/07/15 08:03:53

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2047	2015	2018	2001	2035	8081
Gain	0.970224	0.933024	0.962696	0.942361	0.96601	-
Peak	872.47 (+/- 0.539)	872.49 (+/- 0.719)	872.44 (+/- 0.605)	871.98 (+/- 0.579)	871.27 (+/- 0.643)	872.33 (+/- 0.292)
FWHM	4.41 (+/- 1.362)	4.38 (+/- 1.895)	4.66 (+/- 1.526)	4.57 (+/- 1.598)	5.64 (+/- 1.615)	4.47 (+/- 0.769)

Executed 2010/07/15 08:01:24

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2040	2039	2030	2064	2012	8173
Gain	0.962015	0.925595	0.960057	0.938133	0.965784	-
Peak	870.73 (+/- 0.469)	872.67 (+/- 1.011)	873.31 (+/- 0.531)	872.44 (+/- 0.549)	870.05 (+/- 0.969)	872.54 (+/- 0.276)
FWHM	4.39 (+/- 1.195)	5.11 (+/- 2.903)	4.80 (+/- 1.343)	4.92 (+/- 1.396)	6.94 (+/- 2.747)	4.66 (+/- 0.711)

Executed 2010/07/16 10:25:25

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2032	2024	2023	2029	2065	8108
Gain	0.96329	0.930836	0.961423	0.94032	0.964557	-
Peak	870.72 (+/- 0.504)	873.93 (+/- 0.811)	871.28 (+/- 0.607)	871.90 (+/- 0.580)	872.87 (+/- 0.542)	871.87 (+/- 0.314)
FWHM	4.14 (+/- 1.254)	4.89 (+/- 2.229)	4.96 (+/- 1.668)	4.56 (+/- 1.576)	5.52 (+/- 1.408)	4.54 (+/- 0.846)

Executed 2010/07/16 10:22:07

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2039	2013	2019	2052	2001	8123
Gain	0.961365	0.927818	0.959503	0.937973	0.9648	-
Peak	871.54 (+/- 0.431)	875.37 (+/- 0.798)	871.43 (+/- 0.746)	870.90 (+/- 0.555)	867.15 (+/- 0.894)	871.87 (+/- 0.308)
FWHM	4.42 (+/- 1.100)	5.07 (+/- 2.171)	4.81 (+/- 2.068)	4.82 (+/- 1.389)	6.63 (+/- 2.355)	4.74 (+/- 0.793)

Executed 2010/07/17 11:08:52

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2052	2004	2018	2001	2059	8075
Gain	0.9793	0.944143	0.975039	0.952822	0.978745	-
Peak	870.95 (+/- 0.529)	872.72 (+/- 0.774)	871.62 (+/- 0.575)	872.08 (+/- 0.530)	873.57 (+/- 0.687)	871.70 (+/- 0.288)
FWHM	4.56 (+/- 1.346)	5.07 (+/- 2.085)	4.83 (+/- 1.555)	4.92 (+/- 1.418)	5.85 (+/- 1.780)	4.81 (+/- 0.756)

Executed 2010/07/17 11:05:57

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2030	2017	2010	2040	2007	8097
Gain	0.977344	0.94132	0.973822	0.952346	0.97973	-
Peak	870.84 (+/- 0.589)	873.75 (+/- 0.695)	872.55 (+/- 0.461)	871.58 (+/- 0.663)	870.79 (+/- 0.811)	871.91 (+/- 0.225)
FWHM	4.34 (+/- 1.527)	4.85 (+/- 1.948)	4.67 (+/- 1.138)	4.99 (+/- 1.846)	6.84 (+/- 2.242)	4.58 (+/- 0.591)

Executed 2010/07/18 08:08:21

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2019	2021	2017	2015	2064	8072
Gain	0.973542	0.937008	0.969023	0.948606	0.975643	-
Peak	871.51 (+/- 0.420)	872.59 (+/- 0.764)	872.25 (+/- 0.586)	871.37 (+/- 0.578)	873.12 (+/- 0.682)	871.88 (+/- 0.313)
FWHM	4.19 (+/- 1.049)	4.92 (+/- 2.074)	5.11 (+/- 1.505)	4.44 (+/- 1.553)	5.73 (+/- 1.895)	4.64 (+/- 0.799)

Executed 2010/07/18 08:05:57

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2050	2049	2003	2067	2012	8169
Gain	0.973543	0.937245	0.969509	0.947659	0.978577	-
Peak	871.32 (+/- 0.419)	874.23 (+/- 0.752)	873.71 (+/- 0.535)	872.03 (+/- 0.478)	870.68 (+/- 0.825)	872.94 (+/- 0.272)
FWHM	4.06 (+/- 1.057)	4.72 (+/- 2.043)	4.73 (+/- 1.407)	4.66 (+/- 1.256)	6.71 (+/- 2.211)	4.39 (+/- 0.718)

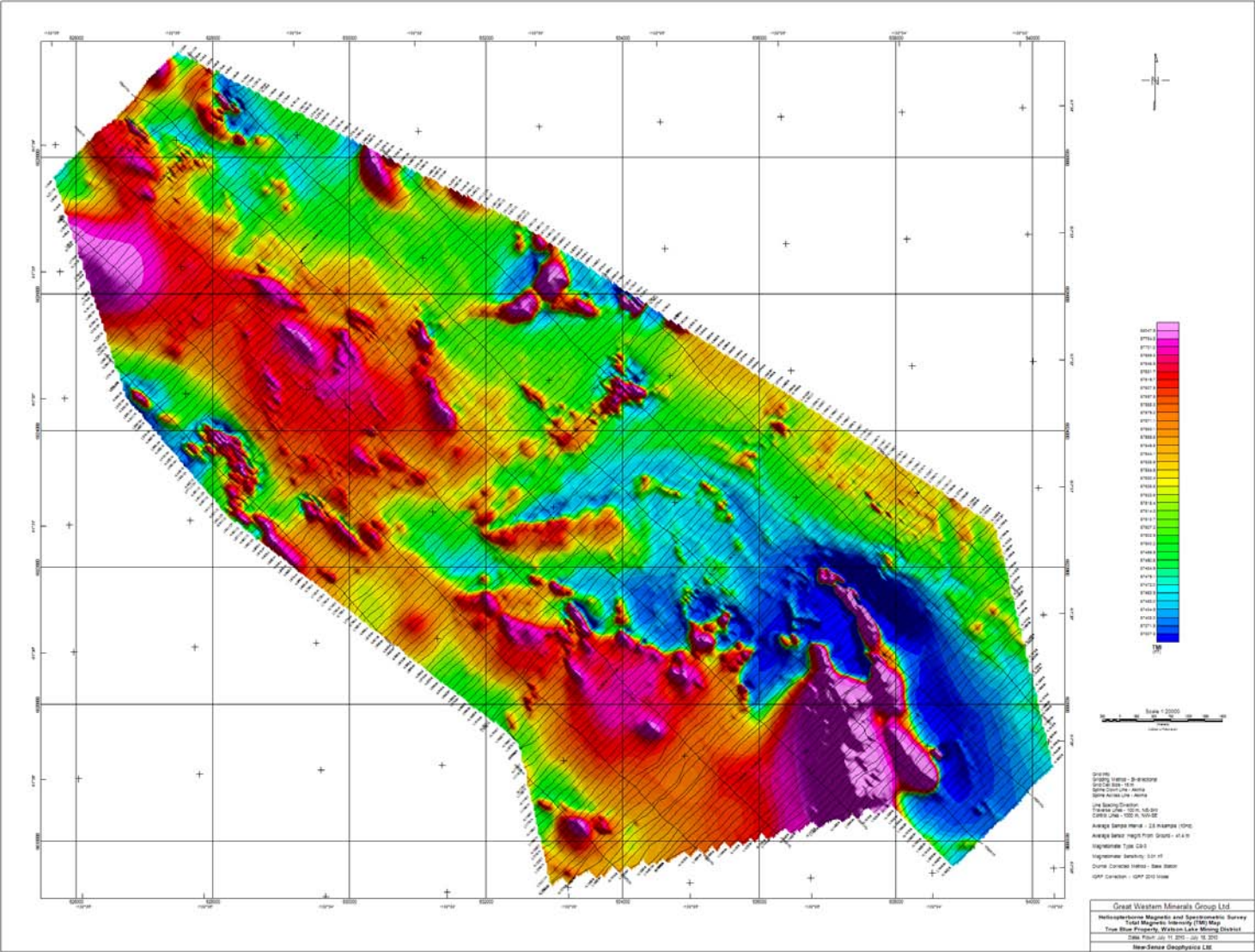
Executed 2010/08/08 21:59:25

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2005	2001	2001	2001	8008
Gain	0.962986	0.953878	0.981236	0.953903	1.021441	-
Peak	871.76 (+/- 0.543)	874.70 (+/- 0.870)	873.30 (+/- 0.602)	871.13 (+/- 0.653)	860.80 (+/- 2.204)	872.82 (+/- 0.324)
FWHM	4.13 (+/- 1.371)	5.75 (+/- 2.547)	4.78 (+/- 1.562)	4.99 (+/- 1.734)	5.91 (+/- 8.576)	4.66 (+/- 0.839)

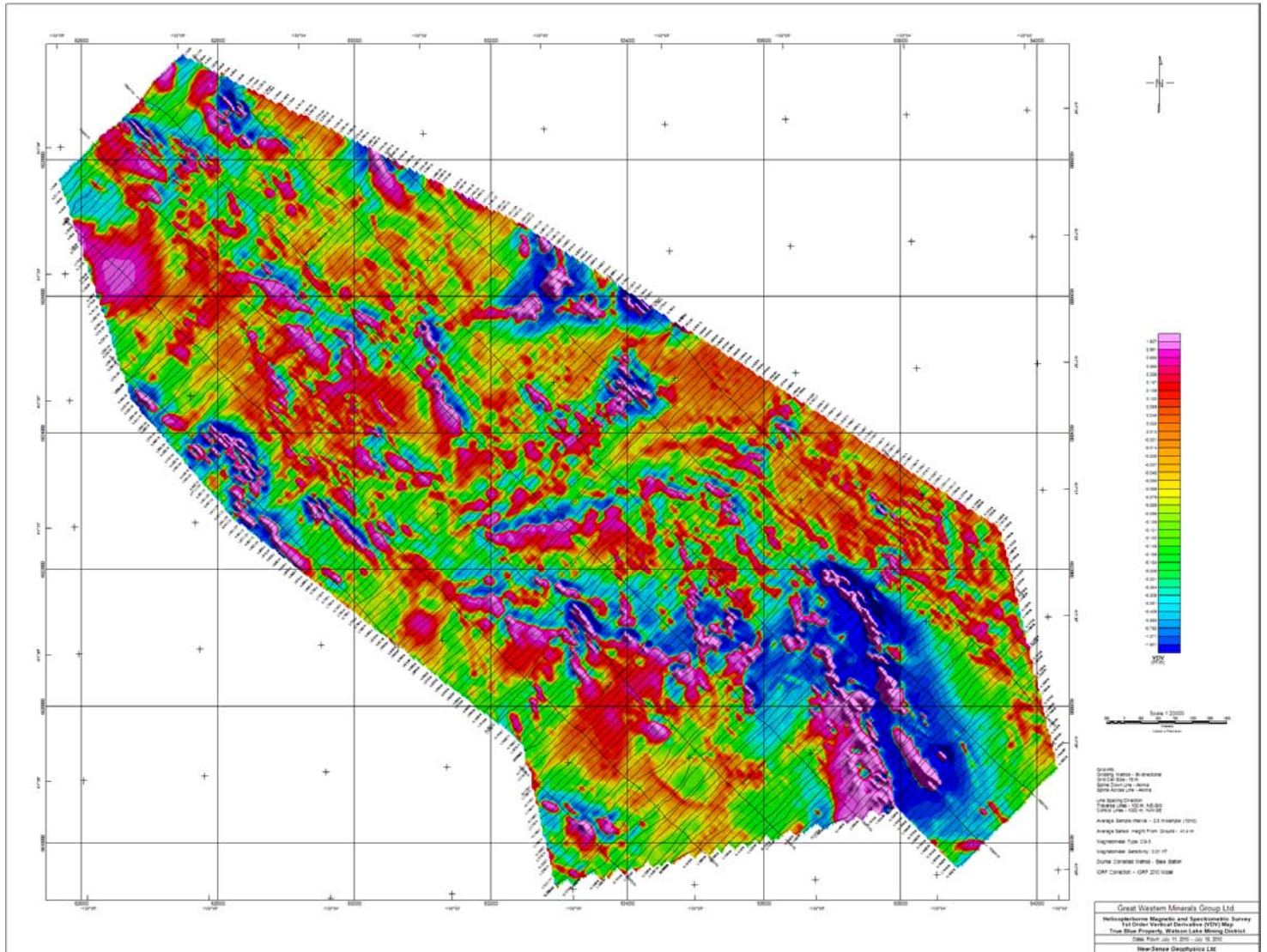


**APPENDIX E: IMAGES OF FINAL MAPS**

**Image of MAG FINAL Map**



# Image of VDV Map



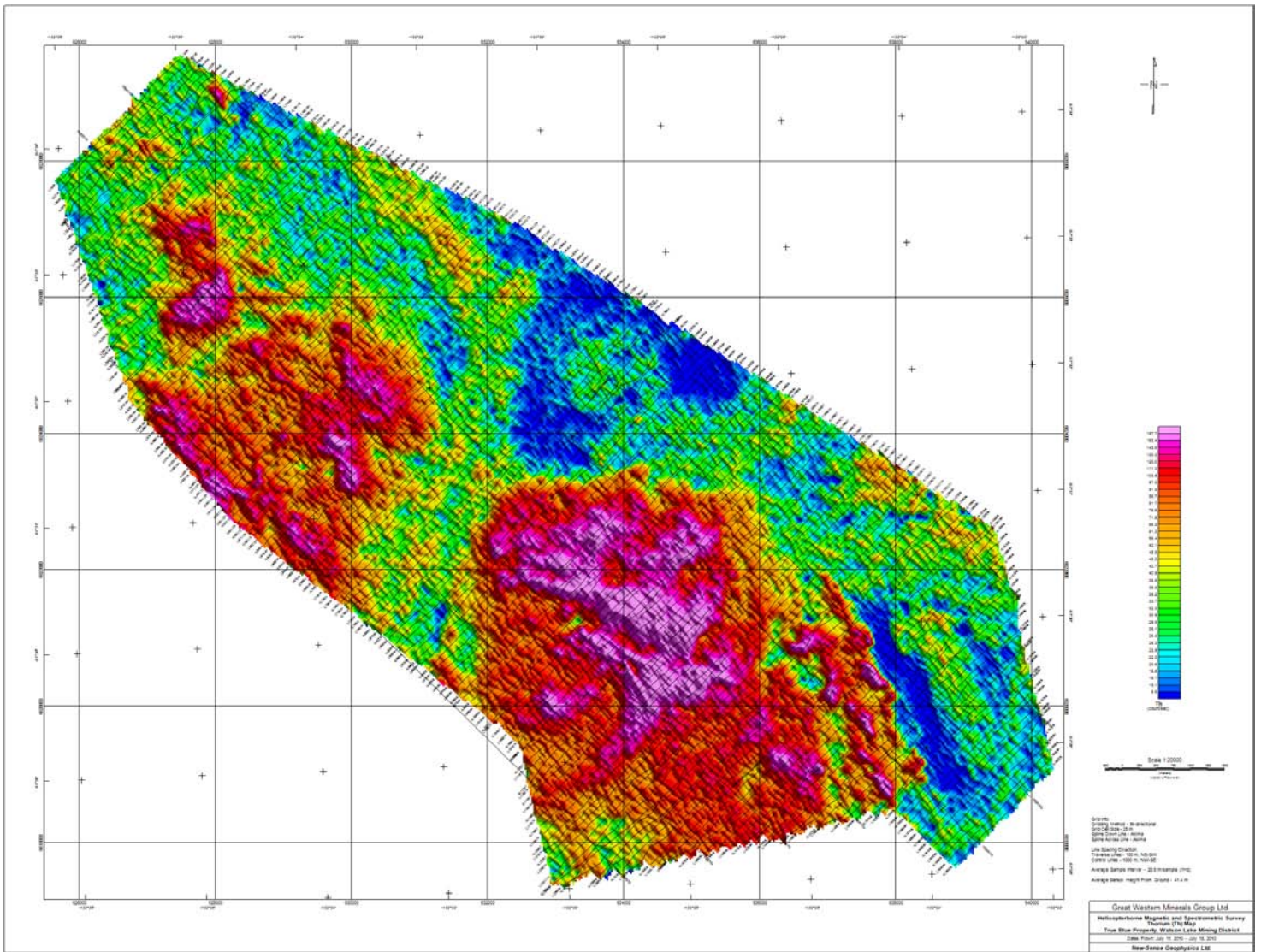




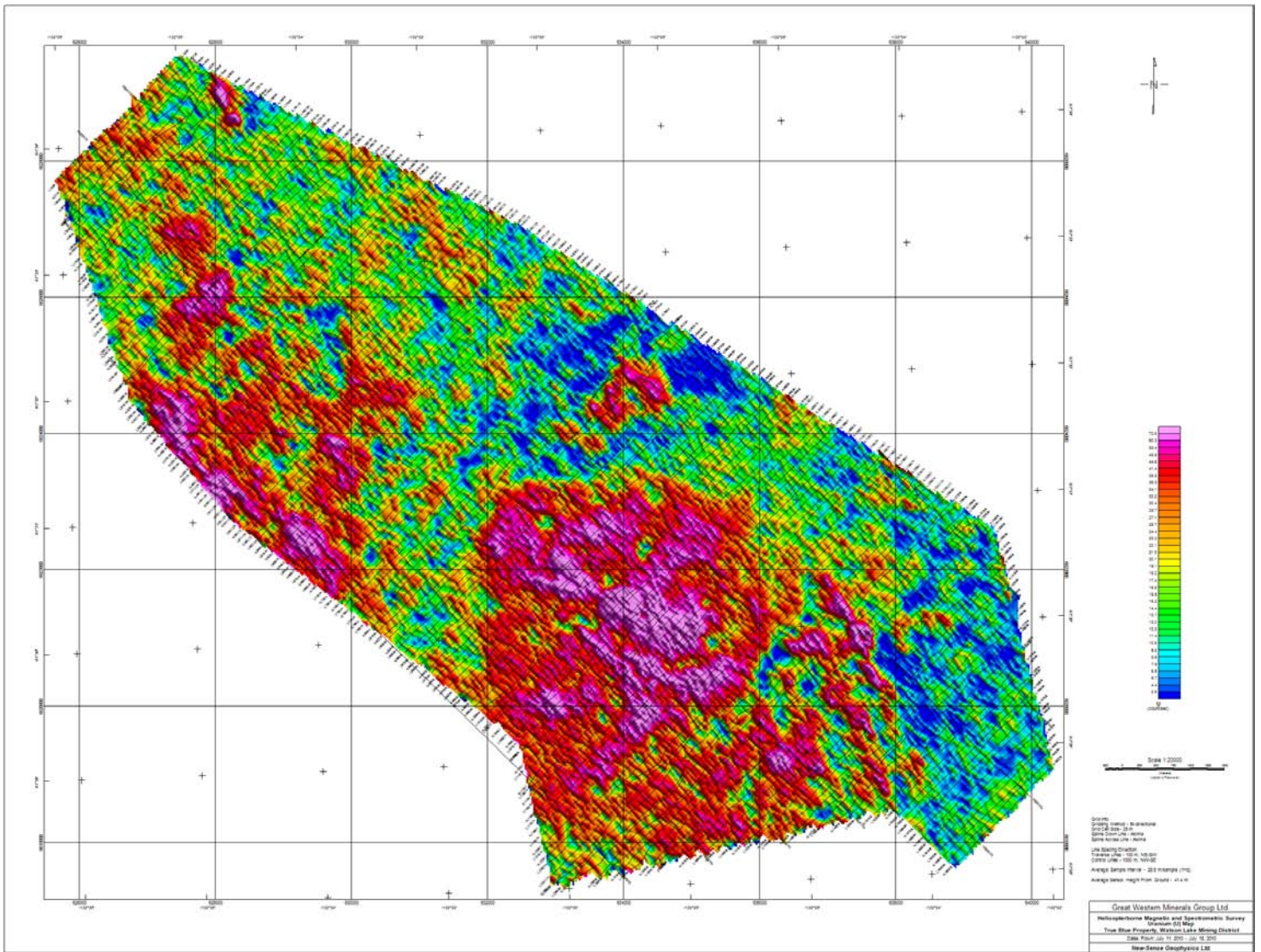




# Image of Thorium Map

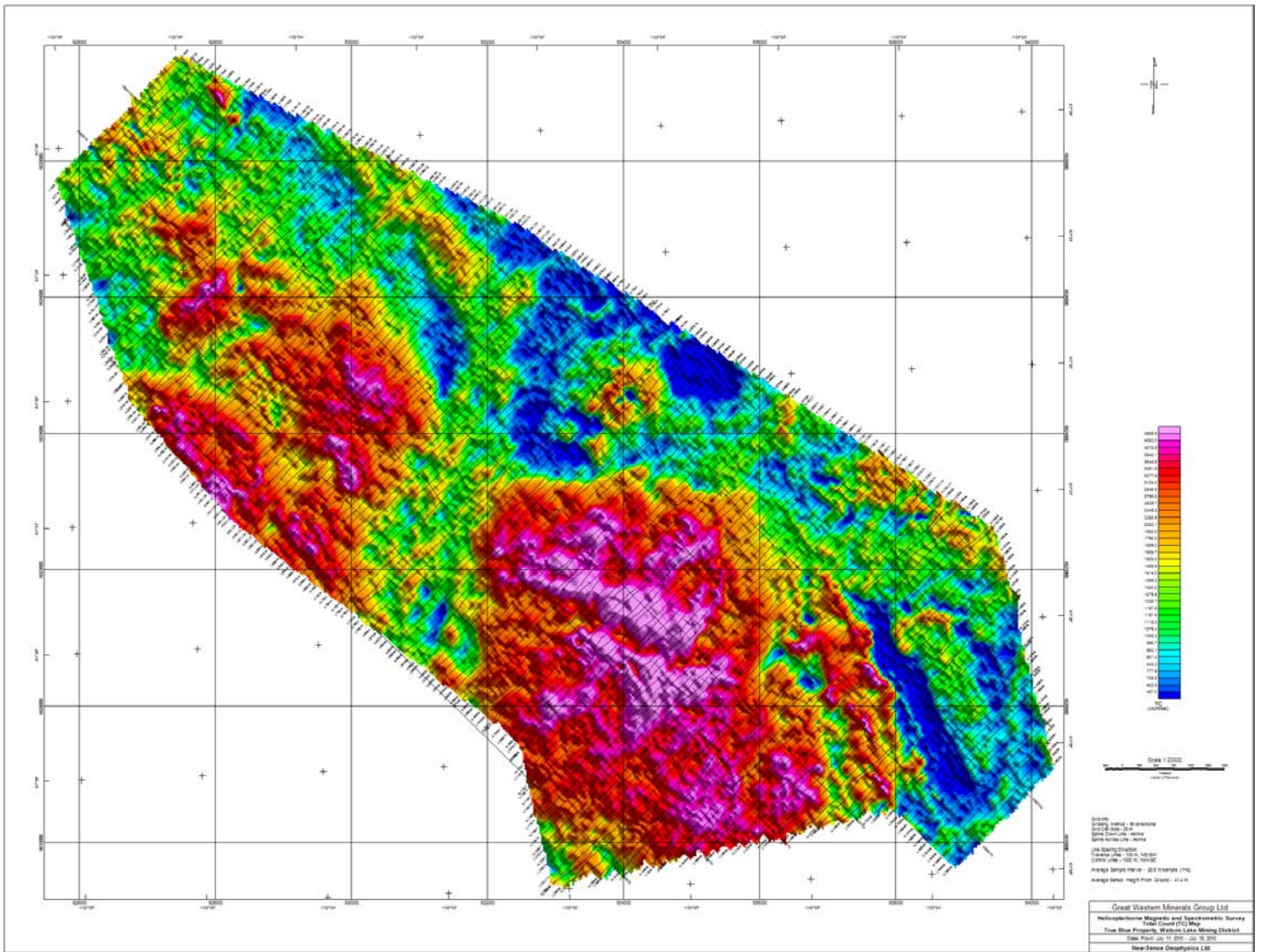


# Image of Uranium Map

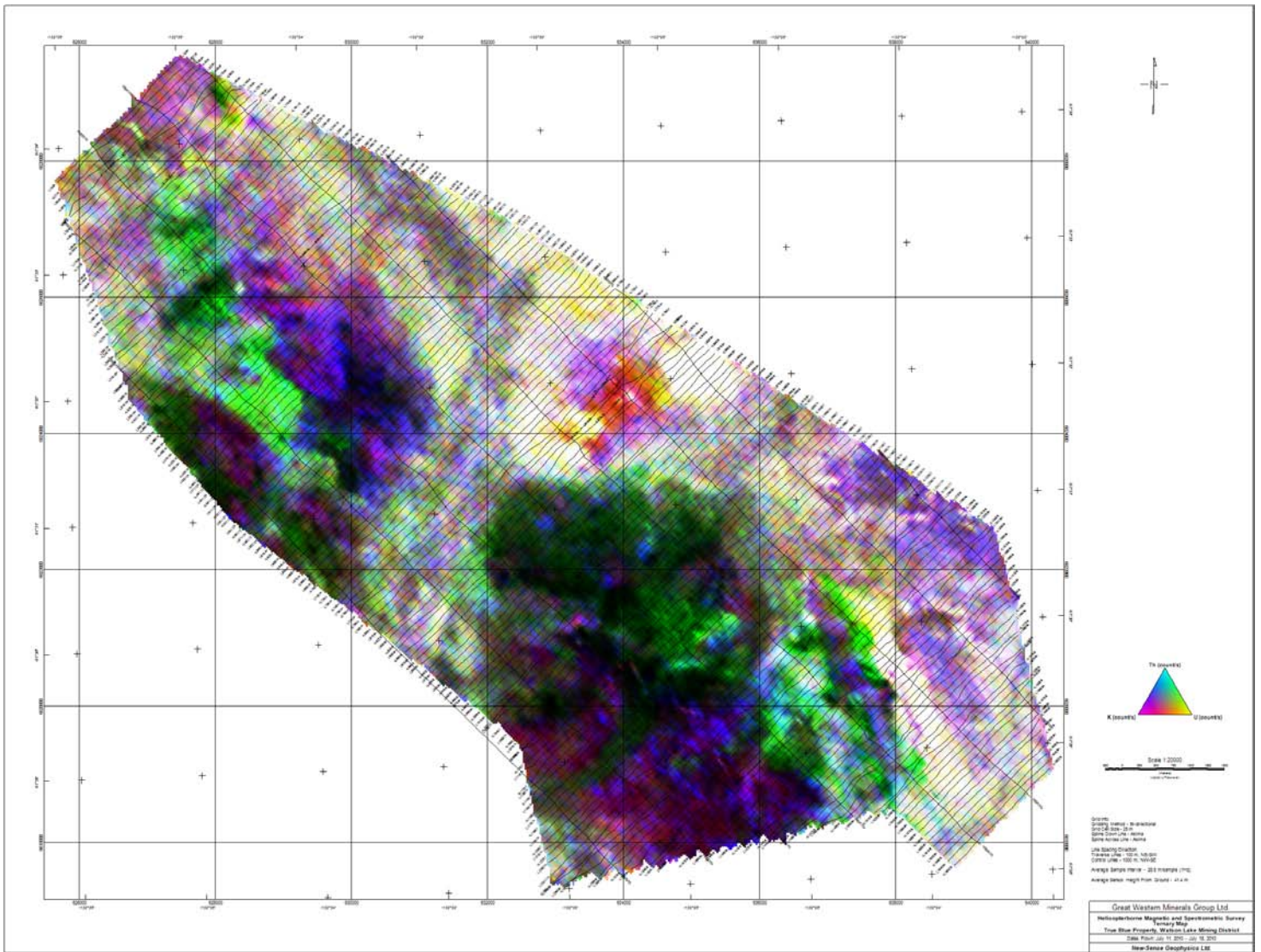




# Image of Total Count Map



# Image of Ternary Map





**APPENDIX F: COPY OF THE CONTRACT**

**CONTRACT  
FOR  
A HELICOPTERBORNE AEROMAGNETIC AND SPECTROMETRIC  
SURVEY FOR GREAT WESTERN MINERALS GROUP LTD. PROPERTY,  
SOUTH OF ROSS RIVER, YUKON, CANADA.**

**NEW-SENSE GEOPHYSICS LTD.** ("NSG"), with its corporate offices at

195 Clayton Drive, Unit 11  
Markham, ON, Canada  
L3R 7P3

Telephone: (905) 480-1107/ (905) 480-9989  
Fax: (905) 480-1207

Offers to carry out airborne geophysical services on behalf of

**GREAT WESTERN MINERALS GROUP LTD.** ("Client"), with its offices at:

226 Cardinal Crescent  
Saskatoon, SK , Canada,  
S7L 6H8

Telephone: (306) 659-4500  
Fax: (306) 659-4501

Contact: John Pearson, V.P. Exploration

in accordance with the following description, terms and conditions.

**TABLE OF CONTESTS**

**1. COMPANY DESCRIPTION .....4**

**2. SURVEY AREA .....5**

**3. TECHNICAL SPECIFICATIONS FOR AIRBORNE SURVEY .....7**

**3.1 TRAVERSE AND CONTROL LINES STATISTICS: .....7**

**3.3 TOLERANCES.....7**

**3.3.1 Traverse line separation .....7**

**3.3.2 Control line spacing.....8**

**3.3.3 Flight Height .....8**

**3.3.4 Missing or Substandard Data.....8**

**3.3.5 GPS .....8**

**3.3.6 Diurnal.....8**

**3.3.7 Speed.....8**

**3.3.8 Re-flights.....8**

**4. PAST PERFORMANCE OR EXPERIENCE AND QUALIFICATIONS .....9**

**4.1 ORGANIZATIONAL EXPERIENCE .....9**

**4.2 REFERENCES OF PREVIOUS SURVEYS .....9**

**4.3 QUALIFICATIONS OF THE PERSONNEL AND PILOTS .....10**

**4.3.1 NSG representative .....10**

**5. NSG'S QUALITY CONTROL.....12**

**6. EQUIPMENT SUITABILITY AND CONTINGENCY PLAN.....14**

**6.1 AVAILABILITY AND QUALITY OF PROPOSED DATA ACQUISITION AND PROCESSING EQUIPMENT .....14**

**6.2 ELECTRONIC NAVIGATION .....15**

**6.3 SAFETY PLAN .....15**

**6.5 SAFETY RECORD .....17**

**7. TECHNICAL APPROACH .....18**

**7.1 AIRBORNE AND GROUND INSTRUMENTATION.....18**

**7.1.1 AIRCRAFT TYPE .....18**

**7.1.2 GEOPHYSICAL FLIGHT CONTROL SYSTEM.....18**

**7.1.3 AIRBORNE MAGNETOMETER .....18**

**7.1.4 GROUND MAGNETOMETER .....19**

**7.1.5 RADAR ALTIMETER .....19**

**7.1.6 FLUXGATE MAGNETOMETER.....20**

**7.1.7 GPS NAVIGATION.....20**

**7.1.8 SPECTROMETER.....20**

**7.1.9 FIELD DATA VERIFICATION SYSTEM.....21**

**7.1.10 FLIGHT FOLLOWING SYSTEM .....21**

**7.2 INSTRUMENT CHECKS AND CALIBRATIONS .....22**

**7.2.1 MAGNETOMETER.....23**

**7.2.2 ALTIMETER.....23**

**7.2.3 RADIOMETRIC.....23**

**7.2.3.1 Pre-survey Spectrometer Calibrations and Tests.....23**

**7.2.3.2 During-Survey Spectrometer Calibrations and Tests.....24**

7.2.3.2.1	Radon Correction Test Line .....	24
7.2.3.2.2	Resolution Daily Tests .....	24
7.3	DATA RECORDS .....	25
7.3.1	DIGITAL RECORDS .....	25
7.4	DATA COMPILATION AND MAP PRESENTATIONS .....	26
7.4.1	MAGNETIC .....	26
7.4.1.1	Field Data Processing .....	26
7.4.1.2	Post-Field .....	27
7.4.1.3	Magnetic data filtering and gridding .....	28
7.4.2	RADIOMETRIC .....	28
7.4.2.1	Field Data Processing .....	28
7.4.2.1.1	Pre-filtering .....	28
7.4.2.1.2	Live Time correction .....	28
7.4.2.1.3	Aircraft and Cosmic Background .....	29
7.4.2.1.4	Radon Correction .....	29
7.4.2.1.5	Compton Stripping .....	30
7.4.2.1.6	Attenuation Corrections .....	31
7.4.1.3	Office Data Processing .....	32
7.4.1.4	Radiometric grids .....	32
8.	FINAL PRODUCTS .....	33
9.	TIME SCHEDULE .....	34
10.	TERMINATION .....	35
11.	LOCAL LICENSES, PERMITS AND CUSTOMS .....	36
12.	CHARGES .....	37
13.	GENERAL CONDITIONS .....	38
13.1	NSG LIABILITY INSURANCE .....	38
14.	PAYMENT TERMS .....	39

## **1. COMPANY DESCRIPTION**

New-Sense Geophysics (NSG) traces its history through its current founder and president Dr. W.E.S. (Ted) Urquhart. First as Urquhart-Dvorak, which specialized in processing airborne geophysical data, to High-Sense Geophysics, which became one of the largest airborne survey companies in the world, until it was purchased by Fugro of Holland in 2000, and then to Geoexplo Limitada., which specialized in airborne geophysical consulting and quality control. This sequence spans over 30 years and leads us to NSG, continuing on in the tradition of airborne survey innovation and quality airborne data acquisition.

NSG has established its HQ office in Markham, Ontario where it operates out of a new purpose-designed and constructed 3000 square foot facility. Here it designs and manufactures its own operator-less systems made ‘field-bullet-proof’ by engineer Glenn Slover.

The facility itself is more advanced than what may be found in leading high tech companies anywhere. It is completely wired for production with any processing station able to share information on the internal network and processors and field people in direct voice and data communication anywhere in the world. Highly secure firewall features prevent unauthorized access and fail-safe systems prevent any potential data loss through accident, intent or act of God. Clients with authorization can view the progress of their survey on a 24/7 basis.

The company has five data processing workstations with capacity to expand to twice that. A large inventory of systems and components provides for rapid remediation of field problems with the hardware should any occur. All this equipment is rigorously tested, using the built-in network and permanently installed sensors including GPS antenna signals available to each workbench.

The company works world-wide and presently has a second office of operation in Santiago Chile where equipment is maintained and processing takes place.

The company and its personnel through its many years in airborne surveying, airborne software and hardware development, and airborne survey data processing, has dealt with literally millions of kilometres of airborne data acquired in perhaps 80 countries. NSG itself has flown, processed and interpreted more than three quarters of a million line kilometres since 2005. These have been for multi-national companies (like Rio Tinto, Barrick, Teck, and BHP), to junior mining exploration companies, to governments. All have received their data on time and to their satisfaction. And in all of its history dating back 30 years, the companies owned and run by Dr. Urquhart, who developed the concept and practice of operatorless surveying, have not had a single accident ... a perfect safety record.

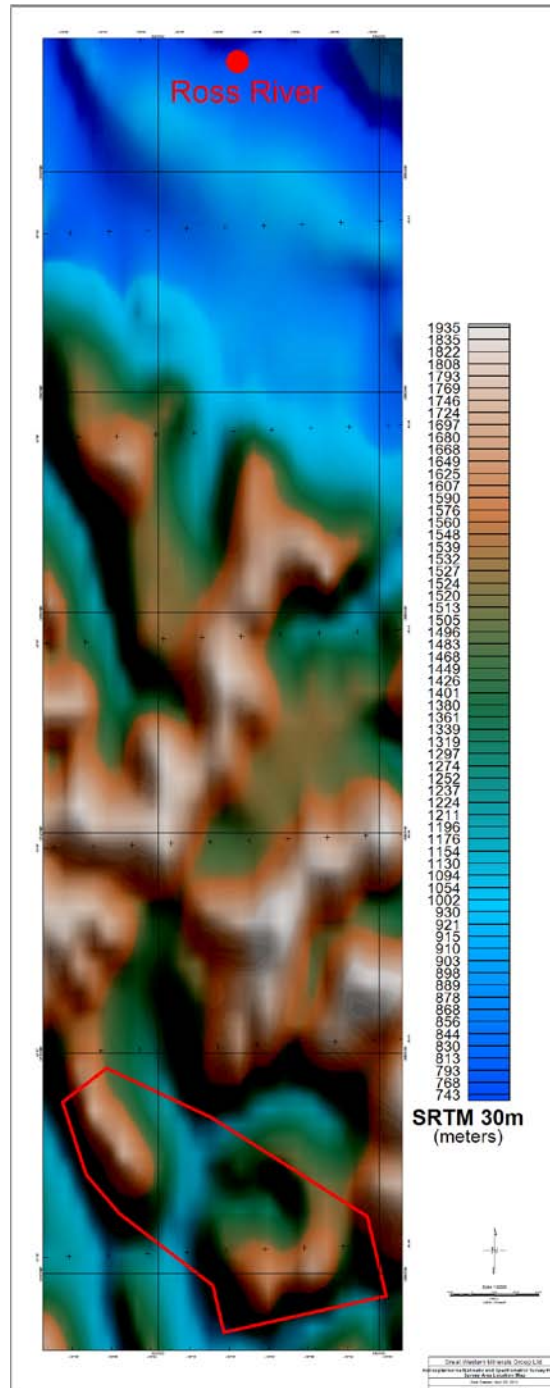
## 2. SURVEY AREA

A helicopter borne magnetic and spectrometric survey is to be carried out on the Client's project area located approximately 55 Km south of Ross River, Yukon, Canada (see Table 1 and Figure 1 for the block's coordinates and its location on a map).

**Table 1**

UTM Zone 8N			
NAD83_X	NAD83_Y	WGS84_X	WGS84_Y
639446	6822594	639446	6822594
640307	6818994	640307	6818994
632966	6817328	632966	6817328
632462	6819478	632462	6819478
628234	6822749	628234	6822749
626729	6824500	626729	6824500
625654	6827784	625654	6827784
627656	6829331	627656	6829331
632406	6827073	632406	6827073
639446	6822594	639446	6822594

Note: the survey will be flown in WGS84, World, UTM Zone 8N and delivered to the client in NAD83, North America, UTM Zone 8N.



**Figure 1.** Survey property airborne block outline in red depicted over Shuttle Radar Topography Mission (SRTM). Coordinate System: WGS84, World, UTM Zone 8N.

### **3. TECHNICAL SPECIFICATIONS FOR AIRBORNE SURVEY**

#### **3.1 Traverse and Control Lines Statistics:**

Traverse Line Direction:	NE-SW
Traverse Line Interval:	100m
Control Line Direction:	SE-NW
Control Line Interval:	1000 m
Estimated Line KM:	880 L/KM (Traverse) 90 L/KM (Control) 970 L/KM (Total)
Mean Terrain Clearance:	30m* nominal
Sampling Interval:	Magnetics 50 Hz/10Hz; Radiometric 1 Hz second
Minimum Line Length:	3 Km

\*Note: The 30 meter flight height will be subject to an on-sight safety audit. In any event, the flight height will be subject to pilot safety concerns.

Actual number of survey line kilometers will be those flown and delivered that fall inside the survey boundaries as listed above.

#### **3.3 Tolerances**

##### **3.3.1 Traverse line separation**

The pilot will fly to the best of his ability to stay within no more the 50% on either side of the theoretical flight path for a distance of 1000 meters unless obstructions or topography require greater deviations for reasons of safety.

There will be no crossing flight lines unless physical obstructions or topography require such deviation for reasons of safety. Such instances will be communicated and discussed with the client representative in writing.

However, if flight-line path deviations are the result of safety concerns, local aviation authority regulations, or military requirements, NSG will not be required to fly fill-in lines.



### **3.3.2 Control line spacing**

Control lines will be surveyed at an average interval as specified, but may be located to avoid, where possible, areas of strong magnetic gradient.

### **3.3.3 Flight Height**

The terrain clearance will be maintained at the planned altitude of 30 meters, subject to the safety requirements, local aviation authority regulations, and/or military requirements.

### **3.3.4 Missing or Substandard Data**

Data will be recorded digitally in the aircraft and at the ground station. Isolated errors, spikes, and short non-sequential gaps consisting of a few points, will be corrected by interpolation.

### **3.3.5 GPS**

GPS will be used for navigation.

### **3.3.6 Diurnal**

Magnetic diurnal activity will be monitored at the base station. If the magnetic activity exceeds 20 nT per 2 minute period, a flight will not depart until the activity has returned to levels below this rate. Once a flight has started it will not be aborted due to diurnal activity.

### **3.3.7 Speed**

The aircraft will maintain a constant airspeed during the survey, with the exceptions where wind direction and/or intensity, or topography will make it impossible to do, while keeping the aircraft safely on line.

### **3.3.8 Re-flights**

Any flight lines or parts of flight lines with data outside the above tolerances will be considered for re-flights. All re-flown lines or portions of lines will be tied to the closest control lines at both ends.

## **4. PAST PERFORMANCE OR EXPERIENCE AND QUALIFICATIONS**

### **4.1 Organizational experience**

NSG provides high quality airborne magnetic/gradiometer and spectrometer surveys using fixed-wing and helicopter platforms. The company is owned and operated by W. E. S (Ted) Urquhart Ph.D. who was the founder and President of High-Sense Geophysics Limited that was sold to Fugro in 2000. After a five-year non-compete period, NSG was inaugurated to re-enter the airborne survey industry to carry on the tradition of providing innovative technologies focusing on collecting the highest quality airborne geophysical data in the safest possible manner.

NSG operates from two offices, one in Markham, Canada where its equipment is manufactured, tested and dispatched throughout the world; the other is in Santiago, Chile where NSG offers airborne geophysical services in Spanish to its South American clients.

NSG has performed airborne geophysical surveys in Africa, North America, Europe, the Middle East and South America. NSG has flown in excess of 700,000 line km in the last 3 years for clients such as major companies like: USGS, BHP Billiton, PG&E, Kennecott, Teck Cominco, Barrick Gold, Kinross, Gold Field, etc.

### **4.2 References of previous surveys**

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Tel: + (976) 11 323033 x103  
Email: peter.j.mills@bhpbilliton.com

## **4.3 Qualifications of the personnel and pilots**

### **4.3.1 NSG representative**

NSG conducts surveys with an operatorless system and as a result typically sends only one field geophysicist on the job site who possesses good knowledge in not only QC/QA, data processing but in the equipment maintenance as well. At this stage it is planned that NSG representative on the job site would be Mr. Sean Plener with Mr. Andrei Yakovenko being the general project manager under the oversight of Dr. William E. S. (Ted) Urquhart

#### **Field:**

Mr. Sean Plener is detail oriented specialist with international and domestic survey and mapping experience and a background in Physical Geography and Earth and Atmospheric Science. Sean has been working with New-Sense since 2007 on both airborne FW and Helicopter total field magnetic and radiometric surveys in different parts of North America and South America.

#### **Geophysicist:**

Mr. Yakovenko, Andrei, has been responsible for fixed wing and helicopter airborne operations including permanent, contract, and air crew supervision, logistics, data QA/QC, data processing, and reporting.

He is a tri-lingual, solutions oriented specialist with international and domestic survey and mapping experience, with a background in geology, underwater, land-based archaeology, and geophysics. Currently a Masters candidate in geophysics at McMaster University, Andrei obtained his B.Sc. (Honors) from the University of Toronto. He is skilled in geophysical data processing using Oasis Montaj and coordinating multiple airborne projects. Andrei has authored multiple scientific publications.

#### **Office supervision:**

Dr. Urquhart has over 40 years of experience in geophysics, during which time he has been involved in field surveys, operations, management, data quality, safety, data enhancement, compilation and interpretation for various projects throughout the world. Ted was an owner and president of High-Sense Geophysics Ltd. (the third largest geophysical airborne survey company in the world). He has participated in projects as diverse as oil basin studies, mineral and diamond exploration and radioactive satellite fragment recovery. Academically, Ted has

conducted research (M.Sc., Ph.D., and professionally) into the correlation of magnetic anomalies with geological factors on both a large and small scale.

## **5. NSG'S QUALITY CONTROL**

During data acquisition, the system will be monitored by the field QA/QC personnel to ensure that the equipment is secure and unchanged. If equipment has been noted to shift or a mechanical part of the aircraft has changed, another FOM will be flown.

Base station and survey flight data is collected immediately after each flight and duplicate copies made. Field staff verify completeness of flown lines, note and log any deviations from the flight path, identify (manual & 4th difference algorithm) and remove noise spikes (note: raw data is maintained), magnetic compensated channels created, daily progress report updated and posted for client, complete data set sent to NSG.

The iNAV V3 system, used for both flight and base station systems, store real time data on two independent storage media (hard disk, and a flash memory device). In the event that one of the devices fails or data were corrupted, a backup remains intact.

Post field production is done on a day-by-day basis. After the field data QA/QC process described in sections 7.4.1 and section 7.4.2, the data is sent to NSG's secure FTP. The post field QA/QC and leveling will be done by either Andrei Yakovenko or Dr. Ted Urquhart. The field staff is in contact with the in-house processor every evening to ensure data was received and to discuss previous flights. If there is an issue, the field staff can be reached by cell or satellite phone to make the necessary corrections before production continues. This immediate processing of the data to pre-final stages, benefits the client in three very important ways: First, there are multiple levels of personnel monitoring the survey data in a short period. If something is missed by the field staff, it will be caught by our in-house personnel before the survey progresses much further; second, we can update the client with current pre-final maps so areas of interest can be discussed and in-fills or re-flights can be planned before the survey lines are completed, thereby minimizing standby days; finally, the pre-final maps are ready the day after flying is completed and can be submitted for the clients approval.

The final products will be prepared as to the contract's obligations, section 8, and with Client's consent on all the data processing steps and procedures. A first version of the final products will be delivered to Client or other client representative for a review and approval.

For additional Data Processing and QA/QC information refer to the following sections regarding:

- Procedures including measures for aircraft's aeromagnetic system calibration (refer to sections 7.2.)
- Inflight data acquisition (sections 7.1 (except 7.1.4, 7.1.9, 7.1.10), 7.2, and 7.3)
- Flight path location (section 7.1.7)

- Ground magnetometer data acquisition (section 7.1.4)
- Data processing and map preparation (sections 7.4 and 8)

## 6. **EQUIPMENT SUITABILITY AND CONTINGENCY PLAN**

### 6.1 **Availability and quality of proposed data acquisition and processing equipment**

#### **Aircraft:**

A Bell 206B or similar helicopter provided by Trans North Helicopters based in Whitehorse, Yukon will be used.



The aircraft with its field crew will operate from Ross River airport and be using a certified fuel truck or fuel drums for refueling at Ross River airport and designated fuel cash closer to the survey area.

The aircraft will be limited to VFR flying conditions. All other conditions will be left to the discretion of the pilot in command.

Due to relatively busy helicopter schedule in the summer, the helicopter of choice and its crew will need to be booked as early as possible to insure its availability for the first part of July.

## **Data Acquisition:**

NSG builds and maintains its own proprietary data acquisition systems known as iDAS. The iDAS system features the KroumVS Instruments KMAG4 magnetometer counter and the KANA8 analog to digital converter. The systems are built with a wide range voltage input (9V to 36V) to accommodate a variety of aircraft power supplies.

The iDAS system uses sophisticated software to provide an autonomous "Operatorless" system resulting in a SAFER survey environments by removing the need for an operator on board the aircraft.



The systems will be available within two weeks of the signing of the contract.

For the data processing NSG is using Geosoft Oasis montaj with a number of build in GX scripts.

## **6.2 Electronic navigation**

Pilot Friendly Navigation display (PI) delivers all the navigation and control features necessary for the pilot to safely maintain the highest quality flight line specifications without additional safety risk of having an operator on board the aircraft (see also section 7.1.7).

## **6.3 Safety Plan**

Safety is the number one priority at NSG. NSG is an active member of the International Airborne Geophysics Safety Association (IAGSA)

Prior to mobilizing to the job site, IAGSA Risk Analysis and NSG Job Safety Plan will be prepared in the Markham office. There are areas of the report that require a physical



presence on the job site (i.e. reconnaissance flight, identifying local hazards, etc.). At the job site, before each departure, the pilot will contact the local air traffic controller.

Prior to flying the first production line, a safety meeting is held by a NSG representative where each of the reports is explained to all members of the survey crew. A reconnaissance flight will then take place and the IAGSA Risk Analysis and NSG Job Safety Plan will be completed.

Every Sunday, a weekly safety meeting takes place where any and all the safety concerns and issues during the past week are brought to attention and logged to a weekly safety report.

Pilot safety is enhanced by the use of a flight following system that provides updates at 2-minute intervals on the GPS location of the aircraft. This information is monitored in real time on the internet by authorized personnel. In case of an emergency the pilot could press a “Panic Button” connected to the Flight Following and the signal will be transmitted at around 10 sec. intervals or less, which would drastically reduce the search area in a case of emergency landing.

The client will be provided with a login for real time monitoring of aircraft activities through this Flight Following System.

In addition, the Flight Following has an integrated satellite phone that is connected directly to the pilot’s headset. This minimizes any distraction to the pilot when sending or answering a call.

Prior to the flight’s departure, a NSG representative records all the information regarding the aircraft status, such as time of departure, endurance, fuel level, etc.

Once in the air, NSG representative monitors the aircraft at least once every half hour. In case of internet problems, a call will be given right away to the satellite phone integrated to the pilot’s headset and once every hour.

If the flight following signal is lost and the pilot cannot be reached by satellite phone, then NSG’s emergency response procedure is initiated (detailed in the NSG Job Safety Plan).

The aviation company will adhere to all the standards and requirements for local approved air operators.

In summary:

- NSG is active members of International Airborne Geophysics Safety association (IAGSA)

- On each job NSG completes both IAGSA Risk Analysis and NSGs Job Safety Plan forms.
- NSG conducts daily safety meetings with the crew before any flying takes place.
- A Flight Following system will accompany NSG iDAS system that provides updates on every 2 minute intervals, which could be monitored through internet access.
- In addition, the Flight Following has an integrated satellite phone that is connected directly to pilot's headset. Thus minimizing any distraction if pilot decides to send or receive a call.
- The client will be provided with a login for real time monitoring of the helicopter activities through the flight following system.

## **6.5 Safety Record**

No accidents or near accidents have ever occurred at NSG. Since its inception, the company has flown over 45 magnetic and/or radiometric surveys totaling well over half a million line kilometers without an accident.

In addition, High-Sense Geophysics formed in 1993, owned by NSG president Dr. Ted Urquhart, also had an accident-free history. High-Sense rose to become one of the world's largest airborne survey contractors and had met and exceeded the rigorous safety standards of BHP, Shell, and Phillips, among others. It had performed surveys without incident or accident in difficult areas including Vietnam, China, Mongolia, Mauritania, Democratic Republic of the Congo, Brazil, and Sudan.

## **7. TECHNICAL APPROACH**

### **7.1 AIRBORNE AND GROUND INSTRUMENTATION**

#### **7.1.1 Aircraft Type**

The aircraft allocated to conduct this survey is a JetRanger 206B helicopter (or different see Section 6.1) with a fix mount stinger assembly with a Cesium magnetometer mounted in it.

#### **7.1.2 Geophysical Flight Control System**

A geophysical flight control system, designed and built by NSG will be provided. This system will control, monitor and record the operation of all the geophysical and ancillary sensors.

#### **7.1.3 Airborne Magnetometer**



The magnetometers will be cesium sensors, operated in strap down tail stinger mount. The orientation of the sensor is adjustable, to provide optimum coupling with the earth's field on reciprocal headings. The magnetometer has a sensitivity of better than 0.01 nT at a sampling interval of 0.1 s. The magnetometer has the capability to measure ambient magnetic fields in the range of about 100 to more than 100,000 nT.

The airborne magnetometer is supplemented with an 18-term digital compensation system that uses the input from a 3-axis fluxgate to determine the aircraft's attitude and rate of change with respect to the earth's magnetic field. The compensation system identifies the permanent, induced and eddy current magnetic

contributions of the aircraft and provides a correction to be applied to the raw magnetic data to remove the maneuver noise.

A FOM will be calculated by summing the absolute errors of each of the 12 maneuvers and will be less than 3 nT.

#### 7.1.4 Ground Magnetometer



Scintrex Cesium CS3 or GSM19 Proton magnetometers will be operated at the base of operations within or near the survey area in an area of low magnetic gradient and free from cultural noise. The sensitivity of the ground magnetometer will be equal to better than 0.1 nT. Data will be recorded continuously every 1 second (or a rate defined by the client) throughout the survey operations in digital form. Both the ground and airborne magnetic readings are automatically time stamped with GPS time to within 0.005 seconds ensuring a very high degree of correlation based on broadcast GPS satellite time.

#### 7.1.5 Radar Altimeter



A Terra 3500 radar altimeter will be operated in the aircraft throughout the survey to provide ground clearance information. The altitude will be recorded every 0.1 second or better. This instrument has a linear performance over the range of 0 to 2500 feet.

### 7.1.6 Fluxgate Magnetometer



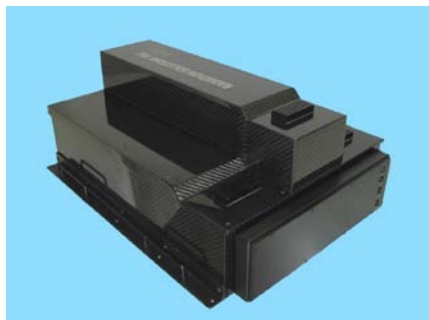
To achieve quality compensation NSG uses a Bartington Mag-03 Three Axis Magnetic Field Sensors. These compact, high performance fluxgate magnetometers with integral electronics provide reliable precision measurements of static and non-static magnetic fields in three orthogonal axes. The magnetometer is mounted inside the stinger assembly.

### 7.1.7 GPS Navigation

A 16-channel GPS navigation system will be used for navigation and flight path recovery. The Ublox RCB-LJ GPS receiver board is powered by the ANTARIS® positioning engine.

The leading ANTARIS® GPS Engine provides excellent navigation performance under dynamic conditions in areas with limited sky view like urban canyons, high sensitivity for weak signal operation without compromising accuracy, and support of DGPS and multiple SBAS systems like WAAS and EGNOS. The 16 parallel channels and 8192 search bins provide fast start-up times. The aiding functionality accelerates start-up times even further. The low power consumption and FixNow™ power saving mode make this product suitable for handheld and battery-operated devices.

### 7.1.8 Spectrometer



The RS-500 Airborne Spectrometer with RSX-5 detector pack, manufactured by Radiation Solutions Inc. (RSI), will be used for the survey. The RS-500

spectrometer has a multi-peak gain stabilization algorithm and is capable of recording 1024 channels with accuracy of 0.1 to 10 counts/second.

The RS-500 is connected to a crystal pack comprising four downward looking crystals (16 liters total) and one upward looking crystal (4 liters total). The downward crystals record the radiometric spectrum from 410 KeV to 2810 KeV over 256 discrete energy windows, as well as from a cosmic ray channel that detects photons with energy levels above 3.0 MeV. From these 256 channels, the standard Total Count, Potassium, Uranium and Thorium channels are extracted. The upward crystal is used to measure and correct for atmospheric Radon interference. The shock-protected Sodium Iodide (Thallium) crystal package is unheated and automatically stabilizes with respect to the multiple peaks. The RS-500 provides raw data that has been automatically corrected for gain, base level, ADC offset, and dead time.

A resolution test will be performed before the first and after the last flight each day in order to monitor sensitivity and resolution of the crystal pack.

#### **7.1.9 Field Data Verification System**

NSG will provide a complete PC based magnetic map compilation facility, to serve as a field verification system. The PC computer based system is equipped with all the software necessary to produce preliminary data images in the field. Data will be provided to the client in a Geosoft format.

The digital data records will be verified at the project site to confirm that data recording has taken place within specifications. All raw digital data recorded in flight and on the ground station magnetometer will be duplicated on site to prevent loss, and stored in separate locations.

In the base where there is e-mail connection, data will be sent on a daily basis for further examination in the head office where areas of infill will be chosen.

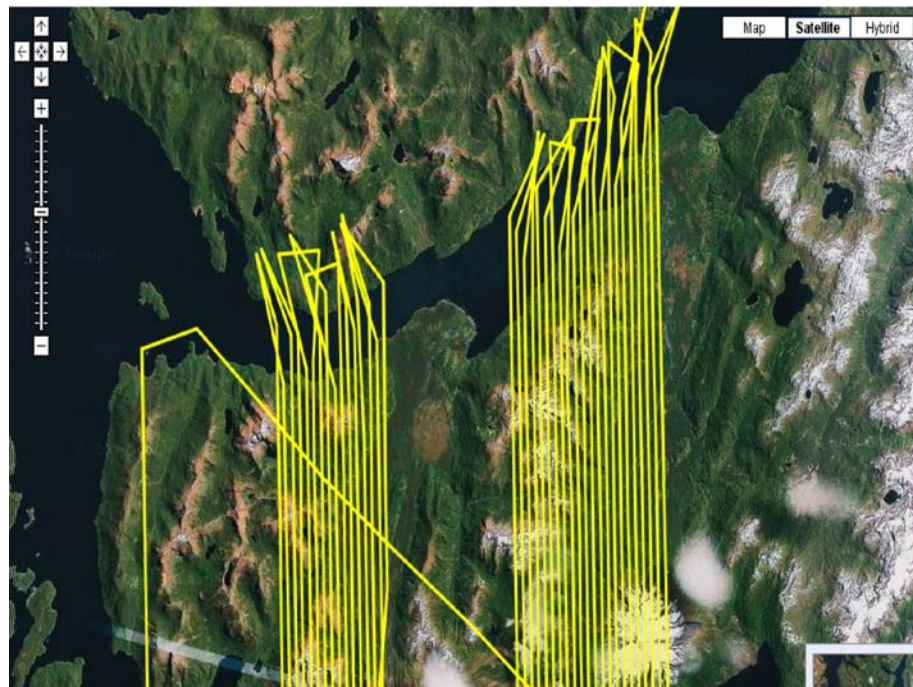
#### **7.1.10 Flight Following System**

NSG places the highest priority on safety and uses satellite tracking and communication technology to monitor all its survey flights. The aircraft will be equipped with Latitude Technologies Skynode S200, a system that includes satellite phone, flight tracking, and messaging transceiver. This system uses the Iridium satellite network, which provides both voice and data communications between the aircraft and ground stations.

The S200 system can be set up for different time frames; it now automatically updates its position at least once every 2 minutes allowing NSG's field or office staff to monitor the progress of the survey flights. All flight staff are trained in the use and the operation of the S200 system.

During the survey, if the pilot experiences any problems with operation of the survey equipment or encounters any other difficulties, he/she can call the field or office staff for support through the satellite phone, which is integrated into the pilots head set. In the event of flight operations problems, field staff can often troubleshoot and correct difficulties allowing survey flights to continue uninterrupted.

In the event of an emergency the pilot may press the "Panic Button" which will cause the system to immediately transmit the location and heading of the aircraft and will continue to transmit the current position of the aircraft continuously at around 10 sec. intervals until the emergency system is turned off.



**Figure 2.** Screenshot of Flight Following Through Internet Web Browser

## 7.2 INSTRUMENT CHECKS AND CALIBRATIONS

Failure to meet the specifications in any check or calibration test will be cause for corrective action by NSG or approval of the Client before survey operations can be undertaken.

### **7.2.1 Magnetometer**

Figure of Merit (FOM)

A test will be flown on-site prior to the survey to determine the FOM of the installed magnetometer. The system will be flown on the four cardinal headings doing a pitch, roll, and yaw, maneuver on each. The FOM will be calculated by summing the absolute errors of each of the 12 maneuvers and will be less than 3 nT.

### **7.2.2 Altimeter**

Checks of the radar altimeter calibration will be undertaken above the base airstrip or some other suitable location with known elevation and flat terrain.

### **7.2.3 Radiometric**

#### **7.2.3.1 Pre-survey Spectrometer Calibrations and Tests**

Calibration of the spectrometer system is a vital process to airborne radiometrics or airborne gamma-ray spectrometry. The calibration of the spectrometer system involved three tests:

- Calibration Pad measurements, which are used to determine the “spectral overlap” (Compton scattering) coefficients. The calibration test is performed within a 12 month period before and/or during the survey by the manufacturer, Radiation Solutions Inc., at its headquarters location in Mississauga, Ontario.
- Cosmic Flight Test, which is used to determine the aircraft background values and cosmic coefficients. A series of high altitude test lines (e.g., 8,000 ft, 9,000, ft, 10,000 ft, and 11,000ft (if capable) above sea level) will be flown in the vicinity of the survey areas.
- Height Attenuation Test, which determines the altitude attenuation coefficients. A series of test lines (e.g., 50 ft, 100, ft, 150 ft, 200, ft, 250 ft, 300 ft, 400, 600 ft, 800 ft, and 1000 ft above ground) over dry and flat ground, will be flown in the vicinity of the survey areas.



## **7.2.3.2 During-Survey Spectrometer Calibrations and Tests**

### **7.2.3.2.1 Radon Correction Test Line**

The determination of calibration constants that enable the stripping of the effects of atmospheric radon from the downward-looking detectors through the use of an upward looking detector is divided into two parts:

- 1) Determining the relationship between the upward and downward looking detector count rates for radiation originating from the ground.
- 2) Determining the relationship between the upward and downward looking detector count rates for radiation due to atmospheric radon.

The procedures to determine these calibration factors are documented in IAEA Report #323 on airborne gamma-ray surveying. The calibrations for the first part will be determined as outlined in the report.

The latter case normally requires many over-water measurements where there are little to no contributions from the ground. Where this is not possible, it is standard procedure to establish a test line/spot over which a series of repeat measurements are acquired.

A test area will be established over a flat ground near the base of operation. Each day when flying takes place the aircraft will hover over the test area for 5 min in order to collect data that later could be used to estimate atmospheric radon fluctuations.

### **7.2.3.2.2 Resolution Daily Tests**

The usual measure of the energy-resolution of a spectrometer system uses the “full width at half maximum (FWHM)” of a photo-peak. This is the width of the peak at half the maximum amplitude divided by the energy of the photo-peak.

The overall system resolution based on the Th photo-peak at 2.61 MeV should always be better than 7% on all downward looking

crystals. If the resolution changes by more than 1% (eg, 4% to more than 5%) from that measured at the start of the survey, flying operations will be ceased until the source of the problem is found and rectified.

**This test is not required with the RS-500 system and will only be performed at the Clients request and upon availability of Th source material.**

## **7.3 DATA RECORDS**

### **7.3.1 Digital Records**

The airborne data acquisition system will record the following information digitally in a format that enables the recording of each variable over its full dynamic range:

- Fiducial count
- GPS UTC time
- GPS latitude, longitude, UTM easting, northing and elevation above ellipsoid
- Raw magnetic total field
- Calibrated radar altimeter output
- Three Fluxgate channels
- Raw Potassium counts
- Raw Thorium counts
- Raw Uranium counts
- Raw upward-looking Uranium counts
- Raw Total Count
- Raw Cosmic counts
- Live Time
- Downward Spectrum

The base station will record the following information digitally in a format that enables the recording of each variable over its full dynamic range.

- GPS time (used as fiducial number)
- GPS raw satellite range information
- Raw magnetic total field

All survey parameters including raw magnetic total field, electronic positioning, radar altimeter, and time and fiducial markers will be recorded digitally during

data acquisition in flight. The magnetic base station will record total magnetic field and GPS time.

The data acquisition system organizes the data in a form directly suited to building the processing database. This digital file structure has for each traverse and control line a unique line number and segment number. The base station magnetic profile and GPS coordinates are added to the database using GPS time for alignment.

## **7.4 DATA COMPILATION AND MAP PRESENTATIONS**

The NSG Field-Mapper PC based computer compilation system will be used to process the collected geophysical data on-site as the survey progresses. The 'on-site' processing will enable the Client to review the magnetic data to evaluate targets to make a qualified decision regarding any changes to the survey quantity and size. This will allow the selection of “in-fill” or area extensions. The preliminary data will be sent via FTP site (assuming reasonable speed internet connection is available) for the client’s review at least once a week (more often should the client require).

### **7.4.1 Magnetic**

#### **7.4.1.1 Field Data Processing**

After collecting flight and base station data, flight data will be imported to Oasis montaj using a NSG template that includes all project data channels. Next flight data will be windowed to only include flight path data within the survey block using custom NSG script that will be developed for the Woodjam survey area.

Magnetic flight data from the tail will then be duplicated to ensure original raw data is not modified in any way. Profiles for the duplicated channels are then checked for visible noise spikes. Any noise spikes are then cleaned manually and interpolated. From there, field staff will run an automated script that will look for any missed noise spikes. This automated script employs a 4th difference algorithm to identify noise spikes in magnetic data. After other channels (radio altimeter, flux gate profiles etc.) are inspected for normal behavior that database is prepared for magnetic compensation. Using QC Tools, compensation coefficients are applied to the cleaned magnetometer channel and the database is saved.

From here, NSG staff will import base station data into Oasis montaj using a NSG template. Base station data is duplicated to maintain a raw channel and then checked for visible noise spikes. After noise spikes have been removed and interpolated, a 101 (or other job specific) low pass filter is applied to base station magnetic channel and the database is saved.

Next, the flight and base station databases are merged, synchronized (using the GPS clock channel recorded by both systems), compressed, encrypted and sent to NSG's secure server in Toronto, for in-office QA/QC and processing procedure.

NSG field staff from there will updated and complete all daily logs (weekly progress report, daily procedures checklist, weekly summary meeting etc.).

#### **7.4.1.2 Post-Field**

As the data being received from the field on day-to-day basis it is reviewed for QA/QC once again to insure that nothing got missed in the field. The data is checked for quality of magnetic signal from all sensors, including the base station magnetometer, fluxgate magnetometer, radar altimeter, line deviations etc. The profiles of the above data are plotted and checked on line-by-line basis. Algorithms like 4th-difference are used to check the CS3 signal.

After the data has been QA/QC checked it is merged with an ongoing master database. Where the following data processing steps take place:

- 1) Diurnal correction - subtracted directly from the aeromagnetic measurements to provide a first order diurnal correction. The mean of base station readings is added back to the data.
- 2) Heading error correction - using pre-constructed heading table.
- 3) Lag correction – to correct for sensor-to-GPS offset.
- 4) Simple Leveling - a survey line/control line network will be created in order to determine differences in magnetic field at the line intercepts. The differences will be calculated and tabulated, then used to guide subsequent manual leveling on any lines or line segments which required adjustments. See image below for an example of contour Total Magnetic Intensity (TMI) map produced after Simple Leveling was applied.
- 5) Microleveling – depending on the Simple Leveling results a Microleveling might be needed in order to further correct the data for linear line-to-line noise. The technique used will be the one developed by Paterson, Grant &

Watson Limited and available through Geosoft Oasis montaj with the mutually accepted parameters.

- 6) IGRF correction - The total field strength of the International Geomagnetic Reference Field (IGRF) 2005 model will be calculated for every data point, based on the spot values of latitude, longitude and GPS altitude, using the 2005 model. This IGRF will be removed from the measured survey data on a point-by-point basis. The mean of IGRF readings is added back to the data.

#### **7.4.1.3 Magnetic data filtering and gridding**

A small (e.g., 7-11 Low Pass or 11-21 points cosine at 10Hz data) filter may be applied on the raw data to smooth out some small high frequency noise.

The TMI grid will be produced using bi-directional gridding technique, with 20 m cell size (or other suitable size depending on liner spacing) and Akima spline across and down lines.

### **7.4.2 Radiometric**

#### **7.4.2.1 Field Data Processing**

After collecting flight data, the radiometric data will be imported to Oasis montaj using a NSG template that includes all project data channels. Next flight data will be windowed to only include flight path data within the survey block. After, an in house-developed radiometric processing GX will be run on the database, which will apply the following corrections:

##### **7.4.2.1.1 Pre-filtering**

The cosmic and radar altimeter channels will be processed with a 10-20 point and 5 point low pass filter respectively to remove spikes.

##### **7.4.2.1.2 Live Time correction**

All the elements including upward looking Uranium and Total Count will be corrected for Live Time using the following formula:

$$Cl_t = C_{raw} \times (1000/LT)$$

Where:

- $Cl_t$  is the live time corrected channel
- $C_{raw}$  is the raw channel
- $LT$  is the Live Time channel

#### 7.4.2.1.3 Aircraft and Cosmic Background

Aircraft background and cosmic stripping corrections will be applied to the Total Count, Potassium, Uranium, Thorium and upward Uranium channels using the following formula:

$$C_{ac} = Cl_t - (ac + bc \times Cosf)$$

Where:

- $C_{ac}$  is the background and cosmic corrected channel
- $Cl_t$  is the live time corrected channel
- $ac$  is the aircraft background for this channel
- $bc$  is the cosmic stripping coefficient for this channel
- $Cosf$  is the filtered cosmic channel

All negative counts after this correction step will be replaced with zeroes.

#### 7.4.2.1.4 Radon Correction

Note: no radon corrections will be applied during the survey. The following is the radon correction description that will be applied after the survey is completed. Until then the various radon coefficients and constants will simply be replaced with 0.

The background and cosmic corrected Thorium, Uranium and upward Uranium data for each line will be smoothed with Hanning filter to produce  $Th_f$ ,  $U_f$ , and  $u_f$  respectively. The radon component in the downward uranium window will then be determined using the following formula:

$$Ur = ( uf - a1 \times Uf - a2 \times Thf + a2 \times bth - bu ) / ( au - a1 - a2 \times ath )$$

Where:

- Ur is the radon component in the downward uranium window
- uf is the filtered upward uranium
- Uf is the filtered uranium
- Thf is the filtered thorium
- a1, a2, au and ath are proportionality factors and
- bu and bth are background constants

The effects of radon in the downward uranium are removed by directly subtracting Ur from Uac. The effects of radon in the Total Count, Potassium, Thorium and upward Uranium are then removed based upon previously established relationships with Ur. The corrections are applied using the following formula:

$$Crc = Cac - ( ac \times Ur + bc )$$

Where:

- Crc is the radon corrected channel
- Cac is the background and cosmic corrected channel
- Ur is the radon component in the downward uranium window
- ac is the proportionality factor and
- bc is the background constant for this channel

All negative counts after this correction step will be replaced with zeroes.

#### **7.4.2.1.5 Compton Stripping**

Following the radon corrections for Uranium and Total Count, the potassium, uranium and thorium will be corrected for spectral overlap. First the stripping ratios  $\alpha$ ,  $\beta$ , and  $\lambda$  were modified according to altitude. Then an adjustment factor based on the reversed stripping ratio (a), uranium into thorium, was calculated.

$$ah = \alpha + hef \times 0.00049$$

$$\beta h = \beta + hef \times 0.00065$$

$$\chi h = \chi + hef \times 0.00069$$

Where:

- $\alpha, \beta, \chi$  are the Compton stripping coefficients
- $\alpha h, \beta h, \chi h$  are the height corrected Compton stripping coefficients
- $hef$  is the height above ground in meters

The stripping corrections are then carried out using the following formulas:

$$ar = \frac{1}{1 - a\alpha h}$$

$$Th_c = (Th_{bc} - aU_{rc}) \times ar$$

$$U_c = (U_{rc} - Th_{bc}\alpha h) \times ar$$

$$K_c = K_{bc} - \beta h Th_c - \chi h U_c$$

Where:

- $U_c, Th_c,$  and  $K_c$  are corrected Uranium, Thorium and Potassium
- $\alpha h, \beta h, \chi h$  are the height corrected Compton stripping coefficients
- $U_{bc}, Th_{bc},$  and  $K_{bc}$  are background and cosmic corrected Uranium, Thorium and Potassium
- $ar$  is the backscatter correction
- $a$  is the reverse stripping ratio U into Th

All negative counts after this correction step will be replaced with zeroes.

#### 7.4.2.1.6 Attenuation Corrections

The Total Count, Potassium, Uranium and Thorium data will then be corrected to a nominal survey altitude according to the equation:

$$Ca = C \times e^{-\mu(h_0-h)}$$



Where:

- $Ca$  is the output altitude corrected channel
- $C$  is the input channel
- $\mu$  is the attenuation correction for that channel
- $h$  is the radar altimeter height, in metres
- $h0$  is the nominal survey altitude used as datum

All negative counts after this correction step will be replaced with zeroes.

#### **7.4.1.3 Office Data Processing**

All of the above calibration procedures, tests and corrections applied in the field will be reviewed for QA/QC by assigned office QA/QC and data processing person .

#### **7.4.1.4 Radiometric grids**

Grids of Potassium, Thorium, Uranium and Total Count will be produced using bi-directional gridding technique, with 20 m cell size (or other suitable size) and Akima spline across and down lines.

## **8. FINAL PRODUCTS**

The following is the list of items that will be delivered to the Client:

### **Hard copies (2 copies):**

- Ternary map of Th, U and K (1:20,000 scale)
- Map of Potassium (1:20,000 scale)
- Map of Thorium (1:20,000 scale)
- Map of Uranium (1:20,000 scale)
- Map of Total Count (1:20,000 scale)
- Map of Total magnetic Intensity (1:20,000 scale)
- 1<sup>st</sup> order Vertical Derivative (1:20,000 scale)
- Digital Terrain Model (1:20,000 scale)
- Final Logistics Report

### **Soft copies (2 copies):**

- Ternary map of Th, U and K at 1:20,000 scale
- Grid and map of Total Magnetic Intensity at 1:20,000 scale
- Grid and map of Potassium counts at 1:20,000 scale
- Grid and map of Thorium counts at 1:20,000 scale
- Grid and map of Uranium counts at 1:20,000 scale
- Grid and map of Total Count at 1:20,000 scale
- Grid and map of 1<sup>st</sup> order Vertical Derivative at 1:20,000 scale
- Grid and Map of Digital Terrain Model at 1:20,000 scale
- Final Logistics Report
- Radiometric data database in Geosoft gdb format including all raw data and height corrected Potassium, Thorium, Uranium, and Total Count
- Magnetics data database in Geosoft gdb format including raw data, base station, compensated, base station corrected, IGRF corrected, heading corrected, lag corrected, simple leveled, and microleveled (optional) total field.
- Database and channel descriptions file in Excel format
- Weekly and Line Progress report

## **9. TIME SCHEDULE**

The project is scheduled to start at the end of June or beginning of July 2010. In any event, NSG will require 3 to 4 weeks after the signing of the contract in order to make equipment and staff available and insure successful permitting. The start date will also depend on availability of the helicopter.

## **10. TERMINATION**

In the event that the geophysical platform or equipment becomes inoperable, NSG will proceed with diligence to rectify the problem within a reasonable period of time. If within the aforementioned period of time NSG fails to rectify the problem, the Client may, at their discretion, terminate the work under this Proposal in full or in part. In the event of such termination, the Client shall be obliged to pay NSG for services rendered only up to the date of receipt of a written notice of such termination and for documented expenses incurred by NSG prior to the date of receipt of termination notice, and for reasonable cancellation and demobilization costs.

## **11. LOCAL LICENSES, PERMITS AND CUSTOMS**

Client will take the responsibility for obtaining all local licenses and permits required to perform the services. Out of pocket costs for permitting will be reimbursed by the client.

## 12. CHARGES

Survey and Map Production	CAD \$89.05 L/KM
Mobilization/De-mobilization to project:	CAD \$ 13,000.00

**A standby** of a residual helicopter daily minimum will be charged to the client for any days when surveying cannot be accomplished due to any reason outside control of NSG.

*Note:* These prices are net of all local taxes (e.g., GST or HST if applicable).

### **13. GENERAL CONDITIONS**

NSG will carry out the agreed services in a proper and workmanlike manner with a high standard of safety and in accordance with the laws, rules and regulations applicable to the project location.

At all times during the term of this Proposal, the NSG or its subcontractors shall carry and maintain at its own expense, work insurance protection of the kinds and in the minimum amounts set forth below:

#### **13.1 NSG Liability Insurance**

- Employer's Liability and Workmen's Compensation insurance to cover employees furnished by NSG including:
  - (a) Statutory Workmen's Compensation benefits in compliance with the laws of the state, province or country in which the aircraft operations under this Proposal will be performed;
  - (b) Employer's Liability to have limits of not less than \$5,000,000 per person, and \$5,000,000 per accident;
  - (c) Employer's Liability applicable to all provisions outlined above with limits not less than \$5,000,000 each person, \$5,000,000 each occurrence.
- Comprehensive General Liability Insurance. Such insurance shall cover all operations in all provinces, states and countries in which the aircraft operation or services may be performed by NSG hereunder and shall include the following:
  - (a) Limits of liability: not less than \$5,000,000 for death or injury of any one person, \$5,000,000 in the aggregate for all persons injured or killed as the result of any one accident, and \$5,000,000 for loss of or damage to property resulting from any one accident.
  - (b) Contractual liability coverage for NSG's obligations hereunder;

## 14. PAYMENT TERMS

Total estimated cost:

Mobilization/De-mobilization to project:	CAD\$ 13,000.00
Survey and Map Production (~970Km @ \$ 89.05 L/Km):	CAD\$ 86,378.50 L/KM
Estimated Total:	CAD\$ 99,378.50

Note: These prices are net of all local taxes.

### Payment Schedule

An initial payment, due on signing:	20% of selected survey Plan price
A second payment, on the mobilization to the job site:	30% of selected survey Plan price
Third payment, due on completion of flying:	40% of selected survey Plan price
On delivery of final maps and reports:	Balance

Note: These prices are net of all local taxes.

All invoices are due and payable upon submission at the Client's address indicated in Section 1 of this Survey Agreement. A service charge of 0.4 % per week on unpaid balance is payable on all overdue accounts.

The payment schedule is subject to negotiation should the proposed schedule not conform to the client's norms and regulations.



Funds will be paid by wire transfer to:

In CAD Funds

Beneficiary: New-Sense Geophysics Limited  
Bank: The Bank of Nova Scotia  
Account #: 02011  
Transit #: 11452  
Institution Code: 002  
Swift: NOSCCATT  
ABA Routing: 026002532  
Address: 880 Eglinton Avenue E. at Laird Drive  
Toronto, Ontario, M4G 2L2, Canada

NEW-SENSE GEOPHYSICS

GREAT WESTERN MINERALS GROUP

Name (print): Andrei Yakovenko

Name (print): John Pearson

Title: V.P. Operations

Title: V.P. Exploration

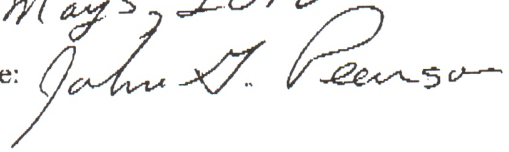
Date: *May 6, 2010*

Date: *May 5, 2010*

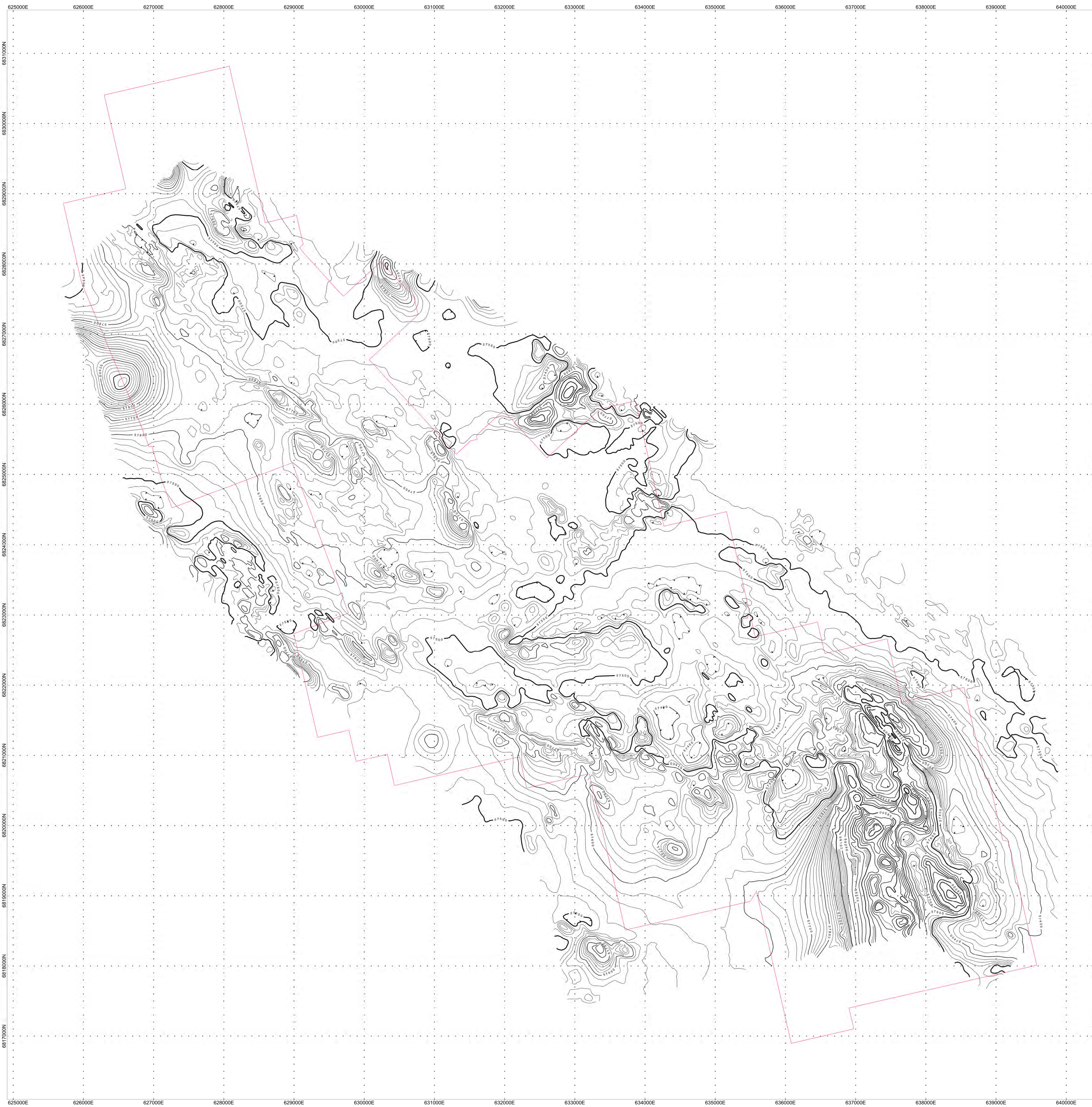
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Signature:







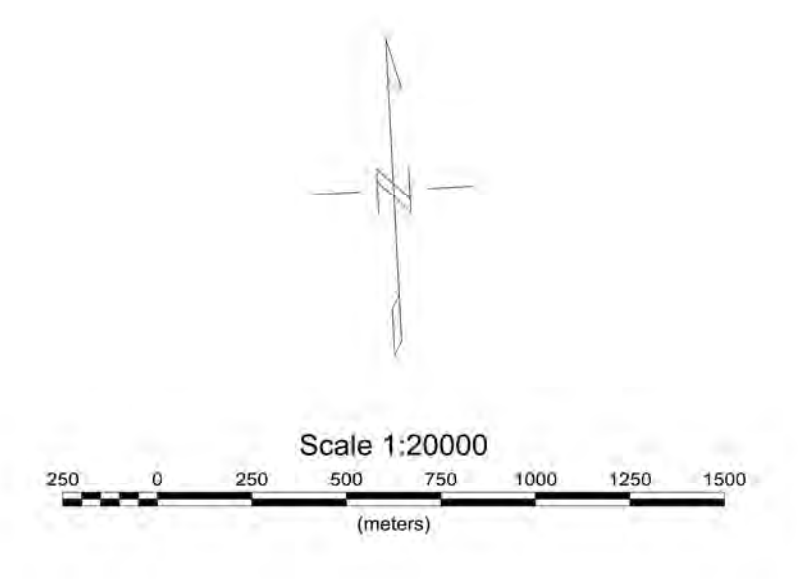
Property Outline Marked in Red

Magnetic Contouring in Black

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 Spline Down Line - Akima  
 Spline Across Line - Akima

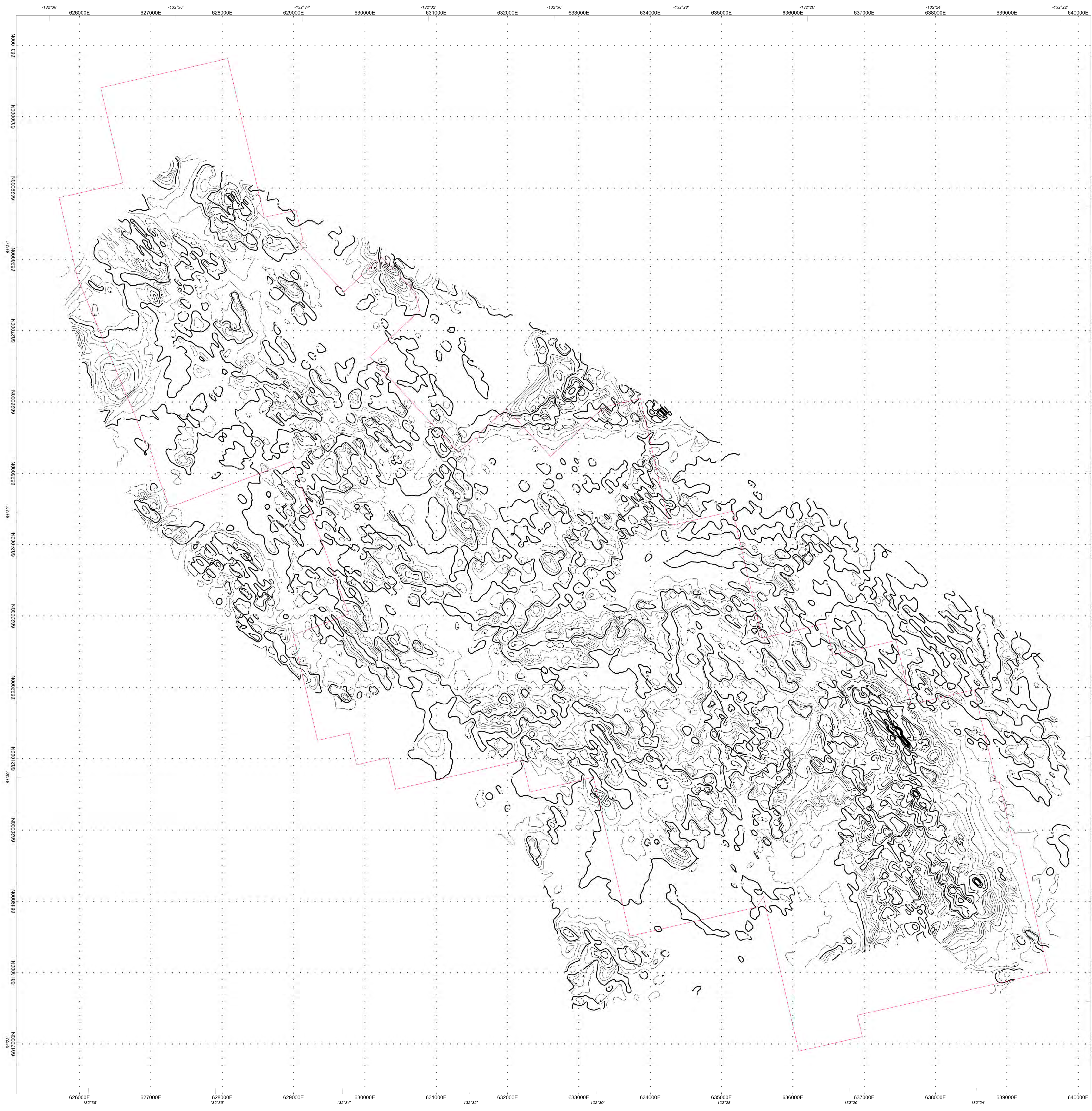
Line Spacing/Direction  
 Traverse Lines - 100m, NE-SW  
 Control Lines - 1,000m, NW-SE

Average Sample Interval - 2.8m/sample (10Hz)  
 Average Sensor Height from Ground - 41.4m  
 Magnetometer Type: CS-3  
 Magnetometer Sensitivity: 0.01 nT  
 Diurnal Corrected Method - Base Station  
 IGRF Correction - IGRF 2010 Model  
 Contour Interval: 20nT



Great Western Minerals Group  
 Helicopterborne Magnetic and Spectrometric Survey  
 Total Magnetic Intensity  
 True Blue Project, Watson Lake Mining District  
 Dates Flown: 11th July - 18th July 2010  
 Map 1  
 New-Sense Geophysics Ltd





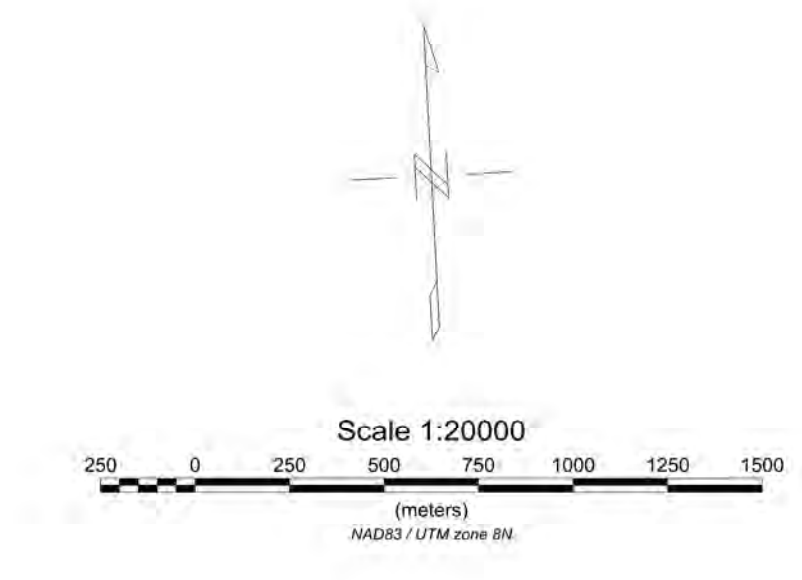
Property Outline Marked in Red

Magnetic Contouring in Black

Grid Info  
 Gridding Method - Bi-directional  
 Grid Cell Size - 15m  
 Spline Down Line - Akima  
 Spline Across Line - Akima

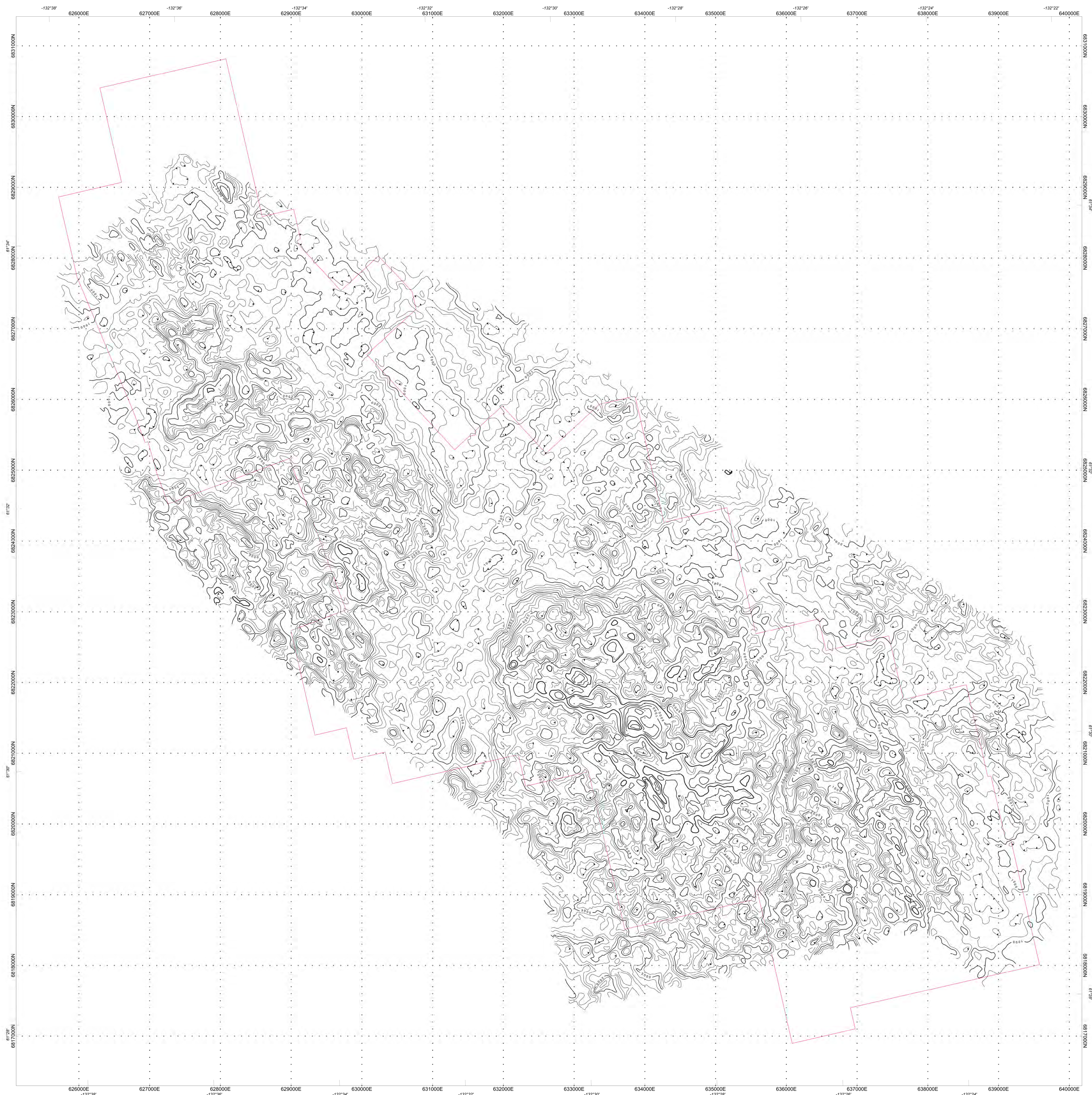
Line Spacing/Direction  
 Traverse Lines - 100m, NE-SW  
 Control Lines - 1,000m, NW-SE

Average Sample Interval - 2.8m/sample (10Hz)  
 Average Sensor Height from Ground - 41.4m  
 Magnetometer Type: CS-3  
 Magnetometer Sensitivity: 0.01 nT  
 Diurnal Corrected Method - Base Station  
 IGRF Correction - IGRF 2010 Model  
 Contour Interval: 1nT/metre



Great Western Minerals Group  
 Helicopterborne Magnetic and Spectrometric Survey  
 1st Order Vertical Derivative Map  
 True Blue Project, Watson Lake Mining District  
 Dates Flown: 11th July - 16th July 2010  
 Map 2  
 New-Sense Geophysics Ltd





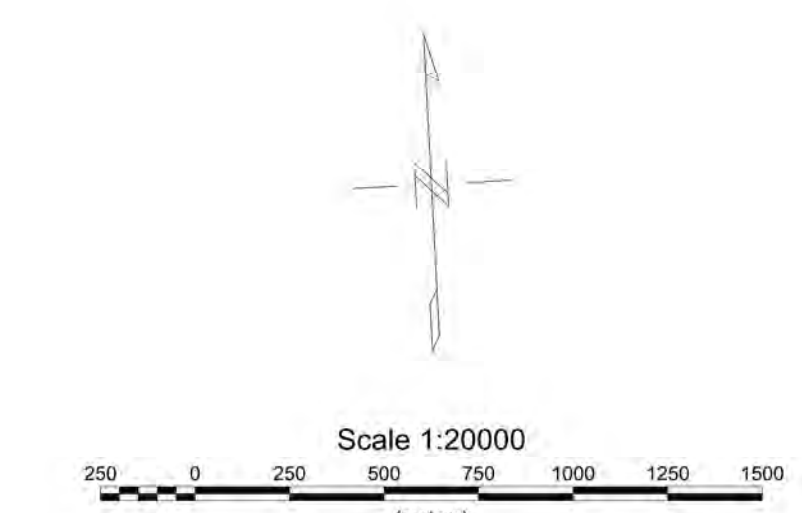
Property Outline Marked in Red

Radiometric Contouring in Black

Grid Info:  
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 Grid Cell Size - 15m  
 Spline Down Line - Akima  
 Spline Across Line - Akima

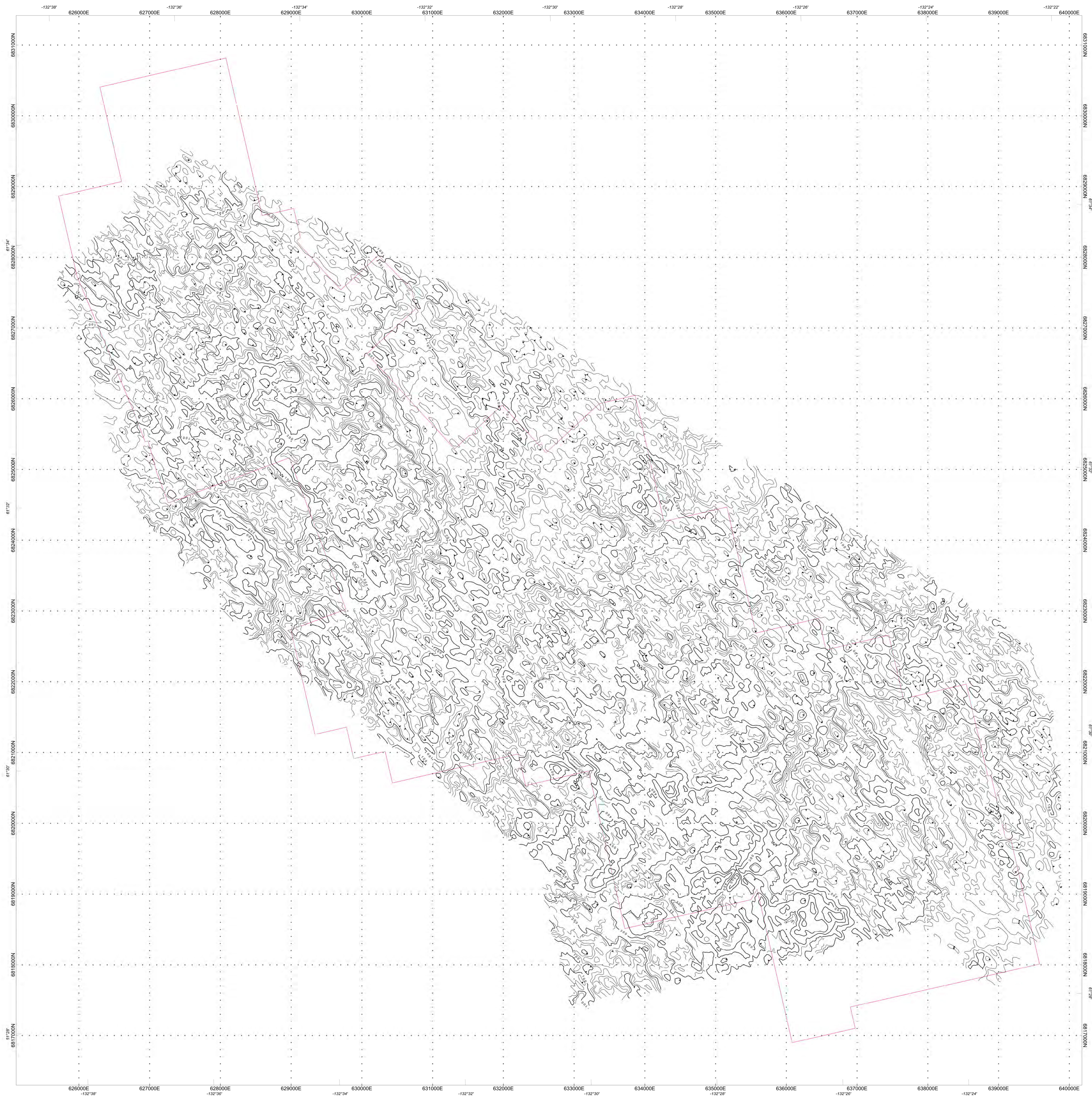
Line Spacing/Direction  
 Traverse Lines - 100m, NE-SW  
 Control Lines - 1,000m, NW-SE

Average Sample Interval - 28.5ms/sample (1Hz)  
 Average Sensor Height from Ground - 41.4m  
 Contour Interval: 200 counts per second



Great Western Minerals Group  
 Helicopterborne Magnetic and Spectrometric Survey  
 Total Radiometric Counts  
 True Blue Project, Watson Lake Mining District  
 Dates Flown: 11th July - 18th July 2010  
 Map 5  
 New-Sense Geophysics Ltd





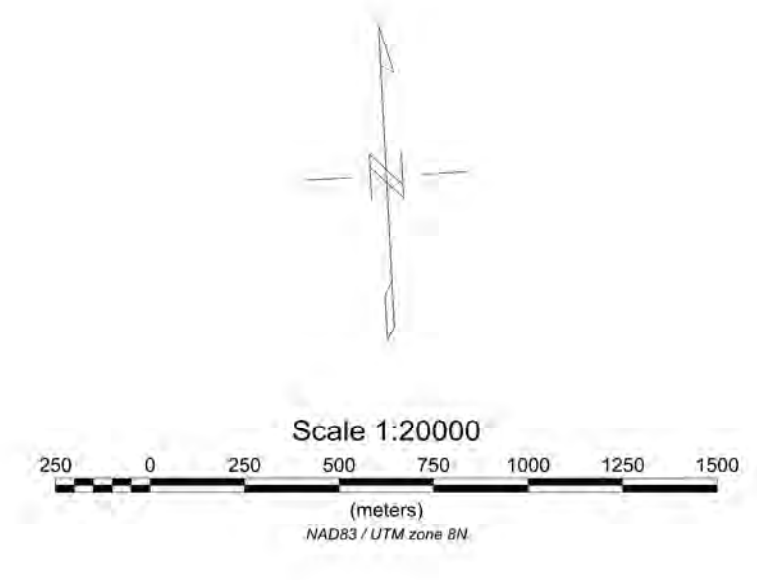
Property Outline Marked in Red

Potassium Radiometric Contouring in Black

Grid Info:  
 Gridding Method - Bi-directional  
 Grid Cell Size - 15m  
 Spline Down Line - Akima  
 Spline Across Line - Akima

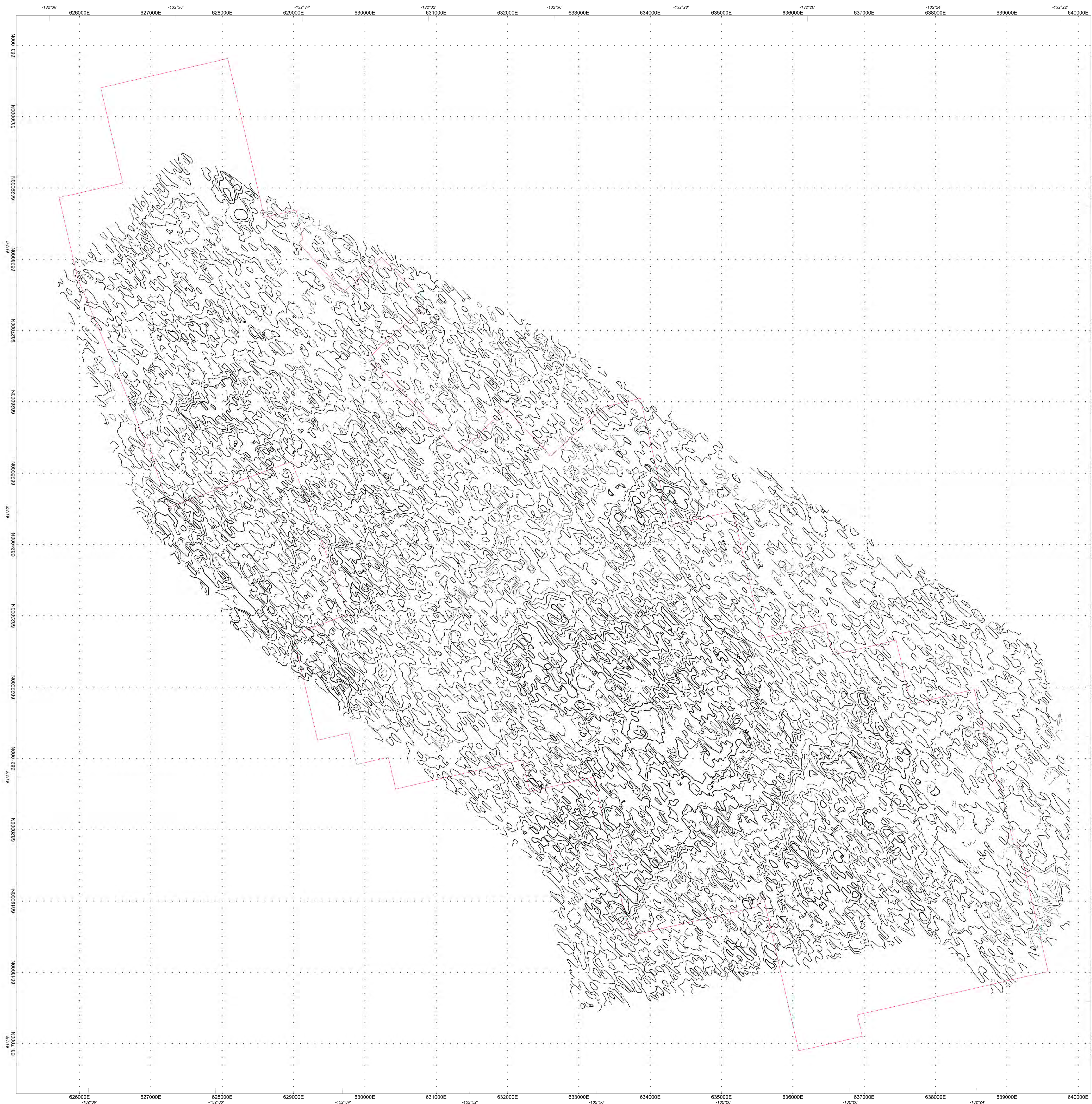
Line Spacing/Direction  
 Traverse Lines - 100m, NE-SW  
 Control Lines - 1,000m, NW-SE

Average Sample Interval - 28.5m/sample (1Hz)  
 Average Sensor Height from Ground - 41.4m  
 Contour Interval: 40 counts per second



Great Western Minerals Group  
 Helicopterborne Magnetic and Spectrometric Survey  
 Potassium Counts  
 True Blue Project, Watson Lake Mining District  
 Dates Flown: 11th July - 16th July 2010  
 Map 4  
 New-Sense Geophysics Ltd





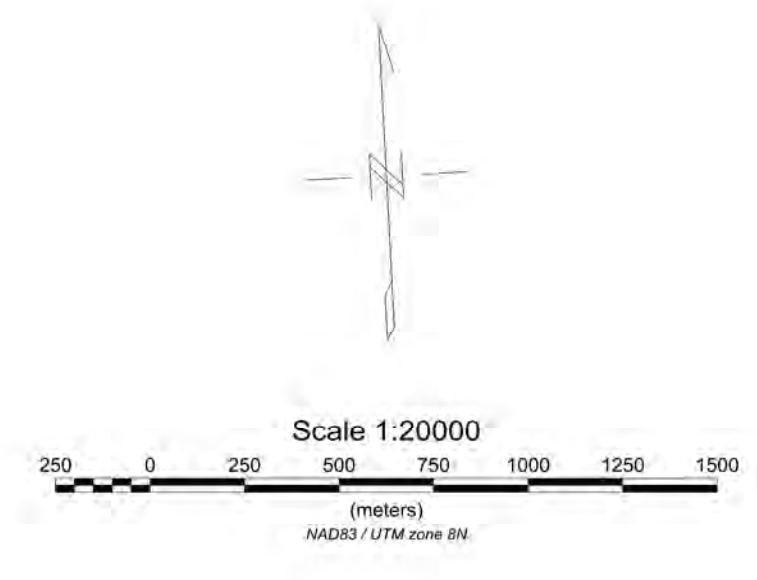
Property Outline Marked in Red

Uranium Radiometric Contouring in Black

Grid Info  
 Gridding Method - Bi-directional  
 Grid Cell Size - 15m  
 Spline Down Line - Akima  
 Spline Across Line - Akima

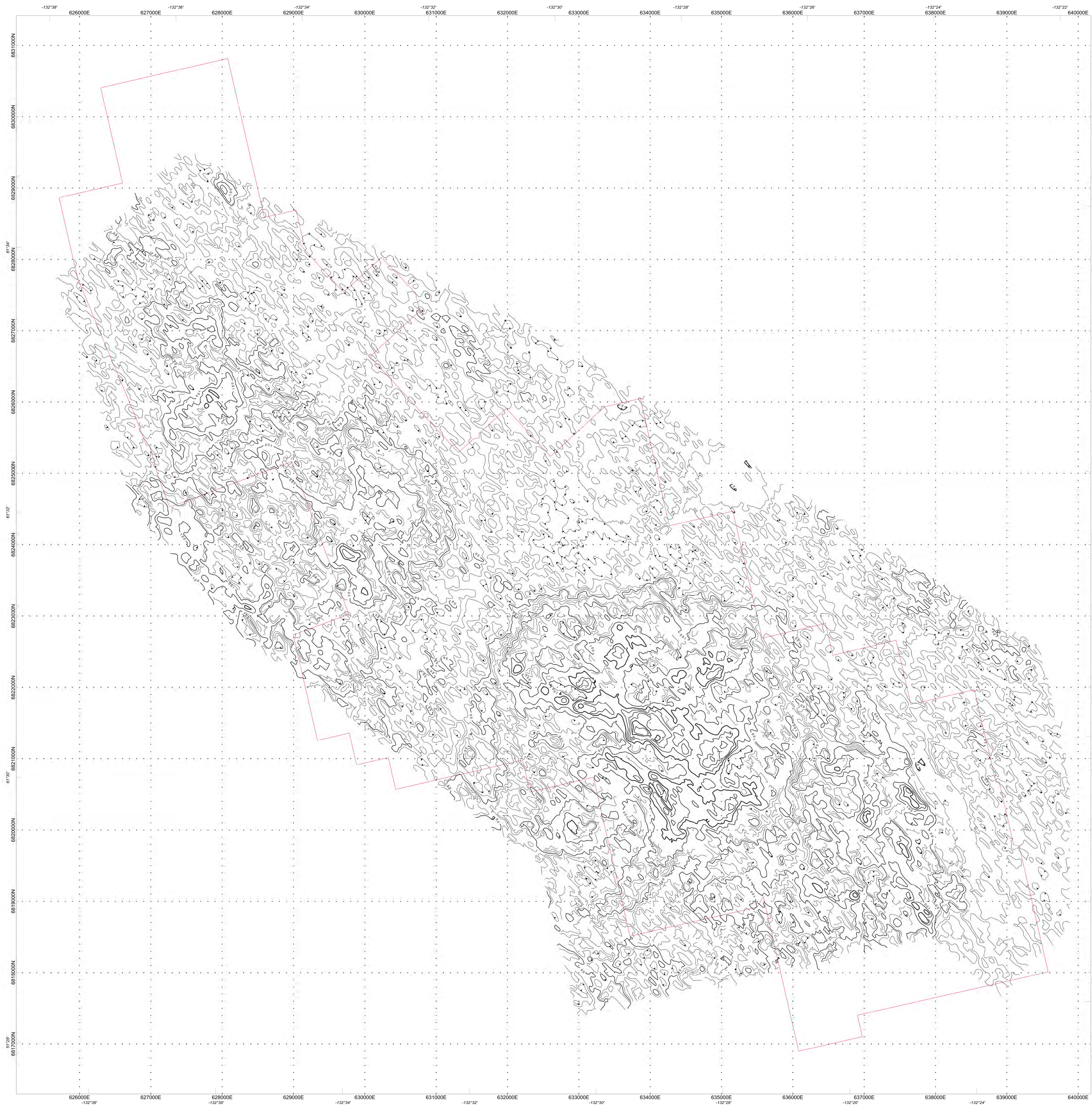
Line Spacing/Direction  
 Traverse Lines - 100m, NE-SW  
 Control Lines - 1,000m, NW-SE

Average Sample Interval - 28.5m/sample (1Hz)  
 Average Sensor Height from Ground - 41.4m  
 Contour Interval: 10 counts per second



Great Western Minerals Group  
 Helicopterborne Magnetic and Spectrometric Survey  
 Uranium Counts  
 True Blue Project, Watson Lake Mining District  
 Dates Flown: 11th July - 16th July 2010  
 Map 5  
 New-Sense Geophysics Ltd





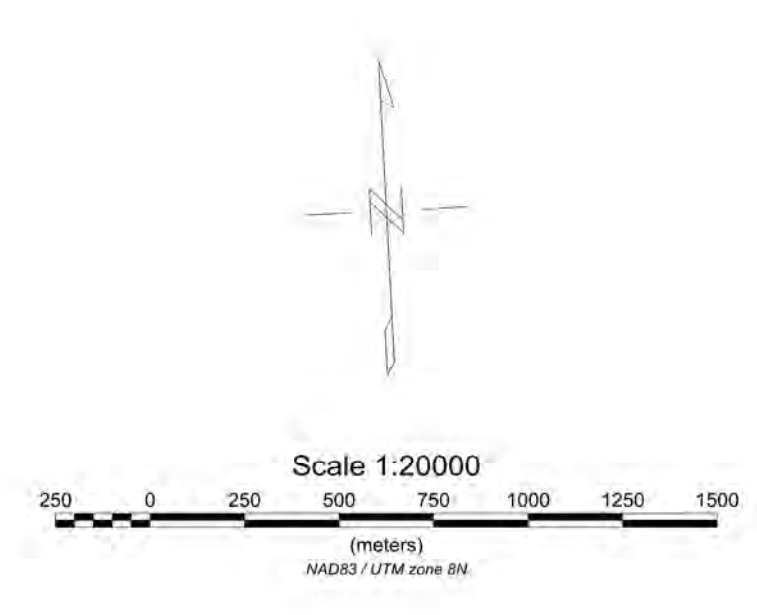
Property Outline Marked in Red

Thorium Radiometric Contouring in Black

Grid Info:  
 Cridding Method - Bi-directional  
 Grid Cell Size - 15m  
 Spline Down Line - Akima  
 Spline Across Line - Akima

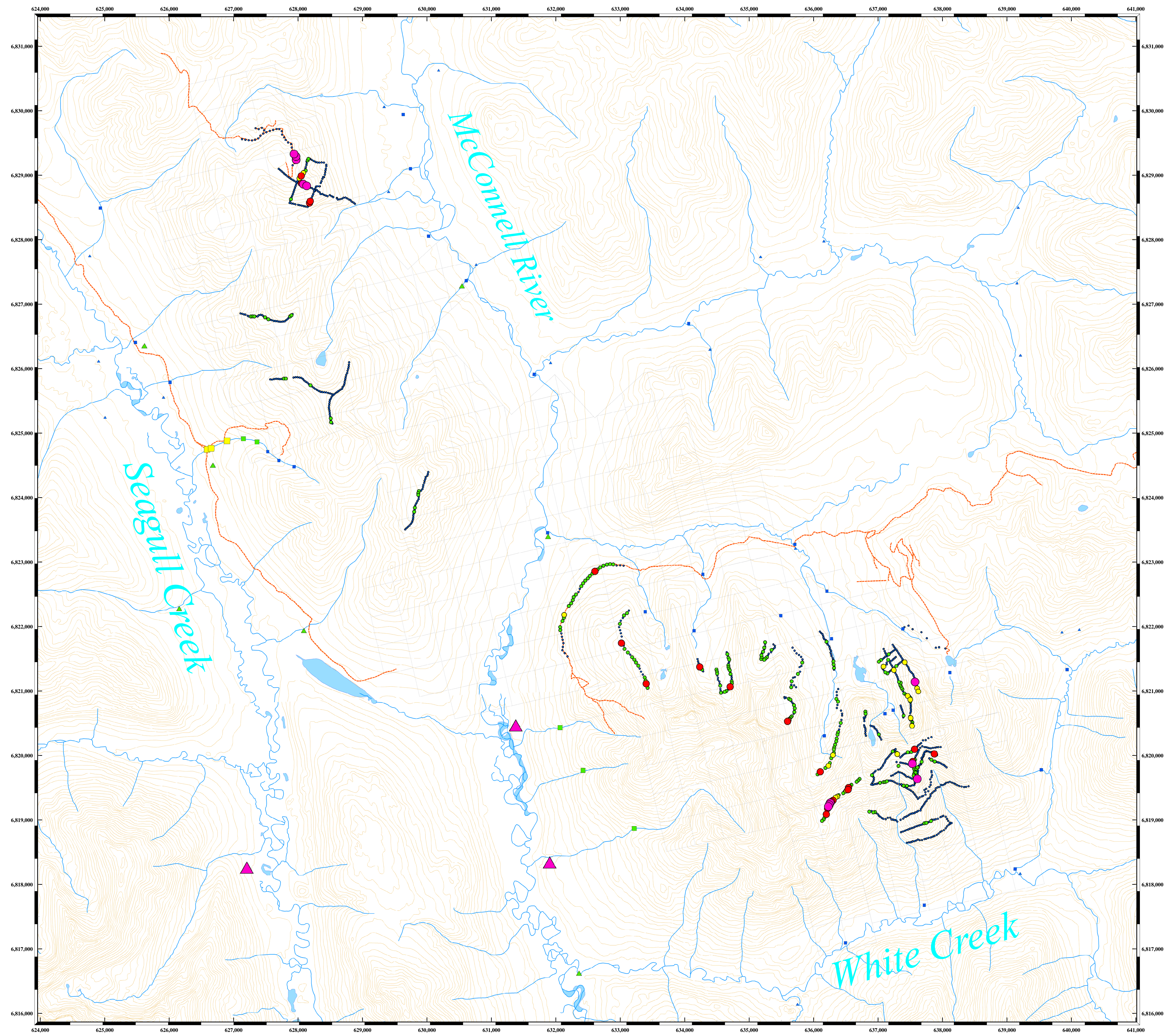
Line Spacing/Direction:  
 Traverse Lines - 100m, NE-SW  
 Control Lines - 1,000m, NW-SE

Average Sample Interval - 28.5m/sample (1Hz)  
 Average Sensor Height from Ground - 41.4m  
 Contour Interval: 10 counts per second

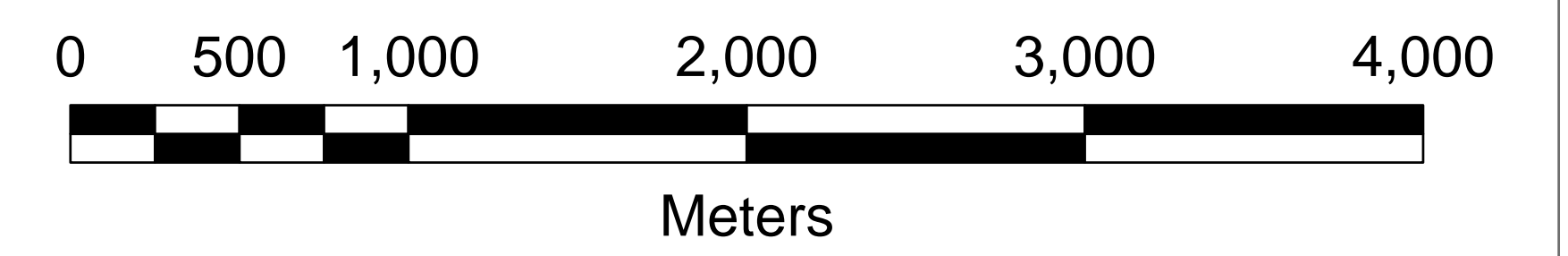
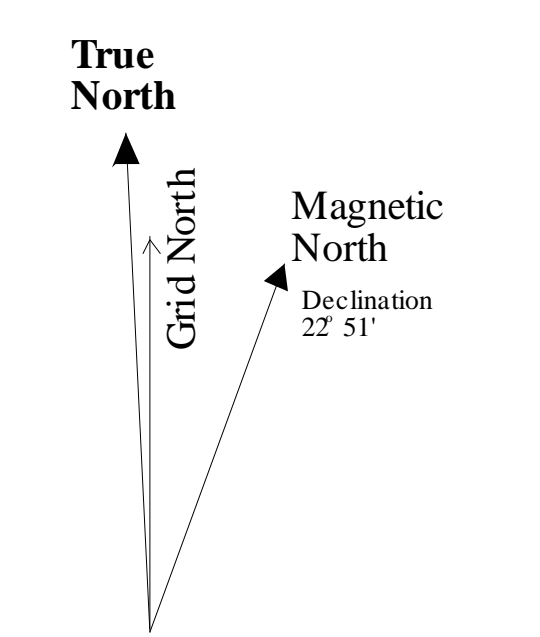


Great Western Minerals Group  
 Helicopterborne Magnetic and Spectrometric Survey  
 Thorium Counts  
 True Blue Project, Watson Lake Mining District  
 Dates Flown: 11th July - 16th July 2010  
 Map 6  
 New-Sense Geophysics Ltd





- Legend**
- Silt Samples collected by GWMG**
- ppm TREE + Y
- <75%tile
  - 75%tile 930 ppm
  - 95%tile 3,105 ppm
  - 97%tile 3,121 ppm
  - 99%tile 3,303ppm
- Soil samples collected by GWMG**
- ppm TREE + Y
- <75%tile
  - 75%tile 408 ppm
  - 95%tile 842 ppm
  - 97%tile 965 ppm
  - 99%tile 1,333 ppm
- Water Samples collected Federal Government**
- ppb F in water
- ▲ <75%tile
  - ▲ 75%tile 99.5 ppb
  - ▲ 95%tile 250 ppb
  - ▲ 97%tile 320 ppb
  - ▲ 99%tile 550 ppb

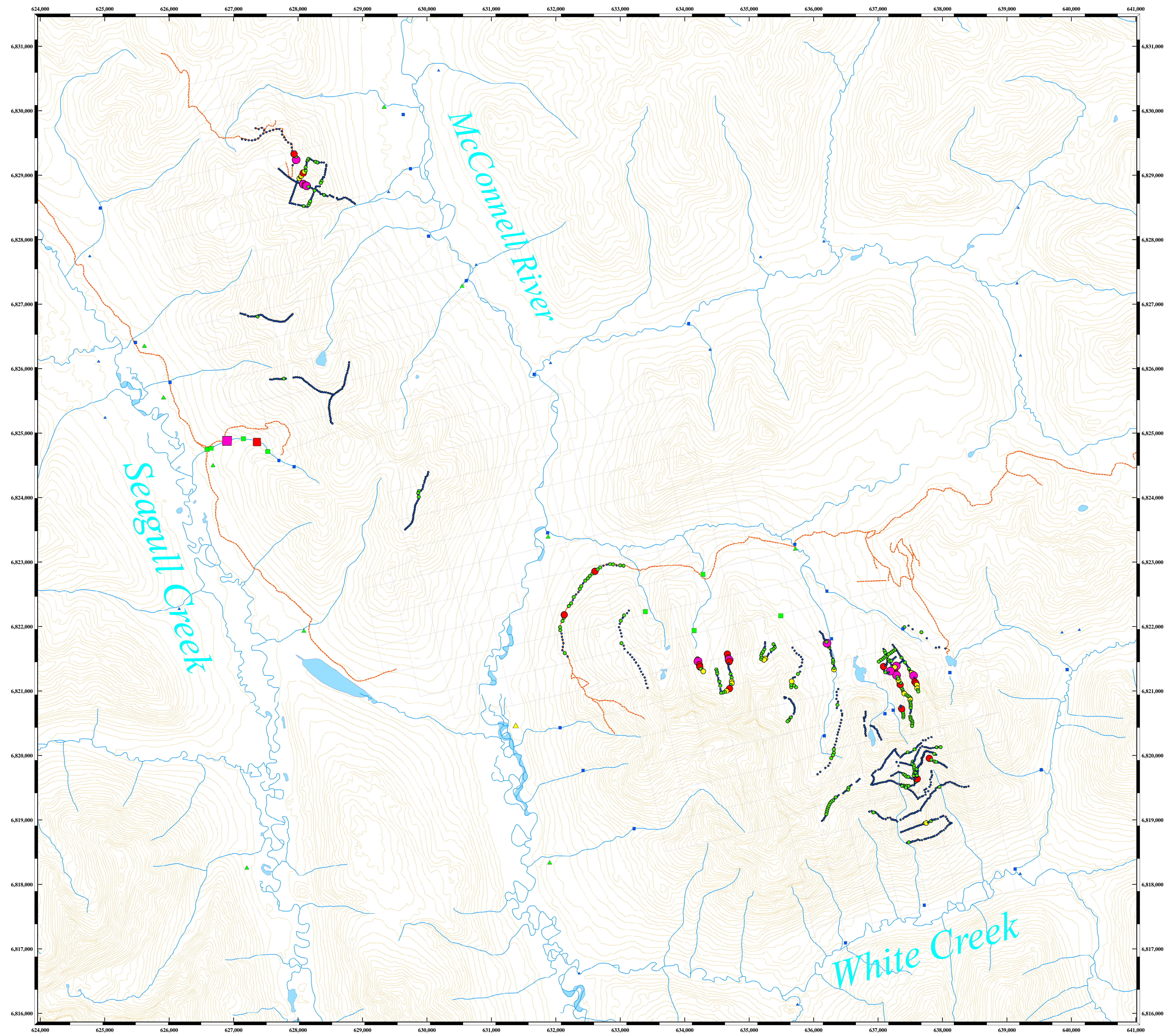


Great Western Minerals Group  
True Blue Project  
Map 7  
**REE Total Concentration**

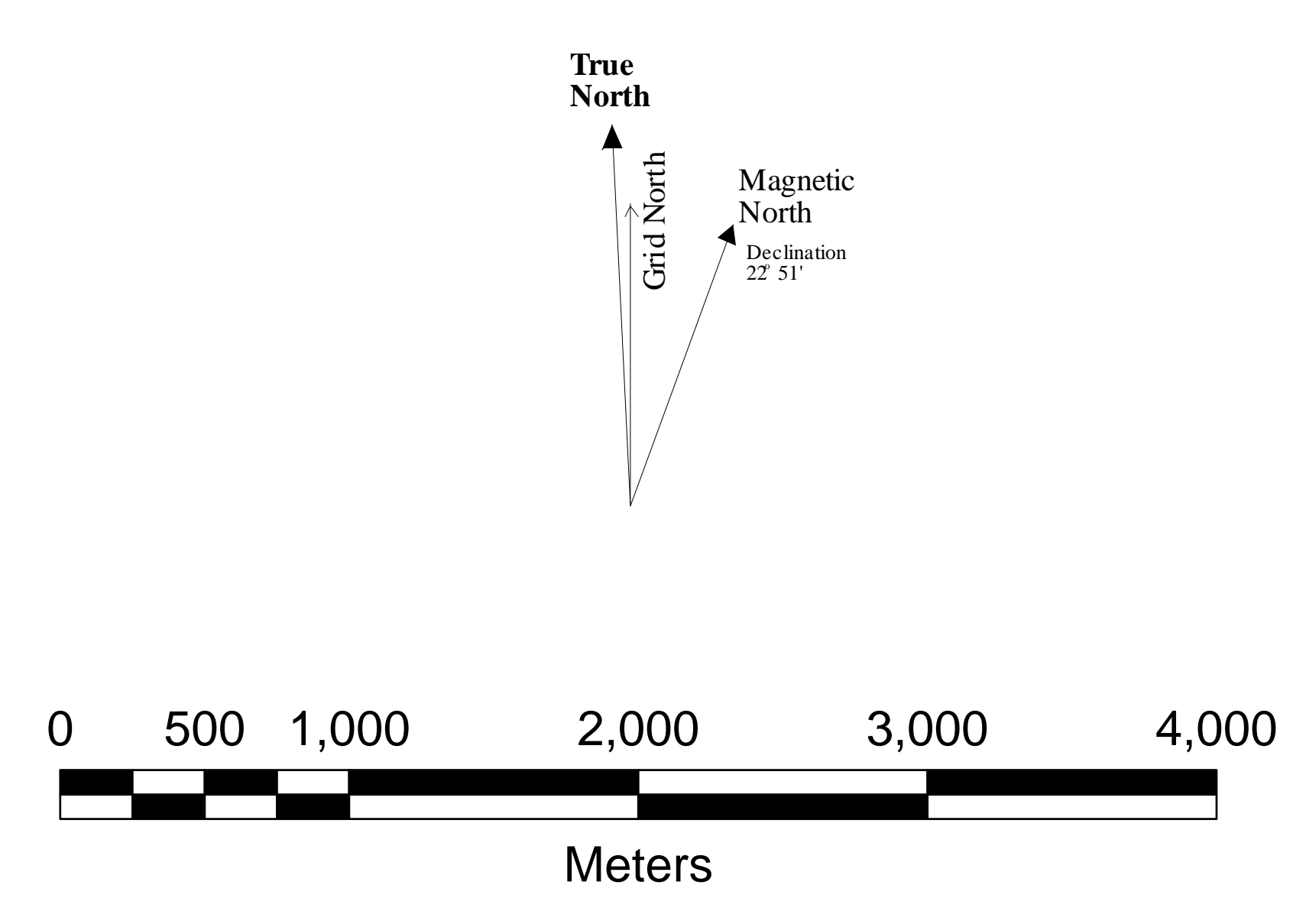
Datum NAD83 Zone 8  
NTS 105F/07,08,09,10

Stew Fumerton Consulting Ltd  
October 2010





- Legend**
- Soil Samples collected by GWMG**
- ppm Uranium
- < 75%tile
  - 75%tile 5.6 ppm
  - 95%tile 15.3 ppm
  - 97%tile 18.7 ppm
  - 99%tile 26.9 ppm
- Silt Samples collected by GWMG**
- ppm Uranium
- < 75%tile
  - 75%tile 10.1 ppm
  - 95%tile 23.1 ppm
  - 97%tile 25.7 ppm
  - 99%tile 29.8 ppm
- Silt Samples collected by Federal Government**
- ppm Uranium
- ▲ < 75%tile
  - ▲ 75%tile 4.9 ppm
  - ▲ 95%tile 13.6 ppm
  - ▲ 97%tile 19.4 ppm
  - ▲ 99%tile 37.1 ppm

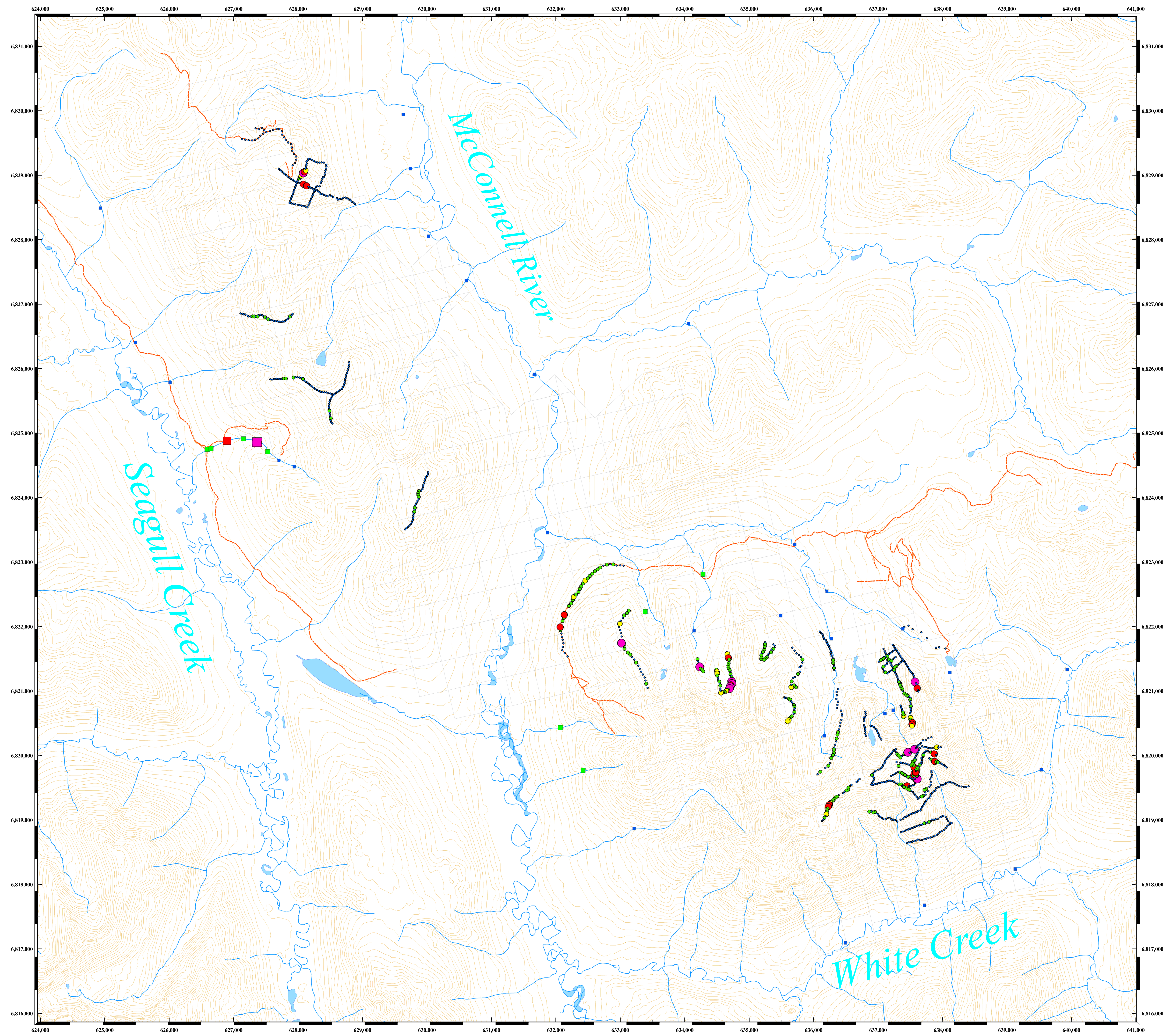


Great Western Minerals Group  
 True Blue Project  
 Map 8  
**Uranium Concentrations**

Datum NAD83 Zone 8  
 NTS 105F/07, 08, 09, 10

Stew Fumerton Consulting Ltd  
 October 2010





**Legend**

**Soil Samples collected by GWMG**

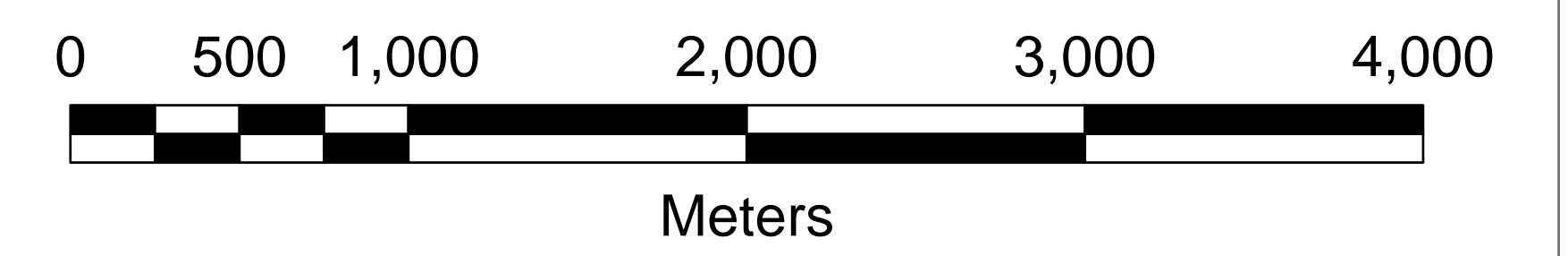
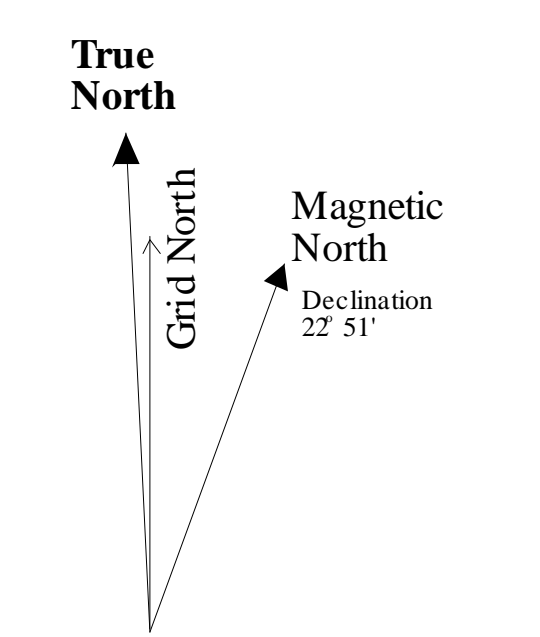
**ppm Thorium**

- < 75%tile
- 75%tile 25.7 ppm
- 95%tile 49.2 ppm
- 97%tile 58.3 ppm
- 99%tile 83.5 ppm

**Silt Samples Collected by GWMG**

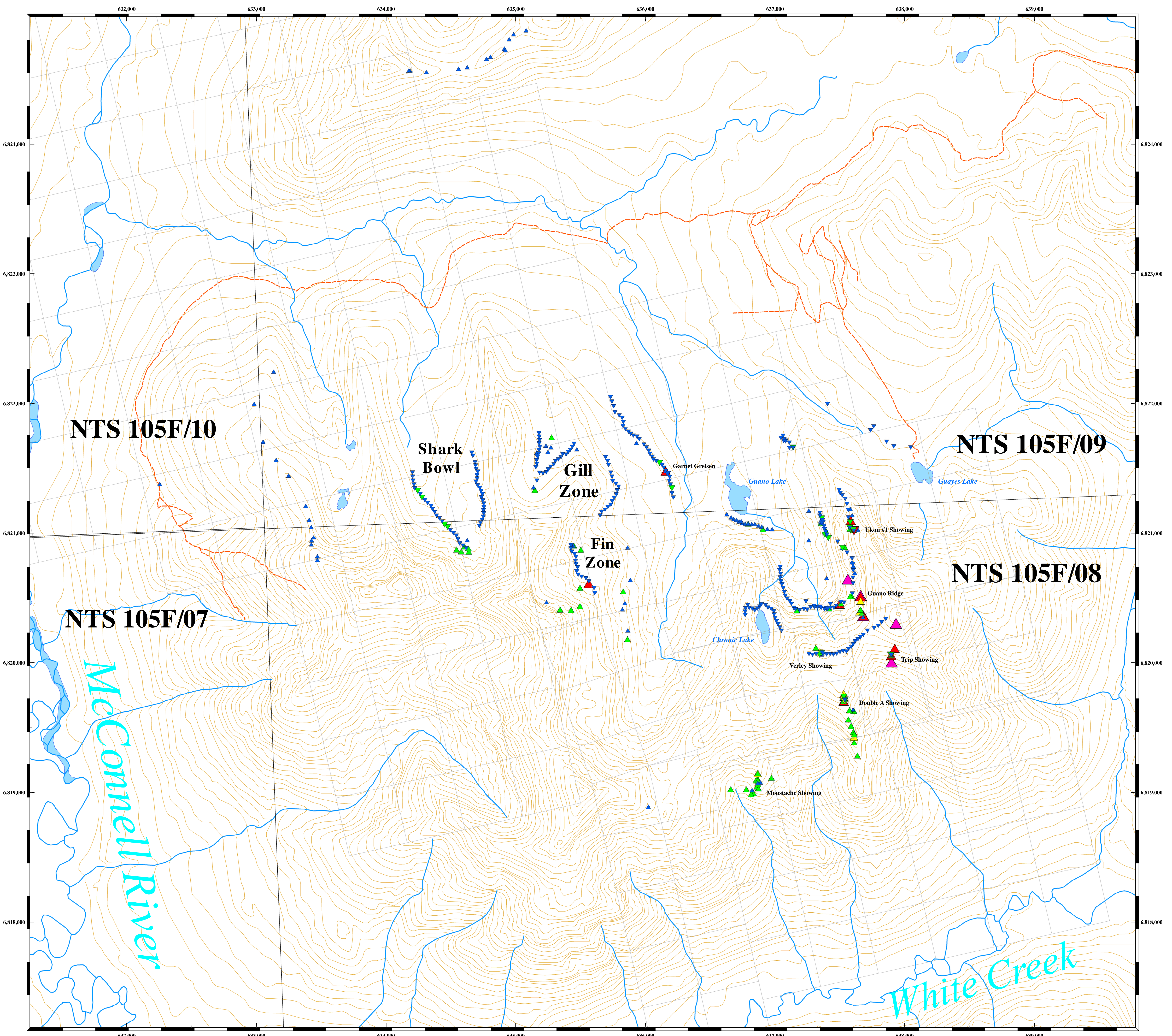
**ppm Thorium**

- < 75%tile
- 75%tile 38.4 ppm
- 95%tile 57.6 ppm
- 97%tile 58.3 ppm
- 99%tile 74.4 ppm



Great Western Minerals Group  
True Blue Project  
Map 9  
**Thorium Concentrations**  
Datum NAD83 Zone 8  
NTS 105F/07, 08, 09, 10  
Stew Fumerton Consulting Ltd  
October 2010





**Legend**

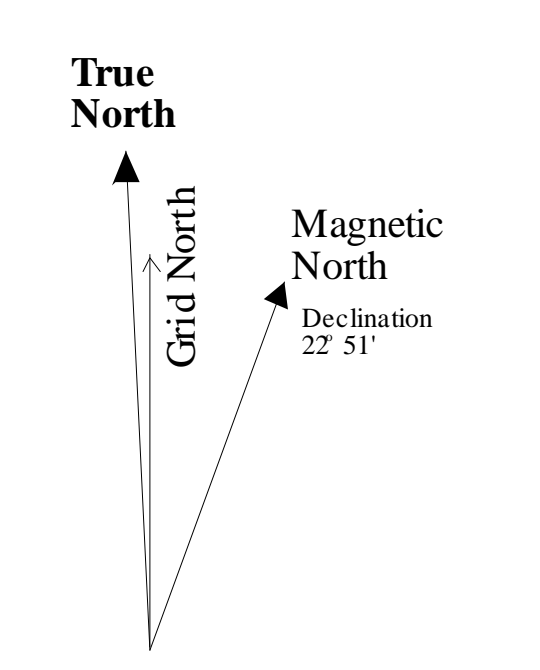
**Total REE + Y in chip samples**

- ppm REE**
- ▼ <75%tile
  - ▼ 75%tile 1,104ppm
  - ▼ 95%tile 7,080ppm
  - ▼ 97%tile 10,711ppm
  - ▼ 99%tile 14,685ppm

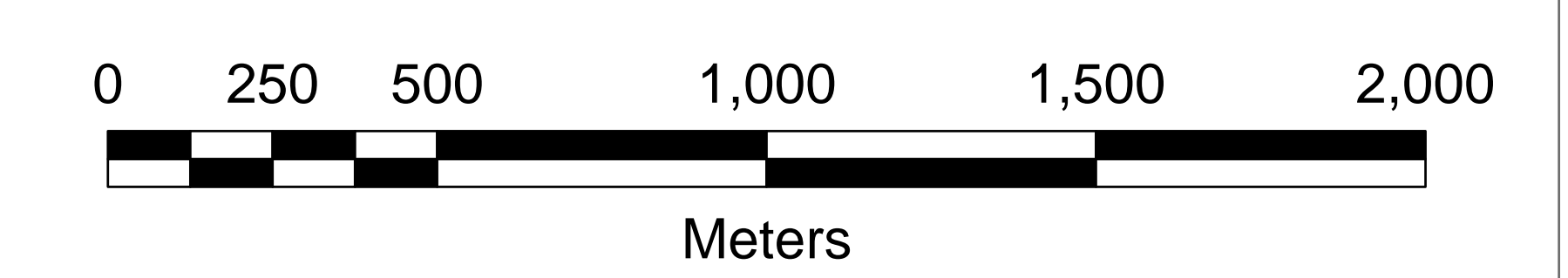
**Total REE + Y in grab samples**

- ppm REE**
- ▲ <75%tile
  - ▲ 75%tile 1,104ppm
  - ▲ 95%tile 7,080ppm
  - ▲ 97%tile 10,711ppm
  - ▲ 99%tile 14,685ppm

Statistics calculated on the combined databases



**Scale 1:10,000**

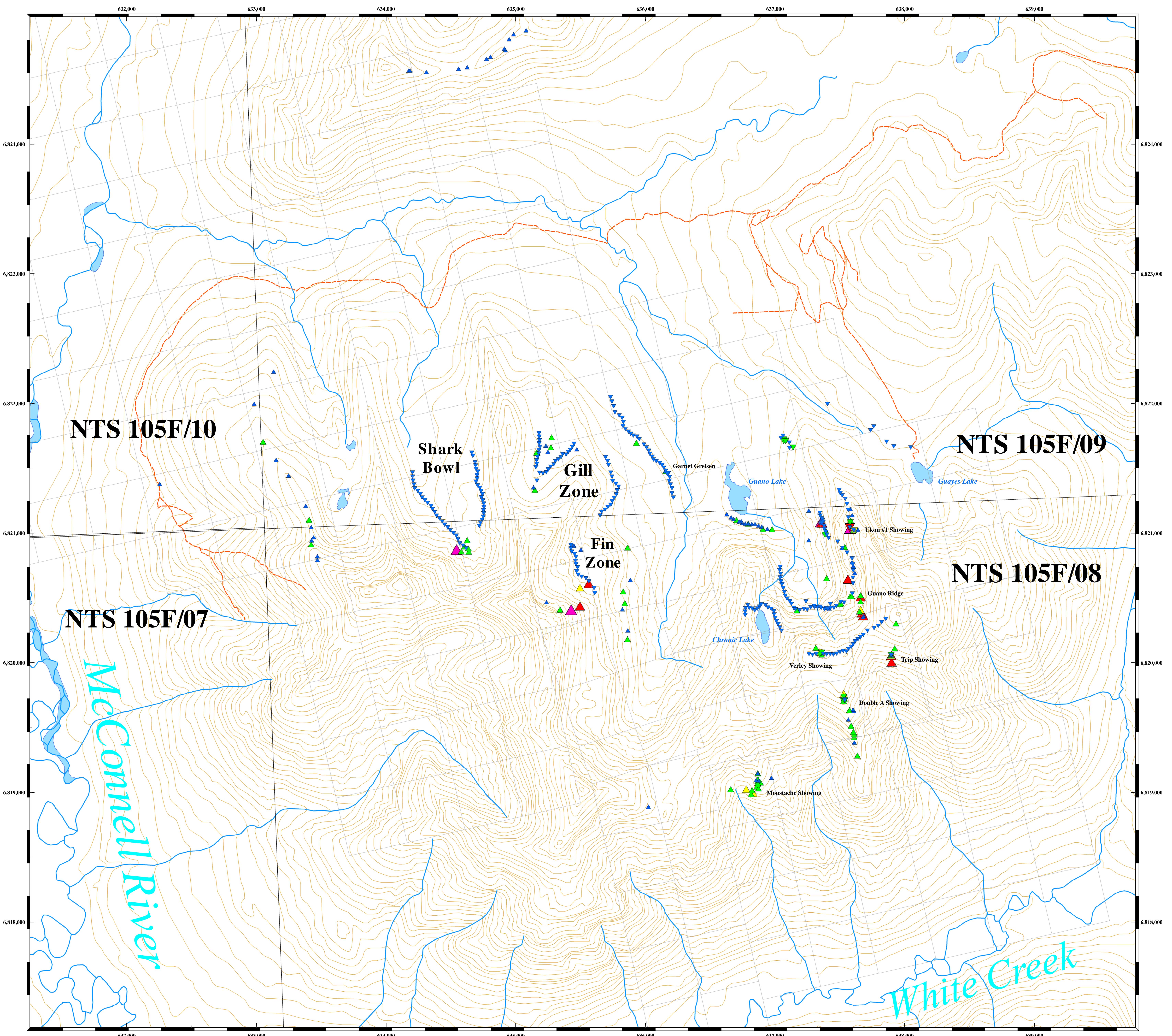


Great Western Minerals Group  
 True Blue Project  
 Map 10  
**Total REE + Y Concentrations  
 in rocks**

Datum NAD83 Zone 8  
 NTS 105F/07,08,09,10

Stew Fumerton Consulting Ltd  
 November 2010





**Legend**

**Zirconium in chip samples**

ppm Zr

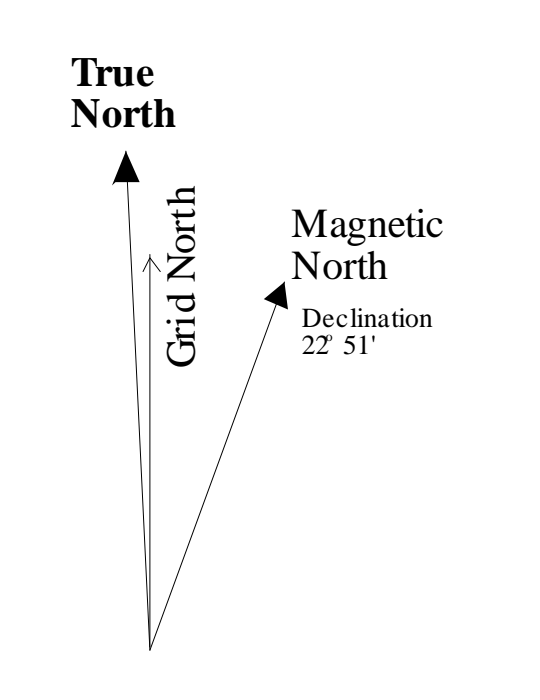
- ▼ <75%tile
- ▼ 75%tile 1,311ppm
- ▼ 95%tile 8,040ppm
- ▼ 97%tile 11,312ppm
- ▼ 99%tile 17,981ppm

**Zirconium in grab samples**

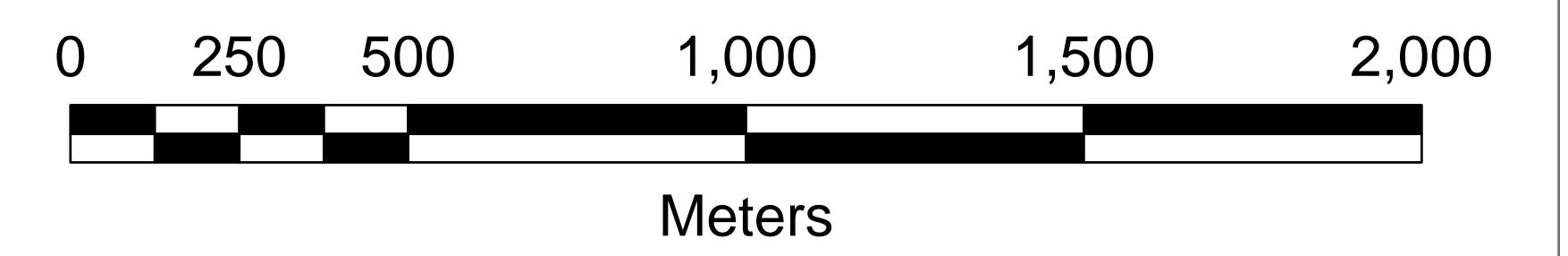
ppm Zr

- ▲ <75%tile
- ▲ 75%tile 1,311ppm
- ▲ 95%tile 8,040ppm
- ▲ 97%tile 11,312ppm
- ▲ 99%tile 17,981ppm

Statistics calculated on the combined databases



**Scale 1:10,000**



Great Western Minerals Group  
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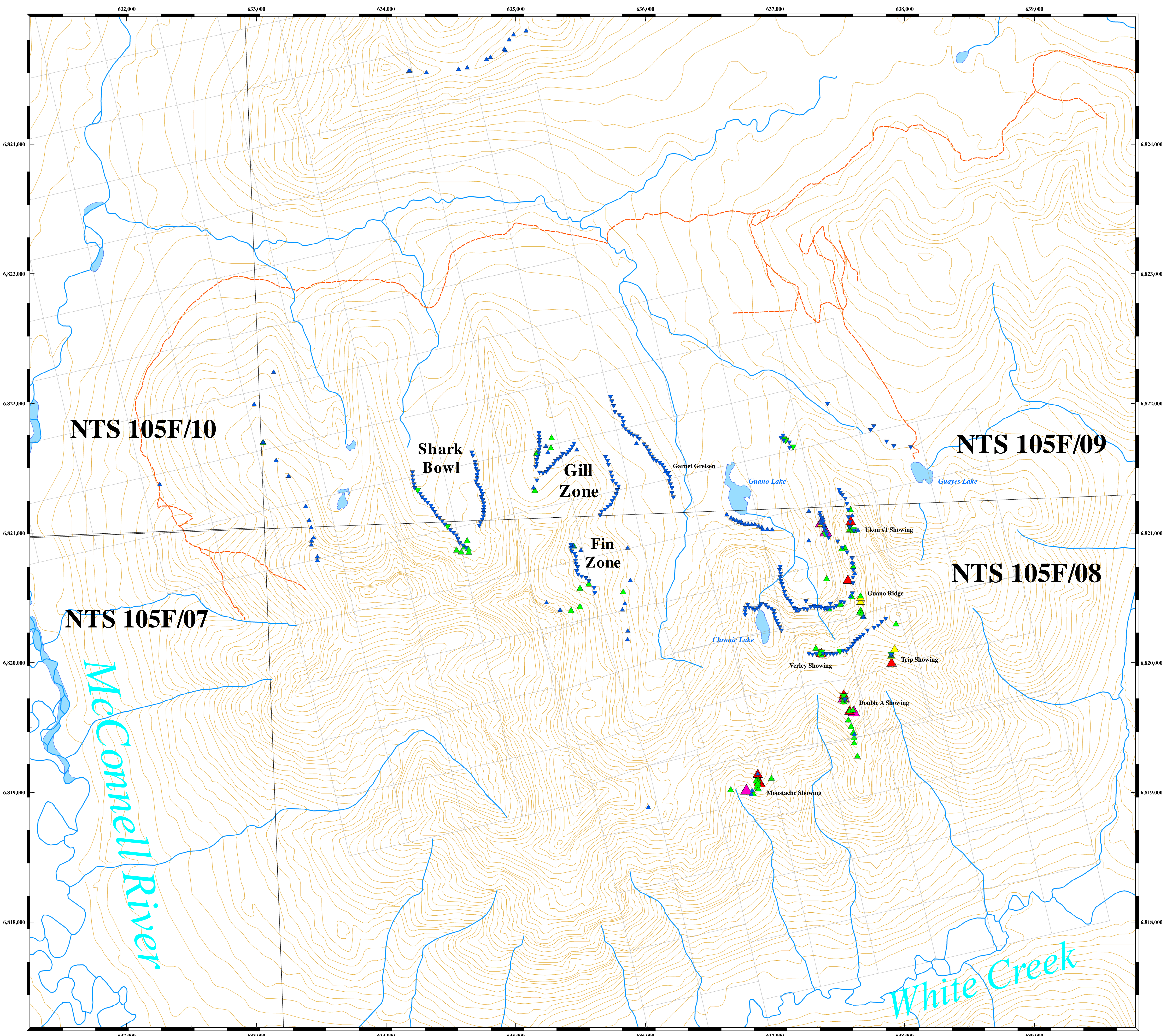
Map 11

**Zirconium Concentrations  
in rocks**

Datum NAD83 Zone 8  
NTS 105F/07,08,09,10

Stew Fumerton Consulting Ltd  
November 2010

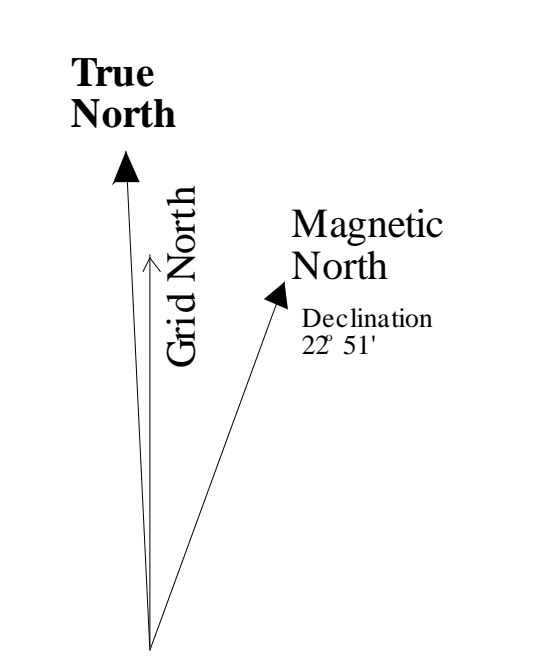




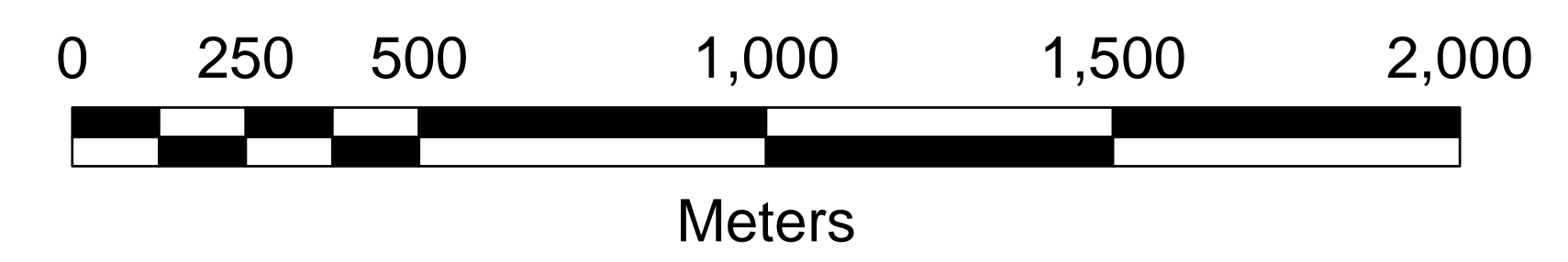
- Legend**
- Thorium in chip samples**
- ppm Th**
- ▼ <75%tile
  - ▼ 75%tile 99ppm
  - ▼ 95%tile 1,459ppm
  - ▼ 97%tile 2,058ppm
  - ▼ 99%tile 5,840ppm

- Thorium in grab samples**
- ppm Th**
- ▲ <75%tile
  - ▲ 75%tile 99ppm
  - ▲ 95%tile 1,459ppm
  - ▲ 97%tile 2,058ppm
  - ▲ 99%tile 5,840ppm

Statistics calculated on the combined databases

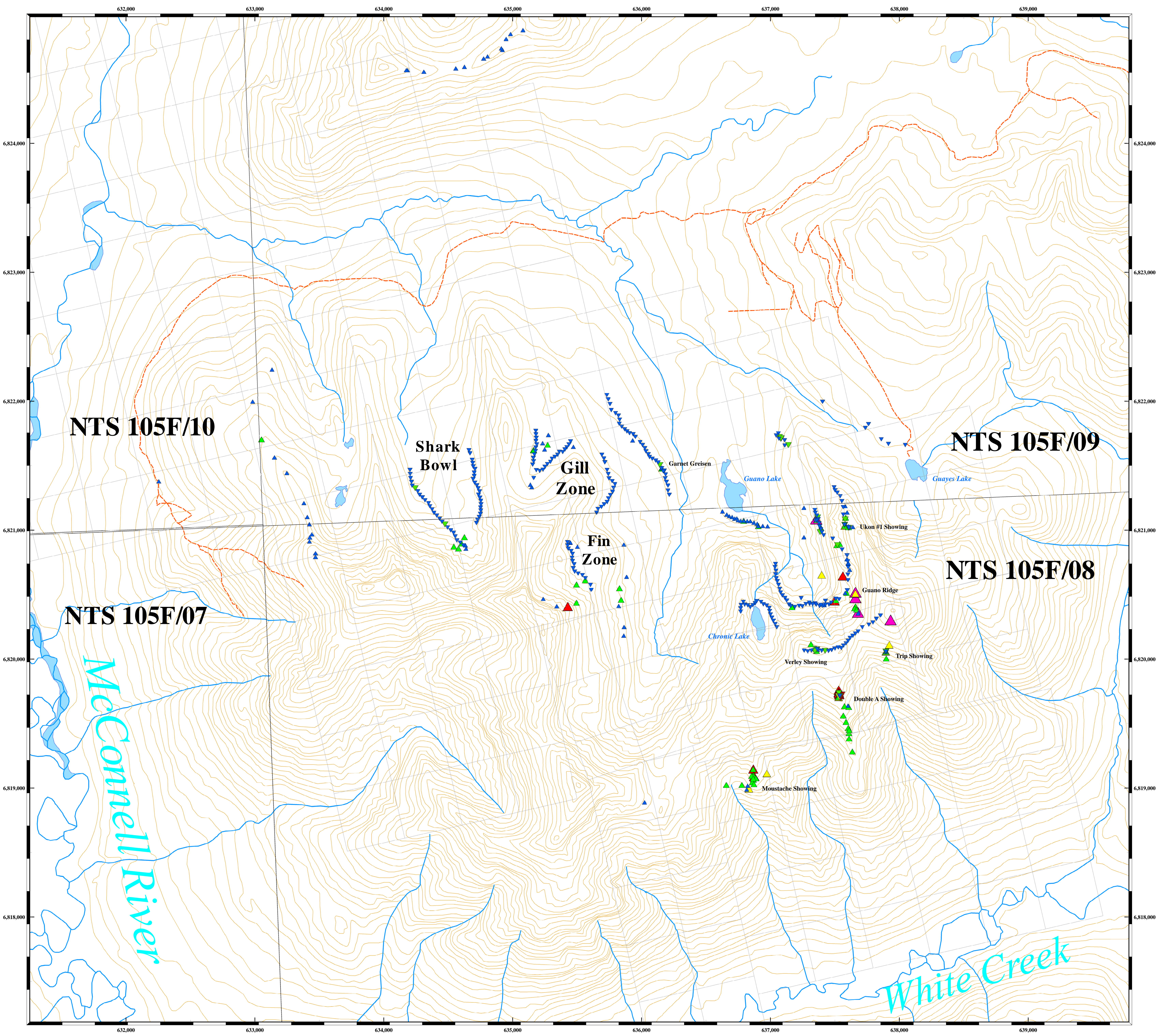


**Scale 1:10,000**



Great Western Minerals Group  
 True Blue Project  
 Map 12  
**Thorium Concentrations  
 in rocks**  
 Datum NAD83 Zone 8  
 NTS 105F/07, 08, 09, 10  
 Stew Fumerton Consulting Ltd  
 November 2010





**Legend**

**Niobium in chip samples**

**ppm Nb**

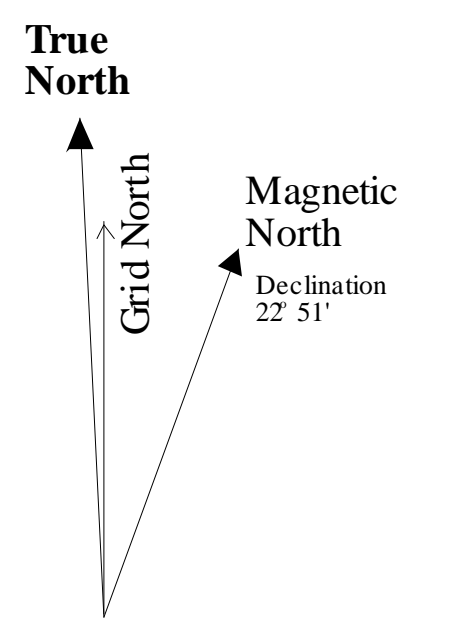
- ▼ <75%tile
- ▼ 75%tile 487ppm
- ▼ 95%tile 3,541ppm
- ▼ 97%tile 4,845ppm
- ▼ 99%tile 8,356ppm

**Niobium in grab samples**

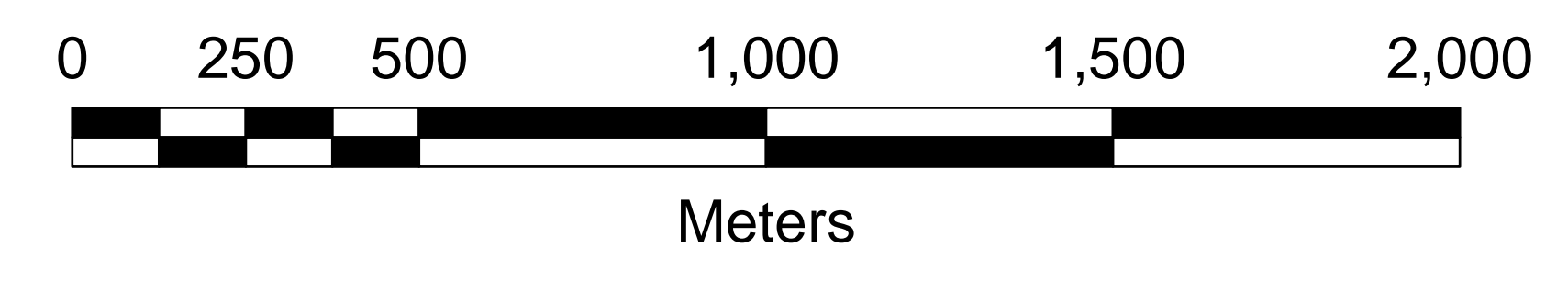
**ppm Nb**

- ▲ <75%tile
- ▲ 75%tile 487ppm
- ▲ 95%tile 3,541ppm
- ▲ 97%tile 4,845ppm
- ▲ 99%tile 8,356ppm

Statistics calculated on the combined databases



**Scale 1:10,000**

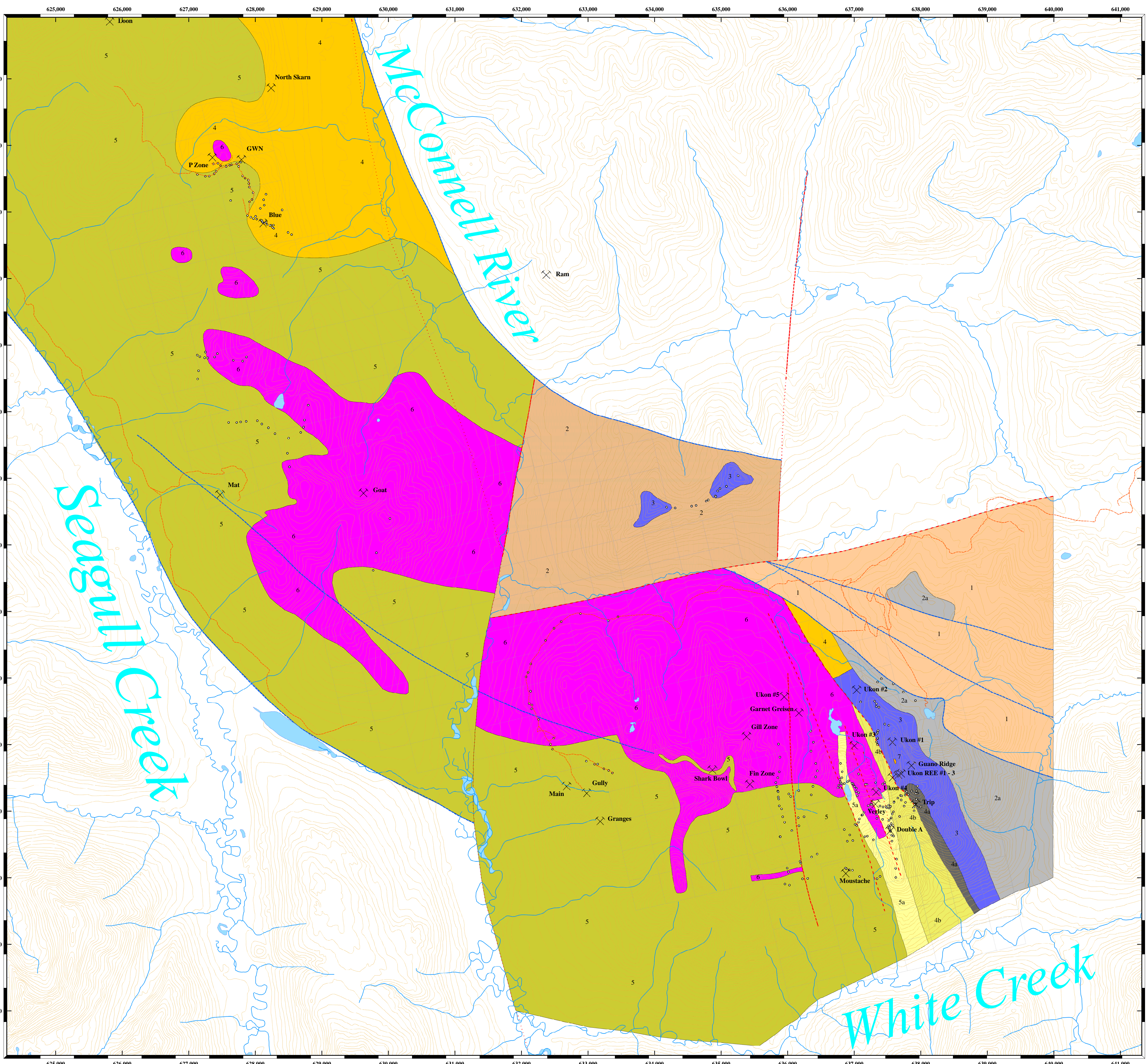


Great Western Minerals Group  
 True Blue Project  
 Map 13  
**Niobium Concentrations  
 in rocks**

Datum NAD83 Zone 8  
 NTS 105F/07,08,09,10

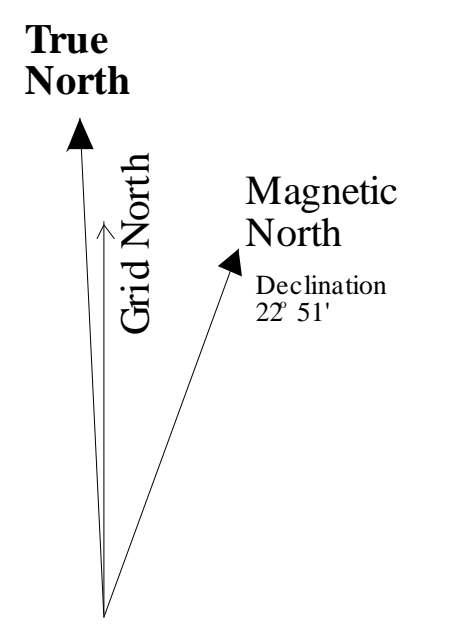
Stew Fumerton Consulting Ltd  
 November 2010



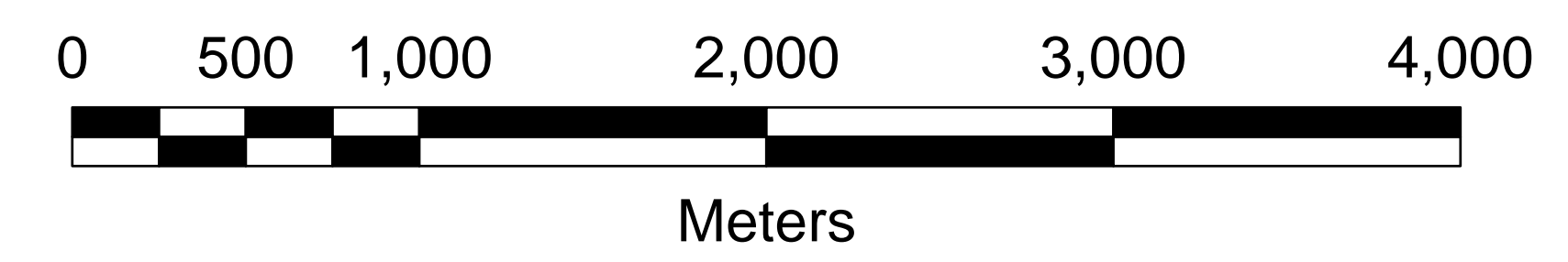


- Legend**  
**Bedrock Geology**
- UNIT**
- 7 Dolomite, metamorphic alteration
  - 6 Syenite
  - 5a Trachytic Metavolcanic
  - 5 Undifferentiated Metavolcanic
- Devonian - Mississippian**
- 4b Shale, Siltstone, Chert
  - 4a Graphitic Shale
  - 4 Shale, Graphitic Shale, Quartzite, Chert, Limestone
- Silurian - Devonian**
- 3 Limestone, Dolostone, minor Quartzite
- Ordovician - Silurian**
- 2a Shale
  - 2 Intercalated Shale and Limestone/Dolostone
- Cambrian - Ordovician**
- 1 Intercalated Shale and Limestone
- Normal Fault
- Thrust Fault
- Observation Point
- ⊗ Mineral Showing

This map incorporates information from the extensive mapping carried out by:  
 Archer (1977a, 1980)  
 Archer and Onasick (1977a)  
 Baird and Keats (1977)  
 Chronic (1979)  
 Hylands (1987)  
 McFaul and Keats (1977)  
 Verley (1988)  
 Wengzynowski (2003, 2005)

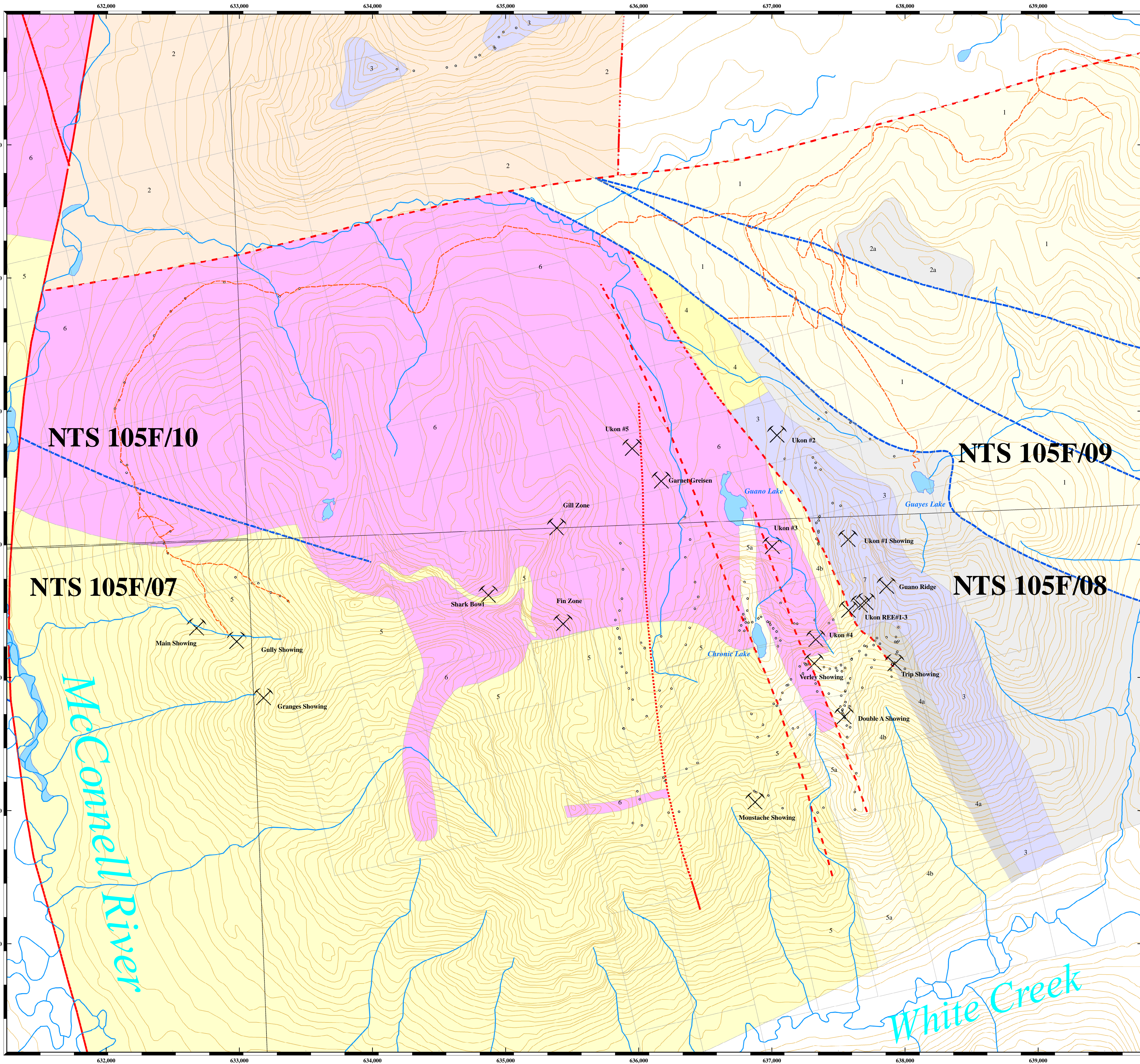


**Scale 1:20,000**



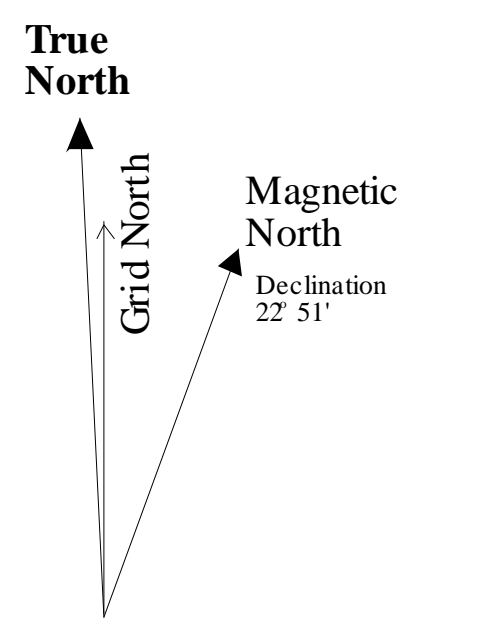
Great Western Minerals Group  
 True Blue Project  
 Map 14  
**Bedrock Geology**



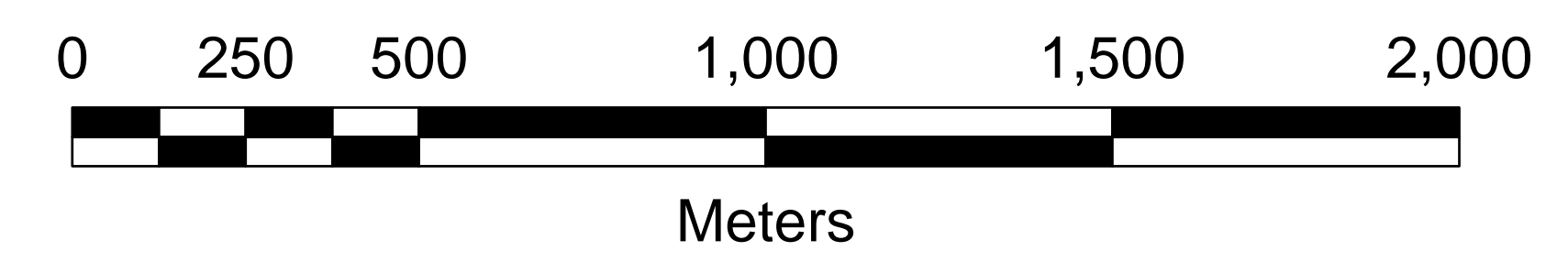


- Legend**  
**Bedrock Geology**
- UNIT**
- 7 Dolomite, metamorphic alteration
  - 6 Syenite
  - 5a Trachytic Metavolcanic
  - 5 Undifferentiated Metavolcanic
- Devonian - Mississippian**
- 4b Shale, Siltstone, Chert
  - 4a Graphitic Shale
  - 4 Shale, Graphitic Shale, Quartzite, Chert, Limestone
- Silurian - Devonian**
- 3 Limestone, Dolostone, minor Quartzite
- Ordovician - Silurian**
- 2a Shale
  - 2 Intercalated Shale and Limestone/Dolostone
- Cambrian - Ordovician**
- 1 Intercalated Shale and Limestone
- Normal Fault
- Thrust Fault
- Observation Point

This map incorporates information from the extensive mapping carried out by:  
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 McFaul and Keats (1977)  
 Verley (1988)  
 Wengzynowski (2003, 2005)



**Scale 1:10,000**



Great Western Minerals Group  
 True Blue Project  
 Map 15  
**Bedrock Geology  
 of Guano Ridge**