



ASSESSMENT REPORT ON THE 2013 DIAMOND DRILLING AND GEOCHEMICAL SAMPLING ON THE WOLF PROJECT

LOCATED IN THE WHITEHORSE MINING DISTRICT

WOLF 229-378 (YD91041-YD91418)	WOLF 1210-1225 (YF23710-YF23725)
WOLF 387-414 (YD91427-YD91454)	WOLF 1236-1247 (YF23736-YF23747)
WOLF 427-446 (YD91467-YD91486)	WOLF 1254-1273 (YF23754 – YF23773)
WOLF 451-460 (YD91491-YD91500)	WOLF 1282-1293 (YF23782 – YF23792)
WOLF 461-506 (YD72091-YD72136)	WOLF 1302-1313 (YF23802 – YF23813)
WOLF 509-580 (YD72139-YD72210)	WOLF 1320-1329 (YF23820 – YF23829)
WOLF 709-795 (YD21309-YD21395)	WOLF 1336-1345 (YF23836 – YF23845)
WOLF 1003-1062 (YD121603 -YD121662)	WOLF 1348-1357 (YF23848 – YF23857)
WOLF 1095-1099 (YF23595-YF23599)	WOLF 1358-1442 (YF23606 – YF23942)
WOLF 1120-1129 (YF23620-YF23629)	WOLF 1443-1444 (YF24179-YF24180)
WOLF 1144-1153 (YF23644-YF23653)	WOLF 1631-1678 (YF24131-YF24178)
WOLF 1168-1177 (YF23668-YF23677)	WOLF 1679-1786 (YF35389-YF35496)
WOLF 1190-1199 (YF23690-YF23699)	

NAD83 ZONE 7

UTM COORDINATES 554000E, 6878500N

NTS MAPSHEETS 115K/01, 115F/16, 115J/04, 115G/13, 115J/03, 115G/14

OWNER

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REPORT BY

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June 20, 2014

Work Period: July 9 – August 22, 2013

Table of Contents

1.0	SUMMARY	1-2
2.0	LOCATION AND ACCESS	3
3.0	CLAIM STATUS.....	3
4.0	PROPERTY HISTORY.....	9
5.0	GEOLOGICAL SETTING	9-15
5.1	Regional Geologic Setting	9-10
5.2	Property Geology	10-15
5.2.1	Mineralization	13-14
5.2.2	Alteration	14-15
6.0	DEPOSIT TYPES	15
7.0	OVERVIEW OF 2013 EXPLORATION PROGRAM	16
8.0	SOIL GEOCHEMICAL SAMPLING	16-17
8.1	Soil Sampling Procedures.....	16
8.2	Soil Analysis Procedures.....	16-17
8.3	Soil Sampling Results.....	17
9.0	DIAMOND DRILLING.....	17-32
9.1	Diamond Drilling Procedures	23
9.2	Core Logging Procedures	23
9.3	Drill Core Sample Transportation and Security.....	23
9.4	Drill Core Preparation and Analysis	24
9.5	Quality Control and Data Verification.....	24-25
9.6	Geological Summaries of Drill Hole Logging	25-31
9.7	Summary of Assay Results	31-32
10.0	INTERPRETATION AND CONCLUSIONS.....	33-34
11.0	RECOMMENDATIONS.....	35
12.0	REFERENCES	36

LIST OF FIGURES

Figure 1: Property Location Map	4
Figure 2: Claim Group Location Map	5
Figure 3: Wolf 2 Claim Map	6
Figure 4: Wolf 4 Claim Map	8
Figure 5: Regional Geology Map	11
Figure 6: Property Geology Map: Wolf 4	(in pocket)
Figure 7: Property Geology Map: Wolf 1 & 2	(in pocket)
Figure 8: Soil Sample Location Map	18
Figure 9(a): Soil sample Geochemistry Maps (Au)	19
Figure 9(b): Soil sample Geochemistry Maps (Cu)	20
Figure 10: Hailstorm Zone Diamond Drill Hole Locations	21
Figure 11: Beach Zone Diamond Drill Hole Locations	22
Figure 12: Matrix supported, monomict breccia. Breccia matrix is intensely altered to biotite-quartz-tourmaline assemblage and subangular clasts of diorite selectively altered to clay.	26
Figure 13: Green diorite with pervasive chlorite alteration cut by pale brown bio-ser selvage, overprinted by qtz-tou-(mol-cpy) veinlets with white qtz-ksp (?) selvage.	26
Figure 14: Plagioclase-phyrlic porphyry with pervasive chlorite alteration and disseminated pyrite-(chalcopyrite-molybdenite). The porphyry is cut by an aplite vein with disseminated chalcopyrite and molybdenite.	28

LIST OF TABLES

<i>Table 1: Wolf 2 Claim Summary</i>	7
<i>Table 2: Wolf 4 Claim Summary</i>	7
<i>Table 3: Drill Collar Locations and Orientations</i>	17
<i>Table 4: Significant intercepts of Au, Cu and Mo Mineralization from Drill Holes Completed in 2013</i>	322

APPENDICES

Appendix I	Statement of Qualifications
Appendix II	Statement of Expenditures
Appendix III	Downhole Survey Measurements
Appendix IV	2013 Drill Logs
Appendix V	Strip Logs
Appendix VI	Soil Geochemical Analytical Certificates
Appendix VII	Drill Core Geochemical Analytical Certificates

1.0 SUMMARY

This report discusses geochemical sampling and diamond drilling carried out on the Wolf Property by Teck Resources Limited (Teck) during the 2013 exploration program. The program focused on exploration for gold mineralization associated with the Nisling Range Batholith following up on results from Teck's 2011 and 2012 exploration programs. The program was carried out with the aim of characterizing zones of mineralization and identifying additional prospective targets within these areas for further testing by diamond drilling.

Previous exploration work done by Teck in 2011 and 2012 outlined four areas with anomalous gold which are referred to as the Big Bend (Wolf 1 claim group), Peak (Wolf 1 claim group), Hailstorm (Wolf 2 claim group), and Beach (Wolf 4 claim group) zones. Geophysical surveys and sampling completed in 2012 indicated that the Hailstorm and Beach zones be prioritized for future exploration. Work in 2013 concentrated on defining the mineralization at both Hailstorm and Beach through diamond drilling between early July and late August with further geochemical soil sampling on Wolf 4. A total of 119 soil samples 857 core samples were collected for assay on the Wolf claims in 2013.

Beach Zone

The Beach zone is interpreted to be a complex magmatic-hydrothermal system that is related to the emplacement of porphyry dykes and hydrothermal breccia within a diorite unit. Diamond drilling in 2013 has identified two different diorite phases that have been termed 'green diorite' and 'salt and pepper' diorite, as well as porphyritic dykes. Both phases of the diorite are interpreted to belong to the Nisling Range batholith, but no age dating has been completed to date to support this. Relative age relationships observed in core indicate that the 'salt and pepper' diorite is younger than the 'green' diorite. Anomalous copper, molybdenum and gold values appear to favour the porphyries and green diorite, which have undergone moderate silicification and pervasive chlorite alteration in association with quartz-chlorite-(pyrite-chalcopryrite) veins and disseminated pyrite-chalcopryrite-molybdenite. Spatially, mineralization is coincident with the southern contact between the diorite and a resistant, silicified breccia body. Along this contact, drill holes WLF-13-001 and WLF-13-003 returned significant gold intercepts of 100.2m @ 0.25 g/t Au (including 6.1m @ 0.8g/t) and 44m @ 0.68g/t Au, respectively. In all of the drill holes, anomalous gold values show a strong positive correlation to copper and molybdenum with locally abundant chalcopryrite and molybdenite observed in core. Mineralization hosted by plagioclase porphyry dykes intersected in both WLF-13-001 and WLF-13-003 resulted in samples with up to 1.1g/t Au and 1.9g/t Au respectively. Further investigation along the prospective corridor associated with both the breccia/diorite contact and the occurrence of porphyry dykes is warranted.

Both diorite phases are cut by three dominant vein types associated with mineralization: (1) quartz $\pm$ chlorite veinlets to stockwork, (2) planar aplite veins, and (3) late, quartz-tourmaline veins with quartz-sericite-pyrite $\pm$ biotite alteration selvages and earlier, quartz-potassium feldspar selvages. Quartz $\pm$ chlorite-sulphide veinlets and aplites hosting disseminated pyrite-chalcopryrite-molybdenite cross-cut

the porphyry and diorite units as well as mutually cross-cut one another. This suggests that aplite veins may be related to the main gold mineralization phase.

Drill hole WLF-13-002 was drilled into a chargeable body to the north of WLF-13-001 and WLF-13-003 however, only intersected pyrite. This anomaly could theoretically represent a pyrite shell around a gold-copper-molybdenite mineralized center.

A drill hole targeting a chargeability anomaly in the southeastern area of the 2012 survey grid intersected Yukon Tanana schist and gneiss with up to 8% pyrite concentrated within mafic biotite-rich laminations parallel to foliation and up to 5% pyrite as stringers. The depth to pyrite mineralization is coincident with the chargeability anomaly from the IP survey. No anomalous gold values were returned from the drill core sampled. Consequently, this chargeability anomaly is low priority for further investigation.

Hailstorm Zone

Diamond drilling in 2013 confirmed only weak to moderate sheeted quartz (pyrite-chalcopyrite-molybdenite) and quartz-chlorite (pyrite-chalcopyrite) veining. No significant change was noted in the granodiorite between the resistive and non-resistive contact steeply dipping to the south that was revealed from the 2012 induced polarization survey. The assay results were not indicative of economic gold mineralization.

2.0 LOCATION AND ACCESS

The Wolf Property is located within the Nisling Range in the southwestern portion of Yukon Territory, approximately 310 kilometres northwest of the city of Whitehorse, and 55 kilometres southeast of the community of Beaver Creek. The White River lies to the west of the property, and the Donjek River runs between the Wolf 3 and 4 claim groups. The Alaska / Yukon geographical border is located approximately 30km north of Beaver Creek along the Alaska Highway. The property lies to the north of the highway. All claims that make up the Wolf property fall within the Whitehorse Mining District.

Access to the property is gained by helicopter transport from the White River Lodge, which is located at kilometer 1818 on the Alaska Highway. The Alaska Highway is well-travelled, with several communities located between Whitehorse and Beaver Creek. Beaver Creek has a maintained community aerodrome, as well as several hotels, gas stations and restaurants. The White River Lodge is located on the south side of the Alaska Highway, and has an owner-maintained airstrip which is useful for helicopter staging and fueling.

Topography in the region is mountainous with several major stream and river valleys on and between claim blocks. The highest altitudes on the property are around 5000 feet, and most ridge tops are above tree line and generally broad and rocky or hummocky. Lower on the ridges and in valleys, vegetation consists of stunted spruce, alder and moss. Wildlife observed on and around the property includes moose, caribou, grizzly bear, black bear, several bird species and small rodents.

The location of the Wolf Project is shown on Figure 1.

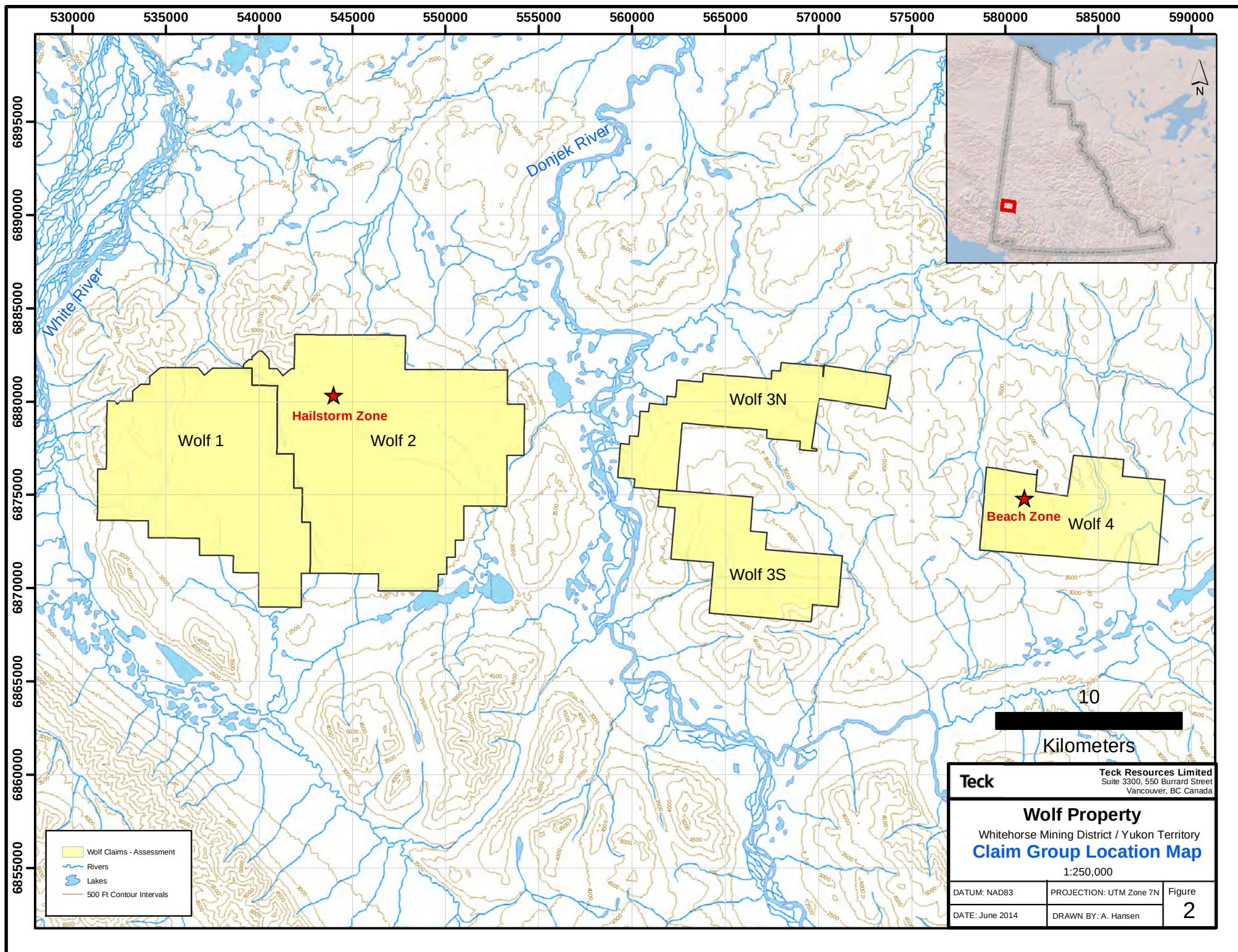
3.0 CLAIM STATUS

The Wolf Property is split into claim groupings for assessment purposes. The groupings are referred to herein as Wolf 1, Wolf 2, Wolf 3N, Wolf 3S and Wolf 4. Figure 2 shows the location of each group of claims within the property. The operator for all claims listed is Teck Resources Limited. No work was completed on Wolf 1, Wolf 3N or Wolf 3S during the 2013 exploration season, and as such work will not be applied to them for this assessment. The following is a summary of the claim groups on which 2013 work was completed.

Wolf 2

The Wolf 2 claim group consists of 647 contiguous quartz mining claims in the Whitehorse Mining District of the Yukon Territory. The property is located on the NTS sheets 115K/01, 115F/16, 115J/04 and 115G13. All claims are 100% owned by Teck Resources Limited. Figure 3 shows the location of the Wolf 2 claims.





Claim Name	Grant Number	Number of Claims	Expiry Date	Requested Renewal Date
WOLF 229 - 378	YD91269 – YD91418	150	March 6, 2018	March 6, 2022
WOLF 387 – 414	YD91441 – YD91454	28	March 6, 2018	March 6, 2022
WOLF 427 – 446	YD91467 – YD91486	20	March 6, 2018	March 6, 2022
WOLF 451 – 460	YD91491 – YD91500	10	March 6, 2018	March 6, 2022
WOLF 461 – 506	YD72091 – YD72136	46	March 6, 2018	March 6, 2022
WOLF 509 – 580	YD72139 – YD72210	72	March 6, 2018	March 6, 2022
WOLF 709 – 795	YD21309 – YD21395	87	March 6, 2018	March 6, 2022
WOLF 1095 – 1099	YF23595 – YF23599	5	February 28, 2015	February 28, 2019
WOLF 1120 – 1129	YF23620 – YF23629	10	February 28, 2015	February 28, 2019
WOLF 1144 – 1153	YF23644 – YF23653	10	February 28, 2015	February 28, 2019
WOLF 1168 – 1177	YF23668 – YF23677	10	February 28, 2015	February 28, 2019
WOLF 1190 – 1199	YF23690 – YF23699	10	February 28, 2015	February 28, 2019
WOLF 1210 – 1225	YF23710 – YF23725	16	February 28, 2015	February 28, 2019
WOLF 1236 – 1247	YF23736 – YF23747	12	February 28, 2015	February 28, 2019
WOLF 1254 – 1273	YF23754 – YF23773	20	February 28, 2015	February 28, 2019
WOLF 1282 – 1293	YF23782 – YF23792	12	February 28, 2015	February 28, 2019
WOLF 1302 – 1313	YF23802 – YF23813	12	February 28, 2015	February 28, 2019
WOLF 1320 – 1329	YF23820 – YF23829	10	February 28, 2015	February 28, 2019
WOLF 1336 – 1345	YF23836 – YF23845	10	February 28, 2015	February 28, 2019
WOLF 1348 – 1357	YF23848 – YF23857	10	February 28, 2015	February 28, 2019
WOLF 1358 - 1442	YF23606 – YF23942	85	February 28, 2015	February 28, 2019
WOLF 1443 - 1444	YF24179 – YF24180	2	February 28, 2015	February 28, 2019

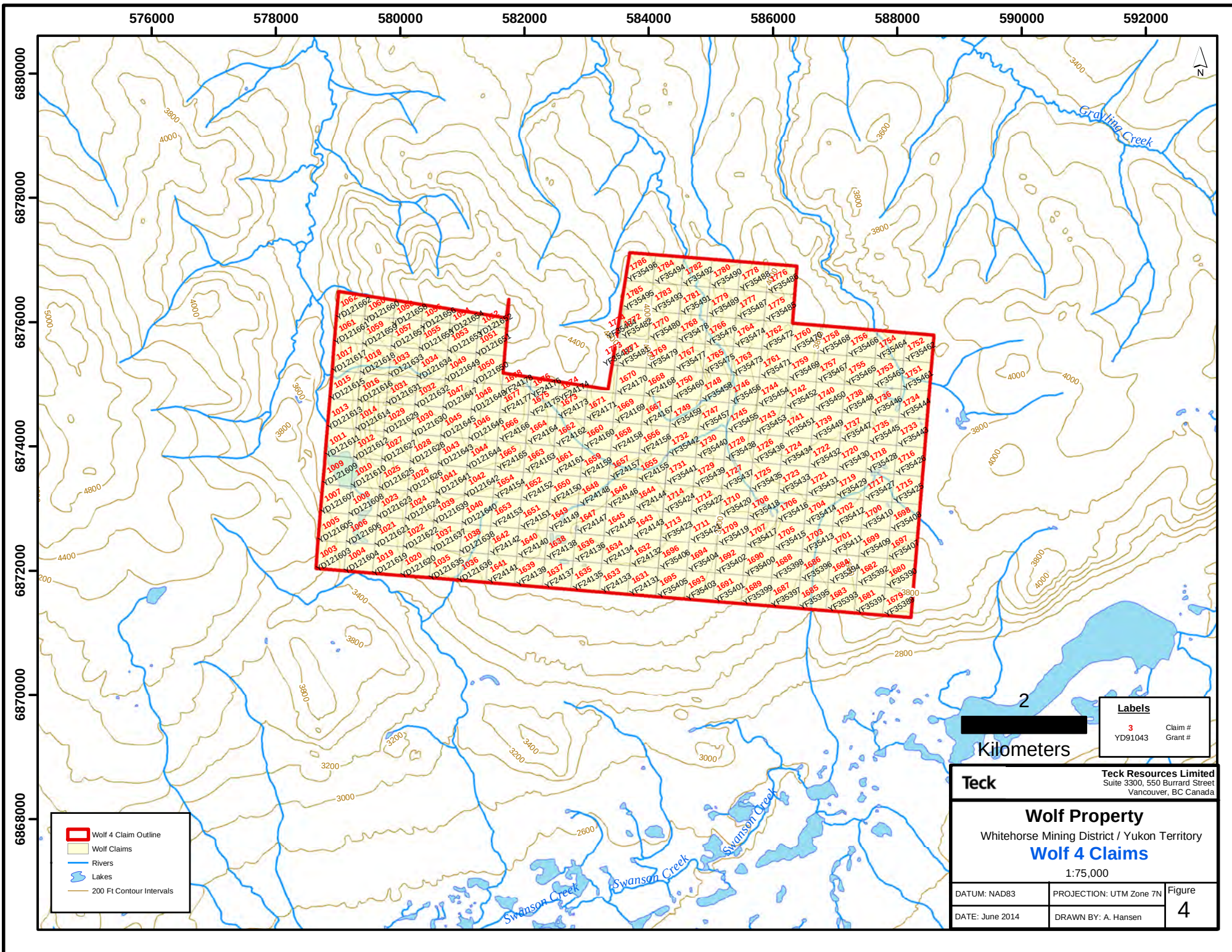
Table 1: Wolf 2 Claim Summary

Wolf 4

The Wolf 4 claim group consists of 216 quartz claims in the Whitehorse Mining District of the Yukon Territory. The claims are located on NTS sheets 115G/14 and 115J/03. All 216 claims are 100% owned and operated by Teck Resources Limited. Figure 4 shows the location of the Wolf 4 claims.

Claim Name	Grant Number	Number of Claims	Expiry Date	Requested Renewal Date
WOLF 1003 - 1062	YD121603 – YD121662	60	March 6, 2019	March 6, 2023
WOLF 1631 - 1678	YF24131 – YF24178	48	February 28, 2017	February 28, 2021
WOLF 1679-1786	YF35389-YF35496	108	February 28, 2017	February 28, 2021

Table 2: Wolf 4 Claim Summary



4.0 PROPERTY HISTORY

The Nisling Range has seen relatively little historic exploration work and no Yukon Minfile occurrences are located on the property. On the Wolf 1 claim group, the Koidern River has been identified as a proven or potential gold bearing stream with some prospecting or exploration history, but with no significant placer mining operations. Teck Corporation completed a stream sediment program throughout the Nisling Range in 1999 which lead to the staking of the Wolf claims during the winter of 2010 by Teck Resources Limited (Teck). Exploration in 2011 split the Wolf property into the following groupings: Wolf 1, Wolf 2, Wolf 3N and Wolf 4. Work on the Wolf property in 2011 by Teck consisted of soil and stream geochemical sampling and prospecting resulting in three principal areas with anomalous gold which were termed Big Bend (Wolf 1), Hailstorm (Wolf 2), and Beach (Wolf 4) along with other poorly defined soil anomalies that required further confirmation. Additional claims were staked in late August and December 2011 which included joining Wolf 1 and Wolf 2, extending Wolf 4 to the east and adding the Wolf 3S claim group (south of Wolf 3N). In 2012, further work by Teck included infill geochemistry, geological mapping and ground geophysical magnetic and IP surveys. Work in 2012 resulted in an additional zone on Wolf 1 with anomalous metals in soil, including As-W-Cu-Te-Bi-(Ag) that was called Peak. In addition, it was recommended that Hailstorm and Beach be prioritized as primary targets and progressed to diamond drilling stage for the 2013 field season. The Wolf 3N claim group was allowed to lapse in March of 2013.

The White River project (Tarsis Resources Ltd.) is an active exploration property adjacent to the Wolf 1 claim group to the northwest which was actively being explored in 2011 and 2012, and there are other active third party claims between the Wolf 3 and Wolf 4 claim groups.

5.0 GEOLOGICAL SETTING

5.1 Regional Geologic Setting

Rocks of southwestern Yukon, north of the Denali Fault, are primarily assigned to 1) the Yukon Tanana terrane, 2) the White River assemblage and underlying Scottie Creek Formation, 3) the Harzburgite Peak - Eikland Mountain ophiolite complex, 4) the Doghead assemblage, 5) various Jurassic to Eocene aged intrusions, and 6) the Late Cretaceous Donjek volcanics. Descriptions of these units herein are largely summarized from publications by Murphy (2011) and Murphy et al. (2011).

Rocks of the Yukon Tanana terrane (YTT) comprise the basal pre-Upper Devonian, quartz-rich siliciclastic Snowcap assemblage and overlying Upper Devonian to Permian carbonaceous schist, quartzite, muscovite-quartz schist, marble and mafic schist of the Finlayson assemblage. The White River assemblage is lithologically similar to rocks of the YTT, but also includes carbonaceous and siliciclastic rocks of the Permian to Upper Triassic Mirror Creek formation and a Mid-Triassic gabbroic unit. Previous interpretations have correlated the White River assemblage with the Yukon Tanana terrane, but a new interpretation by Murphy (2011) instead correlates the White River assemblage and underlying schists of the Scottie Creek Formation with rocks of the Selwyn Basin (Laurentia).

The Harzburgite Peak - Eikland Mountain (HPEM) ophiolite complex comprises harzburgite, peridotite, gabbro and diabase with lesser plagiogranite, chomitite, basalt and chert. Diabase and hornblende gabbro are dated as Early Permian, emplaced into older ultramafic rocks (Murphy et al., 2011). The HPEM ophiolite complex structurally overlies the Yukon Tanana terrane to the east and what is now interpreted as the Laurentian continental margin (i.e. Selwyn Basin rocks) to the west. This is a similar structural setting to oceanic rocks of the Slide Mountain terrane, which mark the contact between the Laurentian continental margin and Peri-Laurentian arc terranes along the length of the North American cordillera.

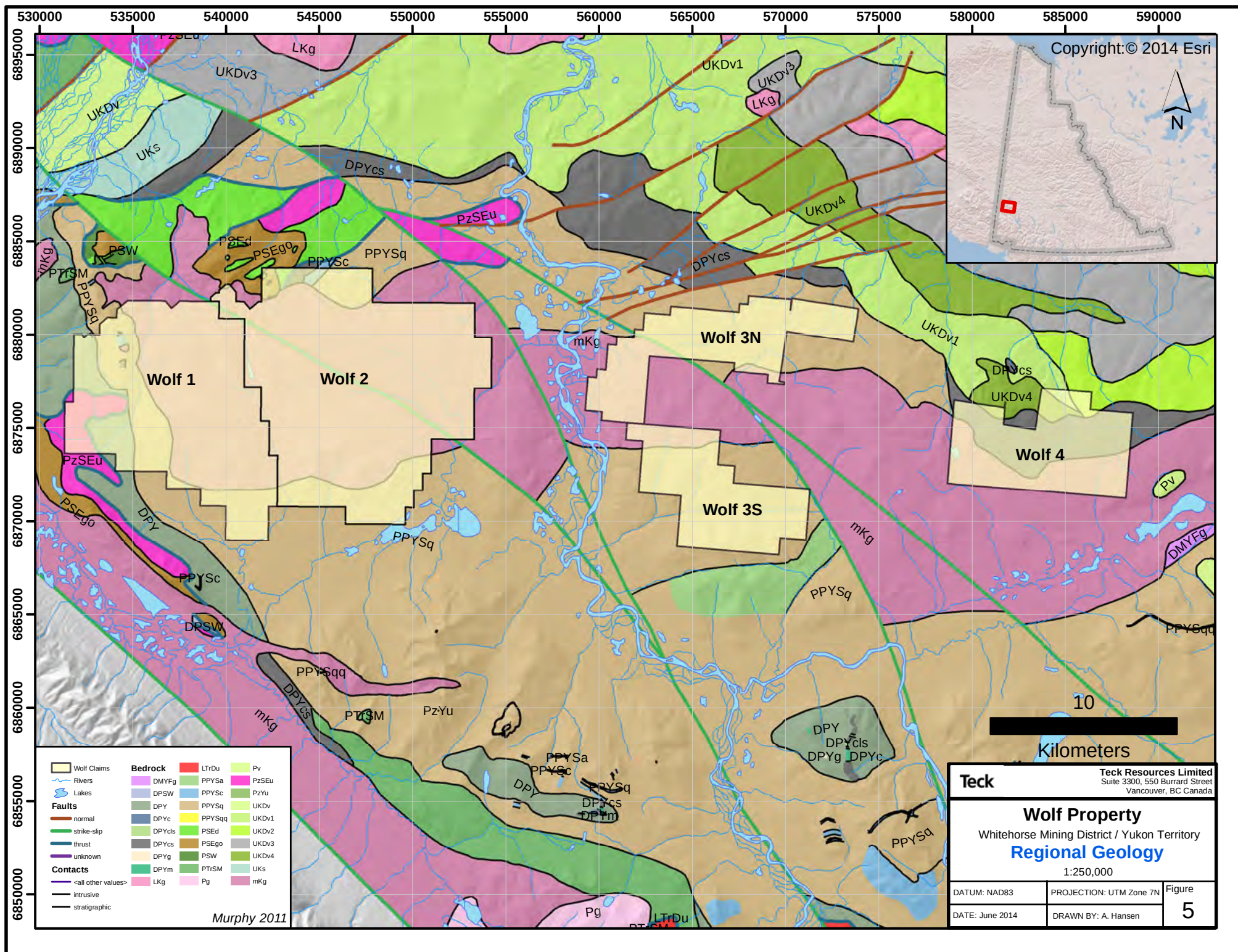
The Doghead assemblage comprises metamorphosed peridotite, harzburgite and gabbro thrust over rocks of the Yukon Tanana terrane (Murphy et al., 2011). Metagabbro and plagiogranite within the Doghead assemblage are Late Triassic in age, likely correlative with the Meade Glacier complex (near Skagway, Alaska) and the Chulitna terrane (south of the Denali fault, eastern Alaska). Together, these occurrences reflect an oceanic terrane fringing the North American craton during the Triassic.

The above sequences are intruded by a series of Jurassic to Eocene aged intrusions including the early Cretaceous Nisling Range batholith and Late Cretaceous Ruby Range batholith.

Much of the broader area is overlain by unmetamorphosed, predominantly mafic rocks, of the Late Cretaceous Donjek Volcanics. These rocks are now correlated with the more widely studied Carmacks volcanics elsewhere in the Yukon. A regional geology map can be found on Figure 5.

5.2 Property Geology

The Wolf Project area is predominantly underlain by equigranular biotite- and hornblende-bearing granitoids and leucocratic aplite dykes of inferred Early Cretaceous age, comprising the Nisling Range batholith. In general, the Nisling Range batholith varies from non-magnetic granitic compositions in the west (Wolf 1 and 2 claim blocks) to magnetic dioritic compositions further east (Wolf 4 claim blocks). Porphyritic dykes are locally noted on the Wolf 2 and 4 claim block cutting the Nisling Range granitoids; these dykes may be Cretaceous in age, or may correspond with nearby Early Tertiary intrusive ages documented by Murphy (2011).



Teck

Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada

Wolf Property

Whitehorse Mining District / Yukon Territory

Regional Geology

1:250,000

DATUM: NAD83	PROJECTION: UTM Zone 7N	Figure 5
DATE: June 2014	DRAWN BY: A. Hansen	

The Nisling Range batholith intrudes Snowcap and Finlayson assemblage rocks of the Yukon Tanana Terrane (YTT). In the Wolf Project area, the Snowcap assemblage is dominated by siliceous meta-clastic rocks (quartz-biotite and quartz-muscovite schists) and can be seen on Wolf 3S and the western edge of Wolf 1. Subordinate marble and carbonaceous meta-clastic rocks likely correlate with the Finlayson assemblage. On the Wolf 1 and Wolf 2 claim blocks, Yukon Tanana rocks are over-thrust by diabase, gabbro and ultramafic rocks of the Harzburgite Peak – Eikland Mountain (HPEM) ophiolite complex.

On the Wolf 4 claim group, Nisling Range granodiorite intrudes a complex package of metamorphic rocks including schist, augen gneiss and amphibolite which likely comprise part of the Finlayson assemblage. Throughout the central portion of the claim group, two diorite phases have been identified: (1) a fine to medium grained green, hornblende-biotite diorite with pervasive chlorite-rich alteration and 'fuzzy' magmatic grain boundaries, and (2) a medium grained, black and white 'salt and pepper' hornblende-biotite diorite with sharp grain boundaries. Both phases are interpreted to belong to the Nisling Range batholith with the 'salt and pepper' diorite being slightly younger. Evidence for this timing relationship is noted by A) narrow dykes of the salt and pepper diorite cutting the green diorite, and B) xenoliths of the green diorite noted within the salt and pepper diorite. More commonly gradational boundaries between the diorite phases are noted. Additionally, an intensely bleached and silicified, polymict to monomict breccia unit with milled meta-volcanic (Finlayson?) and lesser diorite and porphyry clasts is found throughout Wolf 4 which is theorized to be of similar age to the diorite. These rocks are unconformably overlain by the Late Cretaceous Donjek andesite to basalt along the northern margin of the Wolf 4 claim block. Porphyry dykes have also been observed along the central- western edge of the claim group, cropping out on a western facing cliff and as sub-crop on the plateau. The porphyry rocks vary compositionally from plagioclase-phyric with a dark green, mafic groundmass to hornblende-phyric with a felsic groundmass. A dark grey to pale green, fine grained, calcite-biotite rich dyke was encountered at depth within the main geochemical footprint that is interpreted to be a lamprophyre; the relationship of this dyke to the system is unknown.

Regional scale faults running along valley bottoms, trending NW-SE between Wolf 1 and Wolf 2 and between Wolf 3 and Wolf 4 claim groups have been mapped by the Yukon Geological Survey (Murphy, 2011). However, due to cover through the valleys, very little outcrop and the homogeneous nature of the Nisling Range Batholith, evidence for major faulting is difficult to locate at a property scale. Drilling on the Wolf 4 claim group showed evidence indicative of a fault corresponding to the saddle north of the diorite and breccia contact, however, the direction and displacement of the fault has not yet been determined.

Property geology maps can be found on Figures 6 and 7

5.2.1 Mineralization

Previous exploration work done by Teck Resources Limited in 2011 and 2012 outlined four areas with anomalous gold which were termed Big Bend (Wolf 1), Peak (Wolf 1), Hailstorm (Wolf 2), and Beach (Wolf 4) zones. Work in 2013 concentrated on defining the targets at both Hailstorm and Beach; mineralization at these zones is discussed below. The locations of the Hailstorm and Beach zones are labeled on Figure 2.

Hailstorm Zone

The Hailstorm zone is marked by large sub-angular to sub-rounded granitic boulders along a rounded NW-SE trending ridge, approximately 1.5km from the northern edge of the Nisling Range batholith. The boulders are interpreted to be proximally sourced. Host rocks comprise a black and white biotite-hornblende-granodiorite with up to 10% sheeted quartz veining. Chlorite-clay veinlets are also present locally, with associated iron-carbonate (ankerite?) and trace pyrite. Mineralization is hosted within the sheeted quartz veins, and includes pyrite, chalcopyrite plus malachite, arsenopyrite, molybdenite and rare visible gold. Disseminated molybdenite and pyrite are also observed in some samples. Overall sulphide concentrations are low (<0.1%), but locally reach 1-2% in select samples. Quartz veins are on average 1-4mm wide, with an average spacing of 10-20cm. Locally wider (5-15cm) smoky grey to milky white quartz veins were also observed in the granodiorite, but no sulphides were observed in hand sample of these veins. On average, field mapping has determined the veins to be striking to the NE, and with a near-vertical dip. In addition to sheeted quartz veins, mineralization at Hailstorm shows several other diagnostic characteristics of a reduced intrusion related gold (RIRG) system including a distinct Au-Bi-Te metal association and a spatial and inferred genetic association with reduced, ilmenite-series plutonic rocks.

Results from prospecting in 2012 covering an area of approximately 300 x 500m over the Hailstorm zone returned values to a high of 1.7 g/t Au with 22 samples (20 float composites, 2 subcrop grabs) within this area returning an average of 0.18 g/t Au. Additionally, anomalous bismuth values highlighted a second area approximately 2.0km x 1.7km large, 1.2km east from the extent of the 2011 sampling grid which may outline an additional mineralized zone adjacent to the Hailstorm zone. Similar sheeted quartz veins were noted in this area and prospecting efforts returned two rock samples with values of 1.25 g/t and 0.49 g/t Au as well as one rock in 2011 returning 1.07 g/t Au which warrant follow-up.

Diamond drilling in 2013 confirmed only weak to moderate sheeted quartz (pyrite-chalcopyrite-molybdenite) and quartz-chlorite (pyrite-chalcopyrite) veining. The assay results did not produce intercepts indicative of economic gold mineralization.

Beach

The Beach zone is located on a high, undulating plateau on the Wolf 4 claim block and is variably covered by a veneer of transported silty to sandy material interpreted as volcanic ash. Geological mapping in 2012 outlined gold mineralization in soil coinciding with the southern contact between biotite-hornblende diorite and a bleached breccia unit. Prospecting over an area of approximately 480m x 400m returned anomalous gold values to a high of 0.58 g/t with 8 samples in this area returning an average of 0.34 g/t Au.

Diamond drilling in 2013 has confirmed the presence of a mineralized magmatic-hydrothermal system that is hosted in diorite and porphyry dykes coincident with the contact between the diorite and silicified, hydrothermal breccia. Along this contact, drill holes WLF-13-001 and WLF-13-003 returned gold intercepts of 100.2m @ 0.25 g/t Au (including 6.1m @ 0.8 g/t Au) and 44m @ 0.68g/t Au, respectively. Plagioclase porphyry dykes intersected in both WLF-13-001 and WLF-13-003 resulted in gold values up to 1.1 g/t and 1.9 g/t Au respectively. Anomalous copper and molybdenum mineralization and assay results correspond with gold intersections.

Both diorite phases and porphyry dykes are cut by three dominant vein- to stockwork-hosted pyrite-chalcopyrite-molybdenite mineralization styles: (1) quartz $\pm$ chlorite veinlets, (2) planar aplite veins, and (3) late, quartz-tourmaline veins. Both the porphyry and the diorite are cut by the aplite dykes and quartz $\pm$ chlorite veins that mutually cross-cut one another; they are believed to be related to the main phase of gold mineralization. Of the diorite and porphyry phases identified, gold mineralization is preferentially associated with pervasively chlorite-altered green diorite and porphyry dykes, in which pyrite, chalcopyrite and molybdenite mineralization is disseminated and hosted by quartz $\pm$ chlorite veinlets and stockwork.

5.2.2 Alteration

Hailstorm Zone

The granodiorite at the Hailstorm zone is predominantly unaltered with localized zones of weak sericitization of feldspars and weak to moderate chlorite replacing biotite and hornblende. Rare potassium feldspar is observed in association with mineralized quartz-chlorite veining in drill core. Local chloritization of biotite tends to increase intensity coincident with zones of sericite alteration.

Beach Zone

Throughout the Wolf 4 claim group, hydrothermal alteration is predominantly comprised of propylitic and phyllic mineral assemblages along with silica and tourmaline alteration. A propylitic assemblage comprised of chlorite-epidote $\pm$ carbonate is observed throughout both diorite phases. Within the green diorite, this assemblage occurs as moderate to strong pervasive chlorite $\pm$ carbonate and quartz $\pm$ chlorite $\pm$ sulphide veinlets and is associated with disseminated sulphides and anomalous gold

intersections in drill core. Moderate to intense silicification is also noted throughout the green diorite phase in association with pervasive chlorite resulting in 'fuzzy' magmatic grain boundaries. Silicification and local pervasive propylitic alteration of the green diorite coincides with anomalous gold in both soil and drill core. Within the salt and pepper diorite, chloritization of mafic sites, epidote clots and irregular, blebby epidote associated with quartz-tourmaline veins is more prevalent.

A phyllic assemblage comprised of quartz-sericite $\pm$ pyrite overprints pervasive chlorite alteration. The assemblage is generally vein-controlled as selvages around quartz-tourmaline-(pyrite-chalcopyrite) veins. Quartz-tourmaline veins were observed to cut all assemblages. In some instances, quartz-tourmaline-(sulphide) veins are observed to have older, white quartz-potassium feldspar selvages that cut younger pale brown, secondary biotite-sericite selvages. In addition, pervasive sericite is locally observed in association with minor faults as well as replacing feldspars in both the diorite and porphyry units.

Widespread, pervasive bleaching and silicification with patchy epidote $\pm$ chlorite is common throughout the resistant breccia body which borders the diorite to the north and south. This silica assemblage is also inferred to be grade-destructive with only rare sulphides observed within the altered breccia unit.

Locally, an alteration assemblage comprised of quartz-biotite-tourmaline occurs as intense alteration of the silicified breccia matrix along with selective clay-sericite-carbonate alteration of magmatic feldspars within the diorite clasts. Spatially, this type of alteration has been observed proximal to the diorite and breccia contact.

6.0 DEPOSIT TYPES

The Nisling Range batholith has experienced relatively little historic exploration, and does not host any documented Minfile occurrences. Portions of the pluton with a low magnetic response, and adjacent areas of country-rock may be considered prospective for reduced intrusion related gold (RIRG) mineralization analogous to the Fort Knox and Pogo deposits in Alaska. More oxidized, magnetic, portions of the batholith may be prospective for porphyry and related mineralization styles.

Portions of the Yukon Tanana terrane stratigraphy are prospective for volcanogenic massive sulphide (VMS) mineralization as documented from the Finlayson Lake district (north of the Tintina Fault), and the recently discovered Touleary VMS occurrence south of Dawson City.

The Harzburgite Peak – Eikland Mountain ophiolite complex is prospective for ultramafic-hosted PGE mineralization as documented by Murphy et al. (2011). The complex may also have some potential to host VMS mineralization.

7.0 OVERVIEW OF 2013 EXPLORATION PROGRAM

The 2013 exploration program on the Wolf property consisted of diamond drilling on the Wolf 2 and Wolf 4 claim groups with additional, infill soil geochemistry completed on Wolf 4. A sampling and mapping crew ranging from two to four persons worked several field rotations on the property throughout the field season, starting on July 7, 2013 and completing the program on August 22, 2013. A contract crew of two to four people were on site to construct and reclaim drill pads. Diamond drilling was completed by a contract crew testing two target areas with eight drills holes for a total of 1623.1 metres of drilling. All drill holes, except for one, were sampled for their entire lengths. A total of 119 soil samples and 857 core samples were collected from the Wolf property that can be applied for assessment purposes. All of the samples collected were picked up by Mercer Contracting's expediting services and transported by truck to the Acme Analytical (Acme) Prep Laboratory in Whitehorse, Yukon for preparation and subsequently shipped to Acme Labs in Vancouver for analysis. Acme is an ISO 9002 accredited facility and services numerous exploration programs in Yukon.

The remainder of this report describes the results of the exploration program.

8.0 SOIL GEOCHEMICAL SAMPLING

8.1 Soil Sampling Procedures

Soil geochemical sampling on the Wolf 4 claim group in 2013 was designed to: (a) test the extent of mineralization to the north and northwest of the diorite and breccia contact, and (b) test the extent of anomalous metals in soil to the south. Both areas sampled this year built upon an existing sampling grid that was tested in 2012. All samples collected were conventional B-horizon soil samples that are generally interpreted to be locally-derived. At each sample site approximately 2 kilograms of soil was collected and placed in a Hubco fabric sample bag along with a lab-issued sample tag and secured with a zip tie or the Hubco tie. Sample numbers were also written on the outside of each sample bag.

Each sample site was located using a hand-held Garmin GPS unit and detailed notes describing the material and various physiographic constraints were recorded using a Trimble JunoT41/5 handheld computing device.

8.2 Soil Analysis Procedures

For the 2013 Wolf project, all soil samples were prepared at Acme Laboratories, Whitehorse then analyzed at Acme Laboratories, Vancouver. The soil samples upon receipt at Acme Whitehorse were first dried at 60 degrees Celsius for 24-48 hours. Once dry the sample was then sieved in its entirety to -80 mesh. The coarse reject material was placed with the original sample bag into a bar coded reject bag, which in turn was placed into rice sacks and bins for storage in Whitehorse. The sieved material (-80

mesh) was packaged into a paper tin tie bar coded sample bag and then shipped to Acme Vancouver for analysis. The Acme preparation code for soils was SS80.

The soil samples were analyzed at Acme Vancouver by the analytical codes 1F06 and 2A05. The 1F06 method uses a 30g sample split which was digested using aqua regia and followed with an ICP-MS finish. This supplied low level concentrations of important commodity, deleterious and pathfinder elements. The samples were also analyzed for loss on ignition (LOI) by the Acme code 2A05. The 2A05 method involved weighting the sample prior to placing it into a 1000°C furnace and then re-weighting post ignition. This provides the volatiles lost by difference during the ignition process.

8.3 Soil Sampling Results

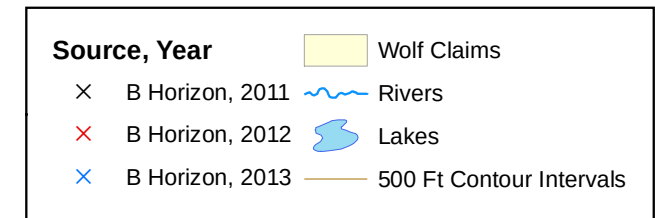
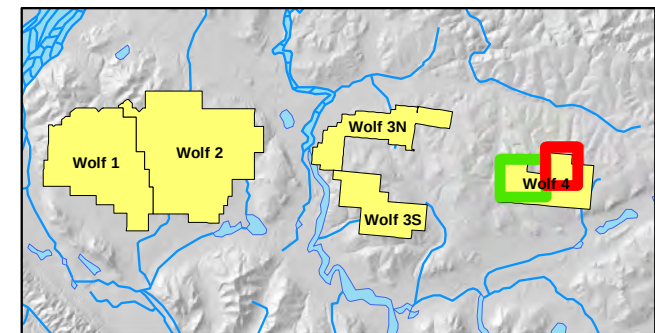
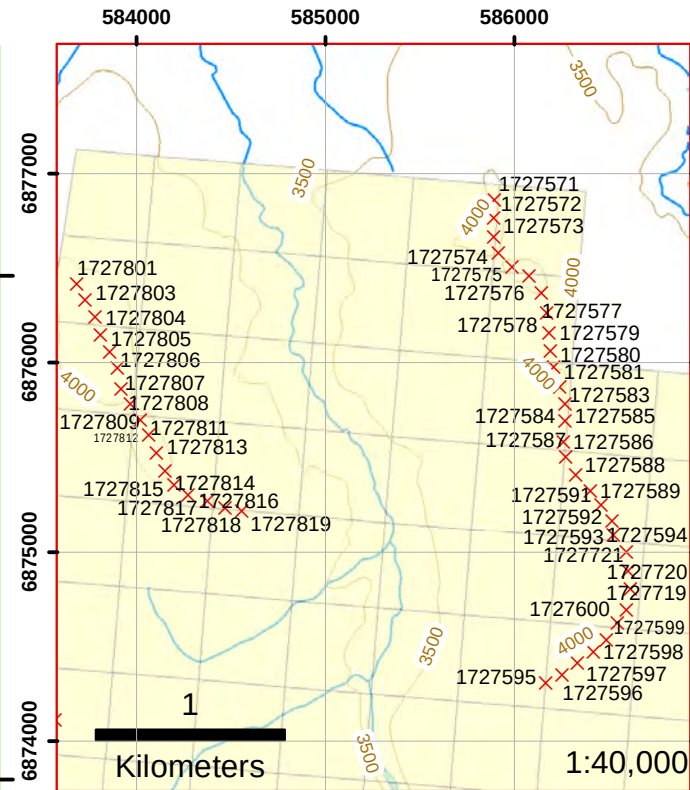
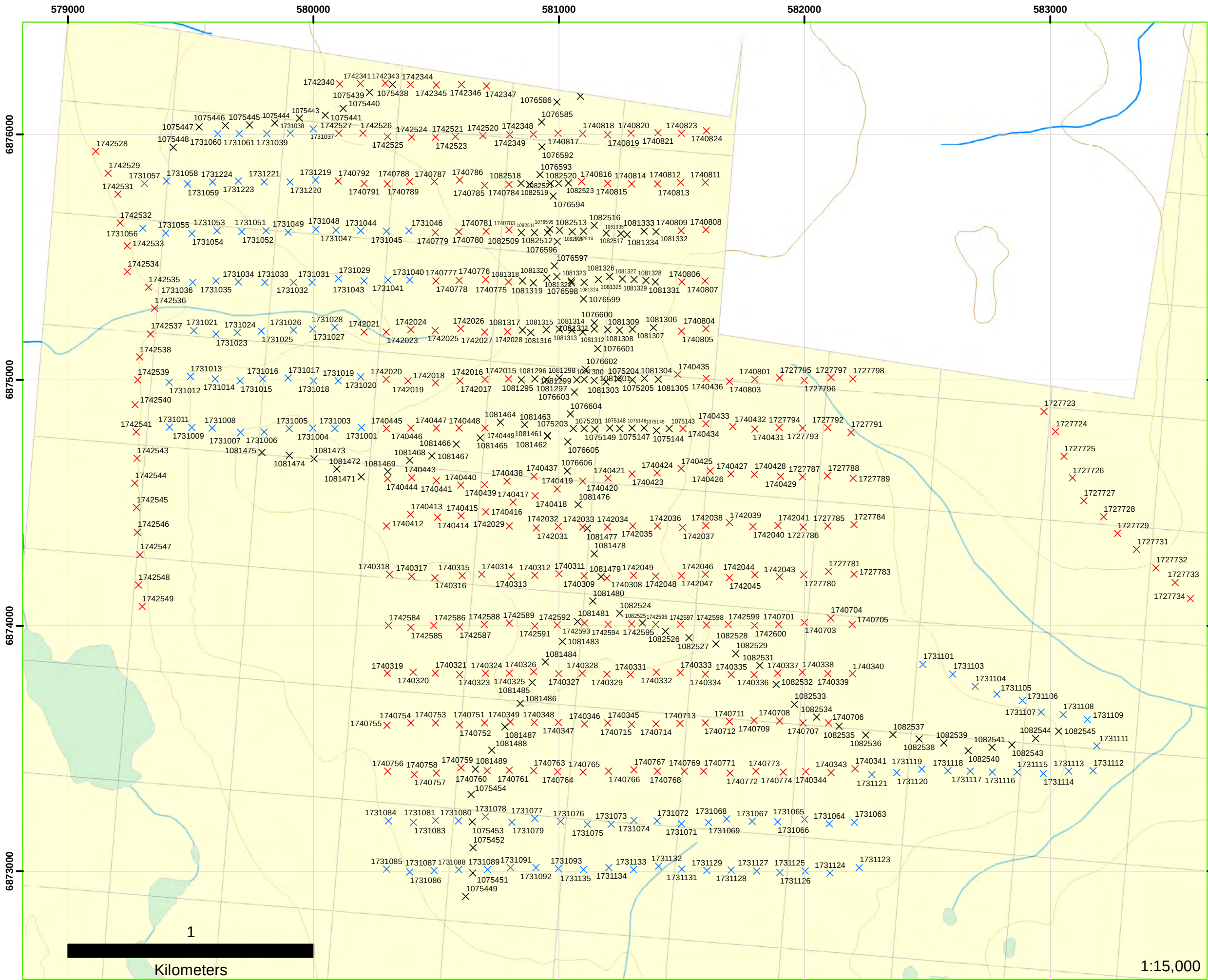
Soil geochemical results from 2013 showed relatively subdued gold values. As a result, the anomalous footprint of gold and related elements was closed off to the west and south of the main soil anomaly that was outlined in 2012. Soil sample locations and corresponding geochemistry can be found in Figures 8, 9a and 9b. Soil sample analytical certificates are located in Appendix VI.

9.0 DIAMOND DRILLING

Eight diamond drill holes were completed in 2013, for a total of 1623.1 metres of drilling. Two of these drill holes tested sheeted quartz veins and an Au-Bi-W-(Mo-Cu) geochemical footprint on the Hailstorm target, totaling 382.5m. The remaining six holes were located on the Beach zone and were targeted based upon an integration of geological mapping and soil geochemistry with IP and ground magnetic data from 2012. Table 3 summarizes the drill collar locations and orientations with reference to true north. A map of the drill hole locations can be found in Figures 10 and 11.

Collar ID	Elevation (m)	Easting	Northing	Collar Azimuth	Collar Dip	Depth (m)	Zone
WLF-13-001	1409	580990	6875204	303.9	-87.9	234.7	Beach
WLF-13-002	1415	581003	6875500	229.2	-89.7	222.5	Beach
WLF-13-003	1418	581106	6875204	93.2	-49.7	202.7	Beach
WLF-13-004	1447	580999	6874905	317.7	-88.6	196.6	Beach
WLF-13-005	1349	581600	6874300	338.7	-88.6	233.2	Beach
WLF-13-006	1415	580595	6874801	315	-50.4	150.9	Beach
WLF-13-007	1431	543699	6880805	361.5	-50.2	179.8	Hailstorm
WLF-13-008	1445	543702	6880640	359.6	-50.4	202.7	Hailstorm

Table 3: Drill Collar Locations and Orientations



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Wolf 4 Claims

Whitehorse Mining District

Soil Sample Locations

DATUM: NAD83

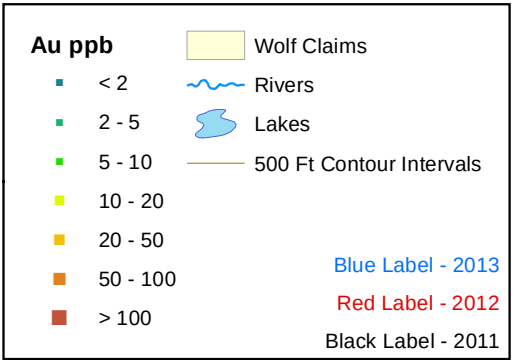
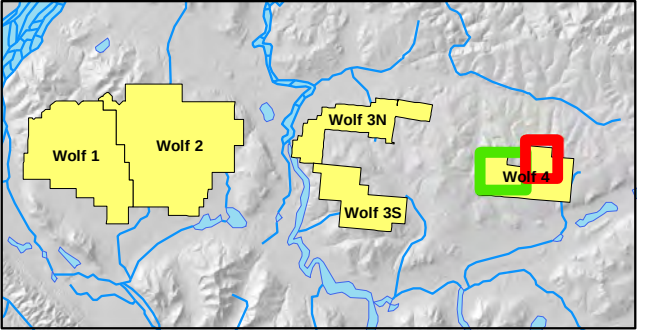
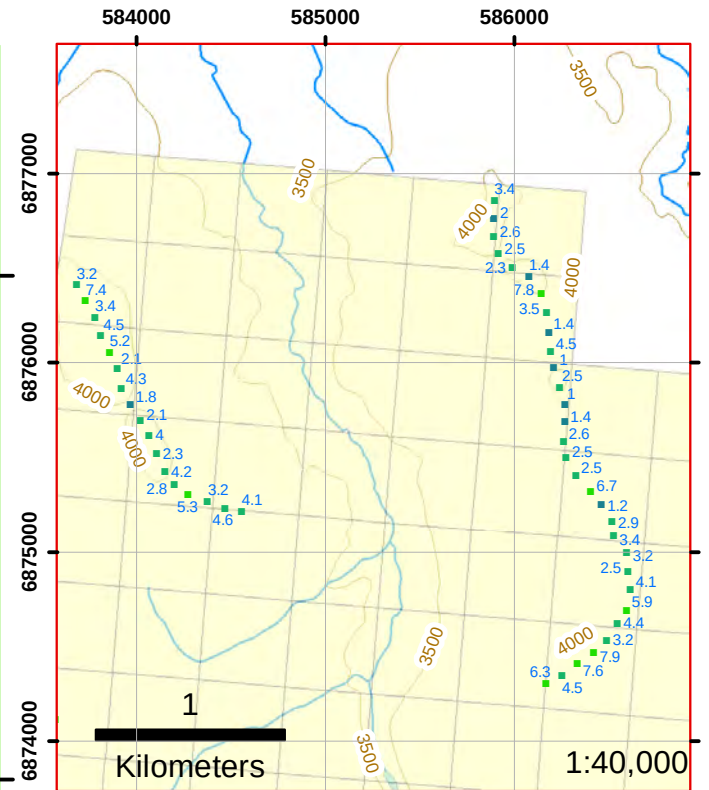
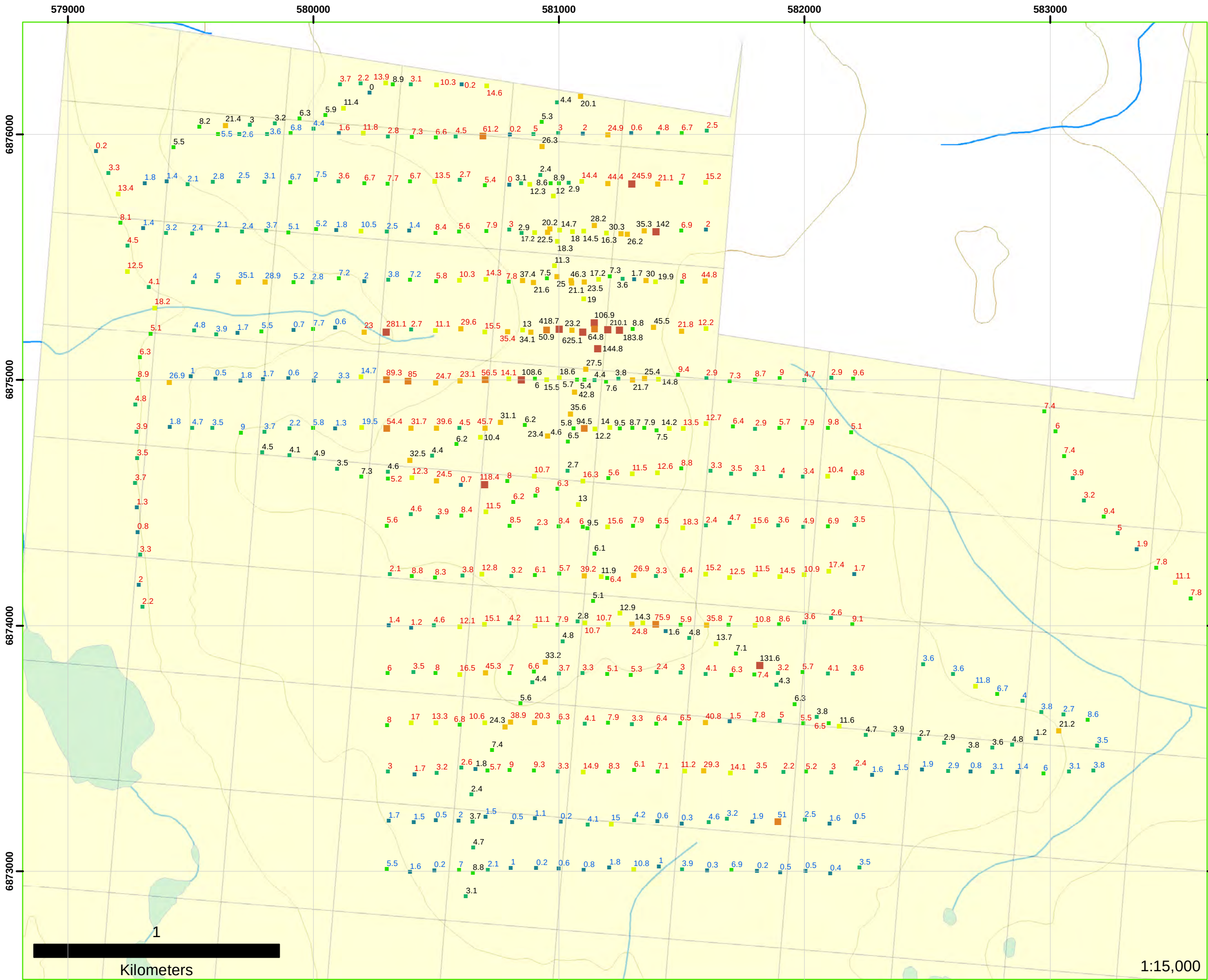
PROJECTION: UTM Zone 7N

DATE: June 2014

DRAWN BY: A. Hansen

Figure

8



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Wolf 4 Claims

Whitehorse Mining District

Soil - Au PPB

DATUM: NAD83

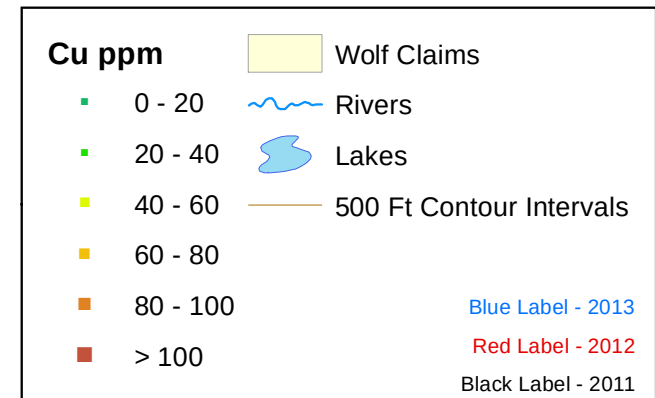
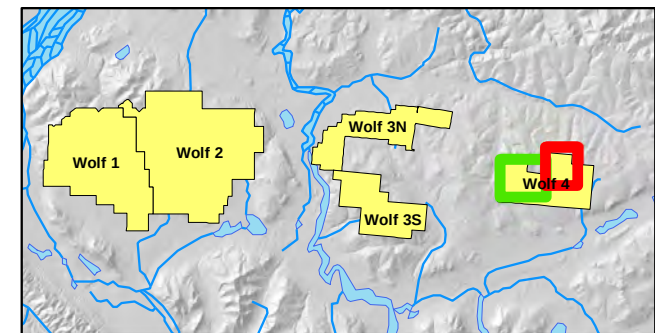
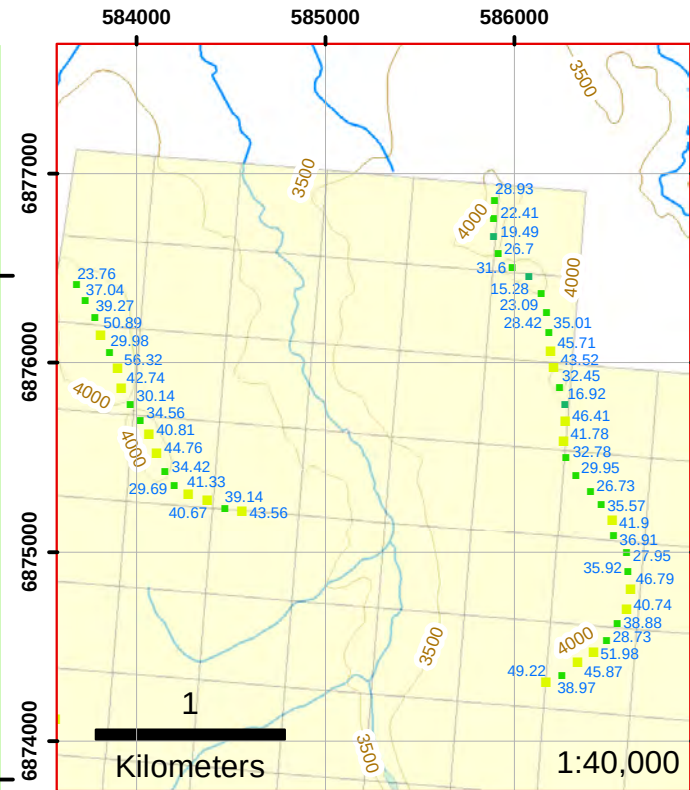
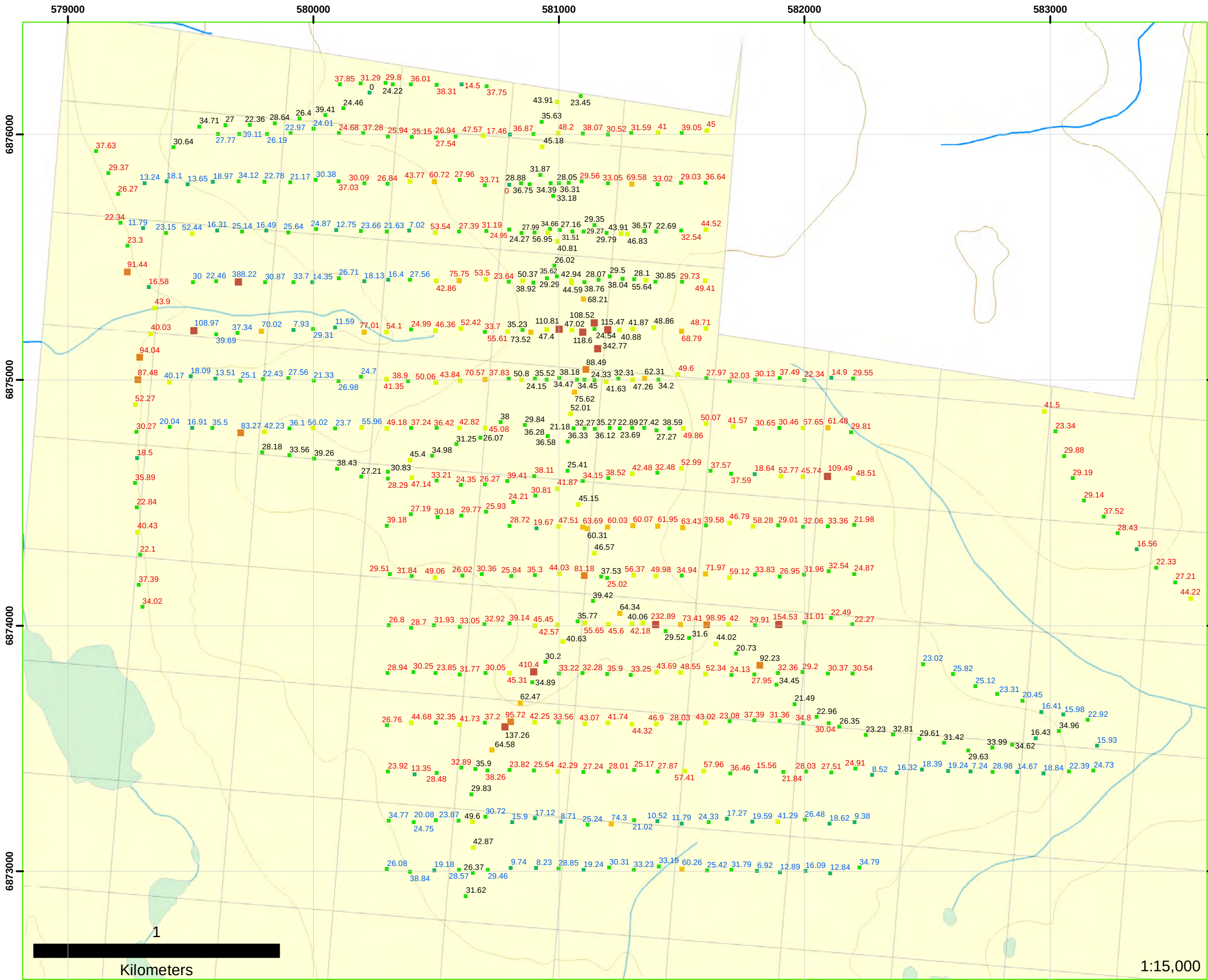
PROJECTION: UTM Zone 7N

DATE: June 2014

DRAWN BY: A. Hansen

Figure

9a



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Wolf 4 Claims

Whitehorse Mining District

Soil - Cu PPM

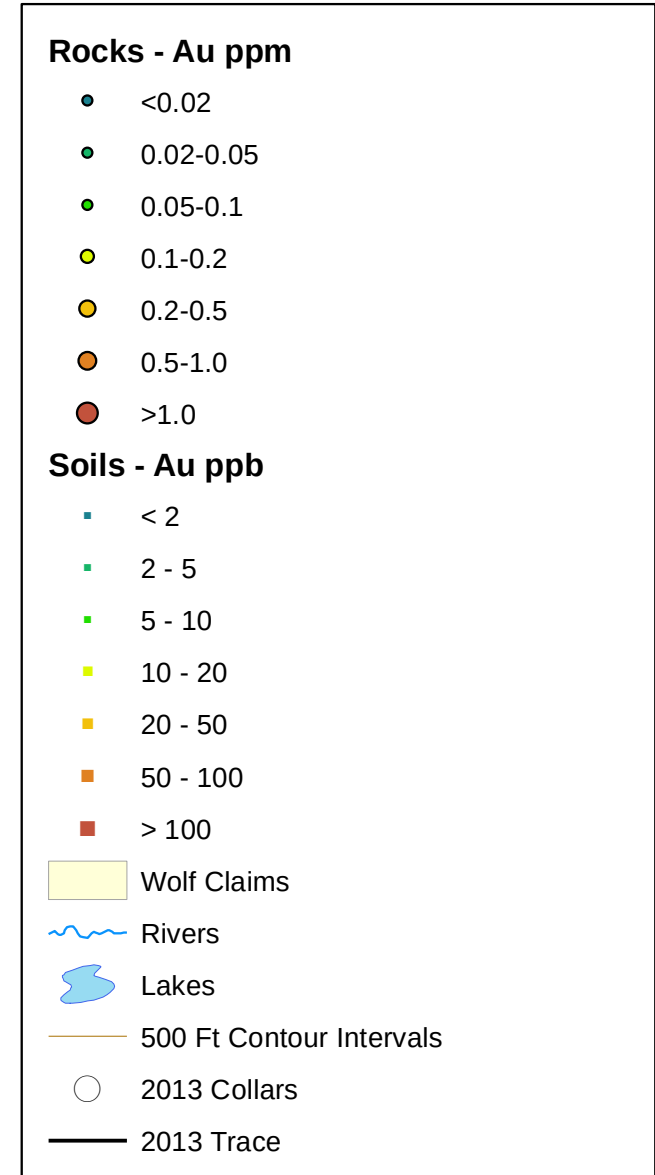
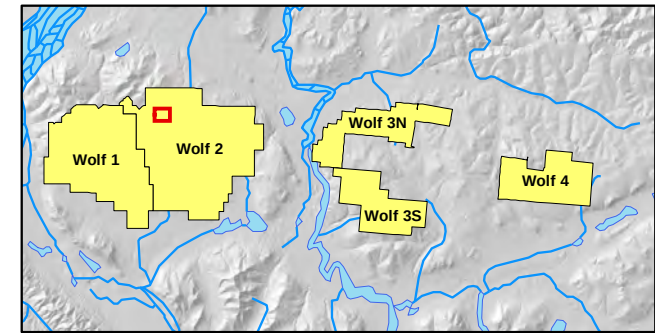
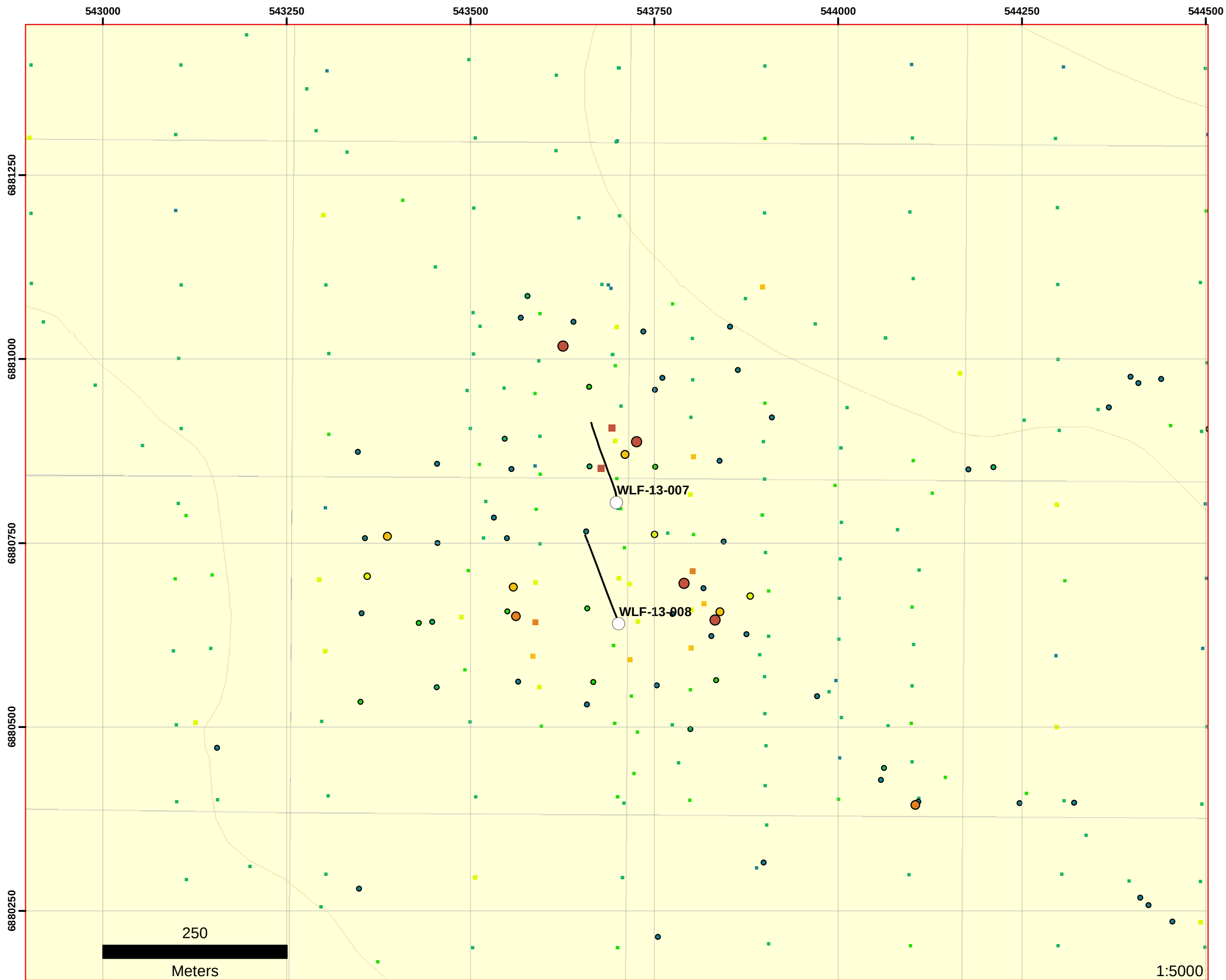
DATUM: NAD83

PROJECTION: UTM Zone 7N

DATE: June 2014

DRAWN BY: A. Hansen

Figure
9b



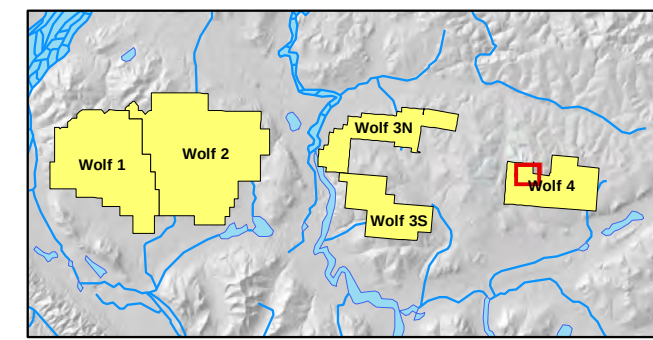
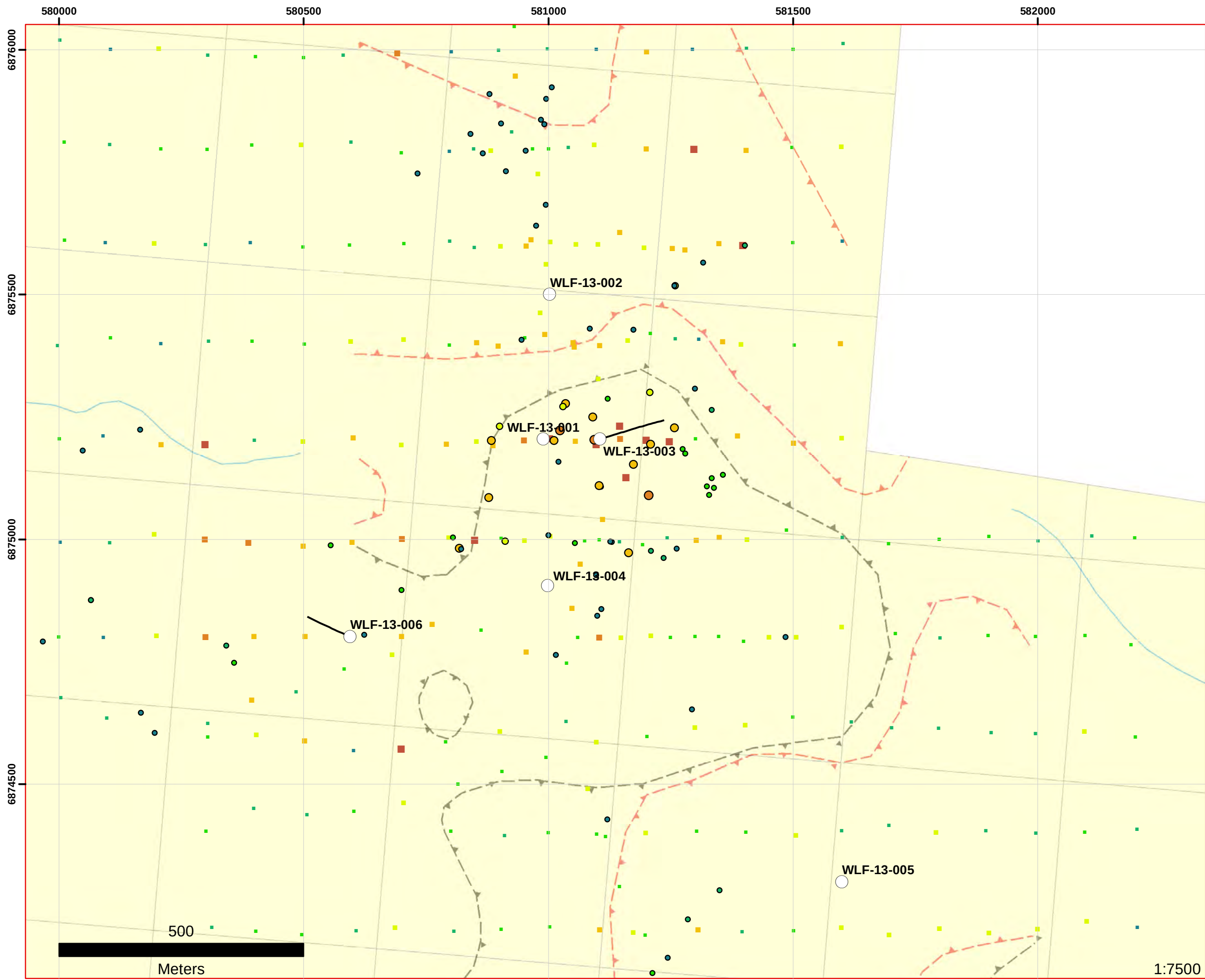


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Wolf 4 Claims
Whitehorse Mining District
Hailstorm Zone Plan Map

DATUM: NAD83	PROJECTION: UTM Zone 7N	Figure
DATE: June 2014	DRAWN BY: A. Hansen	10



○ 2013 Collars
— 2013 Trace
Yellow Polygon Wolf Claims
Blue Line Rivers
Blue Shape Lakes

Beach IP Contours
—▲ CHG > 15 (All Depths)
—▲ CHG > 20 (All Depths)

Au in Rocks - ppm
● < 0.02
● 0.02 - 0.05
● 0.05 - 0.1
● 0.1 - 0.2
● 0.2 - 0.5
● 0.5 - 1
● > 1

Au in Soil - ppb
■ < 2
■ 2 - 5
■ 5 - 10
■ 10 - 20
■ 20 - 50
■ 50 - 100
■ > 100

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Wolf 4 Claims
Whitehorse Mining District
Beach Zone Plan Map

DATUM: NAD83	PROJECTION: UTM Zone 7N	Figure
DATE: June 2014	DRAWN BY: A. Hansen	11

9.1 Diamond Drilling Procedures

Diamond drilling was conducted by Kluane Drilling Ltd. of Whitehorse, Yukon with a KD1000 fly rig between July 15, 2013 and August 20, 2013. All core was drilled using NTW size coring bits and rods. Prior to drilling, collar locations and foresights were located and staked by geologists using a handheld GPS unit and Brunton compass. Planned drill targets were assessed for heritage resource potential by Ecofor Consulting Ltd. of Whitehorse, Yukon. No archaeological or paleontological resources, or any other historical resources were identified in the drill target areas. Collar locations were also assessed for rare plant species and species at risk using guidelines from Environment Yukon. No rare plant species or species at risk were observed in planned collar areas. Prior to drilling, timber drill pads were constructed at each collar location by All-In Exploration Services from Whitehorse, Yukon. Drilling was supported by an A-Star B2 helicopter on contract from Trans North Helicopters. NTW-sized drill core was transported in wooden core boxes by helicopter to the temporary logging facility at White River Lodge, located approximately 55 kilometres from the Beach zone and 20 kilometres from the Hailstorm zone. Down-hole survey measurements of drill hole orientations were collected by Kluane Drilling personnel using a Reflex EZ-Shot tool, with measurements typically taken every 50 metres starting at the end of hole. Downhole survey measurements can be found in Appendix III. Following completion of drilling, the drill pads were removed and remediation of the site was completed. Upon completion, the drill collar locations were measured using a handheld GPS instrument.

9.2 Core Logging Procedures

Core logging was conducted at the temporary core-logging facility located at the White River Lodge camp. Upon arrival at the core-logging facility, “from-to” intervals were inscribed on the front and top left hand corner of each box, core recoveries calculated, and RQD geotechnical measurements taken. Aluminum label tags with meterage, hole ID and box # were fastened to the front of each box. Geological logging was done using paper logs that captured interval-based information on lithology, alteration, veins, and mineralization. Structural information was recorded on a separate log sheet. In addition to geological logging, regular measurements were taken for magnetic susceptibility using a handheld KT-9 magnetic susceptibility metre. Sample intervals up to 2m in length were marked by the logging geologist and a standard, blank and field duplicate was inserted into each batch of twenty samples. Photographs of wet core were taken upon completion of logging and sample assignment. Core was subsequently cut and sampled using a gas-powered core saw. All drill core from 2013 is currently being stored on the north end of the airstrip at the White River Lodge .

9.3 Drill Core Sample Transportation and Security

Upon completion of logging and core cutting, cut core samples were collected in plastic sample bags secured with cable ties. A total of 857 drill core samples were collected from Wolf 2 and Wolf 4 in 2013. For shipping, these plastic sample bags were put into numbered rice sacks and secured with numbered, locking security ties. Samples were delivered by expeditor to the Acme Analytical Laboratories prep lab in Whitehorse.

9.4 Drill Core Preparation and Analysis

As with the soil samples, all drill core samples were prepared at Acme Laboratories, Whitehorse then analyzed at Acme Laboratories, Vancouver. The sample preparation code was R200-1000 and included, crushing, drying, riffle splitting and pulverizing. The preparation included drying of the sample at 60 degrees Celsius for 24-48 hours. The crusher was first cleaned with a charge of clean quartz sand. To ensure no cross over contamination the first sample of each job for every crusher is a barren granite blank reported in the certificate as G1. The samples were crushed to 80 percent passing 10 mesh using a Terminator crusher. This coarse crush material is passed through a riffle splitter 3 times to homogenize it and then split down to 1000g split with the remainder put into the reject bag. The original sample bag was placed in a bar coded reject bag; rejects are placed in rice sacks and then in bins for storage. The 1000g split was sent to Acme Vancouver for pulverization and analysis while the reject remained at Whitehorse. The 1000g split was placed in a bar coded envelope and sent to pulverizing where the tolerance is 85% passing 200 mesh using a bowl and puck pulverizer. Screen tests of pulverized material are done at the beginning of every shift and bowls are weighed at the beginning of each shift.

Two analytical methods were routinely completed on each sample pulp at Acme Laboratories, Vancouver; Au fire assay (Acme code G601) and a multi-element aqua regia digest for ultralow concentrations (Acme code 1F04). Concentrations of Au were determined by Pb collection fire assay fusion on a 30g samples (Acme code G601). After fusion the dore bead is digested in HCl and HNO₃ then analyzed for Au with an AA finish. For the 1F04 analytical method a 0.5g sample split was digested using aqua regia and followed with an ICP-MS finish. This supplied low level concentrations of important deleterious and pathfinder elements.

9.5 Quality Control and Data Verification

Quality control and data verification during the drill program was achieved by the use of field standards, blanks and duplicates that were inserted at a rate of 1 in 20 (5%) into each analytical batch of samples. Several commercially available certified reference materials (e.g. standards) were used during the program, all of which were prepared by CDN Resource Laboratories (CDN). The standards included CDN-CGS-23, CDN-GS-2K and CDN-GS-5L. The field blank material consisted of a garden-variety 'grey granite' material from Home Depot. Routine samples were ½ core, and field duplicates were ¼ core, leaving ½ core for future reference in the box in both cases. Additional lab crusher and pulp duplicates were inserted at a rate of 1 in 40 (2.5%).

The following QA/QC logic and failure criteria were used for the Wolf 2013 drilling program:

Rule 1: Standards for Au by the G601 method beyond the mean $\pm$ 3 standard deviation limits were failures (accuracy).

Rule 2: Standards for Au by the G601 method beyond the mean $\pm$ 2 standard deviation limits were failures (bias).

Rule 3: Field blanks that were more than the warning limit, 5x the analytical detection limit (gpt) were failures.

- Analysis of the 2013 drill core resulted in two standard failures, which prompted the re-analysis of 60 samples by Au fire assay (method G601). These samples were from lab jobs WHI13000325 and WHI13000326 (See Appendix VII for drill core assay certificates). The blank failure limit was set at 5 times the analytical detection limit (0.005 gpt Au by G601); therefore the blank failure limit was 0.025 gpt. There were no blank failures during the 2013 core sampling. Check assays were completed at ALS Vancouver. In total, 5% of the routine samples were submitted (n = 43, including two standards to monitor accuracy). Check assay samples were analyzed by the Au-AA23 method, Analytical accuracy of Au by the G601 methods is within acceptable ranges.
- Significant cross-contamination during preparation and assaying has not been detected
- Quarter core field and crusher duplicate data indicate good reproducibility of Au by G601.
- Check assays at ALS indicate good correlation of data between labs.

9.6 Geological Summaries of Drill Hole Logging

The following provides brief geological summaries of each hole drilled in 2013. Drill holes WLF-13-001 through to WLF-13-006 were drilled on the Wolf 4 claim group (Beach zone). Holes WLF-13-007 and WLF-13-008 were drilled on the Wolf 2 claim group (Hailstorm zone). Detailed logs are provided in Appendix IV.

WLF-13-001

WLF-13-001 is a vertical hole that targeted the up-dip extension of an IP chargeability anomaly to the north as well as a prominent soil geochemical anomaly. This drill hole contained two phases of a diorite intrusion beginning in a dark green, medium grained, massive, dominantly equigranular hornblende-biotite diorite. The 'green diorite' is overprinted by pervasive chlorite replacement and silicification; as a result, magmatic grain boundaries are 'fuzzy'. Towards the bottom of the hole, white 'salt and pepper' diorite was intersected. Small dykes of the white, 'salt and pepper' diorite can be seen within the green, and xenoliths of the green diorite within the 'salt and pepper' diorite, indicating a younger magmatic age for the 'salt and pepper' variety. At 79m, the hole intersected a dark to light green plagioclase-hornblende phyric porphyry that is subsequently cut by an intensely silicified monomict breccia. The breccia is matrix-supported with sub-angular clasts of diorite cemented by an intensely altered tourmaline, silica and biotite alteration assemblage (Figure 12). Breccia clasts are selectively altered by patchy sericite, clay and calcite replacing magmatic feldspars. The lower contact of the breccia is clay-rich, and contains 2% disseminated pyrite. Below the breccia, porphyry is intersected again until 100m where the 'salt and pepper' diorite begins.

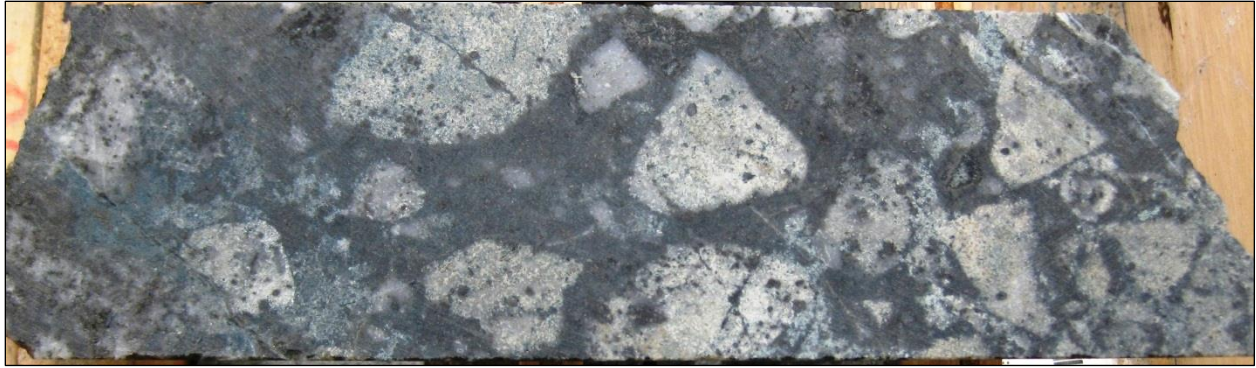


Figure 12: Matrix-supported, monomict breccia. Breccia matrix is intensely altered to biotite-quartz-tourmaline assemblage and subangular clasts of diorite are selectively altered to clay.

The hole is cut by five prominent generations of veins: 1) early, rare, smoky grey, quartz veins with trace pyrite and molybdenite. 2) weak to strong quartz-tourmaline-(molybdenite-chalcopyrite-pyrite) veins and stringers, planar to locally stockwork with white quartz-potassium feldspar selvages cutting (earlier?) pale brown biotite-sericite selvages (Figure 13) 3) quartz-chlorite (pyrite-chalcopyrite-molybdenite) veinlets 4) smoky white, planar aplite veins with fine disseminated sulphides mutually cross-cutting qtz-tou sulphide veins 5) strong to moderate, carbonate +/- hematite veins, planar to locally stockwork cutting all alteration assemblages. Pervasive chlorite +/- epidote and silica alteration along with quartz-chlorite veinlets and disseminated pyrite are widespread throughout the hole. Beginning at 132.3 m, the frequency of quartz-tourmaline veins increases. They are orientated sub-parallel to the core axis and have sericite and irregular epidote selvages.

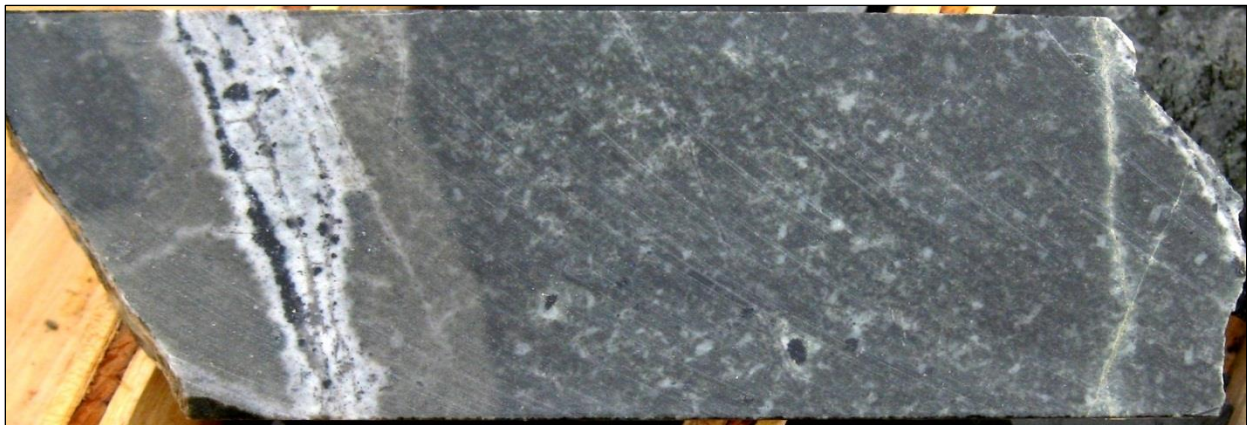


Figure 13: Green diorite with pervasive chlorite alteration cut by pale brown bio-ser selvage, overprinted by qtz-tou-(mol-cpy) veinlets with white qtz-ksp (?) selvage.

The main sulphides in this hole were pyrite, chalcopyrite and molybdenite and they are found predominantly in association with quartz-tourmaline veins with selvages of brown sericite-biotite and irregular epidote as well as quartz-chlorite veins/stockwork. Trace disseminated pyrite is generally found throughout the hole as well as on fracture surfaces. Aplites veins occasionally host chalcopyrite and molybdenite; orientations of the aplites veins range from perpendicular to core axis to high angle to core axis with no selvages. Patchy zones with weak magnetism were found near the top of the hole from 24.8-33 metres.

WLF-13-002

WLF-13-002 is a vertical hole targeting a chargeability anomaly at depth that dips towards the north. This hole is collared in diorite. The diorite is medium-grained and variably colored from light to medium grey-green due to alteration surrounding vein systems and fault zones. Diorite is intersected throughout the entire hole (222.5m), with the exception of three intervals of fine-grained, mafic intrusive rock interpreted to be lamprophyre dykes at 50.5-54.1 m, 58.1-61.4 m, and 161.4-163.5 m. The top 60 metres of the hole is heavily fractured and oxidized.

Alteration is highly variable and usually proximal to faults and vein structures with the most intense alteration being sericite and chlorite associated with the large faults and fault shoulder zones between 19.5 and 61.4 metres. Sericite is also the dominant alteration mineral between 100 and 150 metres correlating with a 3-5% pyrite zone. Weak pervasive carbonate alteration is noted between 85 and 125 metres. Notable quartz-tourmaline $\pm$ pyrite veining with sericite (+/- biotite) alteration selvages which were disproportionately wide compared to the millimeter-scale veinlets.

The best mineralization is encountered between 105.9 to 114.8 metres with 3-5% disseminated and stringer pyrite, and from 114.8 –123.6 metres with 5% disseminated and stringer pyrite. Fault shoulder zones are variably pyritic. Very minor chalcopyrite and molybdenite is locally noted in narrow veins or finely disseminated over narrow intervals (less than 1 metre). The diorite below the mineralized zone described above is poorly mineralized with trace disseminated pyrite or pyrite restricted to narrow stringer zones.

WLF-13-003

WLF-13-003 targeted sub-cropping mineralized diorite and was drilled toward the east at -50°. The hole was collared in diorite and drilled through both green and salt and pepper phases along with feldspar porphyry dyke and calcite-rich dyke (lamprophyre?) until 47.3 metres. The feldspar porphyry is comprised of a fine-grained, green matrix with plagioclase and chloritized mafic phenocrysts with gradational contacts with the diorite. A complex silicified breccia was intersected from 47.3 metres to the end of the hole (202.7 metres). The breccia showed strong, pervasive quartz-biotite alteration with matrix-supported, moderately rounded diorite clasts.

Alteration is variable through the diorite but is predominantly pervasive chlorite and silica alteration. The division between the overlying diorite and the silica breccia is a major fault with strong fault gouge and breccia. The breccia and surrounding rocks display varying amounts of brown biotite alteration and in some cases pink potassium feldspar alteration.

Mineralization is confined to the diorite and feldspar porphyry at the top of the hole. All of the sulphides have an affinity for more mafic and chloritic intervals and have up to 5% chalcopyrite in narrow, <20cm zones. Intensely silicified intervals of the intrusive units do not host more than trace amounts of pyrite, chalcopyrite and molybdenite. Molybdenite is commonly found in silica veins of either quartz or pink-grey aplite veins (Figure 14). Quartz-chalcopyrite veins and veinlets are relatively

common and preferentially cut the diorite, however they are also observed cutting the porphyry. Only trace, spotty pyrite mineralization was observed in the silicified breccia.



Figure 14: Plagioclase-phyric porphyry with pervasive chlorite alteration and disseminated pyrite-(chalcopyrite-molybdenite). The porphyry is cut by an aplite vein with disseminated chalcopyrite and molybdenite.

WLF-13-004

WLF-13-004 is a vertical hole that targeted the resistivity anomaly and breccia body. The upper section of the drill hole to a depth of 73 metres is entirely in green diorite. The diorite becomes increasingly fractured, faulted and altered and is then followed by a mixture of Finlayson meta-sedimentary and meta-volcanic rocks which have all undergone significant alteration to a depth of 102 metres. The Finlayson rocks are interpreted to be rafts or blocks which have been stoped off by the intrusive diorite. A short interval of diorite is then followed by younger, megacrystic feldspar porphyry which contains xenoliths of Finlayson rocks near both the upper and lower contacts. The feldspar porphyry is intersected between 111 and 142 metres depth. Below the porphyry to the end of the hole (196.6 metres) salt and pepper diorite is intersected, only interrupted by a lamprophyre dyke from 170 to 174 metres.

Alteration is highly variable throughout the upper portion of the hole, dominantly silica, to the contact with the feldspar porphyry at 102 metres. The feldspar porphyry is consistently silicified over the entire length. The lower salt and pepper diorite has a unique silica-magnetite alteration zone from 179 – 191 metres, which correlates with elevated pyrite content.

Mineralization is very limited throughout the drill hole, but elevated pyrite content is clustered in zones of increased magnetite concentration, from 60 to 70 metres and 174 to 191 metres depth.

WLF-13-005

This hole was drilled vertically and targeted a chargeability anomaly in the southeastern corner of the claim group. The hole was drilled entirely in Finlayson, meta-sedimentary rocks ranging from quartz-biotite schist, chlorite schist to gneiss and augen gneiss with the exception of two narrow, altered porphyry dyke intersections at 133.8, 147.1 and 157.2 metres. The porphyry is light green with plagioclase and hornblende phenocrysts, and pervasive carbonate and sericite alteration. Porphyry

intersections were 10cm, 200cm and 18cm in width. This porphyry strongly resembles the porphyry unit encountered at the top of WLF-13-001. Numerous carbonate breccia veins of various widths cut the Finlayson unit from 29.6 to 222.3 metres with clasts of sub-angular, mafic meta-sediments. Interbedded carbonaceous layers are also encountered in schist throughout the hole starting at a depth of 90 metres.

The majority of the hole cut relatively fresh, unaltered Finlayson rocks. Limonite is found on fractures and as stringers up until 102 metres and as replacement of pyrite throughout the hole. One zone, from 55.2 to 62.2 metres, has moderate chlorite after biotite and patchy epidote with weak silicification. At 181.4 to 181.8 metres and 211.3 to 211.5 metres, short, strongly altered zones were overprinted by brown and blue mottled texture consisting of patchy brown biotite (?) and replacement chlorite along with a black, acicular mineral. Stockwork calcite veins are also found throughout the hole ranging in intensity from weak to strong, and are locally brecciated. The porphyry dykes that cross-cut the Finlayson unit have strong pervasive carbonate alteration as well as clay and sericite replacement.

Mineralization in this hole consists predominantly of pyrite and begins in trace amounts at 52.4 metres. Up to 8% pyrite is found within biotite-rich laminations parallel to foliation within the schist and up to 5% pyrite as stringers. The depth to pyrite mineralization is coincident with the chargeability anomaly from the IP survey. At 176.5 metres, a silver, metallic sulphide (arsenopyrite?) is observed and again at 189.6, 191.7, 195.6 and 228.4 metres in quartz stringers and disseminations (trace). A large, 7 mm-long subhedral 'lath' of the silver sulphide (arsenopyrite?) was noted at 228.4 metres.

WLF-13-006

WLF-13-006 was drilled at an azimuth of 315 degrees with a dip of -50 degrees in order to target the contact between the silicified breccia and green diorite body. This hole was drilled entirely in bleached, light green to white, clast supported, polymict breccia with clasts of schist, diorite and porphyry. The clasts are generally sub-angular and ranged in size from centimeter scale to meter long intervals. Due to the variety of primary lithologies and resulting alteration textures, the overall color and texture of the breccia is patchy. The hole was shut down before the diorite contact was intersected due to mechanical difficulties. A hole drilled from north to south would likely have better success intersecting the contact.

Strong to complete destruction of the primary breccia texture is observed throughout this hole due to intense alteration. Strong propylitic alteration is observed as chlorite and epidote replacement of mafic and felsic sites as well as epidote clots throughout the hole. Strong phyllic alteration is also present throughout the hole as sericitization of feldspars and pervasive silicification which strongly overprints all assemblages. As a result, mineral grains are difficult to distinguish. From 48.6 to 64.9 metres, strong pervasive iron carbonate alteration and a moderate, pyrolusite stockwork overprints the silica alteration giving the rock a distinct orange and black color. From 81.1- 91 metres, a zone resembling that from WLF-13-004 at approximately 105.5 metres is encountered, with patchy/mottled, dark and light green, intense alteration with complete destruction of primary textures. This zone also contains clots of epidote-chlorite-calcite with rusty pyrite. Veining throughout the hole includes stockwork carbonate veins, planar to stockwork chlorite veins and planar quartz-tourmaline veins. Late stockwork carbonate

veining cross-cuts all fabric and is generally associated with irregular epidote and chlorite selvage. Patchy epidote is also found as selvages on quartz-tourmaline veins.

In general, the hole contains trace amounts of pyrite as rusty, disseminated blebs. Locally, limonite $\pm$ pyrite blebs increase to 0.5%.

WLF-13-007

WLF-13-007 targeted sheeted, mineralized quartz veins on the Hailstorm zone and was drilled at -50° to the north. The hole was drilled entirely in grey, coarse grained, hornblende-biotite to biotite-hornblende granodiorite. Plagioclase megacrysts (up to 1x3 cm) are encountered throughout the hole and become more frequent at 160.8 metres, where the texture tends towards crowded plagioclase-phyric porphyry with a fine, dark grey groundmass. Quartz-chlorite veinlets and stringers are found throughout the hole along with lesser quartz-only veins. Both vein types are observed in the same orientation for length of the hole. Late carbonate veins which cut the aforementioned veins, are found intersecting the core axis in two prominent orientations: 30-40° and 10-15°. Aplite dykes, which are light pink in color, cut the granodiorite at 31 metres and 85 metres. These dykes are in the same orientation as mineralized veins, however no mineralization was observed in the aplites.

Limonitic intervals are encountered from the top of this hole until 49.9 metres and range from pervasive to fracture-hosted. Zones of patchy to locally pervasive sericite are encountered throughout the hole. Sericite can also be found as strong selvages on planar calcite veins (approximately 30° to core axis) and select qtz-chl veinlets from approximately 105.9 – 124 metres. Weak to moderate chlorite is commonly found replacing primary mafic minerals throughout the hole and increases intensity in zones of pervasive sericitization as well as strongly fractured intervals. Potassium feldspar is found altering plagioclase from 50 – 58 metres and 124 - 143.3 metres, directly following or coincident with dense, sheeted mineralized veins (coincident with sheeted veins from 125 - 130 metres) giving the rock a pink color. Potassium feldspar alteration was also observed from 92 – 100 metres as selvages on calcite-sericite $\pm$ chlorite veins. These feldspar selvages tended to have the white feldspar (albite?) within them as well. The white feldspar selvages were usually irregular or discontinuous and observed on all vein compositions, but were not consistently present.

Mineralization in this hole is hosted entirely in quartz-chlorite and lesser quartz-only veins beginning at 13.6 metres. In general, chalcopyrite and pyrite are found within quartz-chlorite veinlets while molybdenite is often present within quartz-only veins/veinlets. Prospective intervals with up to 10% sheeted quartz-chlorite and quartz-only veins include 43.3 - 46.6, 62.7 - 92.6 and 125.3 - 132.7 metres. Mineralization is often present within very thin, hairline veinlets that are difficult to identify in core and often occur in relatively fresh, un-altered sections of granodiorite.

WLF-13-008

WLF-13-008 targeted sheeted, mineralized quartz veins and was drilled at a dip of -50° to the north. The entirety of this hole was drilled in grey to green/blue, medium- to coarse-grained hornblende-biotite granodiorite. The entire hole has been cut by two generations of carbonate veins: 10-15° to core axis

and 30-40° to core axis. Aplite dykes (and micro-granodiorite dykes) up to 8 cm wide cross-cut the granodiorite at 72.8, 134.8, 161.7, 184.2, 197.8 and 202.2 metres. The aplites are in the same orientation as sheeted, mineralized veins but were not found to host any sulphides. Trace, fine grained diorite xenoliths were also observed throughout the hole.

Intervals of blueish-green sericite is commonly found replacing felsic sites and as selvages around carbonate veins. Very minor chlorite replacement of mafic sites can be found in intervals of fairly fresh rock. Chlorite alteration intensity increases in zones of strong pervasive sericite alteration. A 22-metre long interval of strong, patchy to pervasive sericite and chlorite alteration with crumbly, fractured core was intersected from 137.2 - 159.4 metres; no quartz veins were observed in this interval. From 23.9 metres, white irregular feldspar selvages were present on select intervals of sheeted quartz and quartz-chlorite veins. The frequency of these selvages increases between approximately 115 - 137.2 metres. Alteration halos of pink potassium feldspar were also observed throughout the hole, generally with carbonate veins sub-parallel (10-15 °) to the core axis.

Sheeted quartz veins (generally less than 5 mm wide) along with lesser quartz-chlorite veins were found from 20.6 metres and continued throughout the hole in association with zones of fresh granodiorite. The veins were found to carry up to 1% molybdenite and trace chalcopyrite and pyrite. From 83.7 - 127.6 metres, up to 5-10% sheeted veins were observed and continued in trace amounts until 137.2 metres where they died out in conjunction with a zone of sericite and chlorite alteration until 160 metres. From 160 - 165 metres, up to 10% sheeted quartz veins were observed with trace chalcopyrite, pyrite and molybdenite. This interval was then followed by another zone of sericite and chlorite alteration until 189.4 metres which was subsequently followed by fresh granodiorite with weak sheeted quartz and quartz-chlorite veins. These veins were predominantly quartz with trace molybdenite and lesser chalcopyrite and were spaced 1/20 cm until the end of hole at 198.3 metres.

9.7 Summary of Assay Results

Significant intercepts of Au-Cu-Mo mineralization from the 2013 diamond drilling program are given in Table 4. Assay certificates for drill core samples are contained in Appendix VII.

Drill holes resulting in the most significant gold intercepts were WLF-13-001 (100.2m @ 0.25 g/t Au, including 6.1m @ 0.8 g/t Au) and WLF-13-003 (44m @ 0.68 g/t Au, including 21.3m @ 1.1 g/t Au). Anomalous gold intercepts are generally hosted by (or proximal to) the green diorite or porphyry dykes. Out of the significant intersections encountered in WLF-13-001 and WLF-13-003, two were hosted in plagioclase porphyry dykes including 6.1 m at 0.8 g/t Au and 21.3m at 1.1 g/t Au, respectively. Both holes show a strong positive correlation of gold to copper and molybdenite.

Hole WLF-13-002 intersected diorite; however pyrite was the only significant sulphide. As a result, only spotty anomalous gold was intersected.

Hole WLF-13-005 was targeting the chargeability anomaly in the southeast corner of the geophysical grid from 2012. This hole intersected Finlayson metamorphic rocks with the exception of three short

intervals of porphyry dyke. Pyrite was the only sulphide observed and no significant gold or corresponding metal geochemistry was noted.

WLF-13-007 and WLF-13-008 were drilled on the Hailstorm zone, and did not result in intercepts of anomalous gold. Assays returned slightly elevated molybdenum values in WLF-13-007, and elevated bismuth and tungsten in WLF-13-008 (compared to the Beach drill holes).

Hole ID	Interval		Length (m)	Au (g/t)	Cu (ppm)	Mo (ppm)	Zone
	From (m)	To (m)					
WLF-13-001	2.6	102.8	100.2	0.25	198	14.5	Beach
<i>including</i>	2.6	22	19.4	0.30	153	33.5	
	39.6	82	42.4	0.22	231	14	
	88.4	94.9	6.1	0.8	457	13	
<i>entire hole</i>	2.6	237.4	234.7	0.19	165	15.9	
WLF-13-002	40.8	45.7	4.9	0.31	20	2.4	Beach
<i>and</i>	132.6	139	6.4	0.20	82	5.9	
WLF-13-003	2.7	47	44.3	0.68	597	53.1	Beach
<i>including</i>	2.7	24	21.3	1.1	1003	70.7	
<i>and</i>	110	151	41	0.47	69.6	22.3	
	153.7	190	36.3	.29	31.2	25.2	
<i>entire hole</i>	2.7	202.7	200	0.39	184	28.2	
WLF-13-004	68.1	105	36.9	0.10	160	4.6	Beach
WLF-13-006	62.6	98.9	36	0.14	14	5	Beach
<i>including</i>	84.9	98.9	14	0.24	5	9	

Table 4: Significant intercepts of Au, Cu and Mo Mineralization from Drill Holes Completed in 2013

Diamond drill hole strip logs can be found in Appendix V.

10.0 INTERPRETATION AND CONCLUSIONS

The 2013 exploration program on the Wolf property further defined anomalous occurrences of gold and associated elements that were identified by Teck during the 2011 and 2012 field program. The Beach zone on Wolf 4 returned anomalous gold, copper, and molybdenite values in drill core which warrant further investigation. The Hailstorm zone on Wolf 2 returned low level values not indicative of an economic gold deposit. The following sections discuss the conclusions for each zone in more detail.

Soil Geochemical Sampling

Soil sampling was conducted solely on the Wolf 4 claim group in 2013 for the purpose of determining the extent of the anomalous gold footprint revealed from previous sampling campaigns in 2011 and 2012. The results from 2013 are interpreted to close off the anomalous footprint to the west, northwest and the south resulting in an area of approximately 1600 metres long (trending SW-NE) x 750 metres wide.

Diamond Drilling

Diamond drilling on the Beach zone in 2013 has provided further evidence for the presence of a magmatic hydrothermal gold-copper-molybdenite system on the Wolf 4 claim group. Diamond drilling on the Hailstorm zone (Wolf 2 claim group), does not support the presence of a sizeable economic gold deposit. The results for each claim group are summarized below.

Hailstorm Zone

In general, thin and hairline sheeted quartz-chlorite and lesser quartz-only veins up to 10% with trace trace sulphides were observed during the 2013 drilling program on Hailstorm. Rare wall rock alteration was observed associated with the sheeted veining including sericite and potassium feldspar replacement of plagioclase. In general, trace molybdenite was associated with quartz-only veinlets while quartz-chlorite veinlets tended to host trace amounts of pyrite and chalcopyrite +/- molybdenite. Sheeted, mineralized quartz veins, rare wall rock alteration and low sulphide content coincident with molybdenite and bismuth is characteristic of reduced-intrusion related mineralization; however, the results from the 2013 drilling at Hailstorm were not indicative of economic gold concentrations. No significant change was noted in the granodiorite between the resistive and non-resistive contact steeply dipping to the south that was revealed from the 2012 induced polarization survey.

A proximal zone of elevated Bi-(Au) in soils to the north of Hailstorm remains untested by drilling.

Beach Zone

Drilling completed to date on the Beach zone has provided additional geologic data pertaining to possible economic mineralization, but has not established a complete test for mineralization in the area.

The target is interpreted to be a complex magmatic-hydrothermal system that is related to the emplacement of porphyry dykes and hydrothermal breccia within the diorite unit. Two phases of diorite have been identified: (1) a fine- to medium-grained, green hornblende-biotite diorite, and (2) a medium grained, black and white 'salt and pepper' hornblende-biotite diorite. Both phases are interpreted to belong to the Nisling Range batholith with the 'salt and pepper' diorite being slightly younger. The plagioclase-phyric porphyry dykes likely do not represent a genetically different intrusion but rather a later pulse of the diorite, based on observations of gradational boundaries between the porphyry and diorite in drill core. Both diorite phases and porphyry dykes host disseminated to veinlet- and stockwork-hosted pyrite-(chalcopyrite-molybdenite) mineralization associated with three dominant vein types: (1) quartz $\pm$ chlorite veinlets, (2) planar aplite veins/dykes, and (3) late, quartz-tourmaline veins with quartz-sericite-pyrite $\pm$ biotite alteration selvages and earlier, quartz-potassium feldspar selvages. Quartz $\pm$ chlorite-sulphide veinlets and aplite veins cut the porphyry and diorite as well as mutually cross-cut one another. This suggests that aplite veins may be related to the main gold mineralization phase.

Bordering the diorite at surface to the north and south is a moderately to intensely bleached and silicified monomict to polymict breccia with milled clasts of meta-volcanics, diorite and porphyry. Mineralization has shown a spatial relationship to the contact between the diorite and silicified breccia with abundant chalcopyrite and molybdenite locally noted in holes WLF-13-001 and WLF-13-003 along the contact. These holes intersected significant gold intercepts of 100.2m @ 0.25 g/t Au (including 6.1m @ 0.8g/t) and 44m @ 0.68g/t Au (including 21.3m @ 1.1 g/t Au), respectively. Anomalous gold values show a strong positive correlation to copper and molybdenum with locally abundant chalcopyrite and molybdenite observed in drill core. Further investigation by diamond drilling along the prospective corridor associated with both the breccia - diorite contact and the occurrence of porphyry dykes is warranted.

In general, anomalous gold mineralization appears to be related to porphyries and green diorite with moderate silicification and pervasive chlorite alteration in association with quartz-chlorite-(pyrite-chalcopyrite) veinlets and disseminated pyrite-chalcopyrite-molybdenite. This may suggest a background concentration of the porphyries and green diorite that is rich in iron. Drill hole WLF-13-002 was drilled in a chargeable body to the north of WLF-13-001 and WLF-13-003; however, this hole only intersected pyrite. This chargeability anomaly may represent a pyrite shell that is surrounding a central Au-Cu-Mo mineralized core.

The chargeability anomaly in the southeastern area of the 2012 survey grid was found to be Yukon Tanana schist and gneiss with up to 8% pyrite concentrated within mafic, biotite laminations parallel to foliation and up to 5% as stringers. The depth to pyrite mineralization is coincident with the chargeability anomaly from the IP survey. There were no resulting anomalous values of gold or related elements from the drill core sampled. This chargeability anomaly is not prospective for further exploration.

11.0 RECOMMENDATIONS

Drilling results from the Beach zone on Wolf 4 indicate vectors towards additional gold-copper-molybdenite mineralization. It is recommended that further investigation by drilling be undertaken. Additional holes should be step-outs from current holes towards the prospective corridor along the diorite and breccia contact as well as target the occurrence of porphyry dykes along the western and central area of the claim group.

Follow up sampling and detailed prospecting/mapping is also recommended on areas with anomalous gold and metals in soil throughout the Wolf property revealed through Teck's work in 2011 and 2012 including the Big Bend and Peak zones, along with other poorly defined soil anomalies that require further investigation.

12.0 REFERENCES

Berg, A., Farmer, R., 2011. Assessment report on the 2011 Geochemical Sampling and Prospecting on the Wolf Property, WOLF 1-378, WOLF 387-414, WOLF 427-446, WOLF 451-460, WOLF 461-506, WOLF 509-708, WOLF 709-1062, Whitehorse Mining District, Yukon Territory, for Teck Resources Limited.

Berg, A., Liebrecht, E., 2012. Assessment report on the 2012 Geochemical Sampling, Geological Mapping and Ground Geophysics on the Wolf Project, WOLF 1-378, WOLF 387-414, WOLF 427-446, WOLF 451-460, WOLF 461-506, WOLF 509-708, WOLF 709-1062, WOLF 1095-1099, WOLF 1106-1678, WOLF 1679-1786, Whitehorse Mining District, Yukon Territory, for Teck Resources Limited.

Murphy, D., 2011. New mineral exploration opportunities highlighted by new geoscience data, Stevenson Ridge and northern Kluane Lake areas, southwestern Yukon. Cordilleran Roundup poster.

Murphy, D., Escayola, M., van Staal, C., McLelland, B., Moretensen, J., Friedman, R., 2011. Ophiolitic complexes of western Yukon: age, geochemical character, geological setting, terrane correlation and metallogeny. Yukon Geoscience Forum poster.

APPENDIX I

STATEMENT OF QUALIFICATIONS

Statement of Qualifications

I, Andrea Berg, BSc., certify that:

1. I am a Project Geologist currently employed by Teck Resources Limited, Suite 3300, 550 Burrard Street, Vancouver, British Columbia, V6C 0B3 (business phone 604-699-4402).
2. I graduated from the University of Alberta in Edmonton, Alberta, Canada with a Bachelor of Science Degree in Geology in 2008 and have been practicing my profession in Canada since that time.
3. I supervised the 2013 field exploration program on the Wolf Project, and I was on the property for extended periods during the 2013 field exploration program.
4. I am responsible for the preparation of this report, and that data contained in this report, and interpretations drawn from it, are true and accurate to the best of my knowledge.



Andrea Berg, B.Sc.

Dated June 17, 2014
at Vancouver, British Columbia

Statement of Qualifications

I, Erin Liebrecht, BSc., certify that:

1. I am a Geologist employed on a contract basis by Teck Resources Limited, Suite 3300, 550 Burrard Street, Vancouver, British Columbia, V6C 0B3 (business phone 604-699-4400).
2. I graduated from the University of Calgary in Calgary, Alberta, Canada with a Bachelor of Science Degree in Geology in 2009 and have been practicing my profession in Canada since that time.
3. I participated in the 2013 field exploration program on the Wolf Project, and I was on the property for extended periods during the 2013 field exploration program.
4. I contributed to the preparation of this report, and that data contained in this report, and interpretations drawn from it, are true and accurate to the best of my knowledge.



Erin Liebrecht, B.Sc.

Dated March 26, 2014
at Whitehorse, Yukon Territory

APPENDIX II

STATEMENT OF EXPENDITURES

Wolf 2: Statement of Expenditures

Exploration Work type	Comment	Days			Totals
Personnel		Days	Rate	Subtotal	
Geologist 1		27	\$537.09	\$14,501.39	
Geologist 2		17	\$527.79	\$8,972.49	
Geologist 3		9	\$465.58	\$4,190.22	
Field Assistant 1		13	\$276.82	\$3,598.72	
Field Assistant 2		15	\$238.67	\$3,580.12	
Field Assistant 3		5	\$347.33	\$1,736.63	
GIS Support		4	\$463.61	\$1,854.43	
QA/QC Support		1	\$491.43	\$491.43	
Cook 1		10	\$576.15	\$5,761.50	
Cook 2		3	\$438.46	\$1,315.38	
Cook Helper		4	\$421.65	\$1,686.60	
				\$47,688.89	\$47,688.89
Drilling		No.	Rate	Subtotal	
Drill Pad Construction	Invoiced			\$11,000.13	
382.5 m Diamond Drilling (2 holes)	Invoiced; includes meterage rate, consumables, labour rates, mob/de-mob			\$48,150.88	
Core Samples	205 core samples (assay costs)	205	\$38.70	\$7,933.50	
				\$67,084.50	\$67,084.50
Transportation		No.	Rate	Subtotal	
Commercial airline flights		0.23	\$12,900.89	\$2,999.35	
Helicopter	48.8 flight hours	48.8	\$1,653.75	\$80,703.00	
Fuel	Invoiced			\$11,854.11	
Expediting Services	Invoiced	0.23	\$16,635.00	\$3,867.50	
				\$99,423.96	\$99,423.96
First Aid Services		No.	Rate	Subtotal	
On-site medic, First Aid supplies	Invoiced	0.23	\$51,112.79	\$11,883.30	
				\$11,883.30	\$11,883.30
Accommodation & Food		No.	Rate	Subtotal	
Hotel, cabin and tent rentals		0.23	\$87,258.43	\$20,286.86	
Groceries, meals		0.23	\$21,009.86	\$4,884.62	
				\$25,171.47	\$25,171.47
Equipment		No.	Rate	Subtotal	
Fuel tanker rental	On-site fuel tanker for jet fuel	0.23	\$20,500.00	\$4,766.08	
Mobile Treatment Centre rental	First aid mobile vehicle	0.23	\$3,800.00	\$883.47	
Field Gear	Safety and first aid gear, sampling and prospecting gear and supplies.	0.23	\$40,211.20	\$9,348.77	
Telecommunications	Radios, satellite phones	0.23	\$18,372.89	\$4,271.54	
Rental Vehicles	Crew trucks, rental cars	0.23	\$6,216.41	\$1,445.26	
				\$20,715.12	\$20,715.12
TOTAL Expenditures					\$271,967.25

*Note: Some rates have been calculated as a percentage of the overall 2013 exploration costs, which were shared between the Wolf and Bear Projects (23% applied to the Wolf 2 claims)

Wolf 4: Statement of Expenditures

Exploration Work type	Comment	Days			Totals
Personnel		Days	Rate	Subtotal	
Geologist 1		77	\$537.09	\$41,355.81	
Geologist 2		48	\$527.79	\$25,334.08	
Geologist 3		24	\$465.58	\$11,173.91	
Field Assistant 1		35	\$276.82	\$9,688.85	
Field Assistant 2		43	\$238.67	\$10,263.00	
Field Assistant 3		13	\$347.33	\$4,515.23	
GIS Support		10	\$463.61	\$4,636.07	
QA/QC Support		2	\$491.43	\$982.87	
Cook 1		29	\$576.15	\$16,708.35	
Cook 2		8	\$438.46	\$3,507.69	
Cook Helper		10	\$421.65	\$4,216.50	
				\$132,382.36	\$132,382.36
Drilling		No.	Rate	Subtotal	
Drill Pad Construction	Invoiced			\$33,000.38	
1240.6 m Diamond Drilling (6 holes)	Invoiced; includes meterage rate, consumables, labour rates, mo			\$165,611.75	
Core Samples	652 core samples	652	\$38.70	\$25,232.40	
				\$223,844.53	\$223,844.53
Soil Sampling		No.	Rate	Subtotal	
Soil samples	127 soil samples	127	\$32.68	\$4,150.36	
				\$4,150.36	\$4,150.36
Transportation		No.	Rate	Subtotal	
Commercial airline flights		0.65	\$12,900.89	\$8,364.99	
Helicopter	136.1 flight hours	136.1	\$1,653.75	\$225,075.38	
Fuel	Invoiced			\$33,500.75	
Expediting Services	Invoiced	0.65	\$16,635.00	\$10,786.20	
				\$277,727.32	\$277,727.32
First Aid Services		No.	Rate	Subtotal	
On-site medic, First Aid and Safety su	Invoiced	0.65	\$51,112.79	\$33,141.74	
				\$33,141.74	\$33,141.74
Accommodation & Food		No.	Rate	Subtotal	
Hotel, cabin and tent rentals		0.65	\$87,258.43	\$56,578.72	
Groceries, meals		0.65	\$21,009.86	\$13,622.88	
				\$70,201.59	\$70,201.59
Equipment		No.	Rate	Subtotal	
Fuel tanker rental	On-site fuel tanker for jet fuel	0.65	\$20,500.00	\$13,292.28	
Mobile Treatment Centre rental	First aid mobile vehicle	0.65	\$3,800.00	\$2,463.94	
Field Gear	Safety and first aid gear, sampling and prospecting gear and supplies.	0.65	\$40,211.20	\$26,073.10	
Telecommunications	Radios, satellite phones	0.65	\$18,372.89	\$11,913.06	
Rental Vehicles	Crew trucks, rental cars	0.65	\$6,216.41	\$4,030.75	
				\$57,773.12	\$57,773.12
TOTAL Expenditures					\$799,221.01

*Note: Some rates have been calculated as a percentage of the overall 2013 exploration costs, which were shared between the Wolf and Bear Projects (65% applied to the Wolf 4 claims)

APPENDIX III

DOWNHOLE SURVEY MEASUREMENTS

HOLEID	DEPTH_m	Method	CORE_SIZE	Azimuth	Azimuth (corr)	Dip
WLF-13-001	3.05	RefEZshot	NTW	282.9	303.9	-87.9
WLF-13-001	35	RefEZshot	NTW	273.1	294.1	-87.9
WLF-13-001	85	RefEZshot	NTW	277.7	298.7	-87.7
WLF-13-001	135	RefEZshot	NTW	252.9	273.9	-88.4
WLF-13-001	185	RefEZshot	NTW	269.3	290.3	-88.4
WLF-13-001	234.7	RefEZshot	NTW	268.6	289.6	-88
WLF-13-002	3.05	RefEZshot	NTW	208.2	229.2	-89.7
WLF-13-002	22	RefEZshot	NTW	168	189	-89.3
WLF-13-002	72	RefEZshot	NTW	203.6	224.6	-89.5
WLF-13-002	122	RefEZshot	NTW	193.9	214.9	-89
WLF-13-002	172	RefEZshot	NTW	162.2	183.2	-89.5
WLF-13-002	222	RefEZshot	NTW	207.3	228.3	-89
WLF-13-003	0	RefEZshot	NTW	72.2	93.2	-49.7
WLF-13-003	52.5	RefEZshot	NTW	72.3	93.3	-48.8
WLF-13-003	102.5	RefEZshot	NTW	73	94	-47.5
WLF-13-003	152.5	RefEZshot	NTW	74.3	95.3	-46.5
WLF-13-003	202.5	RefEZshot	NTW	76.1	97.1	-45.5
WLF-13-004	0	RefEZshot	NTW	317.7	338.7	-88.6
WLF-13-004	46	RefEZshot	NTW	255.8	276.8	-89.3
WLF-13-004	96	RefEZshot	NTW	291.8	312.8	-89.2
WLF-13-004	146	RefEZshot	NTW	238.9	259.9	-89.3
WLF-13-004	196	RefEZshot	NTW	243.8	264.8	-89.1
WLF-13-005	0	RefEZshot	NTW	149.7	170.7	-89.5
WLF-13-005	33	RefEZshot	NTW	217.7	238.7	-89.5
WLF-13-005	83	RefEZshot	NTW	17.8	38.8	-89.3
WLF-13-005	133	RefEZshot	NTW	78.9	99.9	-88.9
WLF-13-005	183	RefEZshot	NTW	82.9	103.9	-88.6
WLF-13-005	233	RefEZshot	NTW	90.6	111.6	-88.4
WLF-13-006	0	RefEZshot	NTW	294	315	-50.4
WLF-13-006	30	RefEZshot	NTW	293.5	314.5	-50.1
WLF-13-006	80	RefEZshot	NTW	295.2	316.2	-50.3
WLF-13-006	130	RefEZshot	NTW	295.3	316.3	-50
WLF-13-007	0	RefEZshot	NTW	360*		-50
WLF-13-007	30	RefEZshot	NTW	340.5	361.5	-50.2
WLF-13-007	80	RefEZshot	NTW	339.5	360.5	-50.6
WLF-13-007	130	RefEZshot	NTW	340.7	361.7	-50.2
WLF-13-007	179.8	RefEZshot	NTW	342.5	363.5	-49.5
WLF-13-008	2	RefEZshot	NTW	338.6	359.6	-50.4
WLF-13-008	52	RefEZshot	NTW	338.9	359.9	-50.1
WLF-13-008	102	RefEZshot	NTW	339.3	360.3	-50.2
WLF-13-008	152	RefEZshot	NTW	338.9	359.9	-50
WLF-13-008	202	RefEZshot	NTW	339.3	360.3	-50.2

*Missed shot at collar; planned azimuth and dip recorded here)

Note: Magnetic declination of 21 degrees used for corrections

APPENDIX IV

2013 DRILL LOGS

Project	WLF	UTM_E*	580990.00	Survey Details			
Hole ID	WLF-13-001	UTM_N*	6875204.00	Depth (m)	Azimuth	Dip	
Target	Beach	Elevation	1409.00	3.05	303.9	-87.9	
Depth (m)	234.7	Start Date	7/19/2013	35	294.1	-87.9	
Type	Diamond	End Date	7/22/2013	85	298.7	-87.7	
Azimuth	303.9	Logged By	EL	135	273.9	-88.4	
Dip	-87.9	Drilled By	Kluane	185	290.3	-88.4	
Core Size	NTW			234.7	289.6	-88	

*coordinates in NAD83 UTM 7N.

From (m)	To (m)	Rock Code						
Lithological Description			Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
0	2.6	OVB						
Overburden (3.05 metres of casing)								

From (m)	To (m)	Rock Code	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		Lithological Description						
2.6	13.72	NR_Diorite	2315001	2.6	4	0.18	20.20	160.21
		<i>Medium grained, massive, dominantly equigranular hbl-bio diorite; texture locally overprinted by alteration, locally porphyritic with 1-2mm phenocrysts which are moderately altered to chlorite and/ser (Green diorite)</i>	2315002	4	6	0.24	19.96	183.14
			2315003	6	7.62	0.29	103.29	76.65
			2315004	7.62	9.5	0.47	93.29	183.71
			2315005	9.5	12	0.26	23.92	119.09
			2315007	12	13.72	0.36	14.30	61.88
		Alteration						
2.6	13.72	1)weak planar sub horizontal grey qtz veins/aplites ? 2) qtz-tour veins 3) carbonate veins paragenesis from 2.6m to 60m						
		Mineralization						
9.4	9.6	5% diss, blebby pyrite						
13.72	16.2	NR_Diorite	2315008	13.72	16.2	0.40	23.91	122.47
		<i>Fault gouge</i>						

From (m)	To (m)	Rock Code	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		Lithological Description						
16.2	31.9	NR_Diorite	2315009	16.2	18	0.17	14.75	221.73
		<i>Medium grained, massive, dominantly equigranular hbl-bio diorite; texture locally overprinted by alteration, locally porphyritic with 1-2mm phenocrysts which are moderately altered to chlorite and/ser (Green diorite)</i>	2315012	18	20	0.33	16.99	271.32
			2315013	20	22	0.26	17.44	124.91
			2315014	22	24.38	0.12	18.53	260.00
			2315015	24.38	26	0.14	11.57	184.23
			2315016	26	28	0.10	10.99	139.12
			2315017	28	30.48	0.14	13.20	171.46
			2315018	30.48	31.9	0.13	8.31	74.43
		Alteration						
19.4	31.9	from 19.4-23 phl or secondary biotite?; @ 23m trace epi blebs around dol stringers; @ 25m 6cm and 7.5cm cal-ser vein, stong ser, secondary biotite, carbonate alteration halo; @ 28.3m stockwork of tourmaline stringers; from 29.7-33m high magnetic reading						
		Mineralization						
17.1	18	pyr in quartz veins and diss						
24.6	24.7	magnetite, weak, assoc with mod-intens sil						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
31.9	35.7	Beach Breccia	2315018	31.9	32	0.13	8.31	74.43
		<i>Breccia with strong ser and bio alteration</i>	2315019	32	34	0.20	14.00	155.93
			2315020	34	35.7	0.10	7.76	125.29
Alteration								
31.9	35.7	0.4,0.3,0.8m intervals of cal breccia with strong ser. Phl alteration (bio replacement)						
Mineralization								
35.2	35.5	diss and blebby py associaed with breccia zone with carb infil; 35.5 py fracture						
35.5	35.7	trace pyrite as fracture fill with qtz-tour veinlets						
35.7	59.5	NR_Diorite	2315020	35.7	36	0.10	7.76	125.29
		<i>Green diorite</i>	2315021	36	37.8	0.15	7.08	152.84
			2315023	37.8	39.62	0.10	14.27	163.19
Alteration								
35.7	43.6	diss+bleby py associated with bx zone w/carb infill; from 35.2 to 35.5m	2315024	39.62	42	0.26	8.51	265.98
		diss+bleby py associated with bx zone w/carb infill	2315025	42	44	0.16	27.62	163.75
			2315026	44	46.33	0.15	19.17	173.37
			2315027	46.33	48.77	0.20	20.12	146.82
			2315028	48.77	50.6	0.13	13.12	151.19
43.6	44	from 43.6 to 43.6, qtz-cal-tour bx with strong ser-chl salvage	2315031	50.6	52.6	0.27	14.91	118.72
			2315032	52.6	54	0.35	26.19	196.10
			2315033	54	56.4	0.31	13.18	452.97
44	59.5	from 52.6-65, qtz-tour-cal bx with mod-strong phl (bio alteration) and ser salvage	2315034	56.4	58	0.38	13.14	408.16

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
Mineralization			2315035	58	59.5	0.22	18.28	227.77
35.7	37.8	trace pyrite as fracture fill with qtz-tour veinlets						
37.8	38.6	py assoc. with qtz-tour veins @ 38.2 and 38.6m						
46.6	46.8	trace cpy w/py in qtz-tour veinlet 4mm min associate tieh tour blebs in qtz						
46.8	47.6	Mo in qtz veins up to 6mm wide 1/m						
47.6	53.1	51.2-54m tr. cpy dissem and on fracture w/ py (qtz vein)						
53.1	59.5	53.1-53.2 1% py associated with tour veinlets overprinted by carb alt in 10cm zone						
59.5	59.9	NR_Diorite <i>Leucocratic, medium grained equigranular hbl-bio diorite, hbl weakly altering to chlorite (S&P Diorite)</i>	2315035	59.5	59.9	0.22	18.28	227.77
Alteration								
59.5	59.9	from 52.6-65, qtz-tour-cal bx with mod-strong phl (bio alteration) and ser salvage						
Mineralization								
59.5	59.9	53.1-53.2 1% py associated with tour veinlets overprinted by carb alt in 10cm zone						

From (m)	To (m)	Rock Code	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
Lithological Description								
59.9	71.6	NR_Diorite	2315036	59.9	62	0.17	8.37	417.59
		Medium grained, massive, dominantly equigranular hbl-bio diorite; texture locally overprinted by alteration, locally porphyritic with 1-2mm phenocrysts which are moderately altered to chlorite and/ser	2315037	62	64	0.19	16.64	335.34
			2315038	64	65.5	0.19	14.07	335.35
			2315039	65.5	68	0.17	19.74	116.60
			2315040	68	70	0.17	6.91	229.20
			2315041	70	71.6	0.12	9.67	131.59
Alteration								
59.9	65.4	from 52.6-65, qtz-tour-cal bx with mod-strong phl (bio alteration) and ser salvage						
71.2	71.6	from 69.9 to 77.6, locally stockwork qtz-tour veining						
Mineralization								
59.9	60	53.1-53.2 1% py associated with tour veinlets overprinted by carb alt in 10cm zone						
65.5	66.7	4% py in fractures and qtz-tour vines (stwk) overprinted by later carb veining and pev. Alt						
71.6	72.2	NR_Diorite	2315041	71.6	71.63	0.12	9.67	131.59
		Fault zone	2315043	71.63	72.2	0.21	10.24	336.45
Alteration								
71.6	72.2	from 69.9 to 77.6, locally stockwork qtz-tour veining						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
72.2	77.6	NR_Diorite <i>Medium grained, massive, dominantly equigranular hbl-bio diorite; texture locally overprinted by alteration, locally porphyritic with 1-2mm phenocrysts which are moderately altered to chlorite and/ser</i>	2315043	72.2	73.2	0.21	10.24	336.45
			2315044	73.2	74.68	0.20	7.75	334.61
			2315045	74.68	76.4	0.32	26.91	287.45
			2315046	76.4	77.6	0.47	8.73	269.36
Alteration								
72.2	77.6	from 69.9 to 77.6, locally stockwork qtz-tour veining						
77.6	79	NR_Diorite <i>Leucocratic, m.g. hbl-bio diorite (to tonalite), equigranular, massive; high plag low qtz content</i>	2315047	77.6	79	0.17	8.55	94.23
Alteration								
77.6	79	patchy silica flooding; clay gouge from 79.4-79.6m						
79	82	NR_Porphyry <i>Variably dark to light green, plg/hbl-phyric porphyry, aphanitic groundmass cut by qtz-chl stringers</i>	2315047	79	79.6	0.17	8.55	94.23
			2315048	79.6	80.77	0.12	4.29	43.82
			2315049	80.77	82	0.24	2.41	34.21
Alteration								
79	79.6	patchy silica flooding; clay gouge from 79.4-79.6m						
79.6	82	strong pervasive sericite+calcite						
Mineralization								
81.5	82	2% diss py in bx up to 2mm cubic						

From (m)	To (m)	Rock Code		Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		Lithological Description							
82	84	Beach Breccia		2315052	82	83.8	0.10	5.85	3.15
		<i>Breccia: brownish purple, pitted/vuggy breccia wih silica and tou infill/matrix, clasts angular to sub rounded (igneous) with possible multiple brecciation episodes. Selective ser-carb alteration of clasts and secondary bio(?)</i>		2315053	83.8	84	0.03	3.46	9.47
Alteration									
82	83.8	pitted/vuggy intense breccia hosted to pervasive silicification and brown secondary biotite							
83.8	84	from 85.8m, breccia with tour+sil matrix selective clast with strong carb and/or ser alteration							
Mineralization									
82	84	2% diss py in bx up to 2mm cubic							
84	85	Beach Breccia		2315053	84	85	0.03	3.46	9.47
		<i>Clay-rich late faulting of breccia; tou/sil 'healed' with late gouge breccia.</i>							
Alteration									
84	85	from 85.8m, breccia with tour+sil matrix selective clast with strong carb and/or ser alteration							
Mineralization									
84	85	2% diss py in bx up to 2mm cubic							

From (m)	To (m)	Rock Code		Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		Lithological Description							
85	100	NR_Porphry		2315054	85	87	0.20	20.67	206.84
		<i>Light to dark green plg+hbl-phyric porphyry, dark green aphanitic groundmass, cut by qtz-chl stringers</i>		2315055	87	88.39	0.14	8.65	65.75
				2315056	88.39	90.3	0.52	8.48	450.43
				2315057	90.3	92	1.12	11.07	803.17
		Alteration		2315058	92	94.49	0.86	18.05	226.25
				2315059	94.49	96.4	0.17	11.67	84.66
85	90	85-88.9m, moderate to locally strong w cal veining. Locally bleby epi selvage around tour veinlets		2315060	96.4	98.6	0.24	10.86	241.80
				2315061	98.6	100	0.07	21.78	48.46
90	93.6	increasing intensity of seconardy bio hals around planar sheeted qtz veins							
93.6	95.9	mod-strongly brecciated zone with early brown secondard bio? Alteration and perv. Silicification followed by later carb infill with sericite salvage giving patchy ser+sil, bio appearance							
95.9	100	mod-strongly brecciated zone with early brown secondard bio? Alteration and perv. Silicification followed by later carb infill with sericite salvage giving patchy ser+sil, bio appearance; from 95.9-98.4m ~1cm wide, relatively horiz qtz veins; from 97.8-98							
		Mineralization							
85	93.6	0.5% py and tr cp diff, fine and in tou stringers and qtz-tour str/veinlets/fracture surfaces							
93.6	98.2	3% py in bx qtz-tour veins on fractures and diss/ser							

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
100	234.7	NR_Diorite <i>Leucocratic/salt and pepper diorite with locally darker grey diorite</i>	2315061	100	100.58	0.07	21.78	48.46
			2315063	100.58	102.8	0.25	20.03	46.45
			2315064	102.8	104.9	0.07	5.38	68.28
			2315065	104.9	106.88	0.09	9.80	6.44
		Alteration	2315066	106.88	108.2	0.13	6.66	25.43
100	101.7	mod-strongly brecciated zone with early brown secondard bio? Alteration and perv. Silicification followed by later carb infill with sericite salvage giving patchy ser+sil, bio appearance; from 95.9-98.4m ~1cm wide, relatively horiz qtz veins; from 97.8-98	2315067	108.2	110.1	0.05	13.25	144.01
			2315068	110.1	112	0.10	12.33	231.85
			2315069	112	114.3	0.10	30.36	171.57
			2315072	114.3	116.5	0.13	9.42	94.43
			2315073	116.5	118.5	0.09	11.25	126.87
			2315074	118.5	120.4	0.09	11.81	102.61
			2315075	120.4	122.5	0.09	14.27	86.33
101.7	102.8	moderate to locally strong chl after mafics; 102-102.8m intense tour stockwork	2315076	122.5	124.5	0.07	10.42	83.23
			2315077	124.5	126.5	0.22	11.57	37.72
			2315078	126.5	128.3	0.08	21.76	34.88
102.8	105.8	moderate to locally strong chl after mafics	2315079	128.3	130.4	0.06	28.94	38.64
105.8	106.3	102.6-106.3m, bleby epi salvage around tou and qtz-tour veinlets, moderate to locally strong chl after mafics	2315080	130.4	132.6	0.17	17.24	134.58
			2315081	132.6	134.7	0.18	7.54	232.13
			2315083	134.7	136.9	0.10	13.51	122.81
106.3	110	at 109.3m, stockwork qtz stringers with epi salvage	2315084	136.9	138.7	0.12	16.52	295.28
			2315085	138.7	140.6	0.07	9.13	118.23
115.4	118.5	wide <12cm, planar to sw tour veins with wide ser and blebby epi salvages (strong). Weak bleby epi salvages around qtz veins	2315086	140.6	142.6	0.12	7.08	26.61
			2315087	142.6	144.7	0.07	11.18	245.66
			2315088	144.7	147	0.11	8.73	205.09
			2315089	147	149	0.11	6.96	93.00
120	127.2	at 122.7m, hem within tour veins; at 123m tour veinlets rare	2315092	149	150.8	0.10	9.36	164.31
			2315093	150.8	153	0.38	12.64	157.78
132.3	134.6	at 132.3m, carb +/- py veinlets prientated along core axis	2315094	153	155.2	0.09	13.19	117.34
			2315095	155.2	156.97	0.06	5.45	71.20
134.6	142.6	increased silicification and chl replacement, increase in qtz/qtz-tour veins; 141.2-142m, large 3cm, tourmaline vein with strong ser+pyr salvage	2315096	156.97	159.3	0.14	17.92	100.75
			2315097	159.3	161.3	0.08	6.03	111.04
			2315098	161.3	163.1	0.07	6.10	83.95
			2315099	163.1	165	0.13	22.78	134.71
142.6	145	at 145m, minor epi salvages on qtz veins	2315100	165	167	0.09	4.43	92.79

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		and stringers	2315101	167	169.2	0.13	7.45	154.57
150	160	at 160m, weak epi blebs and calvage around carb stringers and qtz veins	2315103	169.2	171.2	0.19	11.05	115.54
			2315104	171.2	173.3	1.31	38.43	222.21
170	175	increasing carb veining stockwork; at 170m chl stringers +/- pyrite; at 172m, qtz-tour vein with strong ser selvage and chl after bio	2315105	173.3	175.3	0.10	13.16	135.15
			2315106	175.3	177.3	0.13	5.97	167.60
			2315107	177.3	179.2	0.24	6.17	150.32
			2315108	179.2	181.4	0.16	14.14	144.75
176	180.7	at 176m, chl replace e t w to nil	2315109	181.4	183.6	0.21	54.90	55.00
180.7	183.4	at 180.7m, strong cal sw with cly+chl-ser salvage	2315112	183.6	185.5	0.11	30.86	225.56
			2315113	185.5	187.5	0.05	14.98	135.64
			2315114	187.5	189.6	0.07	5.63	152.27
203	210	from 207.7-210.9m, epi within + aS salvages around qtz and chl veinlets; tour +/- cal vein with strong ser salvages	2315115	189.6	191.5	0.04	5.40	145.18
			2315116	191.5	193.6	0.17	12.98	132.84
			2315117	193.6	195.6	0.17	44.78	201.43
210	234.7	215-228.5m qtz veins with salvages grading from bleby epi+chl to sil bleaching of feldspars, qtz veins with different orientations one set parallel to core axis, one sub horizontal; at 219m, 20 mm wide qtz vein has chl-ser stringer running down centre; at	2315118	195.6	197.6	0.08	15.81	72.64
			2315119	197.6	199.6	0.13	8.47	67.55
			2315120	199.6	201.2	0.05	9.09	454.97
			2315121	201.2	203.4	0.05	6.59	49.92
			2315123	203.4	205.7	0.10	10.58	130.26
			2315124	205.7	207.5	0.19	2.70	588.04
			2315125	207.5	209.5	0.12	6.65	142.77
			2315126	209.5	211.8	0.05	16.82	163.72
112	112.8	tr cpy, mol w py in qtz-tour veins up to 4mm width 1 vein/m	2315127	211.8	213.6	0.09	12.42	308.07
			2315128	213.6	216	0.12	9.34	154.77
130.8	137	trace cpy with py in qtz-tour vein, py also diss, carb veins	2315129	216	218	0.17	8.14	135.03
			2315132	218	220	0.13	9.15	72.88
142	152.5	trace py (qtz-tour veins)	2315133	220	222.5	0.08	8.17	49.38
			2315134	222.5	225	0.15	32.21	116.34
152.5	154	1% py tr mol tr cpy in qtz-tour vein and py in shallow to core axis tour stringers	2315135	225	227	0.25	15.27	88.19
			2315136	227	228.6	0.20	4.13	185.24
158	161.1	py 1% in qtz-tour/qtz-tour-epi stringers 3/m	2315137	228.6	230.4	0.31	57.72	216.46
			2315138	230.4	232.5	0.10	35.87	154.25
163.5	164.6	tr py diss and in qtz-tou	2315139	232.5	234.7	0.21	18.72	206.47

From (m)	To (m)	Rock Code				
		<i>Lithological Description</i>	<i>Sample</i>	<i>From (m)</i>	<i>To (m)</i>	<i>Au g/t</i> <i>Mo ppm</i> <i>Cu ppm</i>
169.8	179.8	179.5 parallel top CA. py in qtz-tour vein				

Project	WLF	UTM_E*	581003.00	Survey Details			
Hole ID	WLF-13-002	UTM_N*	6875500.00	Depth (m)	Azimuth	Dip	
Target	Beach	Elevation	1415.00	3.05	229.2	-89.7	
Depth (m)	222.5	Start Date	7/22/2013	22	189	-89.3	
Type	Diamond	End Date	7/24/2013	72	224.6	-89.5	
Azimuth	229.2	Logged By	JL	122	214.9	-89	
Dip	-89.7	Drilled By	Kluane	172	183.2	-89.5	
Core Size	NTW			222	228.3	-89	

*coordinates in NAD83 UTM 7N.

From (m)	To (m)	Rock Code						
		Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
0	2.5	OVB						
		Overburden Casing to 3.05						

From (m)	To (m)	Rock Code		Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		Lithological Description							
2.5	17.4	NR_Diorite		2315140	2.5	4.5	0.02	1.31	7.46
		<i>Medium grained, highly variable colour due to alteration surrounding vein systems and fault zone. Colour from dark grey to bleached cream-white. Majority of the interval is strongly fractured with strong limonitic surfaces. Minor pink K-spar.</i>		2315141	4.5	6	0.01	1.67	4.04
				2315142	6	8	0.01	1.69	7.53
				2315144	8	10	0.01	1.79	7.40
				2315145	10	12	0.01	1.79	5.73
				2315146	12	14	0.01	1.35	8.56
				2315147	14	16	0.01	1.65	6.79
				2315148	16	17.4	0.01	2.23	6.88
		Alteration							
2.5	5.3	Strongly broken and weathered, limonitic fractures, possibly pyritic but oxidized due to increased fracture porosity							
		Mineralization							
2.5	17.4	Strongly broken and weathered, limonitic fractures, possibly pyritic but oxidized due to increased fracture porosity							
17.4	30	NR_Diorite		2315149	17.4	19.5	0.02	2.81	15.02
		<i>Diorite (salt and pepper?), white, siliceous at 21m</i>		2315152	19.5	21.4	0.02	2.12	30.67
				2315153	21.4	23	0.01	1.39	18.07
		Alteration		2315154	23	25	0.01	2.80	8.67
				2315155	25	26.6	0.03	2.23	7.41
17.4	21.4	27.5 Minor quartz flood		2315156	26.6	28	0.05	4.69	260.13
		Mineralization		2315157	28	30	0.04	2.06	42.23
17.4	30	Strongly broken and weathered, limonitic fractures, possibly pyritic but oxidized due to increased fracture porosity							

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
30	39	NR_Diorite	2315158	30	31.5	0.02	1.80	60.30
		<i>Diorite (green?)</i>	2315159	31.5	33.5	0.03	1.43	6.85
			2315160	33.5	35.4	0.02	1.14	5.78
		Alteration	2315161	35.4	36.4	0.01	1.46	7.15
			2315162	36.4	37.6	0.02	2.21	11.15
31.5	35.4	33.9-34.3 brecciated/healed diorite sub-parallel TCA	2315163	37.6	39	0.02	2.22	30.56
		Mineralization						
30	31.5	30.0 diss pyr in dark ser-chl alt'n						
37.6	39	37.6 pyr as planar stringers and in disseminated bands following <1mm fractures Finely disseminated in ser alt'n						
39	41	NR_Porphry	2315163	39	39.6	0.02	2.22	30.56
		<i>Porphyry (?) with light grey margins</i>	2315165	39.6	40.8	0.03	1.60	18.61
			2315166	40.8	41	0.09	2.55	20.15
		Alteration						
40.8	41	FAULT, vein material in breccia fragments; some carb breccia						
		Mineralization						
39	41	37.6 pyr as planar stringers and in disseminated bands following <1mm fractures Finely disseminated in ser alt'n						

From (m)	To (m)	Rock Code	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		Lithological Description						
41	50.6	NR_Diorite	2315166	41	43	0.09	2.55	20.15
		Diorite (green?)	2315167	43	44.5	0.70	2.77	27.75
			2315168	44.5	45.7	0.15	1.94	14.52
		Alteration	2315169	45.7	47	0.02	3.60	86.97
41	45.2	FAULT, vein material in breccia fragments; some carb breccia	2315172	47	49	0.02	2.25	50.18
			2315173	49	50.6	0.04	2.49	41.04
		Mineralization						
41	41.15	37.6 pyr as planar stringers and in disseminated bands following <1mm fractures Finely disseminated in ser alt'n						
41.15	45.2	40.8-45.2 1% pyr in fault gouge						
45.2	50.6	45.2-50.6 pyr as stringers +/- qtz = diss. Fine to med grained. Some euhedral crystals						
50.6	54.1	Unknown	2315174	50.6	52.4	0.01	1.18	15.41
		Fine grained, medium green-grey mafic intrusive. Variably amygdaloidal with white calcite. Minor fuchsite.	2315175	52.4	54.1	0.12	1.22	14.85
54.1	58.1	NR_Diorite	2315176	54.1	56	0.04	2.87	64.08
		Diorite (S&P?), Medium grained. Strongly fractured and sericite-altered. Bottom 40cm fault rubble and gouge.	2315177	56	58.1	0.03	2.45	12.72

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
58.1	61.4	Unknown	2315178	58.1	60	0.01	1.00	12.45
		<i>Fine grained, medium green-grey intrusive. Variably amygdaloidal with white calcite. Minor fuchsite. Strongly brecciated and faulted</i>	2315179	60	61.4	0.01	1.67	11.74
61.4	161.4	NR_Diorite	2315180	61.4	63	0.01	3.33	22.23
		<i>Diorite (S&P?) Medium-grained; plagioclase and mafics commonly 2mm. Variable alteration producing light and dark grey intervals. Weak pink K-spar. Unaltered zones commonly magnetic. Magnetite destruction in strong ser-altered sections. 145.9-222.5m Relativ</i>	2315181	63	65	0.01	2.52	11.43
			2315183	65	67	0.02	5.23	7.32
			2315184	67	69	0.01	3.05	16.96
			2315185	69	71	0.01	2.26	11.04
			2315186	71	73	0.01	3.07	12.59
			2315187	73	75	0.01	3.97	6.26
			2315188	75	77	0.01	5.67	41.55
			2315189	77	79	0.01	4.84	15.59
			2315192	79	81	0.01	7.34	42.48
			2315193	81	82	0.01	3.47	7.13
			2315194	82	83.6	0.01	3.31	28.15
			2315195	83.6	85	0.01	5.12	27.01
			2315196	85	87	0.01	5.84	25.43
			2315197	87	89	0.01	5.30	17.81
			2315198	89	91	0.01	3.07	13.86
			2315199	91	93	0.01	2.92	9.52
			2315200	93	95	0.01	3.17	4.55
			2315201	95	97	0.01	7.28	22.65
			2315203	97	99	0.02	5.42	46.56
			2315204	99	101	0.01	3.34	59.02
			2315205	101	103	0.02	2.68	72.57
			2315206	103	105	0.02	3.28	31.50
			2315207	105	107	0.01	2.86	25.72
			2315208	107	109	0.01	2.26	35.32
		Alteration						
70.7	75.5	70.0-75.5m, weak epidote as vein selvage dominantly replacement						
83	95	88-90m, minor hematite on calcite filled fractures						
96.9	97.5	97m, TOU-QTZ along C.A.						
101.7	108.6	101.7-108m, HEM commonly with planar cal veins						
117.6	118.4	118m, patchy SER outside of silicified bleached selvages						
125.4	125.9	125.0-125.9m, strongly broken, multiple vein episodes - qtz_tou_pyr						
144.7	145.9	144.7m, weak gouge						
145.9	158.8	149.8m, weak gouge; 145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite.						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
158.8	161.4	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite.	2315209	109	111	0.06	2.75	116.48
Mineralization			2315212	111	113	0.12	2.37	169.14
			2315213	113	115	0.02	2.67	61.52
			2315214	115	117.6	0.01	2.35	11.02
			2315215	117.6	119	0.02	3.10	63.42
			2315216	119	121	0.07	4.66	117.04
61.4	67	54.1-58.1 weak diss. and veinlet pyr, erratic distribution	2315217	121	122.5	0.06	17.92	58.33
67	70	67-70 pyr weak narrow stringers and diss.	2315218	122.5	123.6	0.03	2.24	128.81
105.9	114.8	105.9-114.8 pyr diss and stringer	2315219	123.6	125	0.01	1.83	10.13
114.8	123.6	114.8-123.6 pyr in qtz veins, pyr stringers and diss.	2315220	125	127.5	0.02	1.91	106.99
			2315221	127.5	129.5	0.04	2.63	220.50
127.5	132.6	133.7 pyr in qtz vein, 2 cm	2315223	129.5	131	0.01	0.90	58.52
			2315224	131	132.6	0.03	1.69	53.62
132.6	133.7	133.2-161.4 pyr trace to very minor pyr in quartz stringers +/- tou	2315225	132.6	133.7	0.33	4.53	209.18
			2315226	133.7	135	0.23	2.08	44.45
			2315227	135	137.2	0.07	12.58	59.01
			2315228	137.2	139	0.16	4.48	15.59
			2315229	139	140.1	0.04	4.51	56.10
			2315232	140.1	142.1	0.04	2.29	195.08
			2315233	142.1	144	0.02	0.92	39.15
			2315234	144	146	0.02	9.22	182.06
			2315235	146	148	0.04	5.81	177.32
			2315236	148	150	0.04	0.78	54.66
			2315237	150	152	0.06	4.32	57.72
			2315238	152	154	0.04	3.65	95.23
			2315239	154	156	0.01	1.19	22.99
			2315240	156	158	0.02	1.94	36.70
			2315241	158	160	0.02	2.28	58.81
			2315243	160	161.4	0.02	2.53	14.07

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
161.4	163.5	Unknown <i>Mafic Dyke; fine-grained, light green to grey, amygdaloidal (calcite) with strong pervasive calcite.</i>	2315244	161.4	163.5	0.01	0.91	24.85
Alteration								
161.4	163.5	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite.						
163.5	222.5	NR_Diorite <i>Diorite (S&P?) Medium grained, Plagioclase and mafics commonly 2mm. Variable alteration producing light and dark grey intervals. Weak pink K-spar. Unaltered rock commonly magnetic. Magnetite destruction in strong ser-altered zones. 163.5-222.5m - relative</i>	2315245	163.5	165	0.05	6.70	100.93
			2315246	165	166.5	0.02	2.26	47.60
			2315247	166.5	168	0.04	4.24	116.24
			2315248	168	170	0.02	3.12	71.45
			2315249	170	172	0.03	2.61	237.84
			2315252	172	174	0.02	5.69	296.72
			2315253	174	176	0.06	5.94	225.11
			2315254	176	178	0.08	8.89	555.98
163.5	164.4	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite.	2315255	178	180	0.01	4.05	48.56
			2315256	180	182	0.02	2.93	80.16
			2315257	182	184	0.02	6.13	39.83
164.4	170.2	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite; 164.5-167.6 strongly magnetic	2315258	184	186	0.01	3.83	34.53
			2315259	186	188	0.03	2.08	255.21
			2315260	188	190	0.04	3.16	174.16
			2315261	190	192	0.02	2.72	110.72
170.2	176.8	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite.	2315263	192	194	0.02	2.50	47.55
			2315264	194	196	0.02	2.97	33.83
			2315265	196	198	0.02	4.34	110.48
176.8	185.9	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite	2315266	198	200	0.06	37.00	174.20
			2315267	200	202	0.03	3.39	33.57
			2315268	202	204	0.07	5.86	88.08
185.9	187.8	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite; 185.9-	2315269	204	206	0.07	8.25	167.89
			2315272	206	208	0.05	8.56	173.45
			2315273	208	210	0.06	4.50	217.02

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		187.8m weak clay alt'n	2315274	210	212	0.05	6.18	206.22
187.8	190.2	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite; 188.1-190.2m weak clay alt'n	2315275	212	214	0.04	9.13	119.39
			2315276	214	216	0.04	4.74	120.54
			2315277	216	218	0.15	5.12	216.73
			2315278	218	220	0.07	17.89	309.31
190.2	197.3	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite.	2315279	220	222.5	0.05	13.89	161.55
197.3	198.2	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite; 197.3-198.2m weak clay alt'n						
198.2	201	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite; 198-198.2m strong tou-qtz veining and bio alt'n; 198.2-201m decreasing cal fractures and very weak alt'n stringering						
201	210.5	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite.						
210.5	212.5	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite.						
212.5	218.8	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite.						
218.8	221	145.9-222.5m, Relatively unaltered diorite. Weak propylitic (epi). Variably magnetic, primary magnetite.						

Project	WLF	UTM_E*	581106.00	Survey Details			
Hole ID	WLF-13-003	UTM_N*	6875204.00	Depth (m)	Azimuth	Dip	
Target	Beach	Elevation	1418.00	0	93.2	-49.7	
Depth (m)	202.7	Start Date	7/25/2013	52.5	93.3	-48.8	
Type	Diamond	End Date	7/28/2013	102.5	94	-47.5	
Azimuth	93.2	Logged By	JL	152.5	95.3	-46.5	
Dip	-49.7	Drilled By	Kluane	202.5	97.1	-45.5	
Core Size	NTW						

**coordinates in NAD83 UTM 7N.*

From (m)	To (m)	Rock Code						
Lithological Description			Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
0	2.7	OVB						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
2.7	9.5	NR_Porphry <i>Entire interval composed of strongly fractured core with discrete gouge faults. Strongly stringered with (1) qtz, qtz-tour and (2) cal. Very strong textural changed from crystalline diorite to finer grained, mottled darker zones. Possibly different intrusion. Also rapid alteration changes producing sharp alteration fronts.</i>	2315280	2.7	4	0.91	71.92	1761.73
			2315281	4	6	1.19	62.42	710.08
			2315283	6	8	1.32	33.84	451.22
			2315284	8	9.5	1.47	40.33	2531.79
Alteration								
4.1	9.5	strongly stringered leucocratic. Bottom contact with f.g. darker dior. V. minor tou						
Mineralization								
2.7	8.8	patchy mineralization with intervals <10cm with 5% cpy, fracture fill and disseminated cpy + mol, cpy > py						
9.5	19.9	NR_Diorite <i>Green chloritic plagioclase porphyry with diss cpy-(pyr-mol).</i>	2315284	9.5	10	1.47	40.33	2531.79
			2315285	10	12	0.74	31.88	719.24
			2315286	12	14	1.04	41.08	979.04
			2315287	14	16	0.62	59.19	515.49
			2315288	16	18	1.95	61.63	1267.22
			2315289	18	19.9	1.52	91.35	1267.00
Alteration								
9.5	9.6	strongly stringered leucocratic. Bottom contact with f.g. darker dior. V. minor tou						
13	14.3	leucocratic diorite from 12.5-14.3m						
Mineralization								
12.2	13.8	erratic pyr and cpy Finely diss, minor vein associated - local zones to 5% cpy						
13.8	16.5	diss pyr, cpy, trace mol						
16.5	19.9	erratic pyr and cpy finely diss or in < 5mm veinlets trace mol commonly in quartz vnlt						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
19.9	34.4	NR_Diorite <i>Diorite (green)</i>	2315289	19.9	20	1.52	91.35	1267.00
			2315292	20	22	0.63	138.06	784.97
			2315293	22	24	0.70	146.04	315.93
		Alteration	2315294	24	26	0.22	28.98	245.43
			2315295	26	28	0.33	74.89	201.56
32	34.4	intense ser alteration, wipes out all texture protolith = diorite? Bottom 40 cm - pink colour = wk hem?	2315296	28	30	0.26	30.33	303.34
			2315297	30	32	0.25	34.10	357.69
		Mineralization	2315298	32	34	0.45	39.93	386.07
			2315299	34	34.4	0.43	79.89	424.26
19.9	20.7	erratic pyr and cpy finely diss or in < 5mm veinlets trace mol commonly in quartz vnlt						
20.7	22.5	tr mol and cpy at 22.2						
23	34.4	trace cpy and mol in quartz veinlets and minor diss.						
34.4	35.9	Unknown	2315299	34.4	35.9	0.43	79.89	424.26
		Alteration						
34.4	35	intense ser alteration, wipes out all texture protolith = diorite? Bottom 40 cm - pink colour = wk hem?						
35	35.9	intense ser alteration, wipes out all texture protolith = diorite? Bottom 40 cm - pink colour = wk hem?						
		Mineralization						
34.4	35.9	trace cpy and mol in quartz veinlets and minor diss.						

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
35.9	42	NR_Diorite	2315300	35.9	38	0.37	30.43	217.29
		Fault zone - strong gouge and fault breccia. Top contact 65°	2315301	38	40	0.20	42.25	123.34
		TCA (2 planes?). Strong cal in stringer network in breccia	2315303	40	42	0.19	20.25	153.52
42	47.3	NR_Diorite	2315304	42	43	0.06	10.47	103.53
		Silica flooded zone, becoming increasinly fractured into breccia below	2315305	43	45	0.23	13.78	33.21
			2315306	45	47	0.37	26.60	50.77
			2315307	47	47.3	0.13	11.32	47.48
47.3	116.8	Beach Breccia	2315307	47.3	49	0.13	11.32	47.48
		Mottlled colour throughout. Light grey-white silica	2315308	49	51	0.21	10.24	29.24
		replacement zones, breccia fragments of silica, ser alt'd, pale	2315309	51	53	0.26	22.11	58.06
		green diorite, also strong red-brown matrix/fracture infill	2315312	53	55	0.19	17.17	45.75
		with bio. Erratic pre and post breccia. qtz veining. Minor tou	2315313	55	57	0.21	22.48	30.27
		in fragments. From 54.0 to end of breccia are strong tou	2315314	57	59	0.33	15.93	161.68
		stringers with tou altered selvage. 3 generations of quartz	2315315	59	61	0.30	18.31	187.09
		veining. 1)qtz-tou event, 2) cal-qtz-Sulphide, 3)late cal	2315316	61	63	0.34	25.05	330.84
		Alteration	2315317	63	65	0.12	21.55	168.10
			2315318	65	67	0.27	36.66	112.39
47.3	54.7	Quartz veining erratic orientation and	2315319	67	69	0.61	4.52	130.83
		commonly x-cut by later veins; intervals	2315320	69	71	0.47	26.51	159.40
		of stronger bio replacement in select	2315321	71	73	0.18	24.67	88.47
		fragments, breccia matrix and vein selvage	2315323	73	75	0.18	11.65	82.14
54.7	56.6	strong tou in erratic SW, primarily	2315324	75	77	0.26	18.25	100.77
		selvage; Quartz veining erratic orientation	2315325	77	79	0.28	16.77	99.30
		and commonly x-cut by later veins;	2315326	79	81	0.16	32.24	227.67
		intervals of stronger bio replacement in	2315327	81	83	0.25	23.81	16.45
		select fragments, breccia matrix and vein	2315328	83	85	0.13	18.07	36.32

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		selvage	2315329	85	87	0.26	11.82	98.30
56.6	73.5	56.4- 73.5m extremely broken, stockwork calcite; 60.1-60.3m, clay and calcite	2315332	87	89	1.35	22.12	73.66
		15TCA weak fault;Quartz veining erratic orientation and commonly x-cut by later veins; intervals of stronger bio replacement in select fragments, breccia matrix and vein selvage	2315333	89	91	0.11	8.51	88.91
			2315334	91	93	0.16	13.69	77.29
			2315335	93	95	0.40	47.70	194.13
			2315336	95	97	0.17	21.10	187.03
			2315337	97	99	0.05	18.93	22.60
			2315338	99	101	0.10	31.26	31.71
73.5	80.7	strong tou veining and matrix in breccia; Quartz veining erratic orientation and commonly x-cut by later veins; intervals of stronger bio replacement in select fragments, breccia matrix and vein selvage	2315339	101	102.7	0.08	17.54	68.10
			2315340	102.7	104	0.12	19.33	43.75
			2315341	104	106	0.09	18.10	24.03
			2315343	106	108	0.16	45.17	16.10
			2315344	108	110	0.21	48.74	42.52
80.7	85.3	strong tou veining and matrix in breccia; Quartz veining erratic orientation and commonly x-cut by later veins; intervals of stronger bio replacement in select fragments, breccia matrix and vein selvage	2315345	110	112	0.47	22.71	75.89
			2315346	112	114	0.19	17.83	84.41
			2315347	114	116	0.34	8.08	129.28
			2315348	116	116.8	1.04	27.57	43.07
85.3	88.2	Quartz veining erratic orientation and commonly x-cut by later veins; intervals of stronger bio replacement in select fragments, breccia matrix and vein selvage						
88.2	95.5	Quartz veining erratic orientation and commonly x-cut by later veins; intervals of stronger bio replacement in select fragments, breccia matrix and vein selvage						
95.5	96.8	Quartz veining erratic orientation and commonly x-cut by later veins; intervals of stronger bio replacement in select fragments, breccia matrix and vein selvage						
96.8	101.7	stringer SW tou matrix fill and vein selvage; Quartz veining erratic orientation and commonly x-cut by later veins; intervals of stronger bio replacement in select fragments, breccia matrix and vein						

From (m) To (m) Rock Code

Lithological Description

Sample From (m) To (m) Au g/t Mo ppm Cu ppm

		selvage
101.7	102.7	weak fault, cly altered vuggy qtz vein; Quartz veining erratic orientation and commonly x-cut by later veins; intervals of stronger bio replacement in select fragments, breccia matrix and vein selvage
102.7	112.9	stronger bio alt'n, matrix, replacement; from 109.6-109.8 cly-cal weak fault; Quartz veining erratic orientation and commonly x-cut by later veins; intervals of stronger bio replacement in select fragments, breccia matrix and vein selvage
112.9	116.8	Quartz veining erratic orientation and commonly x-cut by later veins; intervals of stronger bio replacement in select fragments, breccia matrix and vein selvage

Mineralization

47.3	60	52.8 =mol patch, Minor mal at 57.2
77.1	77.12	2mm qtz-chl vein(late) with pyr,cpy,mol 77.8m minor CP in fragments only
97.5	100.8	trace cpy and mol in quartz veinlets and minor diss. 99.7 silver metallic = sulphosalt?? 101.7 = yellow oxide =scorodite? Or ferrimolybdenite?
107.7	107.71	MOL in QTZ vnlt 1 cm
110.5	110.51	Trace pyr cpy in quartz vein

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
116.8	122.5	NR_Diorite <i>Med. grained, pale green-grey with white plag. Crystals, light green groundmass. Moderately stringered with qtz + tou</i> <i>White, bleached intervals, strongly silicified.</i>	2315348	116.8	118	1.04	27.57	43.07
			2315349	118	120	0.46	3.54	85.69
			2315352	120	122	1.02	6.10	98.48
			2315353	122	122.5	0.50	14.58	191.99
122.5	135.5	Beach Breccia <i>Silica breccia similar to 47.3-116.8m. Strong stockwork and strong bio alteration.</i>	2315353	122.5	124	0.50	14.58	191.99
			2315354	124	125.5	0.43	31.17	144.13
			2315355	125.5	127	0.19	16.41	35.33
			2315356	127	129	0.20	22.30	62.99
			2315357	129	131	0.27	39.12	52.13
			2315358	131	133	1.62	49.25	26.71
			2315359	133	135	0.27	39.60	135.75
			2315360	135	135.5	0.64	27.54	63.97
135.5	151.1	NR_Diorite <i>Dominantly light grey-white as a result of bleaching.</i> <i>Plagioclase phenos still visible except at extreme alt'n/bleaching</i>	2315360	135.5	137	0.64	27.54	63.97
			2315361	137	139	0.34	17.32	69.43
			2315363	139	141	0.65	17.83	18.13
			2315364	141	143	0.35	21.60	13.30
			2315365	143	145	0.16	36.87	35.03
			2315366	145	147	0.07	21.12	48.14
			2315367	147	149	0.35	18.80	9.81
			2315368	149	151	0.31	8.91	48.57
			2315369	151	151.1	0.02	1.64	25.39

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
151.1	152.4	Unknown <i>post mineral, mafic dyke ?, Fine grained dark green, chl altered. Mafics up to 3mm, epidote, chlorite</i>	2315369	151.1	152.4	0.02	1.64	25.39
152.4	153.7	NR_Diorite <i>strongly magnetic, silica altered, stringered</i>	2315372	152.4	153.7	0.08	11.59	17.25
Alteration								
152.4	153.7	152.4-152.9m fault gouge and rubbly core						
153.7	156.1	Beach Breccia <i>Rounded to angular fragments. Strong bio in matrix</i>	2315373	153.7	156.1	0.20	24.04	13.11
156.1	172.4	Beach Breccia <i>Stockwork zone. Diorite similar to bleached unit from 135-5-151.1, but cut by numerous, thin qtz and tou stringers. qtz stringers to 2cm, modal size 5mm</i>	2315374	156.1	158	0.10	45.53	43.44
			2315375	158	160	0.17	53.08	57.19
			2315376	160	162	0.17	30.78	67.06
			2315377	162	164	0.16	17.60	56.11
			2315378	164	166	0.70	28.47	112.57
			2315379	166	168	0.19	34.40	76.09
			2315380	168	170	0.07	19.39	17.86
			2315381	170	172	0.52	37.54	9.68
			2315383	172	172.4	0.44	30.41	7.78
Mineralization								
160	164	cpy,pyr in fine stringers and diss. mol in veins or fine diss.						

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
172.4	202.7	Beach Breccia	2315383	172.4	174	0.44	30.41	7.78
		<i>172.4-179.2m, diorite interval. Variably bleached, silica-altered, light grey with < 15 cm bleached white silica intervals. 179.2-183.5m, Diorite interval. As above but stronger bleaching and cly. From 172.4-179.2m, diorite interval same as 172.4-179.2m. From 172.4-179.2m, brecciated stockwork zone. Early qtz veinlets generally discontinuous across core due to faulting. Only vein fragments remaining. Some later qtz-tou veins. Variable alteration throughout with some minor clay-silica (white). Common silica and mixed silica-sericite. Weak, patchy chlorite alteration near bottom of interval. Minor pink colour = kspar?</i>	2315384	174	176	0.21	12.39	20.48
			2315385	176	178	0.08	8.45	4.37
			2315386	178	179.2	0.39	19.87	6.44
			2315387	179.2	181	0.35	7.06	5.11
			2315388	181	182	0.53	24.01	6.25
			2315389	182	183.5	0.34	28.19	15.45
			2315392	183.5	185	0.20	7.43	21.71
			2315393	185	187	0.17	4.37	14.17
			2315394	187	188.1	0.38	86.51	12.75
			2315395	188.1	190	0.64	5.44	19.96
			2315396	190	192	0.10	2.20	28.35
			2315397	192	194	0.10	4.03	8.77
			2315398	194	196	0.04	3.60	9.75
			2315399	196	198	0.04	3.80	15.77
179.2	183.5	180-180.1m weak fault	2315400	198	200	0.04	4.41	35.27
188.1	190	patchy intermittent pink altered, possibly k-spar	2315401	200	201.5	0.07	2.52	21.10
			2315402	201.5	202.7	0.04	5.00	8.15
190	192	patchy intermittent pink altered, possibly k-spar						
192	192.5	patchy intermittent pink altered, possibly k-spar						
192.5	202.7	patchy intermittent pink altered, possibly k-spar						

Project	WLF	UTM_E*	580999.00	Survey Details			
Hole ID	WLF-13-004	UTM_N*	6874905.00	Depth (m)	Azimuth	Dip	
Target	Beach	Elevation	1447.00	0	338.7	-88.6	
Depth (m)	196.6	Start Date	7/29/2013	46	276.8	-89.3	
Type	Diamond	End Date	7/31/2013	96	312.8	-89.2	
Azimuth	338.7	Logged By	JL	146	259.9	-89.3	
Dip	-88.6	Drilled By	Kluane	196	264.8	-89.1	
Core Size	NTW						

*coordinates in NAD83 UTM 7N.

From (m) To (m)		Rock Code						
		Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
0	3.05	OVB						
		Casing - overburden						

From (m)	To (m)	Rock Code	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		Lithological Description						
3.05	59.6	NR_Diorite	2315403	3.05	5	0.03	0.14	13.00
		<i>Top of interval is strongly silicified/bleached with ghost plag crystals, grading downward into moderately altered diorite with distinct felsic and mafic crystals to 25m. 25 to 28m: alteration is highly variable silica and kspar. 28.8 - 37.5 is strongly fractured with numerous fractures and stringers along C.A. and a wide range of alteration and veining (sil-ser-dol-cly. Strong manganese on fractures, commonly dendritic. 37.5-42m: grading from strong to moderate pervasive silica alt'n. 42-59.6: relatively unaltered. Dominantly plag, qtz, <15% mafics, possibly tonalite composition.</i>	2315404	5	7	0.14	0.14	8.96
			2315405	7	9	0.04	0.30	4.96
			2315406	9	11	0.02	0.30	6.29
			2315407	11	13	0.10	0.82	4.65
			2315408	13	15	0.05	0.54	22.29
			2315409	15	17	0.04	0.20	34.20
			2315412	17	19	0.05	0.27	35.23
			2315413	19	21	0.03	0.25	29.58
			2315414	21	23	0.01	0.37	20.95
			2315415	23	25	0.03	0.24	4.05
			2315416	25	27	0.02	0.18	3.17
			2315417	27	28.5	0.01	0.22	19.33
			2315418	28.5	29.7	0.03	0.27	70.36
			2315419	29.7	31	0.03	0.27	262.26
			2315420	31	33	0.04	1.68	152.36
			2315421	33	34.5	0.05	0.58	50.25
			2315423	34.5	36	0.03	0.92	18.48
			2315424	36	37.5	0.28	1.28	183.27
			2315425	37.5	39	0.02	1.71	13.92
			2315426	39	41.8	0.01	1.13	6.99
			2315427	41.8	43	0.03	5.49	151.14
			2315428	43	45	0.03	5.37	59.20
			2315429	45	47	0.02	6.08	41.61
			2315432	47	49	0.02	4.84	6.23
			2315433	49	51	0.03	0.59	6.49
			2315434	51	53	0.04	0.71	8.68
			2315435	53	55	0.09	1.24	37.46
			2315436	55	56.5	0.01	0.54	15.60
			2315437	56.5	58	0.02	19.04	33.01
			2315438	58	59.6	0.04	5.02	283.06

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
59.6	65.3	Beach Breccia <i>Diorite breccia. Darker coloured interval with varying intrusive clast textures from porphyritic to fine-grained crystalline. Strong, dark silica stringers, moderate potassic alteration with biotite prominent and also pink kspar. Weak magnetite in darker stringers.</i>	2315439	59.6	61	0.02	1.71	105.67
			2315440	61	63	0.02	1.06	73.81
			2315441	63	65.3	0.03	2.40	98.51
65.3	68.1	NR_Diorite <i>Similar to diorite above breccia</i>	2315443	65.3	66.5	0.02	2.58	51.44
			2315444	66.5	68.1	0.04	3.27	167.81
68.1	73	NR_Diorite <i>Diorite; strongly altered with highly variable alteration, dominantly pervasive silica</i>	2315445	68.1	70	0.17	3.57	610.50
			2315446	70	71.5	0.05	0.84	87.57
			2315447	71.5	73	0.19	0.63	173.13
73	77.9	NR_Diorite <i>Diorite? Variable, strongly silica altered, white-grey. Strong pyr, broken, rubbly core</i>	2315448	73	75	0.06	0.82	21.23
			2315449	75	77	0.02	0.71	6.55
			2315452	77	77.9	0.09	1.24	46.22

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
77.9	81	Finlayson	2315453	77.9	80	0.12	4.28	399.75
		<i>Finely foliated, light green-grey, strong pervasive silica; cut by late faults and fractures and late qtz and calcite stringers</i>	2315454	80	81	0.05	0.95	98.05
81	87.5	Finlayson	2315454	81	82	0.05	0.95	98.05
		<i>Very strongly altered, variable colour from black to white, green, grey with sil, mag, epi, tou, chl and qtz. Very minor porphyritic patch. Some foliated intervals.</i>	2315455	82	84	0.17	48.33	254.86
			2315456	84	86	0.13	2.25	68.92
			2315457	86	87.3	0.15	0.45	8.13
			2315458	87.3	87.5	0.11	1.11	108.60
Mineralization								
81.5	84.8	pyr up to 7% in darker intervals, commonly clustered near magnetite as diss nad fracture fill						
87.5	89.6	Finlayson	2315458	87.5	89.6	0.11	1.11	108.60
		<i>Extremely broken core; sil-cpy-pyl</i>						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
89.6	101.8	Finlayson <i>Extremely altered. Dark green-grey, moderately to strongly fractured. Numerous stringer episodes. Intervals of strongly foliated, fine laminations.</i>	2315459	89.6	91	0.04	1.23	80.98
			2315460	91	93	0.07	12.35	85.68
			2315461	93	95	0.15	2.47	284.02
			2315463	95	97	0.06	1.38	189.57
			2315464	97	98.2	0.05	0.83	230.23
			2315465	98.2	100	0.05	1.85	117.24
			2315466	100	101.8	0.16	4.83	144.70
		Mineralization						
89.6	91.3	trace pyr as fracture fill and diss. Tr,Tr cpy						
101.8	111.2	Beach Breccia <i>Strong, variable alteration with intervals of Finlayson meta-volcanics and diorite.</i>	2315467	101.8	103	0.10	4.13	104.41
			2315468	103	105	0.16	2.94	243.42
			2315469	105	107	0.08	2.59	61.53
			2315471	107	109	0.05	2.85	50.09
			2315472	109	111.2	0.09	2.91	21.23

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
111.2	141.7	Beach Breccia	2315473	111.2	113	0.10	0.94	20.38
		<i>Feldspar porhyry, porphyry breccia. Very competent core.</i>	2315474	113	115	0.01	1.64	10.67
		<i>Light pink-grey withy patchy green. Core is weakly bleached.</i>	2315475	115	117	0.02	2.11	10.81
		<i>Coarse megacryst plag phenos commonly 3-6mm. Grey-pink</i>	2315476	117	119	0.04	5.13	17.18
		<i>matrix of fine plag. And quartz. Some finer phenos (bi-modal</i>	2315477	119	121	0.17	16.81	6.05
		<i>phenos). Colour= weak kspar? Light green stringers and</i>	2315478	121	123	0.26	2.13	14.25
		<i>green alteration = cal. Light green veins =aplite or mix of sil,</i>	2315479	123	125	0.05	2.58	13.23
		<i>cal and chl. Fragment composition =Finlayson meta-</i>	2315480	125	127	0.04	1.85	6.29
		<i>seeds/volcanics. Frag size commonly 1-3cm. Frags</i>	2315481	127	129	0.04	2.18	16.35
		<i>concentrated at upper and lower contacts. Weakly magnetic</i>	2315483	129	131	0.06	3.26	23.77
		<i>minor magnetite crystals. Fragment quantity increases</i>	2315484	131	133	0.17	2.02	223.64
		<i>toward each contact</i>	2315485	133	135	0.18	1.44	108.30
			2315486	135	137	0.10	3.20	94.55
			2315487	137	139	0.04	3.15	44.73
			2315488	139	140	0.03	2.04	31.54
			2315489	140	141.7	0.08	8.00	27.21
141.7	146.3	Beach Breccia	2315492	141.7	143	0.08	3.92	12.24
		<i>Feldspar porphyry breccia, Mottled colour, pink, white, green,</i>	2315493	143	145	0.02	5.20	4.86
		<i>black fragments up to 15cm with zones up to 70cm of</i>	2315494	145	146.3	0.08	3.30	16.76
		<i>Finlayson meta seds and volcanics. Fragmentss commonly</i>						
		<i>display primary bedding/foliation. Numerous stringers of:</i>						
		<i>1)qtz, 2)qtz-chl, 3)tou, 4)pale green qtz-cal</i>						

From (m)	To (m)	Rock Code						
		Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
146.3	169.7	NR_Diorite	2315495	146.3	148	0.03	1.71	22.94
		<i>Light green-grey equigranular, med. grained, uniform texture. Mafics altered to pale green. Plag modal size 2mm "salt and pepper" diorite. Minor qtz 10%. Top interval 146.2-153.9 strongly veined and patchy alt'n grading down into relatively unaltered diorite</i>	2315496	148	150	0.04	1.20	36.23
			2315497	150	152	0.15	1.85	113.66
			2315498	152	154	0.10	1.78	111.05
			2315499	154	156	0.02	1.75	59.96
			2315500	156	158	0.03	1.29	30.51
			2315501	158	160	0.02	2.19	15.17
			2315503	160	162	0.02	3.05	32.77
			2315504	162	164	0.04	1.52	105.86
			2315505	164	165.4	0.14	0.87	121.37
			2315506	165.4	167	0.10	2.41	170.28
			2315507	167	168.5	0.04	3.39	41.91
			2315508	168.5	169.7	0.05	1.60	48.55
169.7	173.8	Unknown	2315509	169.7	172	0.01	1.29	22.33
		<i>Dark grey-black, fine grained with plag laths, biotite. Amygdaloidal (calcite and chlorite); amygdules to 1.5mm. Minor diorite xenoliths. Weakly magnetic. Strong pervasive calcite.</i>	2315512	172	173.8	0.01	1.30	25.80

From (m)	To (m)	Rock Code		Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
			Lithological Description						
173.8	196.6	NR_Diorite		2315513	173.8	176	0.19	1.06	34.94
			Diorite same as 146.3-169.7. Becoming very dark (mottled) due to silica and magnetite alteration. Magnetite spotty in darkest intervals. Intervals grade between crystalline and porphyritic texture diorite.	2315514	176	178	0.02	1.12	34.80
				2315515	178	180	0.03	1.67	45.62
				2315516	180	182	0.12	6.41	180.83
				2315517	182	184	0.02	1.93	117.30
				2315518	184	186	0.04	2.82	98.70
				2315519	186	188	0.02	2.97	75.55
				2315520	188	189.5	0.02	1.93	38.11
				2315521	189.5	190.6	0.02	1.64	50.25
		Mineralization		2315523	190.6	192	0.05	4.10	149.46
173.8	191.4	Minor pyr as diss. In black magnetite altered intervals		2315524	192	194	0.03	1.99	46.04
				2315525	194	195	0.01	2.98	36.66
				2315526	195	196.6	0.03	2.37	123.35

Project	WLF	UTM_E*	581600.00	Survey Details			Teck
Hole ID	WLF-13-005	UTM_N*	6874300.00	Depth (m)	Azimuth	Dip	
Target	Beach	Elevation	1349.00	0	170.7	-89.5	
Depth (m)	233.2	Start Date	8/1/2013	33	238.7	-89.5	
Type	Diamond	End Date	8/3/2013	83	38.8	-89.3	
Azimuth	170.7	Logged By	EL	133	99.9	-88.9	
Dip	-89.5	Drilled By	Kluane	183	103.9	-88.6	
Core Size	NTW			233	111.6	-88.4	

*coordinates in NAD83 UTM 7N.

From (m)	To (m)	Rock Code						
		Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
0	4.7	OVB						
4.7	6	Finlayson						
		qtz bio schist strongly oxidized and broken, intense manganese oxide on fractures, meta-sedimentary with primary beds throughout shown as variation in color and composition, sharp and gradational contacts between qtz-bio schist, chl-qtz schist and gniess throughout the hole						
		Alteration						
4.7	6	limonite along fractures and foliation						

From (m)	To (m)	Rock Code				
		Lithological Description	Sample	From (m)	To (m)	Au g/t Mo ppm Cu ppm
6	12.1	Finlayson <i>pale beige, siliceous meta-sed, strongly broken and limonitic, weakly foliated and grading to more green chlorite schist.</i>				
12.1	13.9	Finlayson <i>mafic gniess, gniessic banding with tight folding (sheath folds); broken rubbly core from 13.5-13.8</i>				
13.9	14.9	Finlayson <i>same as 6-12.1</i>				
14.9	23.1	Finlayson <i>mafic gniess, gniessic banding with tight folding; broken core from 16.76-17 and 21-21.3m with fault gouge at 21m</i>				
Alteration						
22.3	23.1	limonite flooding from fractures and stringer giving rock an orange colour				

From (m)	To (m)	Rock Code				
		Lithological Description	Sample	From (m)	To (m)	Au g/t Mo ppm Cu ppm
23.1	24.4	Finlayson				
		<i>dark grey and beige, silicified and highly fractured and broken, fault, metamorphic fabric is offset . Interval is blocky, and fabric appears augen-like, limonite giving rock an orange color</i>				
		Alteration				
23.1	24.4	limonite flooding from fractures and stringer griving rock an orange colour				
24.4	29.6	Finlayson				
		Alteration				
25.1	26.9	calcite veining cutting fabric				
26.9	29.6	29.6-35.6m, carbonate stockwork and breccia veins moderate to intense, trace angular tou clasts within breccia, lim moder to strong hosted by cal veinlets/stringers and on fracture surfaces				

From (m)	To (m)	Rock Code	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		<i>Lithological Description</i>						
29.6	45	Finlayson <i>bio-chl schist with intervals of cal breccia, cal breccia veins from weak to strong cutting metamorphic fabric; 5cm clay filled fracture/gouge? At 32m and 33.2m; 10cm clay gouge 43.1-43.2m; broken and limonitic from 39.8-43.1m; 19cm wide quartz band from 39.6-39.8</i>						
Alteration								
29.6	31.4	29.6-35.6m, carbonate stockwork and breccia veins moderate to intense, trace angular clasts within breccia, lim moder to strong hosted by cal veinlets/stringers and on fracture surfaces						
31.4	35.5	32.6-33m, weakly silicified with mod chl after bio						
35.5	45	at 39.6m, tr pyr in qtz band and lim after pyr						
Mineralization								
39.6	39.8	trace pyr in in qtz band and lim after pyr						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
45	55	Finlayson	2315527	52	54	0.01	0.85	23.60
		<i>bio-schist, with intervals of banded and strongly folded gniess; clay gouge and broken core from 49.3-49.7m; 5cm clay gouge from 52.2-52.25</i>	2315528	54	55	0.01	0.58	51.93
Alteration								
45	52.4	at 39.6m, tr pyr in qtz band and lim after pyr						
52.4	52.8	pale green, bleached perv clay altered, strong carbonate strockwork, weakly brecciated, bio blebs						
52.8	55	54.6m, trace diss pyr						
Mineralization								
52.4	52.8	within zone of ser alteration						
55	62	Finlayson	2315528	55	55.3	0.01	0.58	51.93
		<i>light green, chl-bio schist with strong folding</i>	2315529	55.3	57.3	0.01	1.90	35.14
			2315532	57.3	59.3	0.01	1.18	12.20
Alteration								
			2315533	59.3	61.3	0.01	1.49	28.33
			2315534	61.3	62	0.01	7.40	52.60
58.9	60.4	cal+pyr breccia? Stringer appears to have bio (Finlayson?) clasts?						
60.4	62	from 60.3-60.6m, pyr associated with darker bio-rich intervals with lesser in strong epi and chl altered intervals						
Mineralization								
58.9	60.3	pyrite in matrix of breccia						
60.3	60.6	pyr associated with darker bio-rich intervals and not in strong epi+chl altered intervals						

From (m)	To (m)	Rock Code	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		Lithological Description						
62	65	Finlayson	2315534	62	63.3	0.01	7.40	52.60
		<i>bio-schist to gniess with intervals of increasing qtz banding associated with tight, small scale folding with strong carb stockwork at 65.3-68.8; end of the interval strongly broken rubbly core with lim covering fractures</i>	2315535	63.3	65	0.01	8.33	128.12
Alteration								
62	62.2	from 60.3-60.6m, pyr associated with darker bio-rich intervals with lesser in strong epi and chl altered intervals						
62.2	63.4	weak carbonate and white clay +/- pyr stringer stockwork						
63.4	65	weak carbonate and white clay +/- pyr stringer stockwork						
Mineralization								
62.2	62.9	pyr within bio lamination, trace diss						
62.9	64.7	pyr in bio laminae and as <2mm stringers across cutting foliation, trace diss						
64.7	65	pyr within mafic bio lamination and stringers						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
65	74.3	Finlayson	2315535	65	65.3	0.01	8.33	128.12
		<i>qtz bands associated with small scale folding; 72.7-74.3m, broken rubbly core with lim covering fractures</i>	2315536	65.3	67.3	0.01	3.29	71.20
			2315537	67.3	69.3	0.01	3.37	66.48
			2315538	69.3	71.3	0.01	3.14	70.68
		Alteration	2315539	71.3	73.3	0.01	15.48	85.13
65	72	weak carbonate and white clay +/- pyr stringer stockwork	2315540	73.3	74.3	0.01	2.17	120.22
72	74.3	weak carbonate and white clay +/- pyr stringer stockwork; from 72.2-74m, pry and white cly stringers, lim on fracture faces after pyr						
		Mineralization						
65	68.6	pyr within mafic bio lamination and stringers						
68.6	70.9	pyr within mafic bio lamination and stringers						
70.9	72.4	pyr-cly stringers						
72.4	72.7	stockwork pyr stingers						
72.7	74.3	diss pyr						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
74.3	78.6	Finlayson	2315540	74.3	75.3	0.01	2.17	120.22
		<i>siliceous, weakly foliated qtz-chl schist</i>	2315541	75.3	77.3	0.01	5.82	83.90
			2315543	77.3	78.6	0.05	13.96	297.69
Alteration								
74.3	78.6	lim replacement of pyr on fractures; stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong; at 88.3m, greenish/white cly on fracture and in stringers						
Mineralization								
74.3	78.6	diss pyr						
78.6	85	Finlayson	2315543	78.6	79.3	0.05	13.96	297.69
		<i>strongly limonitic, fracture fill 78.7-79m</i>	2315544	79.3	81.3	0.01	5.34	202.40
			2315545	81.3	83.3	0.01	11.66	139.44
			2315546	83.3	85	0.01	4.91	142.65
Alteration								
78.6	85	lim replacement of pyr on fractures; stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong; at 88.3m, greenish/white cly on fracture and in stringers						
Mineralization								
78.6	78.7	diss pyr						
78.7	79.3	pyrite concn in biotite laminations						
79.3	80	pyrite stringers and trace diss						
80	85	3-5% pyrite concentrated in mafic bio laminations, weak pyr veinlets/stringers, replacement of pyrite by lim on fracture faces						

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
85	133.8	Finlayson	2315546	85	85.3	0.01	4.91	142.65
		<i>gniess to quartz augen gniess, locally strongly, tightly folded</i>	2315547	85.3	87.3	0.01	16.00	135.70
		<i>at 86m; from 86-86.9m, siliceous, qtz-chl interval with pyr</i>	2315548	87.3	89.3	0.02	7.29	104.50
		<i>stringers and minor epi blebs within qtz bands, quartz-augen</i>	2315549	89.3	91.3	0.01	23.36	159.30
		<i>gniess at 86m; 90-91 very dark black, decreasing qtz content,</i>	2315552	91.3	93.3	0.01	6.27	178.43
		<i>mm scale carbonaceous seams (graphite); 93.1-94 core</i>	2315553	93.3	95.3	0.01	4.54	95.37
		<i>broken and lim on fracture faces; 98.3-98.7m vuggy cal</i>	2315554	95.3	97.3	0.01	2.71	14.73
		<i>breccia vein with clast of subrounded qtz and angular meta</i>	2315555	97.3	99.3	0.04	8.57	486.05
		<i>clasts 5%pyr; 100-105.2m interbedded graphite; starting at</i>	2315556	99.3	101.3	0.03	22.12	131.15
		<i>112m, increasing silica content; 113.1-113.6m, breccia qtz-</i>	2315557	101.3	103.3	0.01	14.37	107.84
		<i>carb breccia vein with sub angular clasts of meta; 120m,</i>	2315558	103.3	105.3	0.03	14.57	391.43
		<i>fractures filled with green ser cly (weak); 122.1-125m core</i>	2315559	105.3	107.3	0.01	3.89	89.21
		<i>heavily broken rubble; strongly folded at 124.97m; from 133-</i>	2315560	107.3	109.3	0.01	13.41	147.97
		<i>134.3 core broken and fractures fill with green(ser?) clay; qtz-</i>	2315561	109.3	111.3	0.01	17.83	231.65
		<i>carb breccia vein stockwork (cut by porphyry) from 133.4-</i>	2315563	111.3	113.3	0.01	11.99	180.81
		<i>133.7m</i>	2315564	113.3	115.3	0.01	4.45	46.17
		Alteration	2315565	115.3	117.1	0.01	7.38	95.18
85	95.7	lim replacement of pyr on fractures;	2315566	117.1	119.1	0.01	1.56	46.10
		stockwork cal +/- cly stringers and veinlets	2315567	119.1	121.1	0.01	2.27	33.31
		vary in intensity from weak to strong; at	2315568	121.1	123.1	0.01	1.93	24.28
		88.3m, greenish/white cly on fracture and	2315569	123.1	125.1	0.02	7.01	122.29
		in stringers	2315572	125.1	127.1	0.01	4.85	73.90
95.7	100	lim replacement of pyr on fractures;	2315573	127.1	129.1	0.01	8.27	127.02
		stockwork cal +/- cly stringers and veinlets	2315574	129.1	131.1	0.01	5.39	124.99
		vary in intensity from weak to strong	2315575	131.1	133.1	0.01	5.55	142.90
100	103	lim replacement of pyr on fractures;	2315576	133.1	133.8	0.01	8.15	32.86
		stockwork cal +/- cly stringers and veinlets						
		vary in intensity from weak to strong;						
		from 102-103m, increase in carbonate						
		veining; at 102.4m, moderate light green						
		clay on fractures						
103	104	stockwork cal +/- cly stringers and veinlets						
		vary in intensity from weak to strong						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
104	105	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
105	107	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
107	112.5	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong; at 108m, chl selvage around carbonate vein						
112.5	113.6	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
113.6	120	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong; strong stockwork qtz stringers, chl selvages at 114m; 115.3-117m, weak chl after bio, 5% pyr in bands; 115.7m, diorite inclusion? With 3% pyr and moderate chl after mafic						
120	121.1	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong; weak discontinuous qtz carbonate, 2 episodes of veins: 1) qtz-carb 2) qtz-vein with sil+chl alteration halo (rare)						
121.1	128	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong; 122.1m, short breccia interval, angular meta clasts						
128	131	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
131	133.8	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						

From (m)	To (m)	Rock Code	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
Lithological Description								
Mineralization								
85	89.9	3-5% pyrite concentrated in mafic bio laminations, weak pyr veinlets/stringers, replacement of pyrite by lim on fracture faces						
91	93.3	diss pyr and in stringers of qtz and white clay						
104.9	105	diss pyrite						
105	112	5% diss and in stringers varying from 3-5%						
114.3	115	trace pyrite in stringers						
115.3	117.4	pyrite in mafic lamination						
128	131	5% pyr in stockwork and within biotite laminations						
133.8	133.9	NR_Porphyry	2315576	133.8	133.9	0.01	8.15	32.86
sharp contact with light green, (hbl?) plag-phyric porphyry with strong pervasive carbonate-sericite alteration. Same as 147.1m								
Alteration								
133.8	133.9	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
133.9	147.1	Finlayson	2315576	133.9	135.1	0.01	8.15	32.86
		<i>qtz-carb breccia stockwork until 134.1 (cut by porphyry), at 140m breccia vein clasts of angular schist</i>	2315577	135.1	137.1	0.01	5.37	88.59
			2315578	137.1	139.1	0.01	10.91	102.77
			2315579	139.1	141.1	0.01	4.93	99.87
		Alteration	2315580	141.1	143.1	0.04	3.26	110.67
133.9	135	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong	2315581	143.1	145.1	0.01	1.58	129.69
			2315583	145.1	147.1	0.01	3.92	175.36
135	137	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong; strong carbonate and clay stockwork						
137	147.1	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
		Mineralization						
137	140	0.1 pyrite						
147.1	148.9	Porphyry	2315584	147.1	148.9	0.01	0.79	3.50
		<i>sharp contact with light green, (hbl?) plag-phyric porphyry with strong pervasive carbonate-sericite alteration</i>						
		Alteration						
147.1	148.9	phenos have been altered to white carbonate cly after plg and light green ser alter mafic phenos are subhedral rectangular laths, fractures are lim covered with tr pyr, pyr in discontinuous stringers, same texture as porphyry from top of hole WLF-13-001;						
		Mineralization						
147.1	148.9	pyrite in discontinuous stringers						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
148.9	157.2	Finlayson	2315585	148.9	150.9	0.01	7.99	88.61
		<i>from 152-158.2 interbedded, carbonaceous graphite laminae,</i>	2315586	150.9	152.9	0.01	7.72	164.56
		<i>core broken and rusty lim fracture faces; 155.1-155.5 and</i>	2315587	152.9	154.9	0.01	4.51	156.06
		<i>156.5-158.2 core rubble/broken</i>	2315588	154.9	156.9	0.01	11.58	151.76
			2315589	156.9	157.2	0.01	7.38	61.42
		Alteration						
148.9	157.2	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
		Mineralization						
150.8	151	5-3.5% pyrite in biotite lamination						
157.2	157.28	NR_Porphry	2315589	157.2	157.28	0.01	7.38	61.42
		<i>narrow, 18cm porphyry (same as above; 147.1-148.9)</i>						
		Alteration						
157.2	157.28	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
157.28	158.2	Finlayson	2315589	157.28	158.2	0.01	7.38	61.42
		Alteration						
#####	158.2	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
158.2	174.4	Breccia	2315592	158.2	160	0.02	4.34	6.32
		<i>fault breccia with slicks observed on fractures, white carb</i>	2315593	160	162.2	0.02	30.67	5.96
		<i>matrix grading to green ser cly, core intensely broken from</i>	2315594	162.2	164.6	0.01	3.71	9.24
		<i>161.2-161.8, clast size varies from sub-millimeter to 10cm,</i>	2315595	164.6	166.4	0.02	13.11	51.46
		<i>clasts and matrix-supported, patchy pyrite in matrix, varying</i>	2315596	166.4	168	0.01	5.05	11.59
		<i>degrees of bx intensity throughout, smaller clasts found</i>	2315597	168	170	0.01	4.59	56.74
		<i>proximal to upper and lower contacts, dark, black</i>	2315598	170	172	0.02	4.80	89.32
		<i>carbonaceous intervals from 164.5-174.4, cly gouge from</i>	2315599	172	174	0.03	1.65	213.32
		<i>169.6-171.1</i>	2315600	174	174.4	0.05	9.19	414.39
Alteration								
158.2	160	trace pyr (on fracture faces) replaced by lim with green ser clay; stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
160	166.1	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
166.1	171.9	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
171.9	172.8	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
172.8	174.4	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
Mineralization								
158.2	172.82	trace pyrite (on fracture faces) with most replaced by lim and associated with green ser? Clay						
#####	172.92	pyrite in discontinuous qtz following small seem of clay						
#####	174.4	pyrite in association with blebby chl after bio and patchy sil flooding						

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
174.4	219.2	Finlayson	2315600	174.4	176.1	0.05	9.19	414.39
		<i>dark grey foliated qtz-bio schist to gniess cut by late cal/carb</i>	2315601	176.1	178	0.01	2.03	14.52
		<i>stockwork veins, moderate to strong; 180.1-180.9m, weakly</i>	2315603	178	180	0.01	1.56	53.62
		<i>brecciated with stockwork cal and ser cly matrix, clast</i>	2315604	180	182	0.02	4.63	42.32
		<i>supported, carbonaceous and graphite band; 181.4-181.8,</i>	2315605	182	184	0.02	7.44	66.01
		<i>strong, patchy brown secondary biotite and replacement chl</i>	2315606	184	186	0.01	7.98	138.04
		<i>1% patchy pyr, blueish hue of felsics?, black radiating</i>	2315607	186	187.5	0.01	4.07	126.56
		<i>minerals (not hard) amphibole? (photo); 188.4m, gniess with</i>	2315608	187.5	189.5	0.01	2.71	60.65
		<i>thick intervals of qtz bands with chl after mafics; 197.1-</i>	2315609	189.5	191.6	0.01	10.57	65.16
		<i>198.5m, 8cm qtz breccia vein with ser altered clasts of schist</i>	2315612	191.6	193.6	0.01	12.21	54.35
		<i>immediately followed by calcite breccia vein with mm size,</i>	2315613	193.6	195.6	0.01	1.45	14.76
		<i>angular fresh schist clasts, vuggy with pyrite filling cavity</i>	2315614	195.6	197.5	0.01	4.93	17.85
		<i>(photo), 14cm light green carb-ser alteration halo in footwall</i>	2315615	197.5	199.6	0.01	5.46	69.60
		<i>of bx; 199.2-199.34m, cal breccia vein with alteration halo</i>	2315616	199.6	201.6	0.01	19.15	92.33
		<i>(same as described above); 199.64-200.1m, carbonaceous</i>	2315617	201.6	204	0.01	8.76	22.43
		<i>graphite beds; 216.2-216.5m; breccia interval, monomict,</i>	2315618	204	205.7	0.01	3.21	8.70
		<i>clasts up to 2cm angular meta clasts, matrix supported;</i>	2315619	205.7	207.7	0.01	1.82	40.98
		Alteration	2315620	207.7	210	0.03	10.17	15.66
174.4	181.4	stockwork cal +/- cly stringers and veinlets	2315621	210	211.8	0.01	1.91	6.53
		vary in intensity from weak to strong	2315623	211.8	213.5	0.01	2.53	4.32
181.4	181.8	stockwork cal +/- cly stringers and veinlets	2315624	213.5	216	0.01	1.61	12.33
		vary in intensity from weak to strong	2315625	216	217.7	0.01	3.70	5.91
181.8	193.7	stockwork cal +/- cly stringers and veinlets	2315626	217.7	219.2	0.01	1.06	4.08
		vary in intensity from weak to strong						
193.7	196	stockwork cal +/- cly stringers and veinlets						
		vary in intensity from weak to strong						
196	197	stockwork cal +/- cly stringers and veinlets						
		vary in intensity from weak to strong						
197	198.5	stockwork cal +/- cly stringers and veinlets						
		vary in intensity from weak to strong						
198.5	202	stockwork cal +/- cly stringers and veinlets						
		vary in intensity from weak to strong						

From (m) To (m)		Rock Code				
		Lithological Description	Sample	From (m)	To (m)	Au g/t Mo ppm Cu ppm
202	204	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong				
204	209.8	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong				
209.8	211.5	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong				
211.5	212.7	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong				
212.7	215	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong				
215	218	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong				
218	219.2	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong				
Mineralization						
187.5	187.7	3% pyr in mafic bands				
197.2	198.5	trace pyrite within cal breccia veins				
202	204	pyrite associated with blebs/patchy carb and chl				
204.8	215	trace to 1% diss and with blebs of white cal				

From (m)	To (m)	Rock Code	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		Lithological Description						
219.2	233.17	Finlayson	2315626	219.2	219.7	0.01	1.06	4.08
		<i>qtz-chl-bio banded gniess; 220.9-222.3m, micro-porphyroblasts (can scratch) white (pyroxene?) in mafic</i>	2315627	219.7	221.7	0.01	3.52	5.49
		<i>bands, gniess strongly folded from 222.1-222.6m; at 222.3m</i>	2315628	221.7	223.7	0.01	1.04	3.57
		<i>bx vein? With fine grained matrix supporting mm size angular</i>	2315629	223.7	225.7	0.01	1.17	4.32
		<i>clasts of qtz and intrusive? Looks fragmental; at 231.9m,</i>	2315632	225.7	227.7	0.01	2.32	4.90
		<i>small, 1cm wide cly gouge</i>	2315633	227.7	229.7	0.01	3.23	4.12
			2315634	229.7	231.7	0.01	1.12	3.54
			2315635	231.7	233.17	0.01	1.41	6.10
Alteration								
219.2	221	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
221	223	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
223	223.8	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
223.8	226	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
226	229	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
229	229.8	stockwork cal +/- cly stringers and veinlets vary in intensity from weak to strong						
Mineralization								
220.9	223.6	trace pyrite in laminae and associated with chl selvages						

Project	WLF	UTM_E*	580595.00	Survey Details			
Hole ID	WLF-13-006	UTM_N*	6874801.00	Depth (m)	Azimuth	Dip	
Target	Beach	Elevation	1415.00	0	315	-50.4	
Depth (m)	150.9	Start Date	8/4/2013	30	314.5	-50.1	
Type	Diamond	End Date	8/8/2013	80	316.2	-50.3	
Azimuth	315	Logged By	EL	130	316.3	-50	
Dip	-50.4	Drilled By	Kluane				
Core Size	NTW						

**coordinates in NAD83 UTM 7N.*

From (m)	To (m)	Rock Code						
Lithological Description			Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
0	1.5	OVB						

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
1.5	64.9	Beach Breccia	2315636	1.5	3.5	0.02	0.60	47.64
		<i>grey to very pale greenish white heterolithic breccia (clast supported) with sub-angular clasts of meta-sed (schist)</i>	2315637	3.5	5.5	0.01	1.05	182.40
		<i>Finlayson rock, diorite plg and porphyry. All lithologies intensely silicified and mafics have been strongly altered to chlorite (preceeding silicification) clast size up to 25cm along the core, trace to 0.5% diss blebs of pyrite with lim halos, late stockwork carb/cal stringers cross cutting all faric, tourmaline found as veins and as diss blebs throughout, overall color and texture is patchy as a result of multiple lithologies/clasts within the breccia; 27.3-27.8, orange fe-carb clay gouge (rubble); orange, pervasive, fe-carb breccia, top contact is sharp strong MnO stockwork throughout, overprinting of previous, silicification and veins, no sx, lower contact with silicified breccia is patchy/intermittent from 59.4-64.9, core strongly broken (rubble) from 56-57.7m; 62-62.8, clay gouge and broken core</i>	2315638	5.5	7.5	0.02	0.51	142.93
			2315639	7.5	9.5	0.02	1.15	121.69
			2315640	9.5	11.5	0.02	0.91	15.73
			2315641	11.5	13.5	0.03	0.61	41.34
			2315643	13.5	15.5	0.01	0.60	49.72
			2315644	15.5	17.5	0.04	0.63	39.38
			2315645	17.5	19.5	0.03	2.23	217.87
			2315646	19.5	21.5	0.02	0.67	40.93
			2315647	21.5	23.5	0.02	0.75	29.97
			2315648	23.5	25.5	0.05	0.87	13.10
			2315649	25.5	27.5	0.04	0.68	13.61
			2315652	27.5	29.8	0.04	0.60	26.54
			2315653	29.8	31.8	0.04	0.72	35.37
			2315654	31.8	33.8	0.02	0.65	37.01
			2315655	33.8	35.8	0.02	0.60	9.89
			2315656	35.8	37.8	0.03	1.02	24.59
1.5	27.3	trace to locally 0.5% blebby, diss pyrite with lim halos , strong replacement of all mafics, quartz and chlorite stockwork intensity locally increasing to strong, silicification overprinting all earlier alteration, sericite stringer/veinlets planer to sto	2315657	37.8	39.8	0.03	0.94	83.58
			2315658	39.8	41.8	0.06	5.64	283.82
			2315659	41.8	43.8	0.06	1.01	134.62
			2315660	43.8	45.8	0.03	0.65	42.01
			2315661	45.8	47	0.02	1.68	34.27
			2315663	47	48.6	0.04	0.76	21.03
			2315664	48.6	50.6	0.06	6.67	22.92
27.3	27.8	trace to locally 0.5% blebby, diss pyrite with lim halos , strong replacement of all mafics, quartz and chlorite stockwork intensity locally increasing to strong, silicification overprinting all earlier alteration, sericite stringer/veinlets planer to sto	2315665	50.6	52.6	0.02	0.42	16.66
			2315666	52.6	54.6	0.03	0.31	34.08
			2315667	54.6	56.6	0.02	0.91	11.77
			2315668	56.6	58.6	0.02	0.63	60.92
			2315669	58.6	60.6	0.04	7.15	10.46
			2315672	60.6	62.6	0.03	6.21	6.00
27.8	28.9	trace to locally 0.5% blebby, diss pyrite with lim halos , strong replacement of all	2315673	62.6	64.9	0.18	1.37	35.11

From (m) To (m) Rock Code

Lithological Description

Sample From (m) To (m) Au g/t Mo ppm Cu ppm

		mafics, quartz and chlorite stockwork intensity locally increasing to strong, silicification overprinting all earlier alteration, sericite stringer/veinlets planer to sto
28.9	32.1	trace to locally 0.5% blebby, diss pyrite with lim halos , strong replacement of all mafics, quartz and chlorite stockwork intensity locally increasing to strong, silicification overprinting all earlier alteration, sericite stringer/veinlets planer to sto
32.1	48.6	trace to locally 0.5% blebby, diss pyrite with lim halos , strong replacement of all mafics, quartz and chlorite stockwork intensity locally increasing to strong, silicification overprinting all earlier alteration, sericite stringer/veinlets planer to sto
48.6	64.9	orange, pervasive, fe-carb breccia, top contact is sharp strong MnO stockwork throughout, overprinting of previous, silicification and veins, no sx, lower contact with silicified breccia is patchy/intermittent from 59.4-64.9

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
64.9	81.1	Beach Breccia	2315674	64.9	66.9	0.09	4.61	23.73
		<i>green, intensely altered augen gniess, strongly pervasive</i>	2315675	66.9	68.9	0.11	1.22	78.20
		<i>carbonate alteration, pervasive silicification and sericitization</i>	2315676	68.9	70.9	0.06	0.89	44.64
		<i>cut by calcite stringers, strong chloritization of mafics and</i>	2315677	70.9	72.9	0.04	0.54	6.20
		<i>blebs of epidote with pyrite, pyrolusite present along</i>	2315678	72.9	74.9	0.07	0.84	7.77
		<i>fractures grading into bleached foliated schist? at ~75.3,</i>	2315679	74.9	76.9	0.05	1.03	4.78
		<i>blebs of tourmaline and quartz-chlorite veinlets of varying</i>	2315680	76.9	78.9	0.02	0.90	5.59
		<i>size and intensity throughout; likely a v. large clast/raft</i>	2315681	78.9	80.9	0.08	0.72	4.06
			2315683	80.9	81.1	0.03	6.28	6.23
Alteration								
64.9	81.1	blebs of epi-chl-cal associated with trace rusty pyrite, zones of 'obvious' brecciation throughout at 73.5, 74.7						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
81.1	95.3	Beach Breccia	2315683	81.1	82.9	0.03	6.28	6.23
		<i>81.1-84.9m, contact between diorite? Clast and mafic</i>	2315684	82.9	84.9	0.07	7.69	6.22
		<i>metamorphic with only very weak foliation, 83.7-84m, core</i>	2315685	84.9	86.9	0.23	41.92	3.79
		<i>very broken with MnO and lim on fractures; 84.2-84.6m, core</i>	2315686	86.9	88.9	0.44	1.27	2.64
		<i>broken;</i>	2315687	88.9	90.9	0.21	1.94	5.28
			2315688	90.9	92.9	0.15	0.46	5.53
		Alteration	2315689	92.9	94.9	0.23	5.89	4.37
81.1	90.1	alteration contact 81.1m, patchy, dark and light green, intense alteration, almost complete destruction/washing of grains and primary texture, up to 2cm blebs of tou and blebs of epi+chl+cal with rusty pyrite inside; up to 2cm blebs of tou and blebs of e	2315692	94.9	95.3	0.13	9.73	5.63
90.1	95.3	from 90.3-91.2m strong grey qtz stockwork; diorite interval, broken and pitted from 95.5-96.4 with clay and lim						
95.3	98.5	Beach Breccia	2315692	95.3	96.9	0.13	9.73	5.63
		<i>diorite interval, broken and pitted</i>	2315693	96.9	98.5	0.31	1.90	6.63
		Alteration						
95.3	98.5	from 90.3-91.2m strong grey qtz stockwork; diorite interval, broken and pitted from 95.5-96.4 with clay and lim						

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
98.5	135.3	Beach Breccia	2315693	98.5	98.9	0.31	1.90	6.63
		98.5-99.4m, pinkish qtz (band from meta-sed/gniess?); 99.4-104.4m, bleached dirotie interval, 104.4-109.9, 20cm wide breccia vein, matric supported calcite, with angular to sub-rounded quartz clasts (brecciated band of qtz from finlayson?); meta (schist?) unit at 134.4m	2315694	98.9	100.9	0.04	0.89	3.96
			2315695	100.9	102.9	0.06	5.23	4.16
			2315696	102.9	104.9	0.04	2.19	3.10
			2315697	104.9	106.9	0.08	0.77	2.98
			2315698	106.9	108.7	0.12	5.31	4.65
			2315699	108.7	110.7	0.06	7.29	6.38
		Alteration	2315700	110.7	112.7	0.05	10.49	5.13
98.5	99.4	pinkish quartz with strong stockwork cal veinlets and moderate blebs of cal-chl--epi with lim after pyrite, weak ser veinlets	2315701	112.7	114.7	0.24	4.54	5.92
			2315703	114.7	116	0.08	8.37	4.13
			2315704	116	117.3	0.11	9.81	10.68
99.4	100	strong stockwork quartz stringers, bleached/pale pinkish, inclusions of underlying, green-dark green altered meta rock? with tou, contact at 106.7	2315705	117.3	119.3	0.06	8.10	14.19
			2315706	119.3	121.3	0.04	5.31	10.81
			2315707	121.3	123.6	0.03	21.60	7.52
			2315708	123.6	125.6	0.02	5.28	18.92
100	104.9	strong stockwork quartz stringers, bleached/pale pinkish, inclusions of underlying, green-dark green altered meta rock? with tou, contact at 106.8; at 103m, cal-qtz vein with 1cm tou-quartz halo; at 103.4m, qtz vein with 2cm chl halo; inclusions of mottle	2315709	125.6	127.8	0.07	2.62	37.20
			2315712	127.8	130.2	0.05	1.62	13.27
			2315713	130.2	132.2	0.02	1.98	11.62
			2315714	132.2	134.4	0.02	7.17	11.25
			2315715	134.4	135.3	0.02	2.02	9.16
104.9	106.7	strong stockwork quartz stringers, bleached/pale pinkish, inclusions of underlying, green-dark green altered meta rock? with tou, contact at 106.9						
106.7	112.7	alteration contact, with same as alteration texture described 81.1-90.1m						
112.7	117.3	white and black tou-breccia vein cutting diorite? Tou is moderate to intense; 113.3m, three episodes of veins: 1) 1cm wide tou vein 2) 2mm qtz-chl-cal 3) cal veinlet						
119	123.7	strong pervasive sericite; 122-122.4m and						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		123.3-123.4m, wide quartz intervals, expressions of qtz banding in primary gniess??						
123.7	124.3	wide quartz intervals, expressions of qtz banding in primary gniess??						
124.3	134.4	bleached diorite unit, moderate ser after felsics strong chloritized mafics, weak to rare tou stringers and blebs						
134.4	135.3	137.2m, blebby tou (tr), strong pervasive calcite						
135.3	137.2	Beach Breccia	2315716	135.3	137.2	0.11	3.96	49.93
		<i>rusty orange clay gouge</i>						
		Alteration						
135.3	137.2	137.2m, blebby tou (tr), strong pervasive calcite						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
137.2	149.35	Beach Breccia	2315717	137.2	139.2	0.01	6.16	13.51
		<i>metamorphic clasts and diorite, becoming increasinly 'dioritic'</i>	2315718	139.2	141.2	0.01	3.04	19.74
		<i>near the bottom of the hole, still very bleached</i>	2315719	141.2	143.2	0.01	4.72	12.17
			2315720	143.2	145.2	0.01	6.01	13.63
		Alteration	2315721	145.2	147.2	0.01	8.93	17.37
			2315723	147.2	149.35	0.01	3.40	14.31
137.2	138.9	137.2m, blebby tou (tr), strong pervasive calcite						
138.9	149.35	145.8m, qtz-chl veinlet with trace pyrite						

Project	WLF	UTM_E*	543699.00	Survey Details			
Hole ID	WLF-13-007	UTM_N*	6880805.00	Depth (m)	Azimuth	Dip	
Target	Hailstorm	Elevation	1431.00	0**	360	-50	
Depth (m)	179.8	Start Date	8/4/2013	30	361.5	-50.2	
Type	Diamond	End Date	8/7/2013	80	360.5	-50.6	
Azimuth	360	Logged By	EL	130	361.7	-50.2	
Dip	-50	Drilled By	Kluane	179.8	363.5	-49.5	
Core Size	NTW						
							**missed shot at collar. Planned Azimuth/dip recorded here.
							*coordinates in NAD83 UTM 7N.

From (m)	To (m)	Rock Code						
Lithological Description			Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
0	2.3	OVB						

From (m)	To (m)	Rock Code		Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		Lithological Description							
2.3	31.5	NR_Granodiorite		2315724	2.3	4.3	0.01	0.43	12.04
		<i>relatively fresh with minor oxidation on fractures , grey,</i>		2315725	4.3	6.3	0.01	0.40	3.95
		<i>medium to coarse grained, hbl-biotite granodiorite cut by two</i>		2315726	6.3	7.6	0.01	0.42	2.57
		<i>orientations of rusty cal stringers (~45 TCA and 20 TCA)</i>		2315727	7.6	9.6	0.01	0.93	3.20
		<i>stringers at 45 are sheeted 1/10cm. Megacrystic plagioclase</i>		2315728	9.6	11.6	0.01	1.83	6.86
		<i>grains; from 12-12.3m orange clay gouge; 25.1-27m rounded</i>		2315729	11.6	13.6	0.01	1.78	9.65
		<i>diorite xenoliths; 31.5-31.52m 2cm aplite dyke</i>		2315732	13.6	15.6	0.05	0.72	19.14
				2315733	15.6	17.6	0.01	0.88	14.05
				2315734	17.6	19.6	0.01	2.10	28.06
		Alteration		2315735	19.6	21.6	0.01	1.00	6.08
7.6	15.6	moderate to strong stockwork calcite vein		2315736	21.6	23.6	0.01	20.92	9.59
		to locally calcite breccia vein		2315737	23.6	25.6	0.01	1.37	4.54
15.6	18.5	16.8m, lim halos around calcite veinlets		2315738	25.6	26.6	0.01	29.79	4.44
		and dgractures		2315739	26.6	28.6	0.01	2.13	6.34
				2315740	28.6	30.6	0.01	34.93	4.09
				2315741	30.6	31.5	0.01	97.95	3.58

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
31.5	114.8	NR_Granodiorite	2315741	31.5	32.6	0.01	97.95	3.58
		41.3m orange clay gouge; at 43m slicks on fracture surface.	2315743	32.6	34.6	0.01	20.09	3.69
		Granodiorite cut by cal-qtz chalcedony breccia, chacedony	2315744	34.6	36.6	0.01	0.98	9.59
		banded with cal and qtz from 46.6-48m. From 48-85m, bio-	2315745	36.6	37.5	0.01	1.60	8.67
		hbl granodiorite, relatively fresh with only minor chl after hbl,	2315746	37.5	39.5	0.01	4.99	13.74
		bio coarse grained with large 8cm plg megacrysts; at 75m	2315747	39.5	41.5	0.01	17.50	8.55
		minor fault? Rubble with perv cly and lim; From 85-85.5m,	2315748	41.5	43.5	0.06	23.89	11.75
		pale grey, very fine grained sheeted aplite dykes 1/10cm, no	2315749	43.5	45	0.02	1.07	13.54
		mineralization. At 110.6-110.9 core is broken rubbly and	2315752	45	46.6	0.02	44.28	27.67
		limonitic	2315753	46.6	48.6	0.01	16.23	8.09
			2315754	48.6	49.9	0.01	4.08	3.91
			2315755	49.9	51.9	0.01	5.15	5.48
Alteration			2315756	51.9	53.9	0.01	30.38	8.01
36	37.5	36m, sericite as halo around white calcite stringer	2315757	53.9	55.9	0.01	0.72	3.90
49.9	58.3	planar to locally stockwork cal veins	2315758	55.9	57.9	0.01	4.51	5.63
58.3	62.7	planar to locally stockwork cal veins	2315759	57.9	59.9	0.01	3.53	5.06
62.7	66	sheeted qtz-chl veinlets, 1/10cm with trace cpy+pyr, stringers generally less than 1mm wide, selective qtz-chl and qtz veins with pink ksp halos and ser; planar to locally stockwork cal veins	2315760	59.9	62	0.08	1.47	6.47
			2315761	62	64	0.01	0.76	25.88
			2315763	64	66	0.15	2.58	29.46
			2315764	66	68	0.01	0.76	9.38
			2315765	68	70	0.01	0.89	3.21
66	68.2	planar to locally stockwork cal veins	2315766	70	72	0.01	1.11	2.34
			2315767	72	74	0.01	2.62	4.01
68.2	74.6	planar to locally stockwork cal veins	2315768	74	76	0.02	0.94	10.33
74.6	75	planar to locally stockwork cal veins	2315769	76	78	0.01	0.91	2.81
84	85	sheeted qtz-chl veinlets 1/10cm	2315772	78	80	0.01	0.72	8.87
			2315773	80	82.3	0.01	1.16	12.86
85	85.5	sheeted qtz-chl veinlets 1/100cm	2315774	82.3	84.2	0.01	0.67	11.46
85.5	92.6	sheeted qtz-chl veinlets 1/100cm	2315775	84.2	86.2	0.01	0.76	38.19
92.6	96.6	92.6m, cal-ser+/-chl stringers @ 20 TCA with white and pink fespars selvages cutting earlier planar calcite veinlets @45 TCA	2315776	86.2	88.4	0.01	0.94	3.50
			2315777	88.4	90.4	0.01	0.72	4.50
			2315778	90.4	92.4	0.01	1.11	3.82
			2315779	92.4	94.5	0.01	0.64	2.29
			2315780	94.5	96.5	0.01	2.31	5.85

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
96.6	97.6	96.6m, qtz-chl veinlets with trace cpy and ksp selvages +/- ser	2315781	96.5	98.5	0.01	0.90	3.80
			2315783	98.5	100.6	0.01	1.10	2.43
98.5	101.4	qtz-chl veins 1/2m	2315784	100.6	102.6	0.01	14.31	4.54
101.4	105.9	qtz-chl veins 1/2m	2315785	102.6	104.6	0.01	1.37	2.39
105.9	108	qtz-chl veins 1/2m ; cal veins 1mm to 7mm with wide, up to 10cm, green ser selvages, ~ 1/10cm	2315786	104.6	105.9	0.01	14.97	2.28
			2315787	105.9	107.9	0.01	28.35	3.37
			2315788	107.9	109.9	0.01	14.65	7.66
			2315789	109.9	111.9	0.01	21.47	3.58
114.3	114.8	cal veins 1mm to 7mm with wide, up to 10cm, green ser selvages, ~ 1/10cm	2315792	111.9	113.9	0.01	6.40	3.70
			2315793	113.9	114.8	0.01	2.02	3.77
Mineralization								
62.7	66	cpy+pyr stringers, less than 1mm wide						
114.8	143.3	NR_Granodiorite	2315793	114.8	115.9	0.01	2.02	3.77
		<i>From 114.8-143.3m, pale pink, very fine grained, sheeted</i>	2315794	115.9	117.9	0.01	5.45	1.86
		<i>aprites 1/100cm cutting granodiorite up to 80cm length along</i>	2315795	117.9	119.9	0.01	18.96	2.62
		<i>core (not true width); at 141.7m 6cm, grey micro-</i>	2315796	119.9	121.9	0.01	1.03	1.68
		<i>granodiorite/aplite?;</i>	2315797	121.9	123.9	0.01	5.33	2.64
			2315798	123.9	125.9	0.01	4.10	2.84
			2315799	125.9	127.9	0.01	7.93	4.87
			2315800	127.9	129.9	0.03	1.09	22.21
			2315801	129.9	131.9	0.01	0.85	2.76
			2315803	131.9	132.6	0.01	0.78	2.07
			2315804	132.6	133.8	0.01	0.75	3.45
			2315805	133.8	135.8	0.01	10.98	2.37
			2315806	135.8	137.8	0.01	1.88	2.31
			2315807	137.8	139.8	0.01	3.46	7.51
			2315808	139.8	141.8	0.01	1.35	18.60
			2315809	141.8	143.3	0.01	1.51	6.88
Alteration								
139.3	141.3	140-141.2m, pink ksp? Salvage on green ser+cal stringers at 7 TCA						

From (m)	To (m)	Rock Code	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		Lithological Description						
143.3	160.8	NR_Granodiorite	2315809	143.3	143.8	0.01	1.51	6.88
		<i>relatively fresh, pinkish grey, coarse grained, hbl-bio</i>	2315812	143.8	145.8	0.01	0.95	2.24
		<i>granodiorite with rare plg mega-crysts <2cm; from 147-</i>	2315813	145.8	147.8	0.01	0.82	2.72
		<i>148.3m limonitic calcite and clay fractures with slicks at</i>	2315814	147.8	149.8	0.01	0.60	1.82
		<i>148.6m (no orientation possible) weak cal veinlets/stringers</i>	2315815	149.8	151.8	0.01	0.78	1.90
		<i>cutting granodiorite with or with out ser +/- chlorite</i>	2315816	151.8	153.8	0.01	0.74	1.83
		<i>alteration selvages of varying intensities; 159.6m large 7cm,</i>	2315817	153.8	155.8	0.01	2.23	3.15
		<i>dark green, fine grained hbl-diorite xenolith</i>	2315818	155.8	157.8	0.01	0.65	2.32
			2315819	157.8	159.8	0.01	0.76	2.34
			2315820	159.8	160.8	0.01	0.93	2.10
		Alteration						
143.3	146.8	at 145.4m, 1mm qtz veinlet no visible sx						
146.8	147.6	147.1m, 1cm white qtz vein with parallel fractures filled with orange fe-carb/clay, pervasive orange carb selvage 4cm, nosx						
147.6	155.1	149.6m., patchy ser halos around carb stringers						
155.1	157.2	156.7m, <1mm stringer of qtz-chl, no sx						
157.2	157.9	157.2m, 1mm qtz chl veinlet, no sx						
157.9	160	157.9m, green ser+chl selvages on carb veinlets						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
160.8	170.5	NR_Porphry	2315821	160.8	162.8	0.01	0.97	2.36
		<i>dark grey, crowded plg-phyric porphyry, fine grained, bio-hbl</i>	2315823	162.8	164.8	0.01	1.05	2.55
		<i>groundmass, phenos sub-rounded to sub-hedral up to 1x3cm</i>	2315824	164.8	166.5	0.01	0.84	2.28
		<i>'laths' with trace fine grained diorite xenoliths, contact is</i>	2315825	166.5	168.5	0.01	1.21	2.31
		<i>relatively sharp but not measurable</i>	2315826	168.5	170.5	0.01	0.83	1.85
170.5	179.8	NR_Granodiorite	2315827	170.5	172.5	0.01	1.00	1.98
		<i>minor fault zone? Core increasingly broken, orange and</i>	2315828	172.5	174.5	0.01	3.34	6.34
		<i>limonitic with multiple clay intervals and fractures filled by</i>	2315829	174.5	176.5	0.01	1.66	3.85
		<i>clay, slicks o fracture faces measured</i>	2315832	176.5	179.8	0.01	9.29	4.83

Project	WLF	UTM_E*	543702.00	Survey Details			
Hole ID	WLF-13-008	UTM_N*	6880640.00	Depth (m)	Azimuth	Dip	
Target	Hailstorm	Elevation	1445.00	2	359.6	-50.4	
Depth (m)	202.7	Start Date	8/13/2013	52	359.9	-50.1	
Type	Diamond	End Date	8/15/2013	102	360.3	-50.2	
Azimuth	359.6	Logged By	EL	152	359.9	-50	
Dip	-50.4	Drilled By	Kluane	202	360.3	-50.2	
Core Size	NTW						

**coordinates in NAD83 UTM 7N.*

From (m) To (m)		Rock Code						
		Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
0	1	OVB						

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
1	73.2	NR_Granodiorite	2315833	1	3	0.01	0.42	18.13
		grey to green/blue ser altered, medium grained hbl-bio	2315834	3	5	0.01	0.54	3.89
		granodiorite, carbonate veins with two orientations (0-10	2315835	5	7	0.01	0.32	2.72
		degrees TCA and 30-40 degrees TCA) Carbonate veins at 30-	2315836	7	9	0.01	0.58	11.51
		40 TCA parallel to fractures and with blue/green +/- rusty lim	2315837	9	11	0.02	0.52	24.03
		selvages, white feldspar (scheelite?) selvages found on select	2315838	11	13	0.01	0.88	4.08
		qtz-chl stringers, relatively fresh with patchy, weak to	2315839	13	15	0.01	1.10	4.65
		moderate chl replacement of mafics and ser after felsic	2315840	15	17	0.01	1.35	8.82
		generally associated with selvages on carb veins but locally	2315841	17	19	0.01	0.70	8.38
		pervasive, relatively fresh granodiorite is associated with	2315843	19	21	0.01	1.11	7.89
		dense sheeted qtz and lesser qtz-chl veins with mol-cpy-pyr	2315844	21	23	0.01	0.78	8.88
		mineralization; from 28.8-29m, clay gouge; at 37m, xenoliths	2315845	23	25	0.01	0.65	8.75
		of dark grey, very fine grained diorite, rounded <2cmx1cm;	2315846	25	27	0.01	0.73	5.59
		from 39.6-39.7m rusty limonitic, broken core. At 44.3m,	2315847	27	29	0.02	0.85	5.60
		relatively fresh, hbl-bio granodiorite with sheeted qtz veins,	2315848	29	31	0.01	0.82	4.04
		select veins have white feldspar (k-spar? Scheelite?) Pink ksp	2315849	31	33	0.01	1.06	2.36
		selvages on select qtz-chl and cal veins sub parallel to CA (54-	2315852	33	35	0.14	0.88	2.78
		60m). Core is broken with clay filled fractures with slicks at	2315853	35	37	0.01	1.75	6.95
		49.3m, 50.3, and 63m. At 72.8-72.85, 5cm pink, very fine	2315854	37	39	0.01	1.30	2.55
		grained aplite dyke	2315855	39	41	0.01	2.18	9.07
			2315856	41	42.3	0.01	1.08	2.32
			2315857	42.3	44.3	0.01	1.97	6.71
			2315858	44.3	46.3	0.05	13.45	10.87
			2315859	46.3	48.3	0.04	1.51	25.18
			2315860	48.3	50.3	0.11	3.60	28.07
			2315861	50.3	52.3	0.04	3.97	13.52
			2315863	52.3	54.3	0.01	1.86	8.16
			2315864	54.3	56.3	0.01	0.97	4.12
			2315865	56.3	58.3	0.02	2.70	4.80
			2315866	58.3	60.3	0.01	0.64	2.24
			2315867	60.3	62.3	0.01	1.13	3.43
			2315868	62.3	64.3	0.02	0.78	7.39
			2315869	64.3	66.3	0.01	1.99	3.60
			2315872	66.3	68.3	0.02	10.59	8.60
Alteration								
1	7.6	throughout hole cal/carb veins in two						
		orientations: 1) 30-40 degrees TCA 2) 0-15						
		degrees TCA, ser and chl and deeper ksp						
		alteration generally associated with						
		selvage on 0-15 TCA veins running almost						
		parallel to CA						
7.6	18.4	17.7m, chl stringer with pyr and cpy with						
		blue/green ser selvage						
21.95	24.8	23.9m, white selvages present on some						
		qtz-chl stringers: plg alteration ?						
25	34.9	30.8m, chl-cal-qtz veinlet 2mm with 2cm						
		pink ksp selvage; 33.9m parallel chl+fe-						
		carb vein, green and orange with 6cm						

From (m)	To (m)	Rock Code <i>Lithological Description</i>	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
		slevage of white feldspar? And pink ksp	2315873	68.3	70.3	0.01	2.20	10.61
		cut y rusty carb stringers	2315874	70.3	72.3	0.01	1.47	8.03
34.9	35.6	34.9m, long (parallel to CA) green cal -ser (cly) with pink ksp and ser selvage	2315875	72.3	73.2	0.01	1.03	4.41
35.6	39	strong, patchy ser and moderate chl replacement associated with an increase in car vein density, lim and cly infilling fractures, lim and ser also as stong selvages on fractures						
39	44.3	strong, patchy and pervasive ser, clay and lim						
44.3	44.8	44.3m, alteration contact between oxidized to fairly fresh granodiorite						
60	67.1	lim and cly halos around carb veins and on fractures						
73.2	73.9	NR_Granodiorite	2315875	73.2	73.9	0.01	1.03	4.41
		<i>fault zone?, core strongly broken rubble</i>						

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
73.9	119.5	NR_Granodiorite	2315875	73.9	74.3	0.01	1.03	4.41
		<i>at 79.6 1cm wide aplite dyke cut and offset by qtz-cal stringer; from 89.4-89.5m, clay fault gouge? Followed by strong pervasive sericite. Relatively fresh granodiorite with only very weak chl after mafics; at 117.2m, 5x6cm dark grey fine grained diorite xenolith</i>	2315876	74.3	76.2	0.01	0.63	2.02
			2315877	76.2	78.2	0.01	4.33	2.15
			2315878	78.2	80	0.01	2.56	4.95
			2315879	80	81.5	0.01	2.21	5.41
			2315880	81.5	83.5	0.01	1.51	5.82
			2315881	83.5	85.5	0.01	2.54	30.38
			2315883	85.5	87.5	0.01	7.98	11.00
		Alteration	2315884	87.5	90.1	0.01	2.38	12.65
76.2	81.5	short gradational alteration contact at 76.2m (following 2mm of crumbled rock) between relatively fresh rock and strongly altered ; from 76.2-81.5m, strongly altered pervasively altered with limonite and clay, felsics completely gone to ser/cly, and mafi	2315885	90.1	92.1	0.01	2.19	61.05
			2315886	92.1	94.1	0.01	3.73	19.88
			2315887	94.1	96.1	0.01	0.91	17.06
			2315888	96.1	98.1	0.01	1.20	15.67
			2315889	98.1	100	0.01	1.02	6.63
			2315892	100	102	0.01	0.75	3.56
90.1	93	90.1m, relatively fresh granodiorite with weak patchy ser replacing plg and as halos around carb veins	2315893	102	104	0.01	1.54	5.80
			2315894	104	106	0.01	2.10	4.62
			2315895	106	108	0.01	0.83	4.13
102.3	102.4	ksp halo on qtz-chl veinlet and density of qtz-chl increasing to 1/20cm	2315896	108	110	0.01	0.96	7.84
			2315897	110	112	0.03	12.64	17.20
			2315898	112	114	0.01	0.79	2.50
			2315899	114	116	0.01	33.77	19.08
			2315900	116	118	0.01	0.80	4.10
			2315901	118	119.5	0.01	0.79	2.61
119.5	120.4	NR_Granodiorite	2315903	119.5	120.4	0.01	0.95	9.06
		<i>clay rich crumbly core (fault zone?)</i>						

From (m)	To (m)	Rock Code Lithological Description	Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
120.4	202.69	NR_Granodiorite at 132.4m, 3.5cm cly gouge at 25 degrees TCA; at 134.8m, granodiorite cut by 1cm, fine grained aplite dyke at same orientation as mineralized veins; from 161.7-162.4m and 178.3-202.69m, 3cm-8cm wide very fine grained diorite xenoliths; fine grained micro-diorite (~10% mafics) up to 18cm wide cut granodiorite at 184.2, 197.8, and 202.2m	2315903	120.4	121.5	0.01	0.95	9.06
			2315904	121.5	123.5	0.01	1.54	11.41
			2315905	123.5	125.5	0.01	1.49	27.53
			2315906	125.5	127.5	0.02	1.61	23.06
			2315907	127.5	129.5	0.01	4.71	10.46
			2315908	129.5	131.5	0.01	14.22	8.33
			2315909	131.5	133.5	0.01	1.14	7.62
			2315912	133.5	135.5	0.01	10.83	33.96
			2315913	135.5	137.2	0.01	3.72	10.00
		Alteration	2315914	137.2	139.2	0.01	1.26	15.43
120.5	124.4	white feldspar halo on selective qtz-chl veins, patchy intervals of ser+chl alteration with intervals of fairly fresh rock, mineralized sheeted vein found in patches of fresh rock, ser alteration as selvage , fracture fill or car/cal veins in both orienta	2315915	139.2	141.2	0.01	0.77	7.42
			2315916	141.2	143.2	0.01	1.67	9.63
			2315917	143.2	145.2	0.01	0.67	4.98
			2315918	145.2	147.2	0.01	1.56	3.56
			2315919	147.2	149.2	0.01	0.92	1.31
			2315920	149.2	151.5	0.01	1.91	7.83
137.2	143.9	green cal-chl veinlets 1/5-6cm at 25 degrees TCA, sheeted, moderate replacement of mafics by chlorite and moderate replacement of plg by blue-ish ser; 141.1-143.1m, interval of relatively fresh rock	2315921	151.5	153.5	0.01	1.33	25.31
			2315923	153.5	155.4	0.01	1.44	3.48
			2315924	155.4	157.4	0.01	0.77	2.52
			2315925	157.4	159.4	0.01	0.67	2.39
			2315926	159.4	161.4	0.01	2.36	4.56
143.9	146.6	143.9-144.3m, interval of strong pervasive ser halo around a series of parallel cal veins	2315927	161.4	163.4	0.01	2.70	11.77
			2315928	163.4	165.4	0.01	3.88	5.20
			2315929	165.4	166.7	0.01	0.60	2.06
159.4	162.3	153.6-181.4m, white feldspar and pink ksp halos appears to be alt associated with select carb veinlets sub-parallel to CA(?),	2315932	166.7	168.7	0.01	1.10	4.06
			2315933	168.7	171.7	0.01	1.31	5.54
			2315934	171.7	173.7	0.01	0.78	1.62
			2315935	173.7	175.7	0.01	0.94	3.70
162.3	165	153.6-181.4m, white feldspar and pink ksp halos appears to be alt associated with select carb veinlets sub-parallel to CA(?),	2315936	175.7	177.7	0.01	0.88	3.56
			2315937	177.7	179.8	0.01	0.70	3.92
			2315938	179.8	181.8	0.01	1.17	2.66
			2315939	181.8	183.8	0.01	0.87	2.58
165	168.7	153.6-181.4m, white feldspar and pink	2315940	183.8	185.8	0.01	0.82	3.94
			2315941	185.8	187.8	0.01	0.93	4.29

From (m) To (m) Rock Code

Lithological Description

Sample From (m) To (m) Au g/t Mo ppm Cu ppm

168.7 171.7 ksp halos appears to be alt associated with select carb veinlets sub-parallel to CA(?),
light green, strongly sericitized interval, mafics replaced by chlorite; 153.6-181.4m, white feldspar and pink ksp halos appears to be alt associated with select carb veinlets sub-parallel to CA(?),

171.7 175.4 171.7-202.69m, relatively fresh hbl-bio granodiorite with only trace veins, very weak alteration of mafics to chlorite; 153.6-181.4m, white feldspar and pink ksp halos appears to be alt associated with select carb veinlets sub-parallel to CA(?),

175.4 181.4 153.6-181.4m, white feldspar and pink ksp halos appears to be alt associated with select carb veinlets sub-parallel to CA(?),

181.4 189.4 153.6-181.4m, white feldspar and pink ksp halos appears to be alt associated with select carb veinlets sub-parallel to CA(?),

189.4 198.3 153.6-181.4m, white feldspar and pink ksp halos appears to be alt associated with select carb veinlets sub-parallel to CA(?),

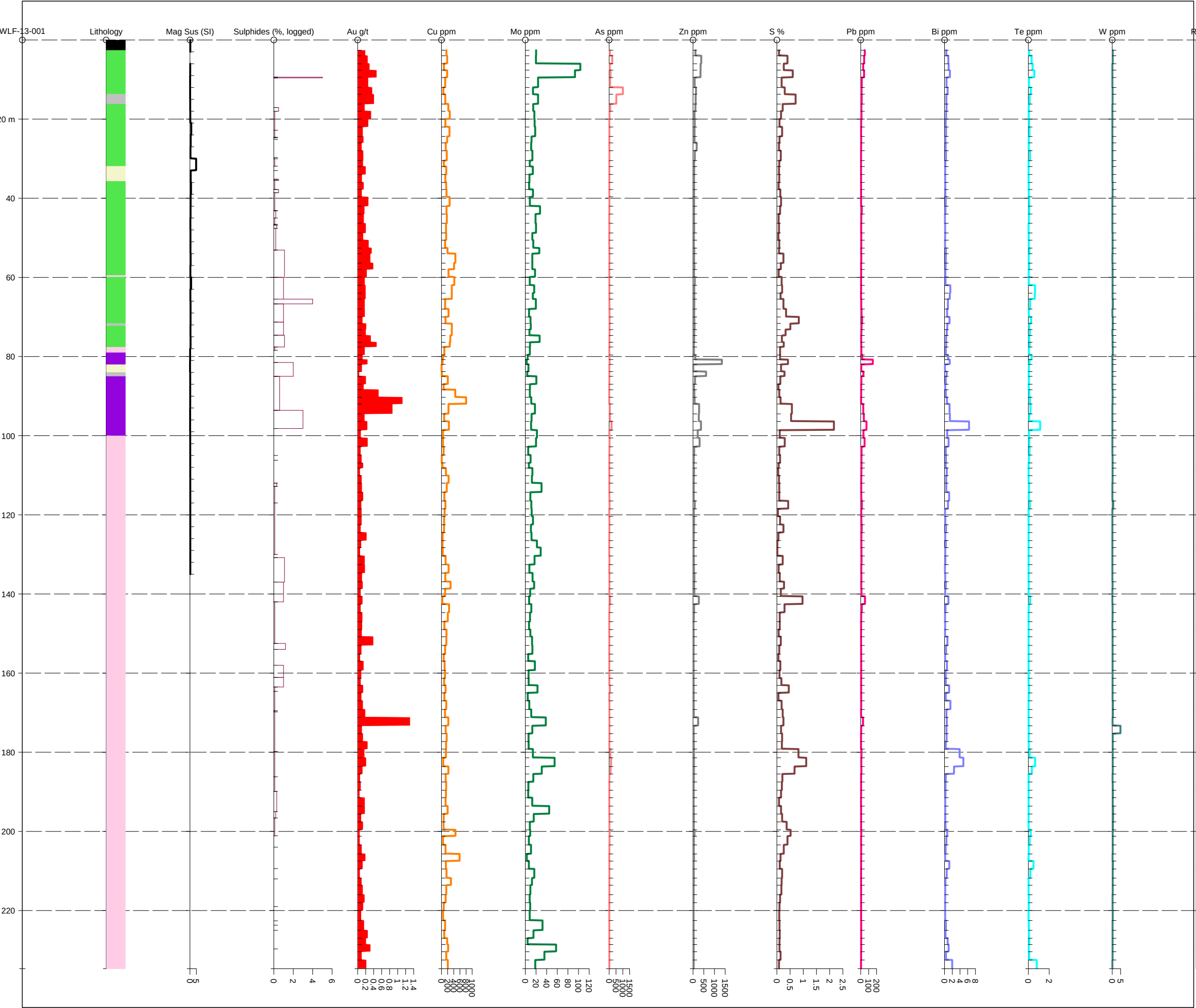
198.3 202.69 200.1m <1mm qtz? Stinger with 1cm ksp selvage; 200.56 crumbly cal filled fracture; 153.6-181.4m, white feldspar and pink ksp halos appears to be alt associated with select carb veinlets sub-parallel to CA(?),

2315943 187.8 189.8 0.01 0.84 3.75
2315944 189.8 191.8 0.01 1.72 7.87
2315945 191.8 193.8 0.01 2.35 5.30
2315946 193.8 195.8 0.01 39.07 5.46
2315947 195.8 197.8 0.01 2.00 3.66
2315948 197.8 199.8 0.01 1.15 5.77
2315949 199.8 201.3 0.01 0.79 6.76
2315952 201.3 202.69 0.01 0.77 6.63

From (m)	To (m)	Rock Code						
Lithological Description			Sample	From (m)	To (m)	Au g/t	Mo ppm	Cu ppm
Mineralization								
163.6	164.1	qtz-chl stringers with tr cpy						

APPENDIX V

STRIP LOGS



STRIP LOG: WLF-13-001

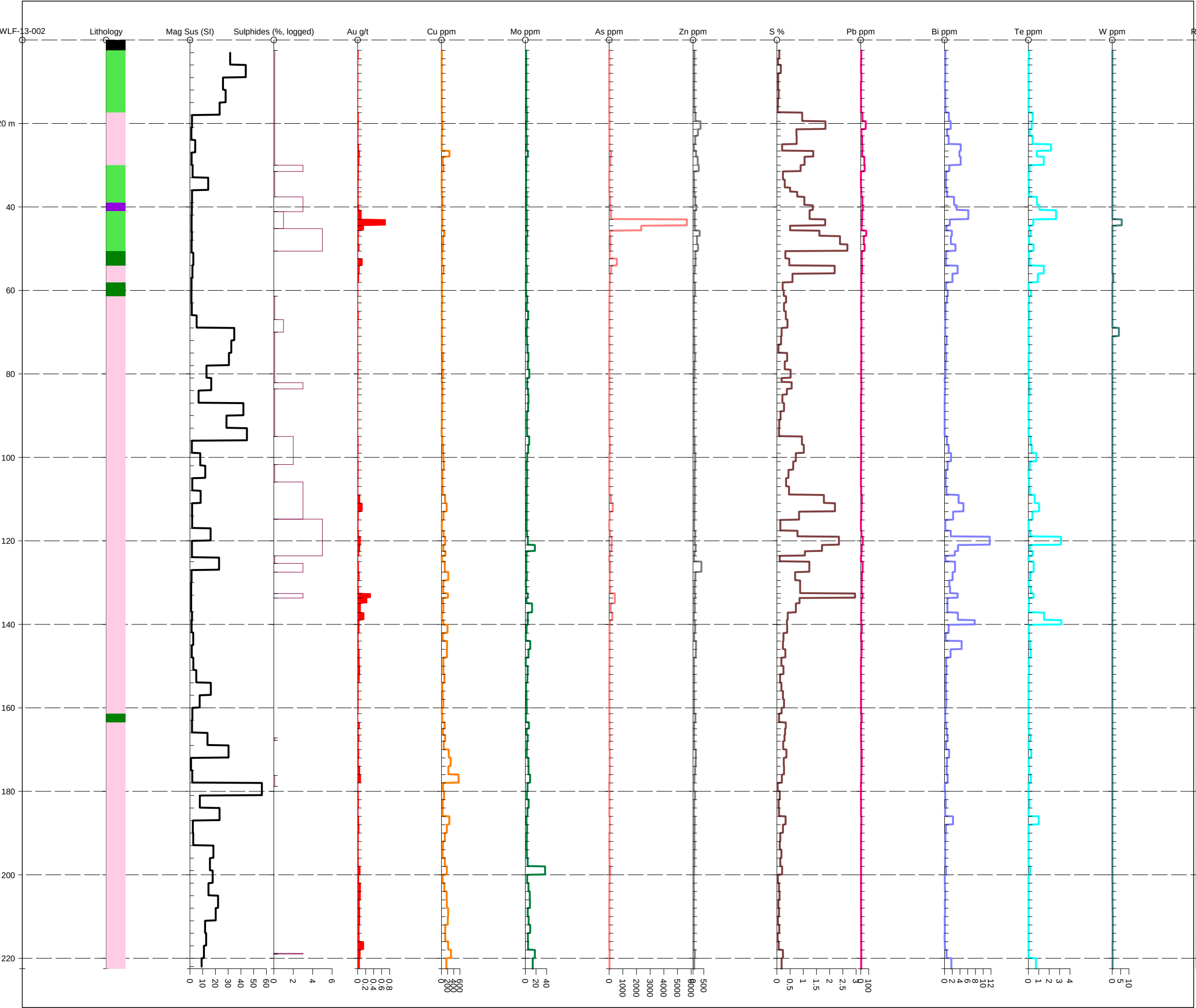
Easting	Northing	RL	Azimuth	Dip	Depth
580990.0	6875204.0	1409.0	303.9	-87.9	234.7

STRIP

1	Lithology	PAT	LABEL	DESCRIPTION
			Diorite_green	green diorite
			Diorite_SP	salt and pepper diorite
			Fault	fault
			Porphyry	porphyry
			Breccia	breccia
			OVB	overburden

2	Mag Sus (SI)	LINE	—	
3	Sulphides (% logged)	BAR PLOT		
4	Au g/t	LINE	—	
5	Cu ppm	LINE	—	
6	Mo ppm	LINE	—	
7	As ppm	LINE	—	
8	Zn ppm	LINE	—	
9	S %	LINE	—	
10	Pb ppm	LINE	—	
11	Bi ppm	LINE	—	
12	Te ppm	LINE	—	
13	W ppm	LINE	—	

Teck



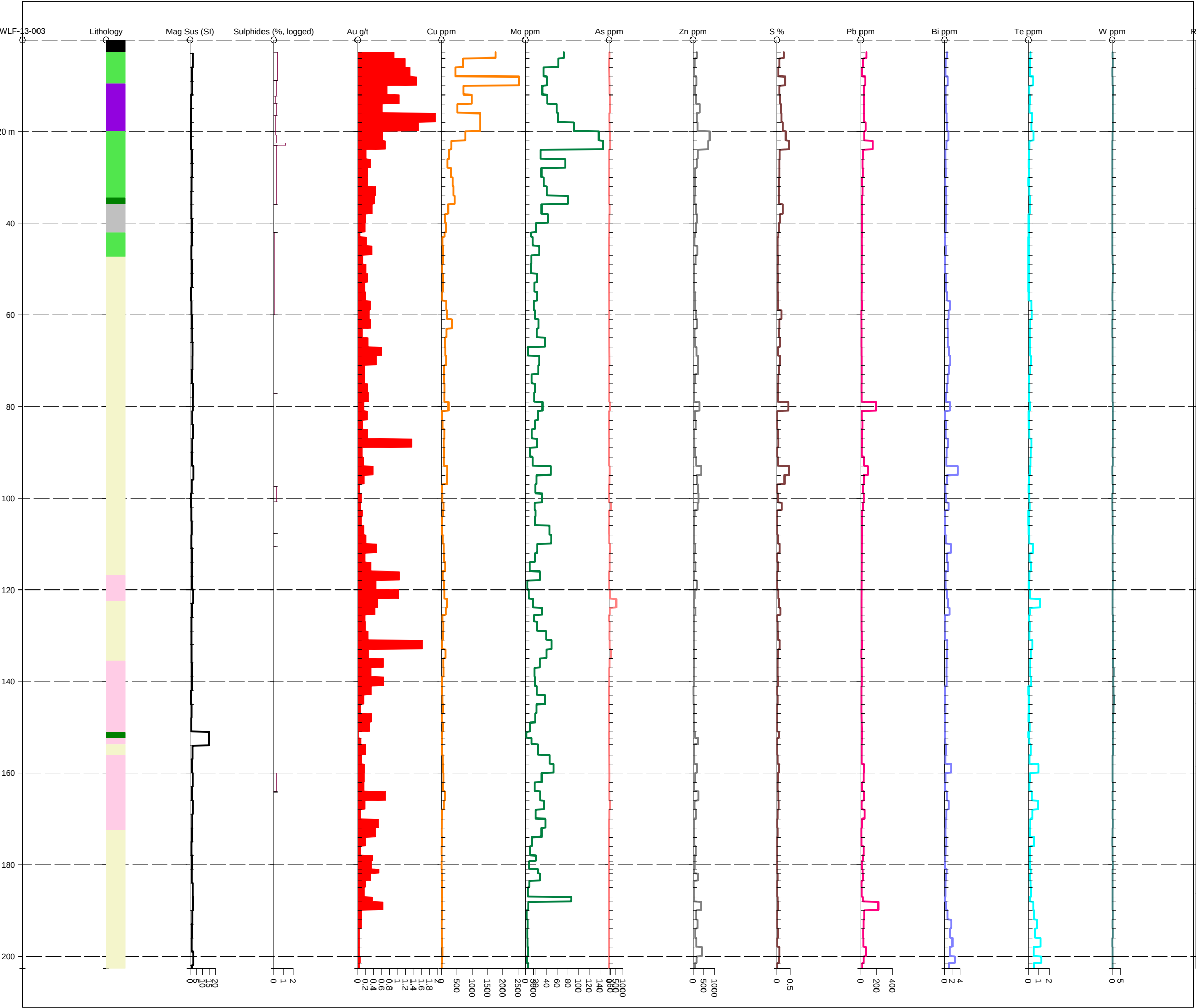
STRIP LOG: WLF-13-002

Easting	Northing	RL	Azimuth	Dip	Depth
581003.0	6875500.0	1415.0	229.2	-89.7	222.5

STRIP

1	Lithology	PAT	LABEL	DESCRIPTION
			Diorite_green	green diorite
			Diorite_SP	salt and pepper diorite
			Porphyry	porphyry
			Lamprophyre	lamprophyre
			OVB	overburden

2	Mag Sus (SI)	LINE	—
3	Sulphides (% logged)	BAR PLOT	□
4	Au g/t	LINE	—
5	Cu ppm	LINE	—
6	Mo ppm	LINE	—
7	As ppm	LINE	—
8	Zn ppm	LINE	—
9	S %	LINE	—
10	Pb ppm	LINE	—
11	Bi ppm	LINE	—
12	Te ppm	LINE	—
13	W ppm	LINE	—



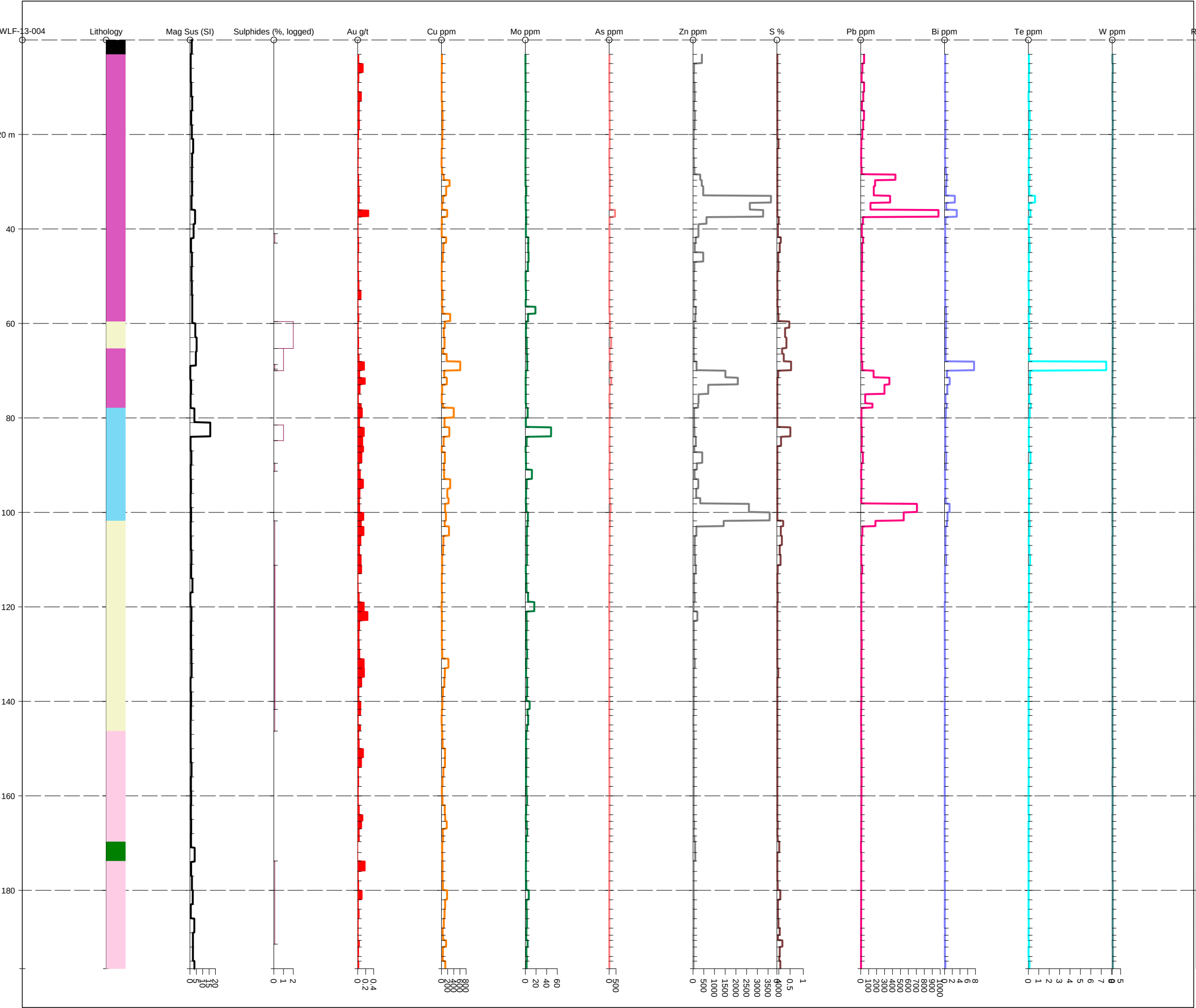
STRIP LOG: WLF-13-003

Easting	Northing	RL	Azimuth	Dip	Depth
581106.0	6875204.0	1418.0	93.2	-49.7	202.7

STRIP

1	Lithology	PAT	LABEL	DESCRIPTION
		Diorite_green	Diorite_green	green diorite
		Diorite_SP	Diorite_SP	salt and pepper diorite
		Fault	Fault	fault
		Porphyry	Porphyry	porphyry
		Breccia	Breccia	breccia
		Lamprophyre	Lamprophyre	lamprophyre
		OVb	OVb	overburden

2	Mag Sus (SI)	LINE	
3	Sulphides (% logged)	BAR PLOT	
4	Au g/t	LINE	
5	Cu ppm	LINE	
6	Mo ppm	LINE	
7	As ppm	LINE	
8	Zn ppm	LINE	
9	S %	LINE	
10	Pb ppm	LINE	
11	Bi ppm	LINE	
12	Te ppm	LINE	
13	W ppm	LINE	



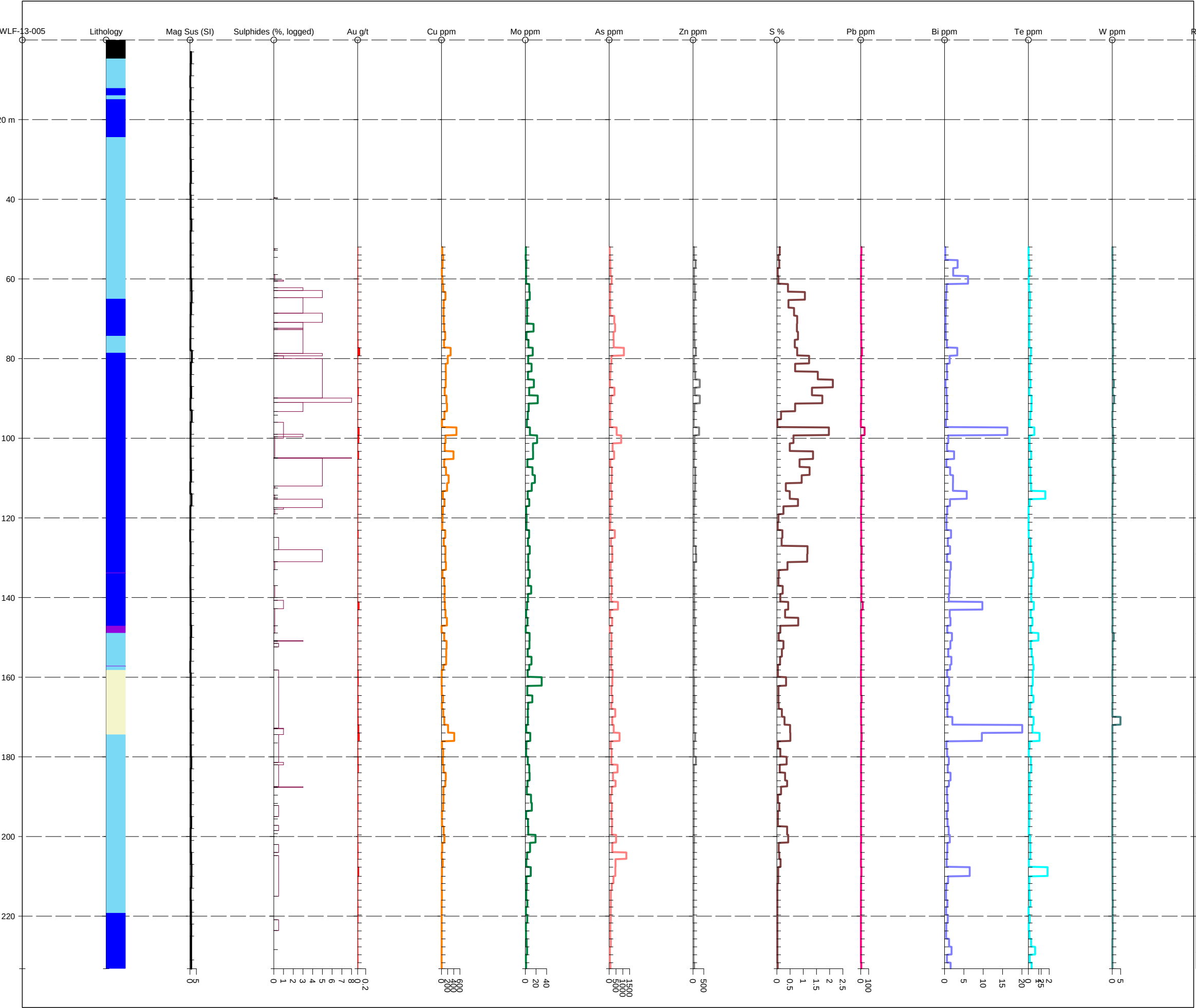
STRIP LOG: WLF-13-004

Easting	Northing	RL	Azimuth	Dip	Depth
580999.0	6874905.0	1447.0	338.7	-88.6	196.6

STRIP

1	Lithology	PAT	LABEL	DESCRIPTION
			Diorite_SP	salt and pepper diorite
			Diorite_undiff	undifferentiated diorite
			Breccia	breccia
			Lamprophyre	lamprophyre
			Schist	schist
			OVB	overburden

2	Mag Sus (SI)	LINE	
3	Sulphides (% logged)	BAR PLOT	
4	Au g/t	LINE	
5	Cu ppm	LINE	
6	Mo ppm	LINE	
7	As ppm	LINE	
8	Zn ppm	LINE	
9	S %	LINE	
10	Pb ppm	LINE	
11	Bi ppm	LINE	
12	Te ppm	LINE	
13	W ppm	LINE	



STRIP LOG: WLF-13-005

Easting	Northing	RL	Azimuth	Dip	Depth
581600.0	6874300.0	1349.0	170.7	-89.5	233.2

STRIP

1

Lithology

PAT

LABEL

DESCRIPTION

Porphyry

Porphyry

porphyry

Breccia

Breccia

breccia

Gniess

Gniess

gniess

Schist

Schist

schist

OVB

OVB

overburden

2

Mag Sus (SI)

LINE

—

3

Sulphides (% logged)

BAR PLOT

4

Au g/t

LINE

—

5

Cu ppm

LINE

—

6

Mo ppm

LINE

—

7

As ppm

LINE

—

8

Zn ppm

LINE

—

9

S %

LINE

—

10

Pb ppm

LINE

—

11

Bi ppm

LINE

—

12

Te ppm

LINE

—

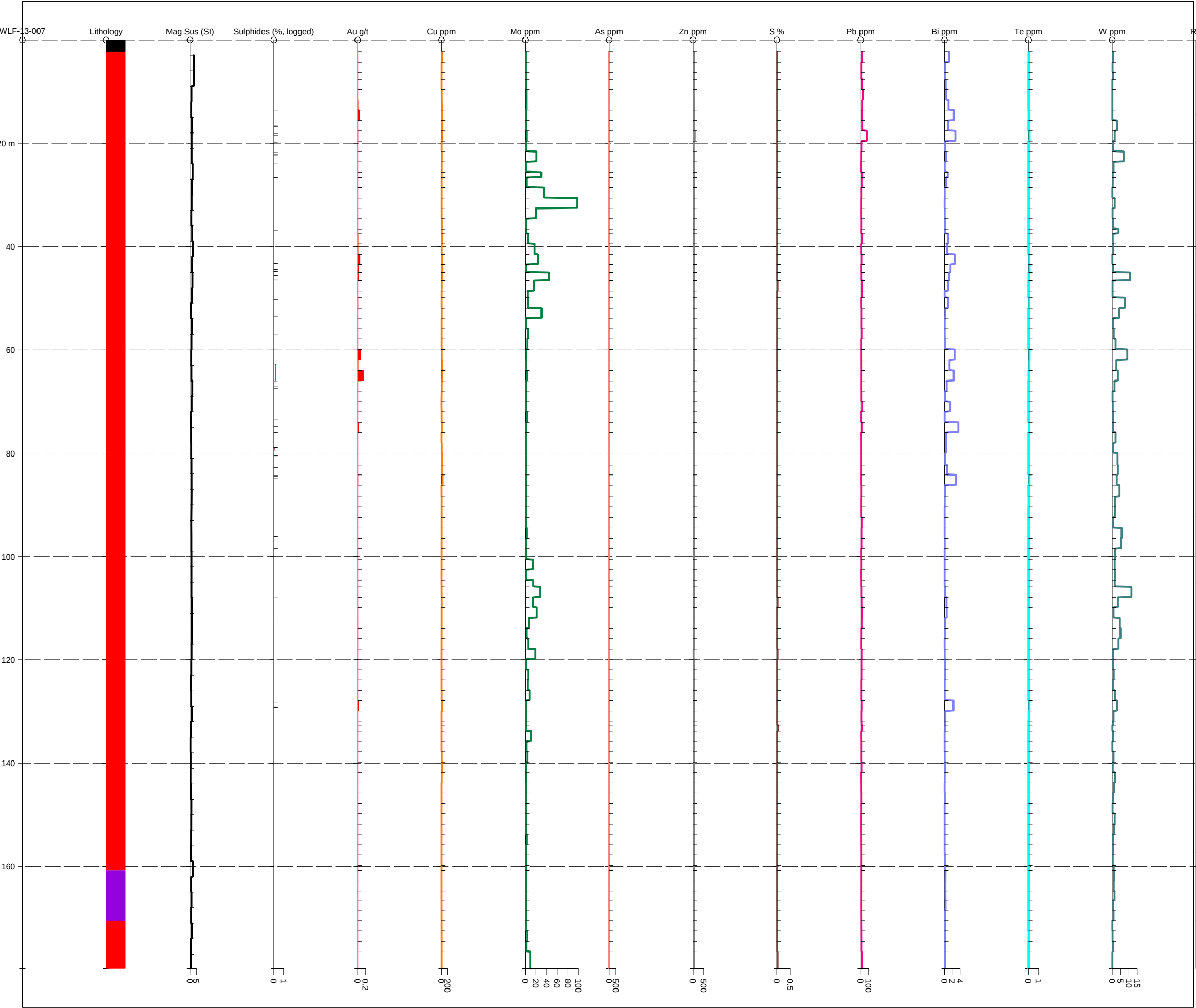
13

W ppm

LINE

—

Teck



STRIP LOG: WLF-13-007

Easting	Northing	RL	Azimuth	Dip	Depth
543699.0	6880805.0	1431.0	360.0	-50.0	179.8

STRIP

1

Lithology

PAT

LABEL

DESCRIPTION

Granodiorite

granodiorite

Porphyry

porphyry

OVB

overburden

2

Mag Sus (SI)

LINE

3

Sulphides (% logged)

BAR PLOT

4

Au g/t

LINE

5

Cu ppm

LINE

6

Mo ppm

LINE

7

As ppm

LINE

8

Zn ppm

LINE

9

S %

LINE

10

Pb ppm

LINE

11

Bi ppm

LINE

12

Te ppm

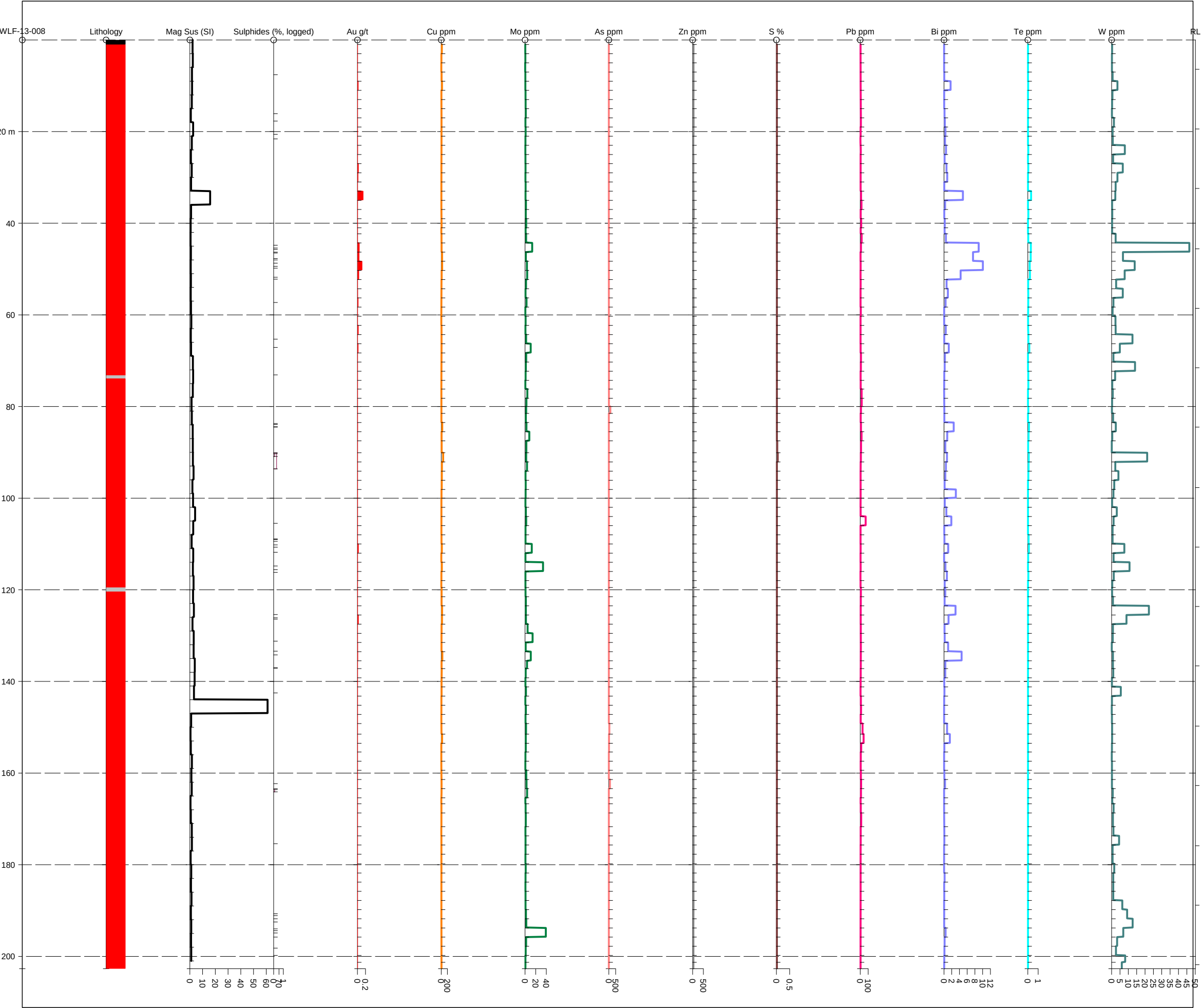
LINE

13

W ppm

LINE

Teck



STRIP LOG: WLF-13-008

Easting	Northing	RL	Azimuth	Dip	Depth
543702.0	6880640.0	1445.0	359.6	-50.4	202.7

STRIP

1	Lithology	PAT	LABEL	DESCRIPTION
			Granodiorite	granodiorite
			Fault	fault
			OVB	overburden

2	Mag Sus (SI)	LINE	
3	Sulphides (% logged)	BAR PLOT	
4	Au g/t	LINE	
5	Cu ppm	LINE	
6	Mo ppm	LINE	
7	As ppm	LINE	
8	Zn ppm	LINE	
9	S %	LINE	
10	Pb ppm	LINE	
11	Bi ppm	LINE	
12	Te ppm	LINE	
13	W ppm	LINE	

Teck

APPENDIX VI

SOIL GEOCHEMICAL ANALYTICAL CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Karen Weir and Rupa Mukherjee
Receiving Lab: Canada-Whitehorse
Received: July 19, 2013
Report Date: August 07, 2013
Page: 1 of 6

CERTIFICATE OF ANALYSIS

WHI13000168.1

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_001
P.O. Number
Number of Samples: 150

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	150	Dry at 60C			WHI
SS80	142	Dry at 60C sieve 100g to -80 mesh		Completed	WHI
RJSV	142	Saving all or part of Soil Reject			WHI
1F06	150	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
2A05	147	Loss on Ignition at 1000 C		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. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI13000168.1

	Method	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1731001	Soil	95.00	630.0	1.94	55.96	15.37	65.1	364	18.5	9.6	521	2.09	80.0	1.3	19.5	1.1	44.9	0.53	1.26	0.25	52
1731002	Soil	203.0	937.0	1.72	45.45	17.75	77.7	289	24.1	10.6	435	2.49	95.0	1.2	22.7	3.1	37.0	0.34	2.25	0.28	66
1731003	Soil	101.0	504.0	0.61	23.70	3.64	28.0	68	7.0	4.1	157	1.02	4.1	0.3	1.3	0.1	19.4	0.13	0.28	0.08	21
1731004	Soil	97.00	748.0	1.43	56.02	17.09	140.1	702	26.8	12.3	563	2.77	10.7	0.9	5.8	1.0	31.5	1.58	0.90	0.25	63
1731005	Soil	87.00	514.0	2.71	36.10	11.18	88.3	136	27.5	16.3	929	3.43	11.0	0.7	2.2	0.4	31.5	0.38	0.99	0.22	79
1731006	Soil	87.00	590.0	1.39	42.23	22.52	70.4	481	23.3	10.4	318	2.83	10.0	1.0	3.7	1.0	33.0	0.30	0.99	0.18	63
1731007	Soil	76.00	883.0	5.18	83.27	17.27	127.5	299	38.8	28.2	335	3.19	33.7	2.1	9.0	0.7	31.7	0.63	1.13	0.67	46
1731008	Soil	146.0	576.0	1.41	35.50	6.12	36.3	130	15.2	10.8	339	1.82	41.3	1.0	3.5	0.5	46.7	0.13	2.33	0.14	33
1731009	Soil	49.00	507.0	0.51	16.91	2.18	12.1	94	4.3	3.1	41	0.72	5.5	0.8	4.7	0.1	14.3	0.48	0.20	0.04	16
1731010 Stream-12	Soil Pulp			9.09	68.23	12.03	86.9	371	42.0	14.9	557	3.65	11.5	1.9	34.9	3.3	107.1	0.55	0.82	0.23	74
1731011	Soil	111.0	398.0	1.66	20.04	10.34	41.4	276	16.7	5.7	190	1.69	6.6	0.5	1.8	0.9	54.3	0.27	0.51	0.13	38
1731012	Soil	119.0	414.0	1.44	40.17	11.35	42.3	273	17.1	8.9	303	2.14	7.6	0.9	26.9	1.3	15.4	0.36	0.51	0.14	47
1731013	Soil	122.0	412.0	0.60	18.09	3.96	29.2	129	7.6	4.1	212	0.86	2.3	0.4	1.0	0.1	23.3	0.22	0.21	0.07	18
1731014	Soil	83.00	463.0	0.46	13.51	3.73	17.9	53	4.8	2.3	92	0.64	1.8	0.3	0.5	<0.1	13.7	0.11	0.17	0.05	13
1731015	Soil	33.00	401.0	1.74	25.10	11.58	41.0	282	12.1	6.0	168	1.76	11.7	0.7	1.8	0.3	20.3	0.61	2.97	0.14	40
1731016	Soil	87.00	461.0	0.96	22.43	8.67	36.9	141	10.7	6.5	279	1.38	4.3	0.6	1.7	0.2	30.6	0.27	0.36	0.10	28
1731017	Soil	43.00	568.0	0.76	27.56	7.65	44.2	101	11.9	6.1	162	1.41	4.8	0.4	0.6	0.2	21.9	0.14	0.38	0.09	29
1731018	Soil	42.00	369.0	1.56	21.33	11.86	45.6	111	14.2	5.9	179	1.90	5.4	0.5	2.0	0.2	22.8	0.24	0.60	0.14	44
1731019	Soil	109.0	377.0	1.36	26.98	10.66	50.3	244	12.1	5.6	188	1.57	8.7	0.6	3.3	0.4	23.5	0.34	0.45	0.16	36
1731020	Soil	309.0	429.0	1.75	24.70	19.32	112.3	175	16.2	8.4	335	1.95	26.8	0.7	14.7	1.3	27.2	1.06	1.03	0.30	49
1731021	Soil	27.00	231.0	1.41	109.0	9.99	28.5	293	9.0	3.7	97	0.89	6.2	4.8	4.8	1.0	28.3	0.34	0.38	0.13	13
1731022	Soil	55.00	185.0	2.29	38.18	14.23	35.5	176	8.8	2.8	70	0.81	5.0	1.5	4.1	0.6	35.5	0.24	0.46	0.09	12
1731023	Soil	148.0	434.0	1.17	39.69	4.36	18.7	210	6.6	2.8	62	0.87	15.1	1.4	3.9	0.4	20.6	0.09	0.59	0.12	17
1731024	Soil	69.00	357.0	0.78	37.34	5.48	17.1	158	6.3	3.6	109	0.86	5.5	1.1	1.7	0.2	18.8	0.18	0.43	0.10	13
1731025	Soil	61.00	376.0	1.37	70.02	4.53	19.7	222	6.0	2.7	62	0.87	6.3	0.6	5.5	0.1	22.6	0.14	0.33	0.12	15
1731026	Soil	134.0	399.0	0.77	7.93	4.59	11.1	71	2.2	1.4	46	0.53	5.3	0.2	0.7	0.1	8.0	0.06	0.12	0.05	12
1731027	Soil	103.0	899.0	2.86	29.31	14.42	53.3	187	13.9	7.6	697	1.69	9.8	0.7	7.7	0.5	22.8	0.39	0.51	0.18	41
1731028	Soil	97.00	542.0	0.25	11.59	2.58	10.4	55	2.0	1.8	35	0.49	0.9	0.2	0.6	0.1	9.7	0.08	0.07	0.03	11
1731029	Soil	188.0	376.0	1.10	26.71	10.78	71.5	326	19.0	9.0	493	2.07	28.7	1.0	7.2	0.7	40.0	0.37	0.76	0.27	48
1731030	Soil Pulp			1.12	22.22	1.18	20.9	863	6.9	4.3	100	1.41	1.1	0.2	120.4	0.4	15.1	0.03	1.13	1.83	25

CERTIFICATE OF ANALYSIS

WHI13000168.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
1731001	Soil	0.76	0.102	20.2	24.5	0.54	132.4	0.026	2	1.80	0.022	0.05	0.1	4.1	0.10	0.08	60	0.3	0.06	5.6	4.34
1731002	Soil	0.60	0.082	14.9	31.2	0.71	132.2	0.036	1	2.05	0.016	0.05	0.1	5.8	0.09	0.04	42	0.2	0.06	6.2	6.25
1731003	Soil	0.19	0.040	3.7	9.0	0.15	53.8	0.030	1	0.85	0.032	0.04	<0.1	0.7	0.04	0.04	40	0.2	<0.02	3.3	0.44
1731004	Soil	0.38	0.074	10.6	32.0	0.54	117.1	0.063	1	1.70	0.017	0.06	0.1	2.9	0.07	0.05	63	0.3	0.04	6.0	2.24
1731005	Soil	0.32	0.067	9.3	31.0	0.47	120.2	0.066	1	1.53	0.014	0.05	0.1	2.3	0.11	0.08	51	0.3	0.05	7.6	1.34
1731006	Soil	0.42	0.071	16.2	35.4	0.53	127.3	0.061	2	1.72	0.022	0.04	0.1	4.1	0.14	0.06	66	0.3	0.04	6.2	2.34
1731007	Soil	0.36	0.137	9.8	35.3	0.46	87.8	0.049	2	1.72	0.023	0.06	0.1	2.2	0.10	0.11	120	1.5	0.20	5.7	1.61
1731008	Soil	0.51	0.068	10.7	15.2	0.35	113.8	0.032	1	1.24	0.038	0.06	<0.1	2.3	0.09	0.06	44	0.4	0.04	3.7	1.95
1731009	Soil	0.14	0.037	2.8	6.2	0.08	19.8	0.025	<1	0.50	0.030	0.02	<0.1	0.7	0.03	0.04	33	0.3	<0.02	1.9	0.30
1731010 Stream-12	Soil Pulp	3.19	0.095	12.5	51.4	1.23	193.1	0.145	4	1.78	0.080	0.21	0.9	5.5	0.12	0.11	53	0.6	0.03	5.9	0.97
1731011	Soil	0.78	0.046	5.6	18.6	0.37	75.7	0.048	1	1.22	0.029	0.04	0.1	2.0	0.09	0.06	54	0.3	0.06	5.0	1.16
1731012	Soil	0.13	0.043	8.6	21.7	0.32	86.2	0.054	<1	1.55	0.025	0.04	0.1	2.2	0.07	0.03	39	0.2	0.06	5.6	1.05
1731013	Soil	0.32	0.054	3.5	8.7	0.14	62.9	0.027	1	0.60	0.037	0.04	<0.1	0.7	0.04	0.05	67	0.2	<0.02	2.7	0.58
1731014	Soil	0.17	0.045	2.5	6.8	0.10	37.4	0.023	<1	0.56	0.037	0.04	<0.1	0.6	0.02	0.04	71	0.2	<0.02	2.5	0.39
1731015	Soil	0.24	0.070	6.9	16.3	0.23	55.4	0.046	2	0.85	0.021	0.06	0.1	1.7	0.07	0.06	156	0.4	0.04	4.3	1.97
1731016	Soil	0.41	0.077	6.5	13.9	0.22	67.6	0.035	2	0.93	0.035	0.05	<0.1	1.1	0.06	0.08	168	0.3	0.03	3.6	0.64
1731017	Soil	0.25	0.060	4.8	12.7	0.24	57.2	0.046	1	1.02	0.035	0.04	<0.1	1.1	0.04	0.06	49	0.2	<0.02	4.0	0.55
1731018	Soil	0.26	0.073	6.4	18.7	0.25	60.7	0.047	2	0.79	0.022	0.05	0.1	1.4	0.07	0.09	89	0.3	0.04	4.7	0.85
1731019	Soil	0.27	0.060	6.5	19.2	0.30	68.9	0.048	1	0.95	0.029	0.04	0.1	1.8	0.07	0.05	40	0.2	<0.02	4.5	1.17
1731020	Soil	0.37	0.065	8.4	24.3	0.45	103.1	0.057	1	1.26	0.027	0.04	0.1	3.2	0.08	0.04	31	0.2	0.06	5.0	2.72
1731021	Soil	0.43	0.086	10.7	12.0	0.18	62.4	0.024	2	0.81	0.031	0.04	<0.1	1.7	0.06	0.12	70	0.4	0.04	2.5	0.91
1731022	Soil	0.57	0.094	6.9	11.3	0.13	65.6	0.023	2	0.51	0.015	0.03	<0.1	1.7	0.05	0.15	115	0.4	<0.02	1.6	0.86
1731023	Soil	0.24	0.045	5.7	10.0	0.16	46.1	0.018	<1	0.60	0.032	0.04	<0.1	1.2	0.06	0.06	46	0.3	0.03	2.4	1.55
1731024	Soil	0.23	0.064	5.5	9.2	0.13	48.5	0.019	1	0.51	0.033	0.04	<0.1	1.0	0.05	0.08	52	0.4	0.02	1.9	0.83
1731025	Soil	0.27	0.053	4.4	10.9	0.17	37.9	0.021	2	0.49	0.030	0.03	<0.1	0.9	0.07	0.07	36	0.3	0.03	2.4	1.14
1731026	Soil	0.07	0.023	1.5	5.0	0.06	20.6	0.022	<1	0.36	0.035	0.03	<0.1	0.4	0.02	0.02	53	0.2	<0.02	2.1	0.55
1731027	Soil	0.31	0.085	7.4	19.7	0.31	76.7	0.041	1	1.11	0.027	0.04	0.1	1.9	0.07	0.05	168	0.4	0.05	4.5	2.42
1731028	Soil	0.10	0.033	2.2	3.8	0.05	25.4	0.024	<1	0.60	0.042	0.03	<0.1	0.5	<0.02	0.03	20	0.1	<0.02	1.9	0.17
1731029	Soil	0.57	0.067	8.5	26.0	0.44	153.0	0.054	1	1.69	0.028	0.07	<0.1	3.3	0.09	0.05	39	0.3	0.05	5.7	2.06
1731030	Soil Pulp	0.31	0.030	3.0	6.4	0.09	12.8	0.199	<1	0.25	0.068	0.05	0.2	0.6	0.09	<0.02	<5	<0.1	<0.02	1.4	2.24

CERTIFICATE OF ANALYSIS

WHI13000168.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
1731001	Soil	<0.1	0.04	0.91	8.0	1.0	<0.05	1.8	14.01	41.5	0.06	<1	0.8	11.3	<10	<2	28.9
1731002	Soil	<0.1	<0.02	0.75	7.4	1.8	<0.05	1.2	8.66	32.4	0.07	<1	0.6	15.3	<10	<2	14.5
1731003	Soil	<0.1	<0.02	0.42	3.5	0.7	<0.05	1.2	1.74	8.6	<0.02	<1	0.2	3.9	<10	<2	16.4
1731004	Soil	<0.1	0.03	0.91	8.0	1.8	<0.05	1.6	6.07	25.2	0.03	<1	0.5	12.4	<10	<2	18.1
1731005	Soil	<0.1	<0.02	1.03	10.5	1.1	<0.05	1.5	4.38	20.7	0.03	<1	0.3	10.7	<10	<2	22.8
1731006	Soil	<0.1	0.05	0.99	6.1	1.6	<0.05	2.1	11.16	33.2	0.03	<1	0.7	9.9	<10	<2	21.7
1731007	Soil	<0.1	0.02	1.26	7.0	2.5	<0.05	1.6	5.24	23.6	0.03	<1	0.5	10.0	<10	<2	28.1
1731008	Soil	<0.1	<0.02	0.55	7.2	1.3	<0.05	1.0	7.12	25.1	<0.02	<1	0.4	7.2	<10	<2	15.9
1731009	Soil	<0.1	<0.02	0.34	1.6	0.6	<0.05	0.5	1.47	5.8	<0.02	<1	0.1	1.5	<10	<2	18.0
1731010 Stream-12	Soil Pulp	<0.1	0.05	0.79	10.7	2.1	<0.05	1.8	9.87	26.8	0.06	2	0.4	13.6	<10	2	7.0
1731011	Soil	<0.1	0.03	1.09	7.6	7.9	<0.05	1.8	2.50	12.7	0.03	<1	0.3	8.2	<10	<2	23.2
1731012	Soil	<0.1	0.04	1.05	5.4	5.6	<0.05	1.8	3.76	19.9	<0.02	<1	0.3	10.1	<10	<2	16.1
1731013	Soil	<0.1	<0.02	0.38	4.6	2.2	<0.05	0.6	2.18	7.9	<0.02	<1	0.1	2.6	<10	<2	19.0
1731014	Soil	<0.1	<0.02	0.34	2.5	2.6	<0.05	0.6	1.35	5.5	<0.02	<1	0.1	1.9	<10	<2	17.3
1731015	Soil	<0.1	<0.02	0.58	7.1	10.5	<0.05	0.8	2.92	15.7	0.02	<1	0.3	4.3	<10	<2	26.0
1731016	Soil	<0.1	0.02	0.65	4.5	6.4	<0.05	1.4	3.22	14.0	<0.02	<1	0.3	4.5	<10	<2	24.3
1731017	Soil	<0.1	0.03	0.64	4.2	6.4	<0.05	1.8	2.69	11.6	<0.02	<1	0.3	5.6	<10	<2	20.8
1731018	Soil	<0.1	0.03	0.74	6.4	9.2	<0.05	1.8	2.96	13.2	0.03	<1	0.2	3.9	<10	<2	I.S.
1731019	Soil	<0.1	0.03	0.83	6.2	7.5	<0.05	1.7	2.90	13.7	0.03	<1	0.2	6.5	<10	<2	19.0
1731020	Soil	<0.1	0.03	0.72	7.3	1.8	<0.05	1.7	4.51	18.1	0.03	<1	0.3	9.3	<10	<2	13.1
1731021	Soil	<0.1	<0.02	0.46	4.0	5.0	<0.05	0.8	7.18	22.9	0.03	<1	0.3	2.9	<10	<2	41.6
1731022	Soil	<0.1	<0.02	0.38	3.1	15.2	<0.05	0.4	4.74	14.7	0.02	<1	<0.1	1.2	<10	<2	63.8
1731023	Soil	<0.1	<0.02	0.43	4.2	1.6	<0.05	0.4	3.08	13.3	<0.02	<1	0.2	3.2	<10	<2	I.S.
1731024	Soil	<0.1	<0.02	0.36	3.5	3.0	<0.05	0.7	3.21	12.5	<0.02	<1	0.1	2.1	<10	<2	28.6
1731025	Soil	<0.1	<0.02	0.45	4.4	2.9	<0.05	0.7	2.08	8.9	<0.02	<1	0.1	2.4	<10	<2	25.0
1731026	Soil	<0.1	<0.02	0.30	1.6	2.9	<0.05	0.4	0.64	3.1	<0.02	<1	<0.1	0.9	<10	<2	11.3
1731027	Soil	<0.1	<0.02	0.63	6.2	10.6	<0.05	1.0	4.04	16.9	0.02	<1	0.3	7.3	<10	<2	18.8
1731028	Soil	<0.1	<0.02	0.30	1.4	1.6	<0.05	0.6	1.09	5.2	<0.02	<1	0.1	0.9	<10	<2	11.8
1731029	Soil	<0.1	0.03	0.93	9.3	1.7	<0.05	1.9	5.88	19.1	0.03	<1	0.4	11.3	<10	<2	18.1
1731030	Soil Pulp	<0.1	0.31	0.22	10.6	0.2	<0.05	13.4	7.28	7.8	<0.02	<1	0.1	5.8	<10	<2	0.3

CERTIFICATE OF ANALYSIS

WHI13000168.1

	Method	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1731031	Soil	140.0	568.0	1.15	14.35	10.71	29.9	112	8.4	4.3	134	1.63	11.0	0.3	2.8	0.9	9.4	0.22	0.47	0.13	40
1731032	Soil	200.0	616.0	1.37	33.70	12.42	58.5	236	17.1	7.8	258	1.96	24.4	0.7	5.2	1.2	21.3	0.36	0.61	0.28	47
1731033	Soil	82.00	345.0	0.95	30.87	18.89	92.4	365	18.2	8.7	448	2.22	68.7	1.2	28.9	1.2	45.8	0.96	1.35	0.49	47
1731034	Soil	141.0	299.0	0.72	388.2	36.90	269.1	1344	22.1	7.3	295	2.05	63.8	9.1	35.1	5.6	83.0	3.00	1.70	0.92	46
1731035	Soil	168.0	564.0	1.15	22.46	8.99	47.1	165	17.2	8.1	282	2.06	10.7	1.1	5.0	1.7	52.8	0.16	0.46	0.22	51
1731036	Soil	113.0	400.0	1.50	30.00	8.49	55.9	226	18.9	9.5	433	2.09	16.2	0.9	4.0	0.9	33.7	0.38	0.58	0.19	48
1731037	Soil	125.0	656.0	1.41	24.01	11.56	62.1	208	23.4	10.5	394	3.01	31.1	0.5	4.4	1.4	25.5	0.15	0.95	0.24	65
1731038	Soil	254.0	515.0	2.45	22.97	9.55	54.8	108	18.4	7.6	235	3.12	10.8	0.5	6.8	1.6	21.5	0.11	0.82	0.21	74
1731039	Soil	121.0	593.0	1.31	26.19	12.47	48.3	132	23.2	9.4	392	2.42	9.1	0.6	3.6	0.9	23.7	0.32	0.72	0.17	52
1731040	Soil	400.0	464.0	0.81	27.56	8.77	66.9	184	15.9	7.7	322	2.14	25.0	0.7	7.2	1.6	22.0	0.30	3.00	0.35	52
1731041	Soil	110.0	476.0	1.86	16.40	9.15	41.3	171	10.7	7.2	278	2.62	13.1	0.4	3.8	1.1	14.1	0.38	0.75	0.20	63
1731042	Soil	118.0	529.0	0.59	13.57	4.98	25.5	141	6.3	3.6	103	1.02	9.9	0.3	3.4	0.6	11.6	0.33	0.52	0.15	25
1731043	Soil	109.0	493.0	0.78	18.13	5.15	20.6	216	7.5	3.1	86	1.31	6.0	0.4	2.0	0.3	13.4	0.26	0.35	0.12	31
1731044	Soil	81.00	428.0	0.95	23.66	12.20	79.8	387	16.9	8.7	470	2.05	43.7	0.7	10.5	0.6	40.7	0.60	1.03	0.34	44
1731045	Soil	208.0	534.0	1.01	21.63	8.84	42.4	107	13.4	7.4	341	1.84	11.8	0.5	2.5	0.8	20.6	0.29	0.75	0.16	42
1731046	Soil	162.0	572.0	0.20	7.02	2.29	7.7	31	2.3	2.4	77	0.47	1.7	0.2	1.4	0.3	10.1	0.05	0.10	0.04	10
1731047	Soil	120.0	536.0	0.47	12.75	4.17	25.1	154	6.7	3.5	123	0.96	4.7	0.4	1.8	0.3	16.1	0.58	0.22	0.07	22
1731048	Soil	212.0	406.0	0.99	24.87	8.97	51.1	192	17.0	7.2	249	1.89	15.5	0.6	5.2	0.6	29.9	0.42	0.56	0.15	44
1731049	Soil	72.00	462.0	0.86	25.64	9.70	73.7	202	18.5	9.3	523	1.94	17.0	1.0	5.1	0.6	45.8	0.67	0.58	0.17	41
1731050 Stream-12	Soil Pulp			8.76	65.15	11.15	83.7	333	40.0	14.1	523	3.56	11.1	1.8	33.3	3.2	101.0	0.55	0.92	0.22	69
1731051	Soil	126.0	631.0	1.26	16.49	7.51	38.3	125	14.3	8.4	304	2.18	8.2	0.8	3.7	2.0	14.8	0.23	0.50	0.14	46
1731052	Soil	260.0	606.0	1.17	25.14	8.19	40.0	113	16.4	8.1	366	1.89	7.2	0.8	2.4	0.8	33.0	0.16	0.40	0.15	46
1731053	Soil	270.0	432.0	0.70	16.31	4.17	24.7	57	10.5	4.3	104	1.27	10.3	0.5	2.1	0.8	16.4	0.08	0.27	0.10	31
1731054	Soil	360.0	327.0	1.61	52.44	10.26	76.4	118	26.0	15.1	750	3.22	11.7	0.7	2.4	1.5	23.3	0.36	0.73	0.18	73
1731055	Soil	162.0	604.0	0.99	23.15	8.34	50.5	99	19.1	9.9	409	2.14	9.3	0.7	3.2	1.4	26.1	0.26	0.47	0.18	51
1731056	Soil	115.0	530.0	0.83	11.79	5.29	23.7	64	7.0	4.5	122	1.10	4.9	0.3	1.4	0.6	13.1	0.13	0.27	0.10	26
1731057	Soil	74.00	575.0	1.23	13.24	8.29	33.6	94	11.6	7.4	284	1.82	7.8	0.4	1.8	1.1	17.8	0.26	0.39	0.15	46
1731058	Soil	95.00	502.0	0.75	18.10	6.02	35.6	108	13.6	5.0	162	1.54	6.0	0.5	1.4	1.0	21.1	0.24	0.36	0.14	35
1731059	Soil	233.0	631.0	0.56	13.65	2.72	15.6	114	7.1	4.7	311	0.91	4.0	0.9	2.1	0.3	20.1	0.06	0.23	0.07	20
1731060	Soil	44.00	723.0	2.33	27.77	10.30	54.5	98	19.9	9.5	258	3.20	13.2	0.5	5.5	1.8	19.8	0.13	1.04	0.22	82

CERTIFICATE OF ANALYSIS

WHI13000168.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
1731031	Soil	0.08	0.031	4.7	14.7	0.19	37.6	0.058	1	1.03	0.024	0.04	0.1	1.4	0.06	<0.02	30	0.2	0.04	5.2	0.93
1731032	Soil	0.21	0.040	9.9	23.2	0.34	114.7	0.061	1	1.44	0.029	0.04	0.1	2.5	0.08	0.02	27	0.2	0.04	5.7	1.88
1731033	Soil	0.70	0.058	11.5	26.6	0.46	190.0	0.046	2	1.90	0.025	0.07	0.1	4.3	0.13	0.04	56	0.2	0.11	5.5	3.44
1731034	Soil	1.40	0.083	55.0	24.7	0.48	147.9	0.024	3	2.18	0.031	0.09	<0.1	12.0	0.18	0.05	84	0.2	0.27	4.3	31.37
1731035	Soil	0.56	0.034	9.5	25.1	0.50	202.8	0.068	3	1.71	0.030	0.06	0.1	3.4	0.09	0.03	28	0.2	0.05	5.8	1.44
1731036	Soil	0.46	0.058	11.3	24.4	0.43	165.1	0.052	2	1.70	0.025	0.07	0.1	3.5	0.09	0.05	38	0.2	0.02	5.3	2.19
1731037	Soil	0.31	0.041	10.1	31.9	0.58	165.0	0.076	2	1.85	0.016	0.07	0.1	3.1	0.10	0.03	25	0.3	0.06	6.7	3.18
1731038	Soil	0.19	0.026	9.0	29.2	0.45	150.4	0.079	2	1.57	0.016	0.04	0.1	2.8	0.12	<0.02	25	0.2	0.06	8.2	1.52
1731039	Soil	0.28	0.061	11.6	25.1	0.44	183.7	0.061	2	1.55	0.021	0.06	0.1	2.7	0.09	0.05	40	0.3	0.04	5.0	1.44
1731040	Soil	0.28	0.060	9.8	25.8	0.47	92.8	0.077	1	1.47	0.023	0.05	0.1	2.9	0.07	0.02	19	0.2	0.10	4.8	2.02
1731041	Soil	0.12	0.038	6.4	20.3	0.24	59.2	0.079	1	1.18	0.020	0.04	0.1	1.8	0.08	0.02	31	0.2	0.06	7.3	1.47
1731042	Soil	0.09	0.024	4.1	10.3	0.16	41.1	0.038	1	0.83	0.032	0.04	<0.1	1.2	0.04	<0.02	23	0.2	0.04	3.0	1.11
1731043	Soil	0.12	0.034	4.7	12.8	0.15	55.8	0.041	<1	0.83	0.024	0.04	<0.1	1.2	0.06	0.03	26	0.2	0.02	3.7	0.70
1731044	Soil	0.46	0.077	10.2	25.2	0.45	201.6	0.049	2	1.74	0.027	0.06	<0.1	3.2	0.10	0.06	39	0.2	0.05	5.5	3.10
1731045	Soil	0.19	0.052	6.2	19.4	0.30	91.0	0.055	1	1.45	0.031	0.04	<0.1	2.1	0.08	0.03	24	0.2	0.07	4.7	1.21
1731046	Soil	0.07	0.022	2.1	4.3	0.06	28.0	0.022	<1	0.60	0.038	0.03	<0.1	0.5	<0.02	<0.02	16	<0.1	<0.02	1.8	0.22
1731047	Soil	0.14	0.025	4.8	9.5	0.16	52.2	0.038	1	0.73	0.034	0.04	<0.1	1.1	0.04	<0.02	16	0.1	<0.02	3.0	0.65
1731048	Soil	0.43	0.051	8.3	22.5	0.37	139.2	0.056	1	1.47	0.028	0.06	<0.1	2.6	0.08	0.03	30	0.2	0.03	5.1	1.71
1731049	Soil	0.59	0.076	13.7	24.1	0.42	236.2	0.050	2	1.75	0.028	0.07	<0.1	3.7	0.10	0.06	37	0.2	0.04	4.9	1.63
1731050 Stream-12	Soil Pulp	3.02	0.087	12.5	48.6	1.12	185.4	0.145	4	1.68	0.078	0.20	0.9	5.2	0.12	0.10	51	0.5	0.05	5.6	0.97
1731051	Soil	0.14	0.033	8.3	22.4	0.32	93.0	0.076	2	1.74	0.029	0.06	0.1	2.9	0.07	<0.02	25	0.3	0.04	5.5	1.30
1731052	Soil	0.44	0.050	9.6	23.2	0.37	153.2	0.063	2	1.52	0.031	0.06	<0.1	2.9	0.08	0.04	29	0.2	0.03	5.1	1.05
1731053	Soil	0.15	0.026	5.9	15.8	0.25	88.2	0.050	1	1.10	0.031	0.04	<0.1	1.9	0.06	<0.02	19	0.1	0.03	4.1	0.81
1731054	Soil	0.25	0.046	10.5	34.1	0.50	141.3	0.087	2	2.07	0.025	0.06	<0.1	3.4	0.11	<0.02	21	0.2	0.03	7.6	1.72
1731055	Soil	0.32	0.046	9.7	24.4	0.43	144.5	0.068	2	1.62	0.028	0.07	0.1	3.3	0.08	0.03	23	<0.1	0.03	5.1	1.68
1731056	Soil	0.10	0.028	4.0	11.1	0.15	47.7	0.039	<1	0.84	0.029	0.04	<0.1	1.2	0.05	0.02	23	0.1	0.03	3.7	0.74
1731057	Soil	0.19	0.028	6.1	19.5	0.29	86.1	0.066	1	1.08	0.027	0.05	0.1	2.0	0.08	<0.02	32	<0.1	<0.02	5.4	1.15
1731058	Soil	0.25	0.034	6.8	17.6	0.31	100.3	0.060	1	1.13	0.029	0.05	<0.1	2.0	0.07	0.02	25	0.1	0.04	4.5	1.21
1731059	Soil	0.23	0.048	5.8	11.8	0.18	98.6	0.030	1	0.72	0.039	0.04	<0.1	1.7	0.04	0.04	20	0.2	<0.02	2.4	0.58
1731060	Soil	0.19	0.024	9.6	28.0	0.37	112.3	0.094	1	1.85	0.019	0.04	<0.1	2.8	0.13	<0.02	22	0.2	0.05	9.1	1.55

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Project: 210800
Report Date: August 07, 2013

Page: 3 of 6

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI13000168.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
1731031	Soil	<0.1	0.04	0.91	5.7	7.4	<0.05	2.1	1.74	10.3	0.02	<1	0.2	6.7	<10	<2	12.9
1731032	Soil	<0.1	0.04	1.15	8.5	4.1	<0.05	2.2	4.49	22.1	0.02	<1	0.4	10.1	<10	<2	12.4
1731033	Soil	<0.1	0.04	0.99	8.9	2.9	<0.05	2.0	8.92	25.4	0.04	<1	0.4	12.3	<10	<2	23.6
1731034	Soil	<0.1	0.06	0.90	8.1	1.6	<0.05	4.4	99.86	68.1	0.07	<1	1.7	22.5	<10	<2	23.9
1731035	Soil	<0.1	0.04	1.06	7.6	1.1	<0.05	2.3	5.66	20.4	0.02	<1	0.5	11.4	<10	<2	15.1
1731036	Soil	<0.1	0.02	0.91	8.4	3.6	<0.05	1.3	7.30	25.0	0.02	<1	0.5	10.7	<10	<2	20.0
1731037	Soil	<0.1	0.02	1.04	14.0	4.6	<0.05	1.5	5.29	22.4	0.04	<1	0.6	13.8	<10	<2	14.8
1731038	Soil	<0.1	0.03	1.04	9.7	1.8	<0.05	2.3	3.31	19.6	0.03	<1	0.3	13.9	<10	<2	10.3
1731039	Soil	<0.1	0.03	0.98	9.3	7.6	<0.05	1.4	6.53	30.0	0.03	<1	0.5	8.8	<10	<2	20.1
1731040	Soil	<0.1	0.03	0.70	6.6	1.3	<0.05	1.5	4.95	21.4	0.03	<1	0.4	9.7	<10	<2	9.6
1731041	Soil	<0.1	0.04	1.07	7.3	1.6	<0.05	2.4	2.23	13.6	0.03	<1	0.3	11.0	<10	<2	14.5
1731042	Soil	<0.1	<0.02	0.46	4.1	0.7	<0.05	1.0	1.85	9.2	<0.02	<1	0.2	4.6	<10	<2	10.8
1731043	Soil	<0.1	<0.02	0.66	3.8	1.1	<0.05	0.9	1.71	9.9	<0.02	<1	0.1	4.4	<10	<2	16.2
1731044	Soil	<0.1	<0.02	0.84	10.0	1.4	<0.05	1.3	6.82	21.4	0.02	<1	0.4	10.8	<10	<2	20.6
1731045	Soil	<0.1	<0.02	0.67	6.5	0.8	<0.05	0.9	2.80	14.8	<0.02	<1	0.3	8.7	<10	<2	11.9
1731046	Soil	<0.1	<0.02	0.28	1.8	1.0	<0.05	0.5	0.99	4.8	<0.02	<1	<0.1	1.6	<10	<2	8.5
1731047	Soil	<0.1	<0.02	0.45	5.1	1.8	<0.05	0.7	2.43	10.2	<0.02	<1	0.2	3.8	<10	<2	11.3
1731048	Soil	<0.1	<0.02	0.81	8.0	1.6	<0.05	1.0	5.17	18.1	<0.02	<1	0.4	9.9	<10	<2	15.3
1731049	Soil	<0.1	0.03	0.81	10.5	3.1	<0.05	1.6	11.12	29.8	0.03	<1	0.5	10.2	<10	<2	23.6
1731050 Stream-12	Soil Pulp	<0.1	0.04	0.53	10.0	1.9	<0.05	1.6	9.53	25.9	0.07	1	0.3	12.7	<10	<2	6.6
1731051	Soil	<0.1	0.05	0.96	8.2	2.7	<0.05	3.3	4.04	18.8	0.03	<1	0.5	9.4	<10	<2	11.8
1731052	Soil	<0.1	<0.02	0.83	8.4	2.7	<0.05	1.4	5.27	20.6	0.03	<1	0.4	9.5	<10	<2	15.8
1731053	Soil	<0.1	<0.02	0.65	6.1	0.5	<0.05	1.2	2.56	12.4	<0.02	<1	0.3	7.0	<10	<2	10.1
1731054	Soil	<0.1	0.02	0.92	11.4	1.7	<0.05	1.5	4.88	24.7	0.04	<1	0.7	13.4	<10	<2	10.6
1731055	Soil	<0.1	0.02	0.78	8.8	0.9	<0.05	1.2	5.23	23.4	0.02	<1	0.3	11.5	<10	<2	12.0
1731056	Soil	<0.1	<0.02	0.60	4.8	1.2	<0.05	1.0	1.63	9.1	<0.02	<1	0.1	5.1	<10	<2	13.6
1731057	Soil	<0.1	0.03	0.91	7.8	3.6	<0.05	1.8	2.02	12.8	<0.02	<1	0.1	8.5	<10	<2	12.0
1731058	Soil	<0.1	0.03	0.81	8.1	1.8	<0.05	1.7	3.22	15.3	<0.02	<1	0.2	8.2	<10	<2	12.6
1731059	Soil	<0.1	<0.02	0.42	4.4	0.8	<0.05	0.7	3.82	12.1	<0.02	<1	0.3	3.2	<10	<2	14.3
1731060	Soil	<0.1	0.07	1.16	8.2	1.5	<0.05	4.2	3.37	20.5	0.02	<1	0.4	13.0	<10	<2	10.8

CERTIFICATE OF ANALYSIS

WHI13000168.1

	Method	Analyte	Unit	MDL	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30			
					-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
					g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
					0	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
1731061	Soil				68.00	581.0	1.23	39.11	8.76	56.6	281	19.2	6.1	311	1.85	7.2	0.9	2.6	0.8	26.3	0.49	0.46	0.12	39
1731062	Soil				264.0	463.0	1.23	24.11	7.70	43.4	94	20.5	12.4	467	2.63	26.3	0.6	5.3	2.4	22.8	0.12	0.84	0.28	62
1731063	Soil				259.0	859.0	0.26	9.38	1.20	13.6	60	3.5	2.7	158	0.81	1.4	0.2	0.5	0.2	13.9	0.05	0.12	0.03	27
1731064	Soil				279.0	149.0	0.44	18.62	3.25	32.7	125	7.9	4.0	129	1.47	9.7	3.0	1.6	0.4	25.6	0.09	0.33	0.09	41
1731065	Soil				130.0	560.0	0.60	26.48	6.42	39.5	302	10.0	4.7	332	1.33	9.4	0.6	2.5	0.3	25.1	0.28	0.78	0.26	27
1731066	Soil				311.0	660.0	2.51	41.29	211.9	104.2	2573	12.1	11.3	550	3.10	550.3	1.3	51.0	1.4	24.0	1.32	18.05	5.09	64
1731067	Soil				542.0	985.0	0.45	19.59	7.46	41.1	82	15.2	6.8	242	1.81	6.2	0.6	1.9	2.7	23.4	0.14	0.64	0.26	45
1731068	Soil				197.0	623.0	0.64	17.27	2.44	17.6	287	4.8	5.9	744	0.93	8.1	0.5	3.2	0.2	18.7	0.16	0.38	0.13	20
1731069	Soil				164.0	461.0	0.58	24.33	5.78	45.6	309	11.3	3.6	188	1.13	11.6	0.7	4.6	0.3	39.5	0.38	0.57	0.25	20
1731070	Soil Pulp						1.03	19.97	0.88	20.1	782	6.2	3.9	105	1.50	1.4	0.2	110.3	0.3	15.3	0.04	1.21	1.59	27
1731071	Soil				371.0	506.0	0.28	11.79	1.22	10.1	97	2.7	1.4	46	0.55	2.4	0.6	0.3	0.2	21.9	0.05	0.17	0.09	16
1731072	Soil				134.0	843.0	0.65	10.52	1.42	11.2	151	2.9	4.9	319	0.40	3.8	0.4	0.6	0.1	20.6	0.27	0.18	0.06	7
1731073	Soil				170.0	379.0	1.53	74.30	17.79	140.0	1059	17.3	5.7	154	2.03	81.7	5.2	15.0	0.5	54.9	0.61	2.15	1.14	37
1731074	Soil				280.0	536.0	0.80	21.02	6.82	45.3	264	10.0	5.4	262	1.64	17.6	0.6	4.2	0.4	28.2	0.18	0.46	0.22	38
1731075	Soil				202.0	649.0	1.17	25.24	5.69	35.6	106	13.7	6.6	305	2.56	19.0	0.8	4.1	1.2	30.4	0.17	0.65	0.18	53
1731076	Soil				246.0	706.0	0.43	8.71	2.23	15.7	58	4.2	2.3	96	0.77	1.8	0.2	<0.2	<0.1	17.0	0.04	0.13	0.06	19
1731077	Soil				347.0	432.0	0.71	17.12	3.61	27.4	188	7.3	4.5	257	1.31	3.9	0.5	1.1	0.2	24.0	0.15	0.24	0.10	31
1731078	Soil				200.0	468.0	1.58	30.72	6.77	38.1	180	17.5	10.3	377	2.45	9.3	1.0	1.5	0.5	29.6	0.07	0.46	0.17	51
1731079	Soil				124.0	810.0	0.87	15.90	6.06	18.9	73	6.8	3.8	161	0.89	2.4	0.6	0.5	0.2	22.5	0.11	0.21	0.06	20
1731080	Soil				242.0	785.0	1.11	23.87	7.05	48.5	66	16.3	8.0	352	2.23	8.6	0.6	2.0	1.6	22.3	0.21	0.46	0.18	55
1731081	Soil				234.0	658.0	0.73	20.08	8.18	22.4	71	10.0	4.9	223	1.35	4.9	0.9	0.5	0.6	19.1	0.09	0.32	0.10	32
1731082	Soil				221.0	309.0	0.56	22.97	6.14	20.0	84	9.3	3.0	92	1.02	4.1	1.1	2.0	0.5	21.7	0.08	0.36	0.09	20
1731083	Soil				90.00	713.0	0.79	24.75	3.23	24.0	101	9.4	5.7	572	1.17	3.6	1.1	1.5	0.3	31.4	0.14	0.33	0.07	25
1731084	Soil				69.00	346.0	0.80	34.77	4.25	37.6	147	14.9	6.1	383	1.41	3.9	1.3	1.7	0.7	41.8	0.13	0.48	0.11	26
1731085	Soil				287.0	1007	0.56	26.08	5.55	49.7	150	22.0	7.6	245	2.33	5.1	0.9	5.5	2.4	33.2	0.13	0.41	0.14	54
1731086	Soil				209.0	460.0	0.80	38.84	8.03	59.5	153	33.0	11.5	421	2.98	8.0	1.2	1.6	4.1	34.9	0.17	0.51	0.17	72
1731087	Soil				501.0	577.0	0.70	19.18	4.81	29.5	72	9.2	4.6	163	1.45	5.8	0.4	<0.2	0.7	24.1	0.08	0.26	0.10	36
1731088	Soil				237.0	1087	0.67	28.57	6.85	47.7	63	23.0	10.8	389	2.26	5.2	0.7	7.0	2.0	29.6	0.11	0.46	0.15	54
1731089	Soil				331.0	476.0	0.88	29.46	6.60	33.0	173	17.8	8.3	281	2.22	8.8	1.1	2.1	1.0	27.2	0.07	0.51	0.14	49
1731090 Stream-12	Soil Pulp						9.03	66.75	11.29	89.7	343	41.7	14.2	514	3.72	12.2	1.8	26.7	3.2	115.9	0.66	0.90	0.21	75

CERTIFICATE OF ANALYSIS

WHI13000168.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
1731061	Soil	0.29	0.133	14.5	20.0	0.20	187.8	0.060	2	1.36	0.026	0.04	<0.1	2.9	0.07	0.05	32	0.3	0.03	4.2	1.06
1731062	Soil	0.31	0.057	11.0	30.3	0.51	137.0	0.093	2	1.68	0.021	0.05	<0.1	3.6	0.09	<0.02	25	0.2	0.03	5.8	1.78
1731063	Soil	0.17	0.045	2.5	6.2	0.08	41.4	0.043	<1	0.35	0.044	0.03	<0.1	0.7	0.02	0.02	15	<0.1	<0.02	1.9	0.18
1731064	Soil	0.39	0.069	6.7	13.7	0.19	104.0	0.049	1	1.00	0.037	0.04	<0.1	1.8	0.05	0.05	31	0.3	<0.02	3.3	0.66
1731065	Soil	0.31	0.076	7.0	16.2	0.23	179.9	0.022	1	1.12	0.032	0.04	0.1	2.0	0.06	0.05	50	0.2	<0.02	3.2	0.76
1731066	Soil	0.15	0.047	9.2	21.5	0.25	233.0	0.040	2	1.39	0.012	0.07	0.3	2.3	0.16	0.03	107	0.3	<0.02	6.5	1.51
1731067	Soil	0.32	0.061	12.3	27.5	0.49	221.3	0.076	1	1.35	0.023	0.06	<0.1	3.8	0.07	<0.02	17	0.2	<0.02	4.3	1.59
1731068	Soil	0.20	0.055	4.4	6.3	0.09	134.5	0.024	1	0.66	0.035	0.03	<0.1	1.2	0.04	0.04	42	0.2	<0.02	2.3	0.48
1731069	Soil	0.53	0.071	11.0	14.3	0.24	227.1	0.021	2	1.38	0.034	0.06	<0.1	1.9	0.06	0.07	51	0.3	<0.02	3.6	1.79
1731070	Soil Pulp	0.31	0.031	2.6	5.8	0.09	13.6	0.201	<1	0.29	0.077	0.05	0.2	0.6	0.09	<0.02	<5	<0.1	<0.02	1.6	2.21
1731071	Soil	0.25	0.036	3.2	3.6	0.07	44.6	0.027	1	0.52	0.063	0.05	<0.1	0.7	0.02	0.03	21	0.2	<0.02	1.8	0.15
1731072	Soil	0.21	0.037	2.6	3.3	0.07	73.0	0.013	1	0.41	0.056	0.04	<0.1	0.6	0.03	0.02	16	0.1	<0.02	1.2	0.22
1731073	Soil	0.70	0.091	14.5	22.9	0.37	294.5	0.028	2	1.67	0.027	0.05	<0.1	3.6	0.10	0.10	71	1.1	0.05	4.7	4.22
1731074	Soil	0.33	0.062	7.1	15.1	0.25	137.4	0.038	1	1.26	0.035	0.05	<0.1	2.3	0.06	0.05	33	<0.1	<0.02	4.0	1.34
1731075	Soil	0.37	0.067	10.9	20.1	0.38	168.8	0.047	4	1.41	0.029	0.06	0.1	3.6	0.09	0.05	43	0.3	<0.02	4.2	1.10
1731076	Soil	0.15	0.031	2.7	6.4	0.09	48.6	0.025	2	0.53	0.042	0.04	<0.1	0.6	<0.02	0.02	11	<0.1	<0.02	2.3	0.30
1731077	Soil	0.25	0.058	5.2	10.6	0.17	77.5	0.034	<1	0.80	0.040	0.05	<0.1	1.4	0.04	0.05	35	0.2	<0.02	3.7	0.59
1731078	Soil	0.31	0.095	9.1	24.8	0.38	147.1	0.043	2	1.81	0.025	0.06	<0.1	3.0	0.09	0.07	27	0.2	0.03	5.3	1.10
1731079	Soil	0.25	0.055	4.8	10.3	0.16	73.3	0.030	2	0.70	0.041	0.04	<0.1	1.0	0.03	0.04	23	0.2	<0.02	2.7	0.46
1731080	Soil	0.24	0.035	7.2	22.0	0.38	117.4	0.067	2	1.43	0.026	0.06	0.1	2.4	0.06	<0.02	11	<0.1	<0.02	5.7	1.33
1731081	Soil	0.24	0.044	6.8	13.5	0.22	83.3	0.039	<1	0.98	0.033	0.05	<0.1	1.5	0.05	0.03	21	0.3	0.03	3.3	0.97
1731082	Soil	0.27	0.043	8.2	12.6	0.21	102.3	0.029	3	1.13	0.037	0.05	<0.1	1.9	0.06	0.04	31	0.1	<0.02	3.1	1.09
1731083	Soil	0.37	0.075	8.9	11.4	0.19	113.9	0.030	2	0.84	0.041	0.05	<0.1	1.8	0.05	0.07	28	0.2	0.05	3.2	0.52
1731084	Soil	0.46	0.072	12.5	17.3	0.26	166.7	0.034	3	1.31	0.032	0.06	<0.1	3.1	0.06	0.08	45	0.3	0.04	3.6	0.72
1731085	Soil	0.58	0.066	9.2	31.0	0.56	181.2	0.081	2	1.59	0.028	0.09	0.2	4.0	0.08	0.04	23	<0.1	<0.02	4.7	1.07
1731086	Soil	0.65	0.074	14.9	43.0	0.80	238.3	0.114	2	1.91	0.026	0.12	0.1	5.9	0.12	<0.02	25	0.2	0.05	6.1	1.83
1731087	Soil	0.27	0.031	5.2	14.7	0.25	88.1	0.057	3	1.01	0.039	0.05	0.1	1.6	0.06	0.02	8	<0.1	<0.02	4.1	0.98
1731088	Soil	0.43	0.065	10.2	30.2	0.60	168.4	0.084	1	1.85	0.023	0.06	0.1	3.8	0.07	0.02	23	0.1	0.03	5.8	1.18
1731089	Soil	0.32	0.077	10.1	25.2	0.33	185.2	0.047	2	1.77	0.028	0.05	<0.1	3.7	0.08	0.05	41	0.2	0.02	5.1	1.06
1731090 Stream-12	Soil Pulp	3.20	0.092	11.4	51.0	1.22	192.0	0.132	5	1.81	0.088	0.23	0.8	5.4	0.10	0.11	48	0.7	<0.02	5.8	0.91

CERTIFICATE OF ANALYSIS

WHI13000168.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
1731061	Soil	<0.1	0.03	0.81	7.1	5.5	<0.05	2.2	8.67	30.9	0.03	<1	0.5	4.6	<10	<2	23.0
1731062	Soil	<0.1	0.03	0.80	7.5	1.6	<0.05	2.3	6.26	25.1	0.03	<1	0.5	12.0	<10	<2	9.7
1731063	Soil	<0.1	<0.02	0.18	1.5	0.3	<0.05	0.5	1.57	5.4	<0.02	<1	<0.1	1.3	<10	<2	8.0
1731064	Soil	<0.1	<0.02	0.47	4.5	0.6	<0.05	1.1	4.82	13.5	<0.02	<1	0.3	4.8	<10	<2	13.5
1731065	Soil	<0.1	0.02	0.38	4.8	1.0	<0.05	0.7	5.37	12.9	<0.02	<1	0.3	4.5	<10	<2	14.3
1731066	Soil	<0.1	<0.02	0.80	9.3	2.1	<0.05	1.0	3.15	18.9	0.05	<1	0.5	8.2	<10	<2	13.4
1731067	Soil	<0.1	0.04	0.54	5.8	1.4	<0.05	2.9	6.85	26.3	<0.02	<1	0.3	9.5	<10	<2	4.8
1731068	Soil	<0.1	<0.02	0.22	2.6	0.4	<0.05	0.7	3.66	8.5	<0.02	<1	0.1	1.9	<10	<2	12.8
1731069	Soil	0.1	<0.02	0.56	7.3	0.7	<0.05	1.5	8.96	18.0	<0.02	<1	0.3	6.6	<10	<2	21.6
1731070	Soil Pulp	<0.1	0.32	0.18	9.9	0.2	<0.05	13.7	6.48	6.2	<0.02	<1	0.1	6.7	<10	<2	0.4
1731071	Soil	<0.1	<0.02	0.22	1.6	0.3	<0.05	1.0	2.27	5.7	<0.02	<1	<0.1	2.4	<10	<2	9.1
1731072	Soil	<0.1	<0.02	0.18	2.1	0.3	<0.05	0.6	2.06	4.7	<0.02	<1	<0.1	1.1	<10	<2	8.9
1731073	Soil	<0.1	0.03	0.68	8.3	0.9	<0.05	2.0	12.84	21.3	0.02	<1	0.4	11.6	<10	<2	22.2
1731074	Soil	<0.1	<0.02	0.54	7.3	0.4	<0.05	1.2	4.16	13.2	0.03	<1	<0.1	6.1	<10	<2	14.8
1731075	Soil	<0.1	<0.02	0.62	7.1	1.7	<0.05	1.6	6.87	20.6	<0.02	<1	0.3	7.2	<10	<2	16.0
1731076	Soil	<0.1	<0.02	0.21	3.2	0.8	<0.05	0.6	1.46	5.2	<0.02	<1	<0.1	1.9	<10	<2	9.7
1731077	Soil	<0.1	<0.02	0.47	5.5	0.9	<0.05	1.3	3.30	9.7	<0.02	<1	0.3	4.0	<10	<2	15.5
1731078	Soil	<0.1	<0.02	0.65	9.7	0.7	<0.05	1.2	4.85	18.3	<0.02	<1	0.4	7.4	<10	<2	18.4
1731079	Soil	<0.1	<0.02	0.44	4.5	5.5	<0.05	0.9	2.89	8.9	<0.02	<1	<0.1	3.5	<10	<2	13.9
1731080	Soil	<0.1	0.04	0.89	9.9	1.1	<0.05	2.3	3.29	15.1	0.02	<1	<0.1	9.2	<10	<2	9.2
1731081	Soil	<0.1	<0.02	0.55	5.1	6.9	<0.05	1.1	4.07	12.9	<0.02	<1	0.2	5.2	<10	<2	12.5
1731082	Soil	<0.1	0.03	0.60	5.7	0.7	<0.05	1.0	4.55	14.7	<0.02	<1	<0.1	5.3	<10	<2	18.3
1731083	Soil	<0.1	<0.02	0.47	4.0	0.4	<0.05	1.2	6.91	16.4	<0.02	<1	0.6	2.9	<10	<2	19.9
1731084	Soil	<0.1	<0.02	0.69	6.2	0.8	<0.05	2.1	10.00	21.5	<0.02	<1	0.2	5.1	<10	<2	23.7
1731085	Soil	0.1	0.07	1.08	11.2	0.6	<0.05	3.4	5.29	18.3	0.02	<1	0.2	10.2	<10	<2	12.5
1731086	Soil	<0.1	0.07	1.12	15.4	1.1	<0.05	3.4	9.51	27.5	0.02	<1	0.6	15.4	<10	<2	8.4
1731087	Soil	<0.1	<0.02	0.65	9.0	0.7	<0.05	1.1	2.61	9.9	0.02	<1	<0.1	6.1	<10	<2	10.5
1731088	Soil	0.1	0.04	0.79	9.2	1.3	<0.05	2.1	5.39	19.2	<0.02	<1	0.2	11.6	<10	<2	8.5
1731089	Soil	<0.1	0.02	0.63	6.7	0.9	<0.05	1.8	6.33	21.0	0.02	<1	0.6	7.5	<10	<2	13.9
1731090 Stream-12	Soil Pulp	0.1	0.07	0.73	9.6	2.1	<0.05	2.0	9.59	22.5	0.04	5	0.2	14.3	<10	<2	6.9

CERTIFICATE OF ANALYSIS

WHI13000168.1

	Method	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1731091	Soil	369.0	570.0	0.16	9.74	0.95	6.0	65	2.6	1.1	47	0.40	0.7	0.2	1.0	<0.1	12.2	0.02	0.08	0.02	8
1731092	Soil	410.0	535.0	0.19	8.23	0.69	4.8	40	1.6	1.3	83	0.37	1.2	0.1	<0.2	0.1	10.7	<0.01	0.07	<0.02	8
1731093	Soil	195.0	565.0	2.85	28.85	2.39	17.3	115	8.2	20.9	2769	1.94	4.5	0.9	0.6	0.2	33.2	0.11	0.31	0.07	31
1731094	Soil	161.0	464.0	1.64	27.27	6.17	74.8	223	28.6	14.1	318	2.31	8.8	0.8	2.4	1.0	29.8	0.25	0.38	0.12	60
1731095	Soil	84.00	461.0	1.08	18.84	5.20	35.7	134	16.2	9.1	213	1.63	9.8	0.5	2.4	1.0	18.9	0.29	0.37	0.09	41
1731096	Soil	216.0	595.0	0.48	14.15	2.68	22.5	60	8.5	3.8	121	0.99	6.1	0.3	1.4	0.4	12.8	0.07	0.19	0.04	31
1731097	Soil	219.0	586.0	1.98	34.74	10.31	57.4	428	28.7	11.8	362	2.28	104.1	1.1	15.0	1.0	32.0	0.23	0.88	0.33	59
1731098	Soil	156.0	506.0	1.88	35.81	7.66	57.0	279	24.4	11.4	517	2.25	51.7	1.3	8.8	1.1	30.6	0.25	0.90	0.24	56
1731099	Soil	347.0	750.0	0.84	34.12	5.38	37.7	97	20.0	8.1	230	1.85	48.9	0.5	10.2	1.7	23.2	0.14	0.52	0.14	47
1731100	Soil	165.0	944.0	1.24	43.07	8.09	62.9	108	24.4	13.8	451	3.21	37.3	0.9	11.2	2.2	38.9	0.14	0.65	0.21	88
1731101	Soil	293.0	520.0	0.90	23.02	6.48	45.5	245	12.7	8.6	697	1.45	10.0	1.1	3.6	0.5	39.4	0.25	0.46	0.29	29
1731102	Soil	215.0	614.0	0.75	25.22	8.14	63.0	251	15.0	8.8	644	1.72	10.3	1.0	4.8	0.9	42.7	0.31	0.51	0.34	37
1731103	Soil	161.0	524.0	1.00	25.82	6.87	58.2	125	12.7	7.1	328	1.60	7.9	1.0	3.6	1.0	34.6	0.30	0.40	0.20	36
1731104	Soil	174.0	448.0	0.96	25.12	8.21	55.8	200	13.2	8.5	429	1.78	11.9	0.9	11.8	1.2	33.0	0.26	0.43	0.25	46
1731105	Soil	209.0	474.0	0.75	23.31	15.13	73.8	180	12.9	7.1	375	1.50	12.2	0.8	6.7	1.0	29.7	0.54	0.48	0.36	35
1731106	Soil	91.00	279.0	0.88	20.45	7.06	44.2	118	12.3	7.7	302	1.75	6.7	0.7	4.0	1.0	32.6	0.20	0.44	0.20	45
1731107	Soil	58.00	543.0	0.60	16.41	2.61	23.2	43	5.1	3.3	70	1.37	2.4	0.3	3.8	0.3	18.6	0.03	0.25	0.06	37
1731108	Soil	193.0	278.0	0.86	15.98	5.40	25.7	75	7.5	3.4	91	1.12	5.2	0.4	2.7	0.4	16.2	0.11	0.31	0.12	27
1731109	Soil	227.0	441.0	0.82	22.92	6.84	34.7	156	10.2	4.2	99	1.46	5.8	0.7	8.6	0.9	22.6	0.09	0.39	0.18	36
1731110 Stream-12	Soil Pulp			10.00	74.61	12.94	94.8	380	45.6	16.7	613	4.04	12.1	2.2	31.5	4.0	120.0	0.64	0.88	0.23	83
1731111	Soil	189.0	546.0	0.58	15.93	4.77	28.7	108	6.5	4.4	207	1.30	3.6	0.5	3.5	0.5	21.4	0.16	0.28	0.11	33
1731112	Soil	467.0	531.0	0.77	24.73	7.86	40.6	102	12.4	6.4	341	1.55	6.3	0.9	3.8	1.0	22.2	0.14	0.33	0.21	36
1731113	Soil	166.0	229.0	0.96	22.39	13.42	58.2	170	14.4	9.1	585	1.62	8.1	0.9	3.1	1.1	29.7	0.40	0.41	0.30	37
1731114	Soil	256.0	857.0	0.77	18.84	8.24	57.4	71	15.3	8.0	345	2.33	9.0	0.6	6.0	2.1	28.5	0.18	0.46	0.27	62
1731115	Soil	102.0	745.0	0.78	14.67	2.77	19.0	159	5.0	6.7	407	1.28	2.0	0.4	1.4	0.2	20.7	0.07	0.18	0.07	32
1731116	Soil	329.0	1251	0.57	28.98	10.26	49.4	101	15.8	8.4	289	2.25	13.1	0.7	3.1	2.7	27.5	0.21	0.50	0.25	53
1731117	Soil	222.0	757.0	0.22	7.24	0.88	9.1	44	2.3	2.0	89	0.56	0.4	0.2	0.8	0.1	12.9	0.03	0.06	0.02	15
1731118	Soil	139.0	595.0	1.54	19.24	6.82	38.6	73	8.9	4.6	238	1.31	4.9	0.3	2.9	0.5	17.2	0.18	0.36	0.12	37
1731119	Soil	182.0	609.0	0.47	18.39	2.66	27.5	139	5.8	4.3	424	1.21	4.8	0.4	1.9	0.3	32.6	0.25	0.23	0.06	23
1731120	Soil	193.0	502.0	0.56	16.32	3.19	28.1	81	6.2	3.2	176	0.89	3.2	0.4	1.5	0.2	29.0	0.11	0.23	0.06	20

CERTIFICATE OF ANALYSIS

WHI13000168.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
1731091	Soil	0.11	0.030	2.4	3.4	0.06	39.9	0.013	1	0.43	0.043	0.03	<0.1	0.5	<0.02	0.02	8	<0.1	<0.02	1.3	0.17
1731092	Soil	0.10	0.029	1.9	2.7	0.05	27.2	0.013	<1	0.30	0.040	0.03	<0.1	0.5	<0.02	<0.02	12	<0.1	0.02	1.0	0.13
1731093	Soil	0.33	0.098	7.4	9.9	0.14	118.1	0.020	2	1.11	0.039	0.03	<0.1	1.2	0.07	0.09	30	0.3	0.02	3.6	0.37
1731094	Soil	0.35	0.078	9.0	34.2	0.57	132.5	0.099	1	1.57	0.020	0.06	0.1	2.8	0.08	0.05	41	0.6	0.03	5.9	1.25
1731095	Soil	0.15	0.032	6.3	17.0	0.28	77.5	0.062	2	1.12	0.029	0.05	0.1	1.8	0.06	0.02	31	0.1	0.05	4.6	0.87
1731096	Soil	0.12	0.038	3.5	9.8	0.13	41.1	0.045	1	0.76	0.044	0.05	<0.1	0.9	0.03	<0.02	16	<0.1	<0.02	2.7	0.46
1731097	Soil	0.30	0.073	9.5	38.5	0.49	118.2	0.107	2	1.27	0.023	0.05	0.1	2.9	0.13	0.05	45	1.1	0.02	5.9	1.67
1731098	Soil	0.35	0.084	10.5	29.1	0.44	110.5	0.087	3	1.19	0.024	0.04	0.2	2.7	0.12	0.06	53	0.8	<0.02	5.1	1.60
1731099	Soil	0.25	0.048	8.8	28.3	0.44	108.6	0.099	2	1.04	0.027	0.04	0.1	2.2	0.07	<0.02	17	0.2	0.02	4.2	0.95
1731100	Soil	0.43	0.077	12.4	32.5	0.68	122.8	0.148	2	1.44	0.024	0.06	0.2	3.3	0.08	0.03	25	0.2	0.03	6.2	1.65
1731101	Soil	0.48	0.066	7.8	20.9	0.30	146.9	0.040	2	1.21	0.032	0.04	<0.1	2.2	0.08	0.05	43	0.2	0.05	4.2	1.02
1731102	Soil	0.54	0.069	8.5	25.9	0.37	179.4	0.054	2	1.50	0.029	0.05	<0.1	2.8	0.09	0.05	40	0.2	0.03	4.9	1.28
1731103	Soil	0.35	0.050	7.8	19.6	0.31	114.5	0.066	2	1.20	0.030	0.04	<0.1	2.3	0.08	0.03	31	0.2	0.02	4.5	1.07
1731104	Soil	0.33	0.055	8.3	20.2	0.37	101.8	0.068	2	1.20	0.030	0.05	0.1	2.4	0.08	0.03	29	0.2	0.03	4.4	1.42
1731105	Soil	0.31	0.049	8.4	19.8	0.35	104.6	0.051	1	1.16	0.031	0.05	<0.1	2.2	0.08	0.03	32	0.2	0.03	4.5	1.42
1731106	Soil	0.35	0.059	8.2	19.9	0.34	82.4	0.073	2	0.98	0.025	0.04	<0.1	2.0	0.07	0.04	41	0.2	0.03	4.3	1.18
1731107	Soil	0.14	0.037	4.3	9.2	0.08	41.6	0.063	<1	0.70	0.023	0.02	<0.1	0.8	0.04	0.03	27	0.1	<0.02	3.5	0.42
1731108	Soil	0.13	0.032	4.9	12.9	0.19	47.3	0.041	1	0.71	0.029	0.03	<0.1	1.1	0.05	0.03	23	0.2	<0.02	3.4	0.73
1731109	Soil	0.22	0.051	8.0	17.1	0.28	76.6	0.064	1	0.94	0.029	0.04	0.1	1.9	0.08	0.03	52	0.2	0.06	4.1	1.02
1731110 Stream-12	Soil Pulp	3.55	0.094	15.7	59.5	1.33	210.6	0.193	4	1.69	0.079	0.20	0.9	6.2	0.12	0.11	52	0.6	0.03	6.6	1.05
1731111	Soil	0.21	0.047	5.3	11.1	0.18	64.2	0.052	1	0.67	0.032	0.03	<0.1	1.3	0.05	0.03	25	0.2	0.03	3.0	0.55
1731112	Soil	0.24	0.050	8.4	17.9	0.32	106.9	0.059	1	1.18	0.032	0.04	0.1	2.1	0.08	0.02	20	0.2	0.02	4.1	1.17
1731113	Soil	0.33	0.048	9.5	21.0	0.36	127.5	0.063	1	1.31	0.033	0.05	<0.1	2.5	0.11	0.03	33	0.1	0.04	4.6	1.66
1731114	Soil	0.37	0.055	8.5	26.1	0.50	86.8	0.106	2	1.22	0.028	0.05	0.1	2.6	0.06	<0.02	22	<0.1	0.03	4.9	0.93
1731115	Soil	0.22	0.070	4.2	9.4	0.13	48.8	0.046	<1	0.42	0.039	0.03	<0.1	1.0	0.04	0.04	22	0.2	<0.02	2.4	0.35
1731116	Soil	0.34	0.055	10.6	28.3	0.47	123.2	0.104	2	1.38	0.030	0.06	0.1	4.5	0.07	<0.02	24	0.2	0.03	4.5	1.09
1731117	Soil	0.12	0.032	2.1	4.5	0.06	26.8	0.027	<1	0.28	0.041	0.03	<0.1	0.5	<0.02	<0.02	9	<0.1	<0.02	1.2	0.16
1731118	Soil	0.16	0.030	5.0	16.7	0.17	56.8	0.057	1	0.71	0.039	0.04	<0.1	1.2	0.06	<0.02	18	<0.1	0.03	4.1	0.85
1731119	Soil	0.54	0.062	4.6	10.5	0.15	75.3	0.037	2	0.66	0.044	0.04	<0.1	1.4	0.05	0.06	36	0.3	<0.02	2.3	0.53
1731120	Soil	0.35	0.045	4.5	10.6	0.15	72.8	0.031	1	0.72	0.040	0.04	<0.1	1.1	0.04	0.04	21	0.2	<0.02	2.7	0.67

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Project: 210800
Report Date: August 07, 2013

Page: 5 of 6

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI13000168.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb	%
	MDL	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1731091	Soil	<0.1	<0.02	0.16	1.9	0.1	<0.05	0.3	1.35	4.9	<0.02	<1	<0.1	0.8	<10	<2
1731092	Soil	<0.1	<0.02	0.07	1.5	<0.1	<0.05	0.2	1.10	4.4	<0.02	<1	<0.1	0.7	<10	<2
1731093	Soil	<0.1	<0.02	0.35	3.0	0.2	<0.05	1.0	4.60	16.7	<0.02	<1	0.3	2.4	<10	<2
1731094	Soil	<0.1	0.05	1.74	9.3	0.5	<0.05	2.1	4.04	17.7	<0.02	<1	<0.1	11.5	<10	<2
1731095	Soil	<0.1	0.05	0.95	7.4	0.5	<0.05	2.2	2.86	13.1	<0.02	<1	<0.1	9.1	<10	<2
1731096	Soil	<0.1	<0.02	0.50	3.0	1.0	<0.05	1.0	1.58	6.9	<0.02	<1	0.3	2.8	<10	<2
1731097	Soil	<0.1	0.04	1.60	10.3	1.0	<0.05	2.4	4.19	20.0	0.03	<1	0.3	11.4	<10	<2
1731098	Soil	<0.1	0.04	1.17	8.3	0.5	<0.05	2.0	4.95	22.2	0.03	<1	0.2	9.4	<10	<2
1731099	Soil	<0.1	0.04	0.79	6.7	0.7	<0.05	1.9	3.82	19.8	<0.02	<1	0.2	9.5	<10	<2
1731100	Soil	<0.1	0.05	1.20	8.5	1.5	<0.05	2.7	5.37	29.0	<0.02	<1	0.3	14.4	<10	<2
1731101	Soil	<0.1	0.03	0.67	7.6	0.5	<0.05	1.8	5.27	15.5	<0.02	<1	0.4	6.2	<10	<2
1731102	Soil	<0.1	0.04	0.75	9.2	0.7	<0.05	1.9	4.94	17.5	<0.02	<1	0.5	8.5	<10	<2
1731103	Soil	<0.1	0.02	0.88	7.6	0.9	<0.05	2.0	3.82	16.8	<0.02	<1	0.2	7.6	<10	<2
1731104	Soil	<0.1	0.03	0.78	7.4	0.6	<0.05	1.7	4.04	17.6	0.03	<1	0.3	7.1	<10	<2
1731105	Soil	<0.1	0.03	0.80	7.0	0.7	<0.05	1.3	3.73	18.7	<0.02	<1	0.3	7.2	<10	<2
1731106	Soil	<0.1	0.04	0.91	6.2	0.8	<0.05	1.8	3.56	17.8	<0.02	<1	0.2	6.6	<10	<2
1731107	Soil	<0.1	0.03	0.58	3.2	0.7	<0.05	1.2	1.51	8.9	<0.02	<1	0.1	1.9	<10	<2
1731108	Soil	<0.1	<0.02	0.60	4.6	0.8	<0.05	0.9	1.82	10.3	<0.02	<1	0.2	3.9	<10	<2
1731109	Soil	<0.1	0.03	0.80	5.0	0.5	<0.05	1.5	3.57	17.1	<0.02	<1	0.2	6.0	<10	<2
1731110 Stream-12	Soil Pulp	<0.1	0.07	0.85	11.2	2.2	<0.05	2.3	11.46	32.4	0.07	<1	0.3	14.2	<10	<2
1731111	Soil	<0.1	<0.02	0.47	3.8	0.6	<0.05	1.1	2.59	11.4	<0.02	<1	0.3	3.3	<10	<2
1731112	Soil	<0.1	0.03	0.71	6.5	0.4	<0.05	1.6	4.08	17.5	<0.02	<1	0.3	7.0	<10	<2
1731113	Soil	<0.1	0.03	0.80	8.0	0.8	<0.05	1.4	4.49	21.3	0.02	<1	0.4	8.6	<10	<2
1731114	Soil	<0.1	0.05	0.80	6.9	1.5	<0.05	2.3	3.76	19.0	0.02	<1	0.2	9.3	<10	<2
1731115	Soil	<0.1	<0.02	0.32	3.0	1.3	<0.05	0.9	2.12	9.1	<0.02	<1	0.1	1.5	<10	<2
1731116	Soil	<0.1	0.07	0.74	7.5	1.2	<0.05	3.9	6.56	23.3	0.03	<1	0.3	9.0	<10	<2
1731117	Soil	<0.1	<0.02	0.12	2.1	0.2	<0.05	0.2	1.05	4.6	<0.02	<1	<0.1	0.8	<10	<2
1731118	Soil	<0.1	<0.02	0.60	7.6	1.9	<0.05	0.9	1.75	10.6	<0.02	<1	0.2	4.5	<10	<2
1731119	Soil	<0.1	0.02	0.26	3.4	0.4	<0.05	0.6	2.83	10.3	<0.02	<1	0.1	2.1	<10	<2
1731120	Soil	<0.1	<0.02	0.42	4.2	0.5	<0.05	0.9	2.83	9.2	<0.02	<1	0.1	2.6	<10	<2

CERTIFICATE OF ANALYSIS

WHI13000168.1

	Method	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
1731121	Soil	300.0	603.0	0.25	8.52	1.24	9.5	28	2.8	1.4	55	0.57	1.6	0.3	1.6	<0.1	17.0	0.03	0.09	0.03
1731122	Soil	93.00	857.0	0.83	12.58	5.51	35.7	61	10.0	5.2	211	1.38	4.3	0.4	1.4	0.9	21.4	0.12	0.27	0.08
1731123	Soil	186.0	600.0	0.44	34.79	4.34	33.2	76	13.1	6.5	251	1.58	6.0	1.7	3.5	0.9	31.6	0.19	0.42	0.09
1731124	Soil	102.0	552.0	0.68	12.84	1.38	22.6	102	4.2	8.8	1594	1.55	1.6	0.3	0.4	0.3	19.7	0.09	0.16	0.03
1731125	Soil	247.0	453.0	0.67	16.09	1.68	9.8	71	4.1	2.7	298	0.57	1.6	0.5	0.5	0.1	23.5	0.04	0.18	0.04
1731126	Soil	156.0	716.0	0.35	12.89	2.02	14.2	43	3.9	2.2	74	0.76	1.9	0.2	0.5	0.3	12.2	0.05	0.18	0.05
1731127	Soil	158.0	717.0	0.21	6.92	0.55	5.9	52	1.9	1.5	159	0.50	1.1	0.1	<0.2	<0.1	11.9	0.02	0.07	0.04
1731128	Soil	169.0	1140	0.42	31.79	6.48	52.2	76	26.7	12.4	451	2.90	7.5	0.9	6.9	3.4	32.7	0.19	0.56	0.13
1731129	Soil	227.0	561.0	0.50	25.42	1.50	17.0	45	6.6	2.8	301	0.81	1.2	0.3	0.3	<0.1	19.6	0.05	0.14	0.03
1731130	Soil Pulp			1.13	21.13	0.80	19.4	826	6.3	4.1	90	1.27	1.6	0.2	119.1	0.4	13.1	0.02	1.09	1.78
1731131	Soil	61.00	442.0	1.73	60.26	6.46	62.8	180	15.4	10.9	1388	5.36	118.9	1.1	3.9	0.7	47.9	0.84	0.75	0.21
1731132	Soil	259.0	728.0	1.08	33.19	1.64	15.2	97	5.9	5.0	544	1.36	8.5	0.6	1.0	0.1	24.3	0.33	0.29	0.05
1731133	Soil	165.0	351.0	1.01	33.23	11.43	86.2	380	20.9	10.1	296	2.24	33.1	4.0	10.8	1.5	49.8	0.71	1.39	0.70
1731134	Soil	128.0	436.0	1.08	30.31	3.72	17.0	84	8.4	4.4	371	2.10	10.0	0.5	1.8	0.2	29.2	0.16	0.30	0.09
1731135	Soil	134.0	677.0	0.49	19.24	2.21	20.3	66	5.8	3.7	275	1.20	2.2	0.4	0.8	0.2	23.3	0.08	0.18	0.05
1731136	Soil	163.0	772.0	0.96	24.10	3.64	21.4	65	6.8	3.0	146	0.96	5.4	0.6	4.1	0.3	22.6	0.12	0.33	0.08
1731137	Soil	324.0	1402	0.81	43.45	10.72	53.8	127	26.8	11.8	313	2.80	41.2	1.0	9.4	2.6	33.5	0.11	0.85	0.16
1731138	Soil	435.0	1137	0.91	32.21	6.88	62.6	119	25.9	11.7	400	2.87	40.7	0.7	47.3	2.3	43.4	0.20	0.73	0.15
1731139	Soil	258.0	636.0	0.96	32.59	7.54	43.4	146	16.2	9.1	371	2.12	47.9	0.9	6.7	1.3	32.5	0.14	0.55	0.17
1731140	Soil	127.0	664.0	2.09	33.41	4.88	32.9	342	10.4	12.2	2781	1.80	35.4	1.0	6.3	0.7	23.7	0.42	0.58	0.14
1731141	Soil	151.0	364.0	0.79	27.03	3.76	22.6	123	7.8	4.3	538	1.18	13.3	0.5	2.6	0.2	24.4	0.05	0.27	0.09
1731142	Soil	298.0	496.0	0.53	23.62	2.67	19.7	103	6.4	4.6	434	1.05	17.2	0.4	2.4	0.4	18.9	0.05	0.24	0.06
1731143	Soil	203.0	594.0	1.04	24.14	3.08	26.8	203	6.8	6.9	453	1.80	7.8	0.9	3.7	0.6	21.5	0.06	0.29	0.10
1731144	Soil	213.0	712.0	0.73	22.44	2.31	24.5	84	6.6	4.6	450	1.09	29.1	0.4	1.9	0.4	20.5	0.10	0.25	0.16
1731145	Soil	67.00	822.0	0.86	35.09	1.85	36.8	58	8.2	6.4	350	1.95	3.5	0.8	1.1	0.3	24.5	0.09	0.21	0.05
1731146	Soil	250.0	1115	1.09	30.44	7.05	60.1	89	26.9	12.9	783	2.48	12.9	0.7	3.4	1.9	32.0	0.09	0.46	0.18
1731147	Soil	222.0	618.0	0.77	33.38	3.98	27.1	90	11.9	5.7	166	2.03	12.8	1.4	4.2	1.0	16.1	0.15	0.45	0.10
1731148	Soil	399.0	969.0	0.54	31.54	5.67	49.3	62	20.5	8.7	160	2.37	9.6	0.7	3.7	2.6	23.1	0.16	0.39	0.11
1731149	Soil	261.0	1621	0.89	40.71	8.10	71.9	99	41.4	13.2	291	2.81	7.6	0.8	9.4	4.4	31.0	0.21	0.61	0.24
1731150 Stream-12	Soil Pulp			9.30	71.04	11.73	89.9	362	43.5	16.5	538	3.67	12.2	1.8	36.3	3.1	108.7	0.66	0.88	0.25

CERTIFICATE OF ANALYSIS

WHI13000168.1

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
1731121	Soil		0.16	0.028	2.1	5.6	0.07	42.0	0.023	<1	0.38	0.041	0.03	<0.1	0.5	0.02	0.03	14	<0.1	<0.02	1.8	0.26
1731122	Soil		0.25	0.043	4.5	17.3	0.24	85.2	0.053	<1	0.81	0.035	0.04	<0.1	1.7	0.04	0.02	15	<0.1	<0.02	3.4	0.95
1731123	Soil		0.44	0.073	7.4	18.4	0.28	138.1	0.075	1	0.99	0.038	0.04	<0.1	2.4	0.06	0.06	33	0.3	<0.02	4.0	0.54
1731124	Soil		0.25	0.077	3.8	7.2	0.09	88.1	0.065	<1	0.42	0.036	0.02	<0.1	0.7	0.04	0.03	15	0.2	<0.02	2.9	0.14
1731125	Soil		0.26	0.046	4.8	6.4	0.09	107.5	0.018	<1	0.51	0.044	0.03	<0.1	0.8	0.03	0.05	28	0.2	<0.02	1.9	0.29
1731126	Soil		0.12	0.030	2.9	7.7	0.11	51.6	0.032	<1	0.49	0.035	0.04	<0.1	0.8	0.03	<0.02	9	0.1	<0.02	2.0	0.57
1731127	Soil		0.11	0.029	2.0	3.7	0.05	33.0	0.019	<1	0.25	0.042	0.03	<0.1	0.5	<0.02	<0.02	9	0.1	<0.02	1.1	0.13
1731128	Soil		0.52	0.065	14.5	43.5	0.58	191.4	0.120	2	1.91	0.029	0.07	<0.1	6.4	0.10	<0.02	32	0.2	<0.02	5.6	0.86
1731129	Soil		0.23	0.053	3.4	7.1	0.10	75.0	0.030	<1	0.65	0.037	0.03	<0.1	0.5	0.03	0.06	23	0.2	<0.02	2.0	0.22
1731130	Soil Pulp		0.29	0.028	2.9	5.5	0.08	11.5	0.179	<1	0.21	0.063	0.05	0.2	0.5	0.09	<0.02	<5	<0.1	<0.02	1.2	2.20
1731131	Soil		0.68	0.094	11.7	20.2	0.24	272.6	0.034	1	1.64	0.021	0.03	0.1	2.5	0.09	0.15	72	0.6	0.06	3.6	0.78
1731132	Soil		0.32	0.054	5.2	6.2	0.08	89.1	0.024	<1	0.71	0.032	0.03	<0.1	0.8	0.03	0.04	23	0.2	<0.02	2.0	0.25
1731133	Soil		0.91	0.081	13.3	29.5	0.46	298.7	0.058	2	1.60	0.028	0.06	0.1	4.6	0.09	0.07	41	1.4	0.04	4.4	3.00
1731134	Soil		0.32	0.086	6.9	11.2	0.17	102.3	0.028	<1	0.93	0.032	0.03	0.1	1.3	0.06	0.08	32	0.2	0.02	3.4	0.40
1731135	Soil		0.30	0.074	4.9	9.1	0.14	67.0	0.047	<1	0.59	0.036	0.03	<0.1	0.9	0.04	0.05	29	0.2	<0.02	2.5	0.32
1731136	Soil		0.25	0.057	5.5	11.6	0.16	61.9	0.036	<1	0.67	0.025	0.03	<0.1	1.1	0.05	0.05	28	0.1	0.03	3.0	0.62
1731137	Soil		0.40	0.066	13.1	39.3	0.92	176.4	0.095	1	2.36	0.011	0.08	0.1	5.1	0.11	0.02	21	0.2	<0.02	6.4	1.92
1731138	Soil		0.51	0.092	13.4	39.8	0.84	123.8	0.140	1	1.69	0.016	0.08	0.2	3.9	0.08	0.02	23	0.2	<0.02	5.6	1.77
1731139	Soil		0.43	0.056	11.8	28.1	0.49	101.8	0.078	1	1.23	0.020	0.04	0.2	2.9	0.09	0.05	33	0.3	0.02	4.8	1.18
1731140	Soil		0.29	0.087	8.2	21.8	0.30	113.8	0.053	1	1.03	0.024	0.04	0.1	2.7	0.15	0.08	65	0.4	<0.02	3.6	1.21
1731141	Soil		0.29	0.071	4.6	11.9	0.16	94.0	0.028	<1	0.62	0.031	0.03	<0.1	1.3	0.05	0.07	29	0.3	0.03	2.4	0.38
1731142	Soil		0.22	0.064	4.7	12.8	0.22	74.8	0.045	<1	0.65	0.033	0.03	<0.1	1.4	0.05	0.05	24	0.2	<0.02	2.5	0.40
1731143	Soil		0.25	0.084	6.2	17.4	0.21	73.3	0.055	<1	0.80	0.025	0.03	<0.1	2.0	0.09	0.06	38	0.3	<0.02	3.3	0.68
1731144	Soil		0.22	0.052	3.7	10.0	0.18	78.4	0.043	<1	0.77	0.031	0.03	<0.1	1.0	0.04	0.04	21	0.2	<0.02	2.4	0.39
1731145	Soil		0.34	0.091	5.3	9.6	0.12	78.6	0.096	<1	0.65	0.029	0.03	<0.1	0.9	0.03	0.06	19	0.2	<0.02	3.7	0.24
1731146	Soil		0.46	0.083	8.8	35.1	0.59	162.7	0.101	1	1.74	0.018	0.09	0.1	3.3	0.11	0.03	23	0.3	0.03	5.5	1.09
1731147	Soil		0.22	0.052	9.0	18.2	0.24	88.0	0.047	<1	0.92	0.027	0.05	<0.1	2.6	0.06	0.03	30	0.5	0.02	2.9	0.54
1731148	Soil		0.33	0.065	11.2	34.5	0.49	109.8	0.096	1	1.37	0.025	0.06	0.1	4.5	0.07	<0.02	23	0.3	<0.02	4.3	0.65
1731149	Soil		0.52	0.092	16.5	53.7	0.96	194.7	0.146	<1	1.98	0.020	0.15	0.1	5.2	0.19	<0.02	33	0.4	0.05	6.0	1.46
1731150 Stream-12	Soil Pulp		3.17	0.097	10.9	53.1	1.22	193.8	0.137	3	1.76	0.073	0.21	1.0	5.2	0.10	0.10	60	0.6	0.07	5.6	0.93

CERTIFICATE OF ANALYSIS

WHI13000168.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
1731121	Soil	<0.1	<0.02	0.21	2.2	0.1	<0.05	0.3	1.20	4.2	<0.02	<1	<0.1	0.9	<10	<2	11.2
1731122	Soil	<0.1	<0.02	0.44	5.2	2.3	<0.05	0.9	2.41	10.1	<0.02	<1	0.2	4.5	<10	<2	9.4
1731123	Soil	<0.1	0.04	0.64	4.0	0.5	<0.05	2.6	4.43	15.2	<0.02	<1	0.1	5.8	<10	<2	15.5
1731124	Soil	<0.1	<0.02	0.21	1.1	0.6	<0.05	0.9	2.18	8.7	<0.02	<1	0.2	1.1	<10	<2	10.0
1731125	Soil	<0.1	<0.02	0.27	2.3	0.3	<0.05	0.5	4.58	8.0	<0.02	<1	0.3	1.1	<10	<2	15.7
1731126	Soil	<0.1	<0.02	0.30	2.8	0.2	<0.05	0.3	1.28	6.3	<0.02	<1	<0.1	2.0	<10	<2	7.7
1731127	Soil	<0.1	<0.02	0.10	1.5	0.2	<0.05	0.1	1.13	3.9	<0.02	<1	<0.1	0.6	<10	<2	6.6
1731128	Soil	<0.1	0.11	0.69	9.1	0.7	<0.05	6.4	9.89	31.5	0.02	<1	0.4	13.1	<10	<2	6.9
1731129	Soil	<0.1	<0.02	0.33	1.7	0.6	<0.05	1.0	2.25	6.4	<0.02	<1	0.1	1.7	<10	<2	18.6
1731130	Soil Pulp	<0.1	0.30	0.28	9.7	0.2	<0.05	12.3	6.86	7.3	<0.02	<1	0.1	5.4	<10	<2	1.0
1731131	Soil	<0.1	0.03	0.81	4.1	1.0	<0.05	2.0	9.47	25.4	<0.02	1	0.5	6.3	<10	<2	35.1
1731132	Soil	<0.1	<0.02	0.28	1.6	0.3	<0.05	0.4	3.96	9.8	<0.02	<1	0.2	1.5	<10	<2	16.3
1731133	Soil	<0.1	0.04	0.81	10.8	1.0	<0.05	2.3	10.93	26.7	0.04	3	0.4	13.7	<10	<2	17.5
1731134	Soil	<0.1	<0.02	0.54	3.0	2.2	<0.05	1.1	4.36	13.8	<0.02	<1	0.3	2.8	<10	<2	22.0
1731135	Soil	<0.1	<0.02	0.29	2.5	0.6	<0.05	0.9	2.80	10.7	<0.02	<1	0.1	2.0	<10	<2	I.S.
1731136	Soil	<0.1	<0.02	0.61	4.3	0.7	<0.05	1.1	2.99	11.2	<0.02	<1	0.2	3.1	<10	<2	18.2
1731137	Soil	<0.1	0.03	0.76	11.3	1.0	<0.05	1.4	6.21	31.7	0.03	<1	0.5	15.6	<10	<2	9.4
1731138	Soil	<0.1	0.04	1.19	9.7	0.7	<0.05	2.1	6.53	32.7	0.02	<1	0.4	14.7	<10	<2	8.2
1731139	Soil	<0.1	0.03	1.04	6.7	0.6	<0.05	1.5	6.83	23.1	<0.02	<1	0.3	9.9	<10	<2	16.8
1731140	Soil	<0.1	<0.02	0.52	4.3	0.6	<0.05	0.9	4.94	22.3	<0.02	<1	0.2	5.7	<10	<2	19.5
1731141	Soil	<0.1	<0.02	0.36	2.3	0.5	<0.05	0.9	3.25	8.4	<0.02	<1	0.2	2.3	<10	<2	18.3
1731142	Soil	<0.1	<0.02	0.84	2.2	0.5	<0.05	0.9	2.83	9.7	<0.02	<1	0.1	3.2	<10	<2	14.7
1731143	Soil	<0.1	<0.02	0.45	3.0	0.5	<0.05	0.9	3.44	15.1	<0.02	<1	0.2	3.6	<10	<2	16.9
1731144	Soil	<0.1	<0.02	0.44	3.1	0.5	<0.05	0.9	2.22	7.8	<0.02	<1	0.2	3.5	<10	<2	12.7
1731145	Soil	<0.1	0.03	0.39	1.8	0.5	<0.05	2.0	2.95	11.3	<0.02	<1	0.2	1.9	<10	<2	16.1
1731146	Soil	<0.1	0.02	1.00	11.4	1.2	<0.05	1.8	4.38	19.4	<0.02	<1	0.3	14.8	<10	<2	10.7
1731147	Soil	<0.1	0.02	0.69	5.5	0.7	<0.05	1.4	5.80	19.4	<0.02	<1	0.4	6.0	<10	<2	11.9
1731148	Soil	<0.1	0.07	0.83	7.6	0.9	<0.05	4.3	7.18	24.5	<0.02	<1	0.3	10.8	<10	<2	7.0
1731149	Soil	<0.1	0.18	0.83	24.6	2.0	<0.05	7.3	8.25	29.2	0.03	<1	0.4	18.9	<10	<2	5.3
1731150 Stream-12	Soil Pulp	<0.1	0.05	0.71	9.9	2.2	<0.05	1.9	9.19	20.4	0.06	5	0.3	13.0	<10	<2	7.0

QUALITY CONTROL REPORT

WHI13000168.1

	Method	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
Pulp Duplicates																					
1731011	Soil	111.0	398.0	1.66	20.04	10.34	41.4	276	16.7	5.7	190	1.69	6.6	0.5	1.8	0.9	54.3	0.27	0.51	0.13	38
REP 1731011	QC																				
1731014	Soil	83.00	463.0	0.46	13.51	3.73	17.9	53	4.8	2.3	92	0.64	1.8	0.3	0.5	<0.1	13.7	0.11	0.17	0.05	13
REP 1731014	QC			0.45	13.27	3.66	18.4	51	4.7	2.3	91	0.66	2.0	0.3	0.4	<0.1	13.9	0.12	0.17	0.04	13
1731023	Soil	148.0	434.0	1.17	39.69	4.36	18.7	210	6.6	2.8	62	0.87	15.1	1.4	3.9	0.4	20.6	0.09	0.59	0.12	17
REP 1731023	QC			1.25	39.64	4.03	19.3	198	6.5	2.7	61	0.88	15.0	1.4	3.0	0.4	20.1	0.09	0.60	0.12	17
1731046	Soil	162.0	572.0	0.20	7.02	2.29	7.7	31	2.3	2.4	77	0.47	1.7	0.2	1.4	0.3	10.1	0.05	0.10	0.04	10
REP 1731046	QC			0.21	7.30	2.24	7.1	31	2.5	2.3	77	0.47	1.6	0.2	1.4	0.3	9.8	0.05	0.10	0.04	10
1731049	Soil	72.00	462.0	0.86	25.64	9.70	73.7	202	18.5	9.3	523	1.94	17.0	1.0	5.1	0.6	45.8	0.67	0.58	0.17	41
REP 1731049	QC																				
1731055	Soil	162.0	604.0	0.99	23.15	8.34	50.5	99	19.1	9.9	409	2.14	9.3	0.7	3.2	1.4	26.1	0.26	0.47	0.18	51
REP 1731055	QC			1.03	22.87	8.39	53.1	98	18.5	9.8	417	2.18	9.8	0.7	2.0	1.4	26.6	0.28	0.48	0.19	51
1731078	Soil	200.0	468.0	1.58	30.72	6.77	38.1	180	17.5	10.3	377	2.45	9.3	1.0	1.5	0.5	29.6	0.07	0.46	0.17	51
REP 1731078	QC			1.48	28.98	6.53	37.2	187	16.3	10.3	378	2.45	8.8	0.9	2.5	0.5	27.8	0.06	0.41	0.16	51
1731087	Soil	501.0	577.0	0.70	19.18	4.81	29.5	72	9.2	4.6	163	1.45	5.8	0.4	<0.2	0.7	24.1	0.08	0.26	0.10	36
REP 1731087	QC			0.66	20.23	4.66	31.7	64	10.0	4.6	168	1.43	4.9	0.4	3.9	0.7	23.7	0.10	0.30	0.10	36
1731110 Stream-12	Soil Pulp			10.00	74.61	12.94	94.8	380	45.6	16.7	613	4.04	12.1	2.2	31.5	4.0	120.0	0.64	0.88	0.23	83
REP 1731110 Stream-12	QC			10.03	72.30	12.82	93.4	378	44.6	17.3	604	4.00	12.0	2.2	36.9	3.9	119.3	0.59	0.91	0.24	82
1731119	Soil	182.0	609.0	0.47	18.39	2.66	27.5	139	5.8	4.3	424	1.21	4.8	0.4	1.9	0.3	32.6	0.25	0.23	0.06	23
REP 1731119	QC			0.46	18.65	2.56	27.0	140	5.9	3.9	421	1.18	5.2	0.4	1.7	0.3	32.0	0.24	0.23	0.05	23
1731135	Soil	134.0	677.0	0.49	19.24	2.21	20.3	66	5.8	3.7	275	1.20	2.2	0.4	0.8	0.2	23.3	0.08	0.18	0.05	33
REP 1731135	QC			0.39	16.78	1.72	17.9	57	5.0	3.2	237	1.00	1.7	0.3	0.8	0.2	20.4	0.08	0.16	0.05	28
1731144	Soil	213.0	712.0	0.73	22.44	2.31	24.5	84	6.6	4.6	450	1.09	29.1	0.4	1.9	0.4	20.5	0.10	0.25	0.16	25
REP 1731144	QC																				
1731150 Stream-12	Soil Pulp			9.30	71.04	11.73	89.9	362	43.5	16.5	538	3.67	12.2	1.8	36.3	3.1	108.7	0.66	0.88	0.25	73
REP 1731150 Stream-12	QC			9.30	72.01	11.88	94.7	367	41.5	16.0	562	3.71	12.3	1.8	33.8	3.2	110.7	0.67	0.90	0.25	74
Reference Materials																					
STD DOLOMITE-2	Standard																				

QUALITY CONTROL REPORT

WHI13000168.1

Method Analyte Unit MDL		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																					
1731011	Soil	0.78	0.046	5.6	18.6	0.37	75.7	0.048	1	1.22	0.029	0.04	0.1	2.0	0.09	0.06	54	0.3	0.06	5.0	1.16
REP 1731011	QC																				
1731014	Soil	0.17	0.045	2.5	6.8	0.10	37.4	0.023	<1	0.56	0.037	0.04	<0.1	0.6	0.02	0.04	71	0.2	<0.02	2.5	0.39
REP 1731014	QC	0.16	0.045	2.5	7.8	0.09	37.1	0.026	<1	0.56	0.036	0.04	<0.1	0.6	0.02	0.05	64	0.2	<0.02	2.6	0.39
1731023	Soil	0.24	0.045	5.7	10.0	0.16	46.1	0.018	<1	0.60	0.032	0.04	<0.1	1.2	0.06	0.06	46	0.3	0.03	2.4	1.55
REP 1731023	QC	0.24	0.045	5.8	9.8	0.16	45.8	0.017	<1	0.59	0.031	0.04	<0.1	1.1	0.06	0.06	45	0.3	0.03	2.4	1.49
1731046	Soil	0.07	0.022	2.1	4.3	0.06	28.0	0.022	<1	0.60	0.038	0.03	<0.1	0.5	<0.02	<0.02	16	<0.1	<0.02	1.8	0.22
REP 1731046	QC	0.08	0.022	2.1	4.4	0.06	27.0	0.021	<1	0.59	0.036	0.03	<0.1	0.5	<0.02	<0.02	19	<0.1	<0.02	1.9	0.22
1731049	Soil	0.59	0.076	13.7	24.1	0.42	236.2	0.050	2	1.75	0.028	0.07	<0.1	3.7	0.10	0.06	37	0.2	0.04	4.9	1.63
REP 1731049	QC																				
1731055	Soil	0.32	0.046	9.7	24.4	0.43	144.5	0.068	2	1.62	0.028	0.07	0.1	3.3	0.08	0.03	23	<0.1	0.03	5.1	1.68
REP 1731055	QC	0.32	0.047	9.9	25.4	0.45	140.4	0.072	2	1.61	0.028	0.07	0.1	3.3	0.08	0.03	24	<0.1	0.04	5.3	1.68
1731078	Soil	0.31	0.095	9.1	24.8	0.38	147.1	0.043	2	1.81	0.025	0.06	<0.1	3.0	0.09	0.07	27	0.2	0.03	5.3	1.10
REP 1731078	QC	0.30	0.095	8.4	25.7	0.38	138.6	0.044	2	1.79	0.025	0.06	<0.1	3.0	0.08	0.07	46	0.2	<0.02	5.1	1.06
1731087	Soil	0.27	0.031	5.2	14.7	0.25	88.1	0.057	3	1.01	0.039	0.05	0.1	1.6	0.06	0.02	8	<0.1	<0.02	4.1	0.98
REP 1731087	QC	0.27	0.032	5.5	13.9	0.25	94.4	0.058	3	1.01	0.038	0.05	0.1	1.9	0.05	0.02	29	<0.1	0.02	4.1	1.02
1731110 Stream-12	Soil Pulp	3.55	0.094	15.7	59.5	1.33	210.6	0.193	4	1.69	0.079	0.20	0.9	6.2	0.12	0.11	52	0.6	0.03	6.6	1.05
REP 1731110 Stream-12	QC	3.49	0.092	15.1	57.1	1.29	207.9	0.184	4	1.65	0.070	0.19	0.9	6.3	0.13	0.11	60	0.6	0.02	6.4	1.05
1731119	Soil	0.54	0.062	4.6	10.5	0.15	75.3	0.037	2	0.66	0.044	0.04	<0.1	1.4	0.05	0.06	36	0.3	<0.02	2.3	0.53
REP 1731119	QC	0.54	0.060	4.5	10.0	0.14	72.0	0.035	3	0.64	0.041	0.04	<0.1	1.3	0.05	0.06	34	0.3	0.02	2.2	0.51
1731135	Soil	0.30	0.074	4.9	9.1	0.14	67.0	0.047	<1	0.59	0.036	0.03	<0.1	0.9	0.04	0.05	29	0.2	<0.02	2.5	0.32
REP 1731135	QC	0.25	0.066	4.2	8.4	0.12	57.2	0.042	<1	0.50	0.031	0.03	<0.1	0.8	0.04	0.05	20	0.2	<0.02	2.1	0.29
1731144	Soil	0.22	0.052	3.7	10.0	0.18	78.4	0.043	<1	0.77	0.031	0.03	<0.1	1.0	0.04	0.04	21	0.2	<0.02	2.4	0.39
REP 1731144	QC																				
1731150 Stream-12	Soil Pulp	3.17	0.097	10.9	53.1	1.22	193.8	0.137	3	1.76	0.073	0.21	1.0	5.2	0.10	0.10	60	0.6	0.07	5.6	0.93
REP 1731150 Stream-12	QC	3.20	0.095	11.1	51.8	1.21	191.8	0.141	4	1.78	0.075	0.21	0.9	5.5	0.10	0.11	62	0.8	0.08	5.6	0.92
Reference Materials																					
STD DOLOMITE-2	Standard																				

QUALITY CONTROL REPORT

WHI13000168.1

Method Analyte Unit MDL		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
Pulp Duplicates																	
1731011	Soil	<0.1	0.03	1.09	7.6	7.9	<0.05	1.8	2.50	12.7	0.03	<1	0.3	8.2	<10	<2	23.2
REP 1731011	QC																23.0
1731014	Soil	<0.1	<0.02	0.34	2.5	2.6	<0.05	0.6	1.35	5.5	<0.02	<1	0.1	1.9	<10	<2	17.3
REP 1731014	QC	<0.1	<0.02	0.35	2.7	2.7	<0.05	0.3	1.34	5.3	<0.02	<1	0.1	1.8	<10	<2	
1731023	Soil	<0.1	<0.02	0.43	4.2	1.6	<0.05	0.4	3.08	13.3	<0.02	<1	0.2	3.2	<10	<2	I.S.
REP 1731023	QC	<0.1	<0.02	0.43	4.1	1.2	<0.05	0.5	3.06	13.2	<0.02	<1	0.1	3.0	<10	<2	
1731046	Soil	<0.1	<0.02	0.28	1.8	1.0	<0.05	0.5	0.99	4.8	<0.02	<1	<0.1	1.6	<10	<2	8.5
REP 1731046	QC	<0.1	<0.02	0.29	1.7	1.0	<0.05	0.5	1.02	4.8	<0.02	<1	<0.1	1.6	<10	<2	
1731049	Soil	<0.1	0.03	0.81	10.5	3.1	<0.05	1.6	11.12	29.8	0.03	<1	0.5	10.2	<10	<2	23.6
REP 1731049	QC																23.3
1731055	Soil	<0.1	0.02	0.78	8.8	0.9	<0.05	1.2	5.23	23.4	0.02	<1	0.3	11.5	<10	<2	12.0
REP 1731055	QC	<0.1	<0.02	0.86	9.0	0.9	<0.05	1.3	5.51	23.6	0.02	<1	0.4	11.6	<10	<2	
1731078	Soil	<0.1	<0.02	0.65	9.7	0.7	<0.05	1.2	4.85	18.3	<0.02	<1	0.4	7.4	<10	<2	18.4
REP 1731078	QC	<0.1	<0.02	0.68	8.5	0.8	<0.05	1.2	4.78	17.4	<0.02	<1	0.3	8.1	<10	<2	
1731087	Soil	<0.1	<0.02	0.65	9.0	0.7	<0.05	1.1	2.61	9.9	0.02	<1	<0.1	6.1	<10	<2	10.5
REP 1731087	QC	0.1	<0.02	0.73	9.6	0.8	<0.05	1.2	2.77	10.2	<0.02	2	0.4	7.6	<10	<2	11.0
1731110 Stream-12	Soil Pulp	<0.1	0.07	0.85	11.2	2.2	<0.05	2.3	11.46	32.4	0.07	<1	0.3	14.2	<10	<2	6.7
REP 1731110 Stream-12	QC	<0.1	0.06	0.77	11.5	2.2	<0.05	2.0	11.02	31.3	0.06	2	0.5	13.7	<10	<2	
1731119	Soil	<0.1	0.02	0.26	3.4	0.4	<0.05	0.6	2.83	10.3	<0.02	<1	0.1	2.1	<10	<2	17.8
REP 1731119	QC	<0.1	<0.02	0.31	3.4	0.5	<0.05	0.8	2.74	10.0	<0.02	<1	0.3	2.1	<10	<2	
1731135	Soil	<0.1	<0.02	0.29	2.5	0.6	<0.05	0.9	2.80	10.7	<0.02	<1	0.1	2.0	<10	<2	I.S.
REP 1731135	QC	<0.1	<0.02	0.23	2.2	0.5	<0.05	0.3	2.48	8.9	<0.02	<1	0.1	1.5	<10	<2	
1731144	Soil	<0.1	<0.02	0.44	3.1	0.5	<0.05	0.9	2.22	7.8	<0.02	<1	0.2	3.5	<10	<2	12.7
REP 1731144	QC																12.5
1731150 Stream-12	Soil Pulp	<0.1	0.05	0.71	9.9	2.2	<0.05	1.9	9.19	20.4	0.06	5	0.3	13.0	<10	<2	7.0
REP 1731150 Stream-12	QC	0.1	0.05	0.78	9.8	2.1	<0.05	2.0	9.12	21.8	0.06	4	0.3	13.7	<10	<2	
Reference Materials																	
STD DOLOMITE-2	Standard																46.0

QUALITY CONTROL REPORT

WHI13000168.1

		SS80 -80 Wt g 0	SS80 +80 Wt g 0.01	1F30 Mo ppm 0.01	1F30 Cu ppm 0.01	1F30 Pb ppm 0.01	1F30 Zn ppm 0.1	1F30 Ag ppb 2	1F30 Ni ppm 0.1	1F30 Co ppm 0.1	1F30 Mn ppm 1	1F30 Fe % 0.01	1F30 As ppm 0.1	1F30 U ppm 0.1	1F30 Au ppb 0.2	1F30 Th ppm 0.1	1F30 Sr ppm 0.5	1F30 Cd ppm 0.01	1F30 Sb ppm 0.02	1F30 Bi ppm 0.02	1F30 V ppm 2
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS9	Standard			13.23	111.5	125.2	317.2	1881	42.0	7.6	590	2.38	25.1	2.8	113.2	6.2	69.8	2.36	5.56	6.53	40
STD DS9	Standard			13.69	108.4	127.9	316.6	1845	40.4	8.1	589	2.40	25.2	2.9	119.7	7.0	81.1	2.32	5.80	6.68	41
STD DS9	Standard			12.67	108.4	125.4	307.9	1808	40.6	7.2	578	2.39	26.4	2.7	127.4	6.2	75.4	2.24	5.68	6.50	40
STD DS9	Standard			12.27	109.7	129.4	310.7	1879	40.2	7.5	572	2.32	24.1	2.7	123.9	6.4	67.6	2.29	5.53	6.78	38
STD DS9	Standard			12.71	110.1	128.9	315.6	1805	40.4	7.7	566	2.25	24.6	2.7	127.8	6.2	65.8	2.26	5.91	6.69	37
STD DS9	Standard			13.63	112.0	133.9	325.1	1879	41.5	7.6	580	2.36	25.0	2.8	117.2	6.5	66.5	2.31	5.72	6.76	39
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40
STD DOLOMITE-2 Expected																					
BLK	Blank			<0.01	<0.01	<0.01	<0.1	10	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	8	<0.1	<0.1	<1	<0.01	0.4	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.4	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2

QUALITY CONTROL REPORT

WHI13000168.1

		1F30 Ca %	1F30 P %	1F30 La ppm	1F30 Cr ppm	1F30 Mg %	1F30 Ba ppm	1F30 Ti %	1F30 B ppm	1F30 Al %	1F30 Na %	1F30 K %	1F30 W ppm	1F30 Sc ppm	1F30 Ti ppm	1F30 S %	1F30 Hg ppb	1F30 Se ppm	1F30 Te ppm	1F30 Ga ppm	1F30 Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS9	Standard	0.73	0.083	13.5	118.0	0.63	300.5	0.115	3	0.98	0.084	0.40	3.1	2.4	5.14	0.17	199	5.5	4.71	4.3	2.37
STD DS9	Standard	0.80	0.081	17.5	119.7	0.63	304.9	0.130	3	1.02	0.088	0.38	3.0	2.8	5.20	0.16	204	5.5	5.30	5.0	2.41
STD DS9	Standard	0.77	0.084	13.7	118.9	0.63	298.3	0.111	5	1.08	0.126	0.46	2.9	2.5	5.22	0.17	191	6.0	5.54	4.7	2.37
STD DS9	Standard	0.72	0.086	13.5	113.9	0.61	282.5	0.109	2	0.95	0.087	0.41	3.2	2.2	5.40	0.17	217	5.5	5.37	4.6	2.43
STD DS9	Standard	0.68	0.086	13.5	112.5	0.58	276.8	0.110	2	0.87	0.082	0.38	3.2	2.2	5.26	0.16	209	5.3	5.42	4.7	2.42
STD DS9	Standard	0.72	0.088	14.3	117.1	0.62	292.5	0.117	3	0.96	0.092	0.41	3.1	2.3	5.48	0.17	203	5.5	5.39	4.7	2.51
STD DS9 Expected		0.7201	0.0819	13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37
STD DOLOMITE-2 Expected																					
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	1.0	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	0.6	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	0.8	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02

QUALITY CONTROL REPORT

WHI13000168.1

		1F30 Ge ppm 0.1	1F30 Hf ppm 0.02	1F30 Nb ppm 0.02	1F30 Rb ppm 0.1	1F30 Sn ppm 0.1	1F30 Ta ppm 0.05	1F30 Zr ppm 0.1	1F30 Y ppm 0.01	1F30 Ce ppm 0.1	1F30 In ppm 0.02	1F30 Re ppb 1	1F30 Be ppm 0.1	1F30 Li ppm 0.1	1F30 Pd ppb 10	1F30 Pt ppb 2	LOI %
STD DOLOMITE-2	Standard																46.3
STD DOLOMITE-2	Standard																46.0
STD DOLOMITE-2	Standard																46.0
STD DS9	Standard	<0.1	0.08	1.40	33.1	6.6	<0.05	2.0	5.79	25.5	2.28	69	5.8	26.4	124	339	
STD DS9	Standard	<0.1	0.09	1.73	34.9	6.7	<0.05	1.9	7.39	34.9	2.23	58	5.9	26.3	133	352	
STD DS9	Standard	0.1	0.10	1.37	31.9	6.7	<0.05	2.0	6.37	26.2	2.07	68	6.0	25.2	112	358	
STD DS9	Standard	0.2	0.08	1.53	35.7	6.2	<0.05	1.7	6.19	27.8	2.27	62	5.8	26.4	124	370	
STD DS9	Standard	0.1	0.06	1.82	34.9	6.1	<0.05	1.5	6.08	27.2	2.24	56	5.6	25.9	129	351	
STD DS9	Standard	0.1	0.08	1.72	35.0	6.3	<0.05	1.7	6.41	28.9	2.32	60	6.1	26.3	129	362	
STD DS9 Expected		0.1	0.08	1.33	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350	
STD DOLOMITE-2 Expected																	45.9
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	2	<0.1	<0.1	<10	<2	
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	

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Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Whitehorse
Received: August 23, 2013
Report Date: September 04, 2013
Page: 1 of 6

CERTIFICATE OF ANALYSIS

WHI13000327.1

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_016
P.O. Number
Number of Samples: 131

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	131	Dry at 60C			WHI
SS80	125	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	125	Saving all or part of Soil Reject			WHI
1F06	131	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
2A05	128	Loss on Ignition at 1000 C		Completed	VAN

ADDITIONAL COMMENTS



CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1731219	Soil	1.22	30.38	11.05	78.5	315	27.2	9.1	460	2.87	26.8	0.9	7.5	0.8	36.5	0.38	0.65	0.30	63	0.47
1731220	Soil	0.97	21.17	6.98	51.2	209	18.9	7.3	410	2.27	21.7	0.8	6.7	0.9	33.9	0.16	0.70	0.25	50	0.47
1731221	Soil	0.97	22.78	8.19	53.7	130	15.2	6.9	343	1.84	8.0	0.6	3.1	0.8	26.0	0.38	0.33	0.18	42	0.44
1731222	Soil	1.10	26.12	8.16	46.0	142	18.3	7.8	399	2.02	8.5	1.0	5.9	0.7	31.8	0.25	0.39	0.19	45	0.55
1731223	Soil	1.14	34.12	5.33	44.5	158	21.7	7.7	304	2.29	8.4	0.7	2.5	0.9	32.9	0.49	0.47	0.16	53	0.47
1731224	Soil	1.10	18.97	5.80	36.4	52	15.8	7.2	343	1.95	6.8	0.6	2.8	1.1	18.0	0.24	0.30	0.18	45	0.22
1731225	Soil	0.78	29.48	8.30	78.3	115	37.4	16.2	336	3.36	8.2	0.8	5.5	4.5	31.9	0.11	0.38	0.17	71	0.68
1731226	Soil	0.54	25.12	7.43	94.4	137	37.7	14.9	535	3.03	8.7	0.7	2.8	3.6	45.9	0.19	0.39	0.15	67	0.90
1731227	Soil	1.88	36.84	8.34	86.1	246	49.6	22.0	659	4.44	18.3	1.1	6.2	4.8	30.1	0.24	0.42	0.19	79	0.67
1731228	Soil	0.92	31.51	8.99	68.8	101	50.9	17.1	543	3.80	11.6	0.7	3.7	3.9	20.9	0.19	0.47	0.14	71	0.45
1731229	Soil	0.38	28.36	6.87	79.0	100	39.9	11.3	379	2.72	5.9	0.6	4.6	3.2	25.9	0.12	0.64	0.14	61	0.47
1731230	Rock Pulp	1.10	17.40	0.78	19.7	843	6.8	3.8	96	1.64	0.7	0.2	114.6	0.3	14.8	0.01	1.10	1.73	29	0.36
1731231	Soil	0.62	68.00	6.97	82.9	167	50.7	13.8	342	3.26	9.8	1.6	98.7	3.4	34.2	0.29	0.66	0.15	77	0.66
1731232	Soil	0.59	42.22	7.10	79.0	126	49.9	15.9	341	3.20	9.4	1.0	3.6	3.5	29.9	0.22	0.56	0.15	75	0.70
1731233	Soil	1.04	23.30	9.06	83.3	142	34.0	14.0	443	3.48	16.4	0.9	6.7	3.3	28.9	0.16	0.93	0.24	71	0.56
1731234	Soil	2.81	56.36	7.48	122.3	463	40.6	13.5	327	4.41	5.4	2.4	16.2	3.5	32.0	0.37	0.36	0.16	115	0.50
1731235	Soil	4.64	106.1	10.20	115.8	387	82.9	18.1	576	4.33	16.1	2.1	4.9	4.2	26.7	0.39	1.23	0.61	59	0.30
1731236	Soil	1.40	43.25	11.55	89.6	283	42.3	18.1	673	3.93	67.5	1.2	34.1	5.4	34.2	0.28	9.18	0.58	69	0.49
1731237	Soil	2.07	55.04	20.41	70.6	315	30.4	11.3	261	2.96	167.0	1.4	24.4	3.0	31.2	0.33	4.66	0.51	62	0.35
1731238	Soil	1.12	30.03	5.65	76.9	66	35.4	15.4	899	3.15	12.9	0.5	2.6	2.2	29.3	0.15	0.50	0.11	71	0.59
1731239	Soil	0.83	31.69	10.14	110.1	240	36.6	10.9	296	3.42	17.3	0.9	4.5	3.7	26.5	0.29	0.72	0.26	75	0.46
1731240	Soil	0.48	23.74	4.37	54.9	75	24.2	7.5	282	1.76	6.5	0.7	3.3	1.2	30.1	0.11	0.50	0.11	38	0.60
1731241	Soil	0.47	33.96	5.13	65.6	175	27.5	7.9	285	1.98	8.2	1.1	6.4	2.1	35.3	0.17	0.62	0.22	44	0.67
1731242	Soil	0.59	22.31	4.34	63.2	177	22.6	9.7	476	2.47	12.5	0.9	19.8	2.7	27.8	0.11	0.46	0.19	63	0.60
1731243	Soil	0.61	34.68	8.22	81.6	149	40.0	14.9	375	3.15	13.8	1.2	10.5	4.4	32.5	0.11	0.57	0.29	70	0.66
1731244	Soil	0.52	40.11	8.30	84.6	137	39.6	13.1	383	2.94	10.7	1.2	6.5	4.7	32.0	0.17	0.63	0.36	70	0.69
1731245	Soil	0.30	26.81	5.37	61.5	93	28.5	9.1	250	2.02	6.2	0.8	2.9	2.4	33.7	0.11	0.38	0.19	49	0.70
1731246	Soil	0.50	32.70	5.82	69.2	115	30.5	9.3	252	2.11	7.0	0.7	7.0	1.9	35.2	0.15	0.37	0.20	51	0.75
1731247	Soil	0.77	30.52	5.33	62.7	96	29.2	11.0	493	2.44	10.7	0.7	3.4	1.9	35.9	0.09	0.39	0.19	53	0.73
1731248	Soil	0.53	29.58	5.70	60.6	126	30.6	10.3	467	2.39	7.2	0.6	4.1	2.0	33.7	0.12	0.36	0.16	53	0.86

CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1731219	Soil	10.0	33.9	0.60	320.3	0.057	3	2.39	0.022	0.08	0.1	4.1	0.13	0.04	36	0.3	0.04	7.9	2.84	<0.1
1731220	Soil	10.3	25.9	0.49	313.4	0.055	3	1.86	0.027	0.07	0.1	3.2	0.10	0.04	27	0.2	0.04	5.9	3.40	<0.1
1731221	Soil	5.4	18.2	0.33	169.3	0.053	3	1.32	0.035	0.05	<0.1	2.1	0.07	0.03	20	0.2	<0.02	5.2	1.20	<0.1
1731222	Soil	9.1	22.5	0.34	235.4	0.056	3	1.63	0.032	0.06	<0.1	2.8	0.07	0.05	35	0.3	0.04	5.2	1.41	<0.1
1731223	Soil	11.1	23.9	0.45	240.9	0.067	3	1.48	0.030	0.06	0.1	3.0	0.07	0.04	20	0.2	0.03	6.0	1.21	<0.1
1731224	Soil	6.7	22.0	0.35	127.3	0.065	3	1.50	0.031	0.06	<0.1	2.6	0.08	0.02	37	0.2	0.02	5.9	1.49	<0.1
1731225	Soil	15.2	58.0	1.04	185.9	0.152	2	2.11	0.027	0.17	0.1	5.9	0.22	0.02	13	0.3	0.03	7.4	1.88	<0.1
1731226	Soil	13.0	50.5	0.97	220.4	0.129	3	1.93	0.031	0.17	0.1	5.7	0.17	0.04	20	0.3	0.04	6.9	1.55	<0.1
1731227	Soil	15.7	60.4	1.14	212.9	0.149	2	2.33	0.027	0.16	0.1	6.3	0.20	0.03	17	0.5	0.04	7.7	1.86	<0.1
1731228	Soil	12.2	61.4	1.09	180.8	0.166	2	2.78	0.021	0.19	0.1	5.6	0.18	<0.02	16	0.3	0.05	7.6	1.85	<0.1
1731229	Soil	11.2	52.8	0.99	162.3	0.150	2	2.22	0.024	0.15	0.1	5.1	0.16	<0.02	34	0.2	0.03	7.1	1.46	<0.1
1731230	Rock Pulp	2.5	6.9	0.09	15.8	0.216	2	0.37	0.081	0.06	0.2	0.8	0.10	<0.02	<5	<0.1	<0.02	1.6	2.41	<0.1
1731231	Soil	22.1	56.0	1.11	208.3	0.145	3	2.32	0.032	0.17	<0.1	8.4	0.22	0.03	71	0.6	0.03	7.5	1.66	<0.1
1731232	Soil	14.4	58.6	1.08	186.9	0.159	2	2.14	0.034	0.15	<0.1	7.4	0.20	0.02	25	0.4	<0.02	6.8	1.47	0.1
1731233	Soil	12.9	52.0	0.85	194.5	0.125	2	2.08	0.025	0.12	0.1	5.6	0.16	0.02	33	0.4	0.06	6.8	1.33	<0.1
1731234	Soil	16.2	59.9	1.23	424.5	0.203	2	2.76	0.018	0.18	0.1	6.2	0.22	0.02	38	1.4	0.08	10.0	2.46	0.1
1731235	Soil	14.9	25.2	0.47	227.2	0.049	2	1.52	0.013	0.10	0.2	4.2	0.09	0.05	9	2.4	0.17	4.9	2.51	0.1
1731236	Soil	17.4	45.0	0.84	295.7	0.102	4	2.29	0.031	0.13	0.1	6.8	0.17	0.03	31	0.8	0.15	7.0	4.18	<0.1
1731237	Soil	13.5	37.1	0.67	171.0	0.091	2	1.93	0.028	0.10	0.1	5.1	0.13	0.03	32	1.1	0.06	6.1	1.72	<0.1
1731238	Soil	10.1	45.2	0.85	175.5	0.103	2	1.80	0.028	0.11	0.1	4.1	0.13	0.02	15	0.2	0.03	6.1	1.25	<0.1
1731239	Soil	12.6	50.7	0.95	232.9	0.143	2	2.38	0.022	0.13	0.1	5.6	0.19	0.02	29	0.4	0.04	7.6	1.95	<0.1
1731240	Soil	7.8	30.0	0.55	149.8	0.077	2	1.48	0.044	0.11	<0.1	3.5	0.13	0.05	22	0.3	0.03	4.4	0.97	<0.1
1731241	Soil	11.8	33.4	0.60	171.5	0.083	2	1.55	0.036	0.13	<0.1	3.9	0.13	0.06	31	0.4	<0.02	5.4	1.27	<0.1
1731242	Soil	12.5	29.8	0.53	147.0	0.101	1	1.29	0.028	0.11	0.1	3.3	0.12	0.04	19	0.3	0.03	5.2	1.06	<0.1
1731243	Soil	15.2	52.0	0.98	203.5	0.139	2	2.13	0.029	0.21	<0.1	6.0	0.20	0.03	24	0.4	0.03	7.1	1.74	<0.1
1731244	Soil	17.3	53.6	0.98	206.4	0.128	2	2.19	0.029	0.21	0.1	6.8	0.20	0.03	18	0.3	0.03	7.2	1.77	<0.1
1731245	Soil	11.9	37.3	0.67	162.7	0.089	2	1.53	0.035	0.13	0.1	4.1	0.13	0.04	25	0.2	<0.02	5.4	1.09	<0.1
1731246	Soil	10.6	38.8	0.68	161.0	0.083	2	1.56	0.037	0.13	0.1	3.8	0.15	0.05	25	0.3	0.02	5.3	1.19	<0.1
1731247	Soil	10.6	38.6	0.70	162.6	0.086	2	1.55	0.036	0.12	<0.1	4.0	0.13	0.04	22	0.3	0.02	5.3	1.14	<0.1
1731248	Soil	11.3	38.0	0.75	164.5	0.091	2	1.56	0.036	0.13	<0.1	4.3	0.15	0.04	23	0.3	0.03	5.3	1.18	<0.1

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Report Date: September 04, 2013

Page: 2 of 6

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1731219	Soil	1.16	11.2	1.8	<0.05	2.8	6.94	19.4	0.04	<1	0.7	11.4	<10	<2
1731220	Soil	1.00	9.6	1.5	<0.05	2.9	7.90	19.6	0.03	<1	0.6	9.7	<10	<2
1731221	Soil	1.10	6.8	0.9	<0.05	2.9	3.54	11.5	0.02	<1	0.3	8.0	<10	<2
1731222	Soil	1.08	7.2	1.2	<0.05	3.1	7.17	17.6	<0.02	<1	0.4	7.4	<10	<2
1731223	Soil	1.33	8.1	0.9	<0.05	2.9	6.83	22.1	<0.02	<1	0.5	8.6	<10	<2
1731224	Soil	1.07	7.3	0.9	<0.05	2.8	3.33	14.0	<0.02	<1	0.3	8.5	<10	<2
1731225	Soil	2.07	20.5	0.6	<0.05	2.9	6.64	32.0	0.02	<1	0.5	19.9	<10	<2
1731226	Soil	2.34	20.7	1.1	<0.05	3.8	7.22	26.8	<0.02	<1	0.4	18.5	<10	<2
1731227	Soil	1.98	20.3	0.8	<0.05	3.3	8.23	32.8	0.03	<1	0.6	24.2	<10	<2
1731228	Soil	1.88	19.2	1.8	<0.05	5.4	6.11	27.7	0.03	<1	0.6	20.1	<10	<2
1731229	Soil	1.28	19.6	0.8	<0.05	3.7	5.83	22.3	<0.02	<1	0.4	19.0	<10	<2
1731230	Rock Pulp	0.24	9.9	0.2	<0.05	17.9	6.70	5.9	<0.02	<1	0.1	5.4	21	<2
1731231	Soil	1.77	25.2	1.2	<0.05	5.6	19.58	40.8	0.02	<1	0.6	20.1	<10	<2
1731232	Soil	1.63	18.8	0.8	<0.05	6.3	10.21	30.5	0.02	<1	0.4	17.0	14	<2
1731233	Soil	1.59	14.8	1.7	<0.05	4.9	6.90	26.5	0.02	<1	0.4	15.6	<10	<2
1731234	Soil	1.98	16.7	0.9	<0.05	4.3	8.29	30.9	0.03	<1	0.7	22.0	10	<2
1731235	Soil	0.50	10.1	1.9	<0.05	1.8	10.49	29.6	0.04	<1	0.7	14.0	<10	<2
1731236	Soil	1.05	14.2	0.9	<0.05	4.9	9.67	35.6	0.04	<1	0.7	16.9	<10	<2
1731237	Soil	1.36	10.2	0.8	<0.05	3.2	7.70	25.9	0.03	<1	0.5	13.5	<10	<2
1731238	Soil	1.04	14.2	0.7	<0.05	2.6	5.98	23.6	0.02	<1	0.4	18.8	<10	<2
1731239	Soil	1.66	18.9	1.0	<0.05	3.2	6.52	24.4	0.03	<1	0.5	20.3	<10	<2
1731240	Soil	1.23	12.9	0.5	<0.05	3.4	4.84	15.2	<0.02	<1	0.3	11.2	<10	<2
1731241	Soil	1.71	17.5	0.7	<0.05	3.3	7.15	23.0	<0.02	<1	0.4	13.0	<10	<2
1731242	Soil	1.27	13.4	0.7	<0.05	2.6	5.94	24.8	<0.02	<1	0.2	9.9	<10	<2
1731243	Soil	2.07	23.5	1.0	<0.05	4.3	7.56	30.5	0.03	<1	0.5	19.1	<10	<2
1731244	Soil	1.99	23.8	1.0	<0.05	4.3	8.45	35.3	0.03	<1	0.4	18.3	<10	<2
1731245	Soil	1.53	15.2	0.8	<0.05	3.8	6.57	23.5	<0.02	<1	0.3	12.6	<10	<2
1731246	Soil	1.72	17.2	1.2	<0.05	3.4	6.15	21.2	<0.02	<1	0.3	12.4	<10	<2
1731247	Soil	1.70	16.7	1.4	<0.05	3.2	5.86	20.7	<0.02	<1	0.3	12.9	<10	<2
1731248	Soil	1.63	15.2	1.3	<0.05	3.8	6.55	22.2	0.02	<1	0.3	12.1	<10	<2

CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1731249	Soil	0.62	32.14	7.10	64.2	126	30.1	9.8	383	2.39	7.9	0.7	2.4	2.0	34.9	0.14	0.35	0.16	56	0.73
1731250	Rock Pulp	18.83	71.72	212.0	100.0	1271	88.6	35.8	106	0.88	18.4	0.2	167.4	0.1	4.3	0.13	2.04	6.76	<2	0.15
1731251	Soil	0.42	54.99	9.44	85.7	138	50.4	17.4	255	3.03	10.6	1.1	5.5	5.4	35.4	0.22	0.71	0.31	72	0.59
1731252	Soil	0.58	36.29	7.65	64.7	139	33.5	12.5	237	2.54	13.3	1.0	7.0	4.1	36.9	0.16	0.62	0.33	55	0.69
1731253	Soil	0.39	43.10	8.22	73.0	151	40.4	18.2	274	2.84	10.9	0.9	4.3	4.2	32.3	0.25	0.64	0.28	68	0.57
1731254	Soil	0.58	37.85	8.98	76.1	125	38.9	13.7	349	2.71	10.4	0.9	4.3	3.6	26.7	0.13	0.52	0.22	66	0.44
1731255	Soil	0.99	34.07	8.00	82.7	128	31.2	12.3	415	2.86	16.0	1.0	5.1	2.4	37.7	0.14	0.52	0.19	64	0.53
1731256	Soil	0.54	37.43	7.69	67.6	133	28.7	10.1	245	2.62	19.1	0.6	12.4	5.1	37.8	0.17	0.58	0.33	65	0.55
1731257	Soil	0.67	25.90	7.46	64.3	79	26.9	11.2	373	2.78	24.7	0.7	5.2	4.0	34.0	0.12	0.76	0.23	72	0.49
1731258	Soil	0.43	25.47	2.52	22.2	131	7.2	3.1	87	1.25	42.9	0.5	4.9	0.5	23.5	0.06	0.44	0.17	36	0.24
1731259	Soil	1.06	18.74	7.81	33.6	137	10.8	6.7	211	1.49	5.7	0.3	1.1	0.7	18.7	0.16	0.27	0.10	38	0.17
1731260	Soil	1.69	31.82	6.66	40.8	212	14.1	5.1	168	1.62	8.6	0.8	1.8	0.4	25.9	0.34	0.35	0.13	41	0.22
1731261	Soil	1.37	18.12	8.31	51.6	268	10.1	5.4	239	1.96	9.7	0.5	2.4	0.4	16.0	0.43	0.42	0.14	50	0.11
1731262	Soil	1.96	35.54	10.23	59.7	441	16.9	7.8	247	2.93	13.4	0.6	3.9	1.1	18.6	0.61	0.62	0.23	76	0.15
1731263	Soil	0.97	42.93	13.12	73.6	248	35.0	18.7	472	3.22	8.9	1.9	6.8	3.7	57.2	0.19	0.43	0.16	72	0.42
1731264	Soil	1.95	24.43	11.72	62.5	156	22.8	9.7	347	3.73	11.3	0.6	2.8	1.0	24.0	0.16	0.54	0.18	86	0.21
1731265	Soil	1.29	63.26	12.27	90.9	556	39.8	19.7	439	3.76	14.6	1.9	10.7	4.5	65.3	0.24	0.63	0.30	93	0.59
1731266	Soil	1.15	28.77	18.19	41.9	161	16.0	8.8	318	1.86	6.0	0.5	7.2	0.6	31.0	0.14	0.46	0.08	49	0.32
1731267	Soil	0.98	31.37	8.75	54.0	265	18.8	10.9	487	1.96	9.0	0.7	3.4	1.1	36.2	0.22	0.50	0.12	49	0.31
1731268	Soil	1.05	36.42	10.33	75.6	273	25.4	11.0	299	2.74	19.7	0.9	4.8	2.1	25.1	0.26	0.91	0.20	74	0.29
1731269	Soil	0.29	9.53	1.94	9.9	96	2.8	1.8	97	0.77	3.0	0.3	1.9	0.2	13.8	0.06	0.14	0.04	17	0.14
1731270	Rock Pulp	1.12	20.94	0.87	19.8	795	6.4	4.2	107	1.49	1.4	0.2	111.6	0.4	16.2	0.02	1.08	1.62	27	0.33
1731271	Soil	0.79	33.40	7.99	75.2	151	31.2	13.0	432	2.99	43.5	0.9	8.4	3.2	38.0	0.14	0.42	0.24	86	0.44
1731272	Soil	0.98	31.72	8.57	71.4	179	29.3	9.7	248	2.98	133.3	0.8	9.1	2.5	36.2	0.21	1.12	0.16	81	0.41
1731273	Soil	1.15	43.21	9.27	55.6	266	27.3	16.7	485	3.22	127.9	1.6	9.3	2.9	30.9	0.12	1.08	0.17	77	0.39
1731274	Soil	1.32	37.77	8.86	91.3	182	41.9	11.8	409	2.73	235.6	0.9	11.3	2.4	55.4	0.51	1.19	0.22	70	0.43
1731275	Soil	2.78	39.12	21.68	92.3	443	30.0	10.6	284	3.14	21.3	1.3	12.0	1.3	33.7	0.36	4.47	0.19	79	0.32
1731276	Soil	0.91	42.69	9.78	68.7	156	41.9	14.6	441	3.31	10.9	0.7	6.7	2.2	33.6	0.12	0.61	0.11	72	0.33
1731277	Soil	1.97	34.35	11.11	65.2	327	29.6	13.1	584	3.15	14.2	0.7	3.7	0.8	21.8	0.37	0.65	0.17	81	0.22
1731278	Soil	0.61	12.55	4.24	19.2	88	6.3	3.1	61	1.07	2.4	0.3	2.1	0.1	14.7	0.21	0.23	0.06	29	0.14

CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1731249	Soil	11.1	40.1	0.72	147.0	0.093	2	1.63	0.036	0.12	<0.1	4.2	0.14	0.04	24	0.2	<0.02	5.5	1.13	<0.1
1731250	Rock Pulp	<0.5	44.4	0.01	2.9	0.003	1	0.12	0.015	0.05	0.4	0.3	0.18	0.03	1837	<0.1	<0.02	0.3	1.71	<0.1
1731251	Soil	19.3	60.4	1.07	211.1	0.143	2	2.05	0.028	0.19	0.1	6.7	0.23	<0.02	25	0.4	0.06	6.9	1.81	0.1
1731252	Soil	14.8	42.1	0.76	182.7	0.111	1	1.76	0.026	0.17	0.1	4.6	0.16	0.04	13	0.4	0.03	5.8	1.46	0.1
1731253	Soil	17.0	52.6	0.95	199.3	0.120	2	2.13	0.022	0.15	0.2	6.2	0.16	0.02	31	0.4	<0.02	6.3	1.44	<0.1
1731254	Soil	14.5	49.5	0.89	190.3	0.122	1	2.13	0.017	0.14	<0.1	5.2	0.15	<0.02	13	0.3	0.04	6.3	1.45	0.1
1731255	Soil	11.4	45.4	0.76	214.9	0.110	2	2.08	0.018	0.10	0.1	4.8	0.13	0.03	26	0.3	0.03	6.6	1.22	<0.1
1731256	Soil	17.4	44.9	0.80	172.4	0.138	1	1.73	0.026	0.23	0.1	5.2	0.17	<0.02	7	0.2	0.04	5.6	1.54	0.1
1731257	Soil	12.7	44.2	0.85	178.3	0.149	2	2.10	0.021	0.11	0.2	4.8	0.13	<0.02	8	0.3	0.04	6.4	1.28	<0.1
1731258	Soil	4.9	11.1	0.16	68.2	0.061	<1	0.86	0.037	0.04	<0.1	1.5	0.04	0.04	19	0.5	<0.02	3.0	0.47	<0.1
1731259	Soil	5.3	15.1	0.23	71.6	0.059	<1	1.07	0.027	0.05	<0.1	1.6	0.04	<0.02	<5	0.2	<0.02	4.0	0.76	<0.1
1731260	Soil	6.6	20.0	0.31	85.3	0.052	<1	1.21	0.026	0.06	0.1	1.9	0.07	0.05	26	0.4	0.03	4.8	0.99	<0.1
1731261	Soil	5.4	17.0	0.21	62.7	0.058	<1	1.03	0.019	0.03	<0.1	1.5	0.06	0.03	16	0.2	<0.02	5.2	0.95	<0.1
1731262	Soil	7.5	24.4	0.30	86.2	0.089	1	1.36	0.015	0.04	<0.1	2.4	0.08	0.02	26	0.3	0.06	7.4	1.20	<0.1
1731263	Soil	19.4	45.1	0.90	188.3	0.107	2	2.77	0.017	0.07	0.2	6.5	0.09	<0.02	36	0.5	0.06	7.3	1.45	<0.1
1731264	Soil	8.8	35.8	0.56	79.5	0.109	2	2.01	0.009	0.05	<0.1	3.0	0.07	0.04	42	0.4	0.06	8.8	1.31	<0.1
1731265	Soil	16.4	57.9	1.12	116.9	0.177	2	2.51	0.018	0.11	0.2	6.0	0.10	0.02	27	0.6	0.10	7.6	2.63	<0.1
1731266	Soil	7.1	23.7	0.35	76.8	0.070	1	1.06	0.024	0.04	0.1	1.9	0.05	0.06	29	0.2	0.04	3.9	0.79	<0.1
1731267	Soil	8.8	26.3	0.48	106.2	0.078	1	1.43	0.027	0.07	0.1	2.7	0.07	0.05	20	0.3	0.06	4.9	1.12	0.1
1731268	Soil	10.7	38.3	0.69	99.8	0.125	1	1.92	0.019	0.08	0.2	4.0	0.07	0.03	40	0.5	0.05	6.1	1.31	<0.1
1731269	Soil	3.4	4.8	0.06	32.8	0.029	<1	0.36	0.047	0.03	<0.1	1.0	0.04	0.03	11	0.3	<0.02	1.5	0.15	<0.1
1731270	Rock Pulp	2.7	6.7	0.08	15.2	0.212	<1	0.32	0.081	0.05	0.1	0.6	0.08	<0.02	<5	<0.1	<0.02	1.6	2.32	<0.1
1731271	Soil	10.3	41.1	1.03	192.9	0.175	2	2.36	0.016	0.11	0.1	4.2	0.11	<0.02	17	0.2	0.07	6.7	1.79	<0.1
1731272	Soil	10.8	40.7	0.85	152.3	0.142	1	2.10	0.016	0.10	0.2	4.2	0.11	0.03	22	0.5	0.03	6.1	1.50	0.1
1731273	Soil	13.4	43.5	0.86	149.2	0.143	1	2.38	0.014	0.07	0.2	5.1	0.13	0.04	39	0.5	<0.02	6.7	1.28	<0.1
1731274	Soil	11.6	39.1	0.71	161.5	0.111	<1	1.57	0.021	0.09	0.2	3.5	0.07	0.04	14	0.9	0.03	5.1	1.19	<0.1
1731275	Soil	10.1	41.1	0.63	127.9	0.092	2	1.83	0.015	0.06	0.2	3.4	0.10	0.08	43	1.2	0.03	6.6	1.44	0.1
1731276	Soil	10.5	50.5	0.78	111.0	0.139	2	2.35	0.015	0.08	0.1	4.2	0.10	0.03	23	0.5	0.03	6.2	1.48	0.1
1731277	Soil	8.9	37.6	0.59	89.5	0.103	1	1.70	0.013	0.07	<0.1	2.8	0.08	0.05	52	0.3	0.05	7.0	1.32	<0.1
1731278	Soil	3.2	8.9	0.10	37.5	0.037	<1	0.57	0.026	0.03	<0.1	0.8	0.03	0.05	32	0.2	<0.02	2.6	0.41	<0.1

CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1731249	Soil	1.59	14.9	2.9	<0.05	3.4	6.92	21.9	<0.02	<1	0.3	13.6	<10	<2
1731250	Rock Pulp	0.07	18.1	0.2	<0.05	0.7	0.31	0.6	<0.02	<1	0.2	1.7	<10	<2
1731251	Soil	1.85	30.3	1.8	<0.05	6.1	11.21	40.7	0.03	<1	0.5	20.7	<10	<2
1731252	Soil	1.85	23.2	1.7	<0.05	4.0	7.93	28.9	0.02	<1	0.4	19.6	<10	3
1731253	Soil	1.47	20.2	1.3	<0.05	5.6	10.56	34.2	0.02	3	0.4	18.3	<10	<2
1731254	Soil	1.09	19.3	3.3	<0.05	3.6	7.01	29.7	<0.02	3	0.5	19.3	<10	<2
1731255	Soil	1.27	16.6	2.1	<0.05	3.3	5.87	22.4	<0.02	1	0.4	18.5	<10	<2
1731256	Soil	0.73	26.4	2.4	<0.05	7.3	7.53	31.3	<0.02	<1	0.3	16.6	<10	2
1731257	Soil	0.93	14.0	1.4	<0.05	4.9	6.17	25.6	0.03	<1	0.4	18.2	<10	2
1731258	Soil	0.56	4.8	0.6	<0.05	3.0	2.93	9.9	<0.02	<1	0.1	3.2	<10	<2
1731259	Soil	0.83	7.4	6.0	<0.05	1.7	2.15	10.3	<0.02	<1	0.2	7.3	<10	<2
1731260	Soil	0.91	10.6	2.4	<0.05	1.9	3.15	13.7	<0.02	<1	0.2	7.8	<10	<2
1731261	Soil	0.77	8.3	5.2	<0.05	1.6	1.93	10.7	<0.02	<1	0.2	6.2	<10	2
1731262	Soil	1.35	10.0	1.4	<0.05	3.4	2.83	15.2	<0.02	<1	0.5	8.6	<10	<2
1731263	Soil	1.09	10.0	5.3	<0.05	3.3	11.71	37.7	<0.02	<1	0.6	20.1	<10	<2
1731264	Soil	1.45	7.7	4.5	<0.05	2.7	3.70	17.5	<0.02	<1	0.4	18.0	<10	<2
1731265	Soil	1.27	14.1	1.7	<0.05	5.0	10.66	34.0	0.03	<1	0.4	21.5	<10	<2
1731266	Soil	0.71	5.7	22.6	<0.05	2.2	3.05	14.5	<0.02	<1	0.4	6.4	<10	<2
1731267	Soil	0.89	8.7	3.4	<0.05	2.1	4.17	17.9	<0.02	<1	0.3	10.1	<10	<2
1731268	Soil	1.07	9.5	2.4	<0.05	3.2	5.24	20.9	0.02	4	0.4	13.6	<10	<2
1731269	Soil	0.26	1.6	1.6	<0.05	0.9	2.06	6.8	<0.02	1	<0.1	0.9	<10	<2
1731270	Rock Pulp	0.15	10.4	0.2	<0.05	16.2	6.45	6.7	<0.02	<1	0.2	6.0	<10	<2
1731271	Soil	1.13	14.1	2.6	<0.05	3.2	4.91	21.7	<0.02	<1	0.4	20.7	<10	<2
1731272	Soil	1.24	13.5	1.7	<0.05	3.6	5.67	21.4	<0.02	<1	0.4	16.8	<10	<2
1731273	Soil	1.50	9.6	2.2	<0.05	4.2	6.38	28.7	<0.02	1	0.4	16.1	<10	<2
1731274	Soil	0.98	10.3	2.5	<0.05	2.7	6.25	23.6	<0.02	<1	0.3	15.3	<10	<2
1731275	Soil	1.37	8.5	3.8	<0.05	3.1	4.96	19.4	0.02	<1	0.4	14.9	<10	<2
1731276	Soil	1.38	10.9	2.0	<0.05	3.5	5.14	22.3	0.02	<1	0.5	16.7	<10	<2
1731277	Soil	1.32	11.3	3.8	<0.05	2.2	3.68	19.7	<0.02	<1	0.4	14.3	<10	<2
1731278	Soil	0.44	3.4	3.1	<0.05	1.3	1.44	6.7	<0.02	<1	0.2	1.8	<10	<2

CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1731279	Soil	0.58	23.21	3.33	18.4	204	8.3	3.7	96	1.00	4.3	0.4	0.4	0.1	15.6	0.23	0.28	0.06	24	0.12
1731280	Soil	1.47	31.11	7.96	37.3	219	14.7	5.7	172	1.58	8.1	0.7	3.8	0.5	23.0	0.22	0.56	0.17	39	0.18
1731281	Soil	1.26	23.13	8.27	34.8	146	14.3	6.0	198	2.16	8.0	0.4	1.7	1.2	14.0	0.13	0.50	0.12	56	0.11
1731282	Soil	1.63	21.44	9.29	47.9	144	23.8	10.8	288	3.37	11.4	0.6	1.9	1.9	17.4	0.28	0.56	0.14	65	0.17
1731283	Soil	1.30	23.68	5.52	29.6	102	12.1	5.7	195	1.47	4.9	0.3	1.5	0.4	14.5	0.15	0.30	0.12	43	0.12
1731284	Soil	2.17	49.57	11.47	94.5	166	49.4	22.4	562	3.87	30.3	0.8	8.5	1.8	34.0	0.33	0.52	0.23	90	0.29
1731285	Soil	2.32	36.73	9.94	61.8	98	43.7	11.7	363	3.65	67.5	0.8	8.1	2.2	21.9	0.26	2.22	0.22	90	0.28
1731286	Soil	2.45	59.05	9.73	136.2	301	73.0	15.9	518	3.57	96.2	1.8	11.3	2.4	31.9	0.60	1.77	0.26	119	0.46
1731287	Soil	1.68	41.97	7.96	96.4	183	45.8	15.7	472	3.09	116.8	0.8	22.4	2.1	32.0	0.33	1.61	0.22	83	0.43
1731288	Soil	2.22	68.94	11.79	62.2	200	30.8	11.9	1095	3.57	433.8	1.6	6.6	1.5	32.1	0.29	1.69	0.33	93	0.46
1731289	Soil	1.11	40.19	5.31	47.9	104	17.4	8.2	424	2.20	23.3	0.7	5.2	1.0	30.5	0.14	0.46	0.12	64	0.30
1731290	Rock Pulp	16.51	71.75	216.7	97.1	1093	89.8	34.9	112	0.84	16.3	0.2	158.5	0.1	3.7	0.13	1.82	6.08	2	0.12
1731291	Soil	0.89	28.58	3.97	47.3	90	23.3	9.3	462	2.16	8.2	0.6	9.8	1.9	23.7	0.07	0.28	0.11	59	0.29
1731292	Soil	1.06	101.4	25.83	58.2	2595	30.8	14.3	707	5.16	7794	1.0	168.8	4.8	71.4	0.46	12.48	2.44	62	0.81
1731293	Soil	0.59	55.66	8.65	66.0	157	33.0	12.0	228	2.96	118.3	1.4	9.3	3.2	50.5	0.16	0.99	0.24	85	0.63
1731294	Soil	1.06	46.44	16.27	66.2	420	32.1	15.5	651	3.86	1960	1.4	47.2	2.8	37.6	0.27	1.64	1.29	86	0.58
1731295	Soil	1.32	31.77	6.39	67.5	117	30.4	15.2	291	4.13	88.1	1.2	7.7	2.8	26.1	0.13	0.95	0.19	98	0.39
1731296	Soil	0.90	25.44	7.48	68.4	160	32.4	13.7	378	3.33	20.7	1.2	3.3	3.1	27.2	0.11	0.86	0.16	90	0.41
1731297	Soil	0.92	46.26	8.68	50.5	132	19.6	9.8	397	2.78	496.4	1.2	13.6	3.6	57.3	0.14	1.63	1.73	55	0.49
1731298	Soil	0.88	27.52	5.87	64.1	104	23.7	11.7	443	2.74	142.5	1.1	10.2	2.7	40.6	0.13	2.30	0.57	69	0.59
1731299	Soil	0.50	21.05	3.42	38.9	85	9.7	4.4	344	1.32	24.0	0.9	1.9	0.4	29.6	0.16	0.38	0.11	37	0.45
1731300	Soil	0.66	27.27	3.98	55.5	159	16.8	5.8	279	1.70	61.2	2.5	5.0	0.7	50.8	0.18	0.60	0.15	43	0.72
1731301	Soil	1.34	26.77	4.63	60.9	293	20.7	5.9	262	1.75	8.2	0.9	2.8	0.6	26.3	0.33	0.37	0.17	44	0.32
1731302	Soil	1.43	28.31	7.06	66.1	225	21.2	6.7	330	1.86	7.8	0.9	1.9	0.6	27.0	0.27	0.36	0.17	46	0.32
1731303	Soil	1.83	43.24	6.59	80.8	391	31.3	8.1	352	2.44	15.8	1.8	5.5	0.9	32.7	0.23	0.44	0.28	56	0.35
1731304	Soil	1.65	29.91	4.45	37.4	215	15.1	5.0	245	1.65	7.9	1.0	2.4	0.5	22.1	0.18	0.39	0.15	45	0.24
1731305	Soil	3.19	22.38	7.65	51.6	186	20.5	7.9	301	3.68	12.3	0.6	3.7	1.7	20.9	0.20	0.61	0.17	92	0.24
1731306	Soil	2.44	40.12	7.98	55.8	158	20.3	8.5	422	3.22	7.7	0.6	3.4	0.2	19.0	0.19	0.63	0.19	92	0.17
1731307	Soil	0.54	15.34	2.39	30.8	212	6.1	5.6	115	2.81	1.6	0.4	2.2	0.3	11.8	0.13	0.12	0.03	86	0.16
1731308	Soil	0.28	11.90	5.66	56.2	43	8.7	8.0	164	3.54	0.7	0.3	0.8	0.4	16.6	0.13	0.08	0.04	134	0.25

CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1731279	Soil	4.2	9.4	0.14	45.8	0.036	<1	0.85	0.034	0.05	<0.1	0.8	0.03	0.03	30	<0.1	<0.02	2.8	0.45	<0.1
1731280	Soil	6.2	18.4	0.28	80.4	0.056	<1	1.21	0.029	0.05	<0.1	1.7	0.07	0.03	17	0.4	0.08	4.9	1.02	<0.1
1731281	Soil	6.4	20.3	0.26	51.0	0.076	1	1.43	0.020	0.04	0.1	2.0	0.06	0.02	47	0.1	<0.02	6.1	0.94	<0.1
1731282	Soil	7.7	36.5	0.43	58.3	0.093	2	2.70	0.011	0.05	0.1	3.5	0.08	0.03	53	0.3	0.06	6.8	1.24	<0.1
1731283	Soil	4.0	12.9	0.18	52.3	0.054	2	0.93	0.024	0.05	0.1	1.2	0.06	0.02	15	0.2	<0.02	4.1	0.76	<0.1
1731284	Soil	9.4	44.4	0.66	128.1	0.146	3	2.69	0.021	0.09	0.2	4.0	0.11	0.06	51	1.3	0.13	8.6	1.82	<0.1
1731285	Soil	10.0	34.2	0.50	101.7	0.099	2	1.79	0.012	0.05	0.2	3.8	0.10	0.03	20	0.7	0.05	7.0	1.67	<0.1
1731286	Soil	12.9	49.2	0.81	182.3	0.136	2	1.98	0.025	0.12	0.3	5.4	0.12	0.09	40	1.8	0.07	6.7	1.60	<0.1
1731287	Soil	10.0	52.7	0.80	189.5	0.133	2	1.69	0.016	0.11	0.3	3.8	0.10	0.03	23	1.1	0.08	6.1	1.61	<0.1
1731288	Soil	11.4	48.3	0.60	157.5	0.095	2	1.57	0.019	0.06	0.2	5.0	0.12	0.11	56	1.9	0.12	6.9	1.62	<0.1
1731289	Soil	8.4	22.8	0.42	112.7	0.079	2	1.41	0.024	0.06	0.1	2.4	0.07	0.03	15	0.4	0.02	5.4	1.09	<0.1
1731290	Rock Pulp	<0.5	37.3	<0.01	2.8	0.003	<1	0.10	0.015	0.04	0.3	0.3	0.16	0.03	1771	0.1	<0.02	0.3	1.55	<0.1
1731291	Soil	8.1	29.2	0.70	116.0	0.117	2	1.65	0.029	0.09	0.1	2.9	0.10	<0.02	43	0.2	<0.02	5.2	1.34	<0.1
1731292	Soil	65.1	32.1	0.99	220.2	0.058	3	1.86	0.024	0.17	0.2	9.8	0.14	<0.02	25	1.4	0.07	5.7	3.69	0.2
1731293	Soil	24.9	44.2	0.98	149.5	0.135	2	2.21	0.037	0.08	0.3	6.8	0.09	<0.02	40	0.4	0.02	7.2	1.29	<0.1
1731294	Soil	16.1	38.3	1.07	221.4	0.105	2	2.37	0.023	0.10	0.2	9.1	0.11	<0.02	65	0.5	0.03	6.5	3.34	<0.1
1731295	Soil	14.7	48.7	1.06	172.0	0.101	4	2.54	0.018	0.07	0.1	9.0	0.15	0.03	54	0.5	0.03	7.5	2.36	<0.1
1731296	Soil	10.5	51.7	1.12	171.8	0.155	2	2.29	0.022	0.09	<0.1	7.8	0.11	0.02	25	0.2	<0.02	6.8	2.67	<0.1
1731297	Soil	11.8	30.7	0.85	173.5	0.111	<1	1.69	0.026	0.12	<0.1	5.9	0.13	<0.02	13	0.3	0.06	5.0	2.62	<0.1
1731298	Soil	16.3	35.7	0.85	235.3	0.110	2	1.85	0.020	0.10	0.2	5.3	0.16	0.02	38	0.2	<0.02	6.0	3.06	<0.1
1731299	Soil	4.5	14.6	0.25	111.7	0.055	<1	0.94	0.044	0.05	<0.1	1.5	0.06	0.07	18	0.4	<0.02	3.4	0.52	<0.1
1731300	Soil	7.1	19.2	0.37	168.0	0.068	2	1.31	0.034	0.08	<0.1	2.7	0.07	0.07	34	0.4	<0.02	4.1	0.87	<0.1
1731301	Soil	7.5	19.3	0.32	124.6	0.058	<1	1.30	0.031	0.08	0.1	2.2	0.09	0.05	35	0.5	0.05	5.4	1.03	<0.1
1731302	Soil	7.9	21.6	0.35	117.4	0.063	<1	1.36	0.030	0.08	0.1	2.3	0.09	0.05	30	0.5	0.04	5.2	1.02	<0.1
1731303	Soil	11.0	27.4	0.49	187.3	0.061	<1	2.00	0.028	0.08	0.1	3.5	0.11	0.06	45	0.7	0.10	6.0	1.34	<0.1
1731304	Soil	6.0	16.6	0.25	82.6	0.049	<1	1.13	0.028	0.05	<0.1	1.9	0.06	0.05	22	0.8	0.07	4.6	0.96	<0.1
1731305	Soil	7.4	32.4	0.52	77.1	0.102	1	1.74	0.011	0.08	<0.1	3.2	0.10	0.03	17	0.6	0.06	8.4	1.05	<0.1
1731306	Soil	7.3	25.6	0.37	87.8	0.060	1	1.44	0.013	0.05	<0.1	1.6	0.10	0.07	31	0.4	0.05	6.9	1.07	<0.1
1731307	Soil	2.8	7.2	0.07	25.5	0.100	<1	0.43	0.063	0.05	<0.1	0.8	0.05	0.03	19	1.0	<0.02	3.8	0.16	<0.1
1731308	Soil	3.9	12.1	0.16	35.7	0.195	<1	0.49	0.033	0.03	<0.1	1.0	0.02	0.04	12	0.4	<0.02	6.1	0.35	<0.1

CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1731279	Soil	0.48	4.5	1.3	<0.05	1.3	1.78	8.6	<0.02	<1	0.2	3.8	<10	<2
1731280	Soil	0.79	8.7	4.0	<0.05	1.7	3.01	13.0	<0.02	<1	0.1	8.2	<10	<2
1731281	Soil	1.58	6.3	5.0	<0.05	2.9	2.11	14.0	<0.02	<1	0.2	11.7	<10	<2
1731282	Soil	1.85	7.9	2.8	<0.05	4.7	3.33	16.4	0.03	<1	0.4	23.9	10	<2
1731283	Soil	0.89	6.2	2.6	<0.05	1.8	1.91	8.7	0.02	<1	0.2	5.3	<10	<2
1731284	Soil	2.63	10.0	5.8	<0.05	5.1	4.71	21.2	0.03	<1	0.9	16.6	<10	<2
1731285	Soil	1.43	6.2	1.9	<0.05	3.7	4.53	21.9	0.02	<1	0.4	14.0	<10	<2
1731286	Soil	1.20	10.3	2.0	<0.05	2.9	7.52	26.1	0.03	1	0.6	13.0	<10	<2
1731287	Soil	1.31	10.2	1.5	<0.05	2.1	5.16	20.5	0.03	1	0.5	13.0	<10	<2
1731288	Soil	1.68	11.3	3.9	<0.05	2.7	7.77	22.1	0.02	2	0.4	8.4	<10	<2
1731289	Soil	1.05	9.1	1.9	<0.05	2.6	3.78	17.7	<0.02	<1	0.3	8.6	<10	<2
1731290	Rock Pulp	0.05	15.6	0.2	<0.05	0.7	0.23	0.5	<0.02	<1	0.1	1.6	<10	<2
1731291	Soil	0.97	10.8	1.5	<0.05	2.9	3.30	16.4	<0.02	<1	0.2	11.1	<10	<2
1731292	Soil	0.68	14.3	3.0	<0.05	8.0	18.93	147.9	0.04	<1	1.0	13.8	<10	<2
1731293	Soil	2.51	8.6	1.0	<0.05	8.7	11.41	68.0	0.03	<1	0.7	17.4	<10	<2
1731294	Soil	0.82	10.5	2.1	<0.05	3.1	13.52	32.2	0.03	<1	0.5	16.1	<10	<2
1731295	Soil	1.36	12.0	0.7	<0.05	4.8	9.51	32.5	0.03	<1	0.5	17.5	<10	<2
1731296	Soil	0.94	13.0	4.9	<0.05	4.0	5.32	21.9	0.03	<1	0.5	21.9	<10	<2
1731297	Soil	0.63	13.5	1.6	<0.05	3.8	7.68	24.9	0.02	<1	0.5	10.7	<10	<2
1731298	Soil	1.76	11.0	0.9	<0.05	2.8	6.24	36.4	0.02	<1	0.5	13.8	<10	<2
1731299	Soil	0.65	4.9	1.5	<0.05	2.3	2.84	9.6	<0.02	<1	0.1	4.5	<10	<2
1731300	Soil	0.99	8.3	1.8	<0.05	3.7	5.51	13.8	<0.02	1	0.3	7.1	<10	<2
1731301	Soil	1.09	10.2	0.4	<0.05	2.4	6.11	15.7	<0.02	<1	0.3	8.0	<10	<2
1731302	Soil	1.10	10.4	3.9	<0.05	2.4	6.20	16.0	<0.02	<1	0.4	9.2	<10	<2
1731303	Soil	1.50	11.7	0.6	<0.05	3.3	9.70	20.9	0.02	<1	0.5	12.7	<10	<2
1731304	Soil	0.87	7.4	0.7	<0.05	2.3	3.84	12.1	<0.02	<1	0.4	5.9	<10	<2
1731305	Soil	1.50	11.3	0.7	<0.05	4.0	3.54	16.5	0.03	<1	0.3	12.7	<10	<2
1731306	Soil	0.88	7.4	1.8	<0.05	1.3	3.20	15.4	0.02	<1	0.3	7.5	<10	<2
1731307	Soil	0.34	1.6	2.8	<0.05	2.0	2.14	6.6	<0.02	<1	0.1	0.6	<10	<2
1731308	Soil	0.43	4.0	6.8	<0.05	2.2	2.44	8.8	<0.02	<1	<0.1	1.7	<10	<2

CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1731309	Soil	0.43	12.70	1.34	16.4	72	3.9	4.7	237	1.58	3.1	0.2	0.6	0.3	11.2	0.04	0.10	0.02	38	0.15
1731310	Rock Pulp	16.58	70.16	194.5	99.4	1133	87.6	33.8	111	0.83	14.8	0.2	153.1	0.1	4.0	0.14	1.68	6.00	<2	0.12
1731311	Soil	0.53	11.89	2.64	15.0	103	4.1	10.0	441	1.33	4.7	0.2	1.0	0.2	10.9	0.07	0.11	0.06	35	0.14
1731312	Soil	1.10	26.05	7.67	54.7	191	19.4	6.9	168	2.39	22.8	0.8	4.5	1.3	15.5	0.13	0.44	0.19	60	0.20
1731313	Soil	1.81	21.95	13.55	32.9	594	9.5	8.2	379	1.23	5.6	0.8	3.0	0.2	17.9	0.18	0.37	0.12	35	0.17
1731314	Soil	2.42	26.56	4.49	46.5	413	12.5	9.4	373	1.52	6.7	0.9	3.5	0.3	16.3	0.25	0.38	0.11	38	0.15
1731315	Soil	1.22	52.22	12.24	111.5	614	25.4	8.4	377	1.84	32.2	2.1	7.5	0.6	45.2	0.63	0.54	0.26	44	0.91
1731316	Soil	0.92	25.84	8.79	77.1	166	29.4	11.8	322	3.07	7.0	0.8	6.6	3.2	22.9	0.16	0.33	0.24	64	0.38
1731317	Soil	3.51	85.09	9.76	170.9	398	39.0	13.8	302	3.86	52.9	1.6	10.1	3.9	30.8	1.14	0.98	0.34	75	0.28
1731318	Soil	0.86	22.89	9.18	61.2	81	32.4	12.5	342	3.34	9.9	0.8	4.6	3.0	16.9	0.09	0.34	0.17	66	0.24
1731319	Soil	0.92	18.55	18.26	40.8	97	10.1	6.0	157	1.79	6.1	0.4	0.6	0.8	15.9	0.19	0.31	0.20	50	0.18
1731320	Soil	0.65	15.89	5.04	15.3	94	5.7	2.8	113	0.80	2.2	0.4	1.7	0.2	12.7	0.04	0.11	0.10	16	0.16
1731321	Soil	1.13	22.76	8.41	36.4	107	14.0	8.6	289	1.83	4.7	0.6	1.8	0.6	20.8	0.09	0.25	0.12	43	0.24
1731322	Soil	0.78	22.85	4.73	25.6	91	10.6	3.9	114	1.31	3.1	0.5	1.5	0.3	18.9	0.06	0.21	0.09	30	0.22
1731323	Soil	1.11	21.16	9.77	45.8	46	18.3	7.9	187	2.99	8.3	0.5	3.9	1.9	22.5	0.21	0.31	0.11	62	0.25
1731324	Soil	0.79	20.14	5.74	40.4	100	11.6	6.3	217	1.64	3.9	0.6	1.3	0.8	21.6	0.09	0.20	0.09	39	0.28
1731325	Soil	1.36	31.50	7.47	46.7	199	14.4	9.2	443	1.92	6.8	0.9	1.8	0.6	30.3	0.12	0.30	0.15	42	0.42
1731326	Soil	0.88	15.24	5.99	25.2	101	5.8	4.0	149	1.22	3.9	0.4	4.7	0.5	12.5	0.14	0.29	0.09	35	0.13
1731327	Soil	1.71	19.53	14.58	40.8	147	13.5	7.5	451	2.43	8.4	0.4	2.7	1.0	14.4	0.21	0.39	0.14	63	0.15
1731328	Soil	2.54	38.99	14.45	71.7	171	27.9	11.8	364	3.50	9.0	0.9	2.8	1.1	19.6	0.34	0.69	0.19	90	0.18
1731329	Soil	1.88	27.72	8.62	57.3	58	16.4	8.1	517	2.47	9.7	0.5	3.5	1.0	16.2	0.11	0.63	0.12	66	0.16
1731330	Rock Pulp	1.17	21.61	0.90	20.7	808	7.6	4.4	87	1.52	1.5	0.2	112.6	0.3	12.9	0.04	0.97	1.44	27	0.33
1731331	Soil	1.02	32.17	12.10	80.8	161	38.9	11.9	319	3.56	6.7	0.9	3.0	3.9	21.4	0.10	0.32	0.19	71	0.31
1731332	Soil	1.47	21.59	6.55	33.6	86	11.3	5.4	247	1.72	8.8	0.5	1.5	0.2	19.3	0.08	0.33	0.11	39	0.21
1731333	Soil	3.44	99.22	10.47	117.8	811	36.6	10.2	192	3.55	10.5	2.6	5.9	4.0	25.9	0.75	0.93	0.19	84	0.29
1731334	Soil	1.95	30.32	10.30	66.1	212	28.9	11.3	336	4.26	9.9	0.8	2.1	2.5	21.4	0.27	0.63	0.12	78	0.22
1731335	Soil	2.43	43.81	10.85	131.3	291	39.6	14.2	509	3.82	33.3	0.9	15.6	2.2	23.3	0.84	1.70	0.23	89	0.29
1731336	Soil	1.88	54.21	9.93	67.1	831	21.0	11.7	676	3.56	8.1	2.0	4.8	0.6	27.2	0.39	0.47	0.12	85	0.37
1731337	Soil	1.96	23.99	12.46	43.1	89	16.4	7.0	184	2.93	9.1	0.6	2.1	2.4	15.6	0.12	0.58	0.23	92	0.17
1731338	Soil	1.15	19.12	5.75	20.8	76	7.1	2.8	63	1.37	4.9	0.4	2.7	0.2	10.7	0.06	0.34	0.08	34	0.10

CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1731309	Soil	2.6	5.3	0.07	25.0	0.049	<1	0.41	0.047	0.04	<0.1	0.7	0.03	<0.02	9	0.3	<0.02	2.2	0.18	<0.1
1731310	Rock Pulp	<0.5	38.0	<0.01	2.6	0.003	<1	0.10	0.015	0.04	0.3	0.3	0.15	0.03	1720	<0.1	<0.02	0.3	1.47	<0.1
1731311	Soil	2.7	4.8	0.07	33.1	0.040	<1	0.40	0.043	0.03	<0.1	0.7	0.04	0.02	26	0.4	0.02	2.1	0.15	<0.1
1731312	Soil	6.9	28.0	0.38	91.5	0.080	<1	1.49	0.028	0.06	0.1	3.5	0.11	0.03	40	0.8	0.03	5.3	1.10	<0.1
1731313	Soil	4.9	14.8	0.20	78.2	0.034	<1	0.86	0.030	0.05	<0.1	1.3	0.09	0.07	44	0.5	0.04	3.6	0.99	<0.1
1731314	Soil	5.5	14.9	0.22	74.4	0.039	<1	1.01	0.029	0.05	<0.1	1.5	0.09	0.05	30	0.6	0.03	4.4	1.25	<0.1
1731315	Soil	10.7	22.9	0.36	134.9	0.051	2	1.54	0.029	0.09	<0.1	2.5	0.09	0.10	52	1.3	0.06	4.2	1.02	<0.1
1731316	Soil	11.9	46.8	0.84	136.1	0.138	<1	2.15	0.012	0.13	0.1	4.6	0.17	0.05	19	0.4	0.04	7.5	1.74	<0.1
1731317	Soil	11.9	40.1	0.81	135.8	0.113	2	1.89	0.021	0.22	0.2	3.9	0.18	0.16	24	2.0	0.10	6.0	3.29	<0.1
1731318	Soil	11.3	42.1	0.84	78.1	0.127	2	2.39	0.011	0.13	0.2	4.7	0.13	0.04	27	0.4	<0.02	6.4	1.38	<0.1
1731319	Soil	5.1	15.3	0.23	57.8	0.082	<1	0.89	0.022	0.06	<0.1	1.2	0.06	0.03	33	<0.1	<0.02	4.5	0.86	<0.1
1731320	Soil	3.6	7.7	0.13	44.4	0.029	<1	0.74	0.035	0.04	<0.1	0.6	0.04	0.04	11	<0.1	<0.02	2.6	0.43	<0.1
1731321	Soil	6.7	20.4	0.32	83.9	0.072	<1	1.22	0.029	0.07	<0.1	1.8	0.09	0.04	21	0.2	<0.02	4.8	0.91	<0.1
1731322	Soil	5.5	13.4	0.22	72.0	0.049	<1	0.96	0.033	0.06	<0.1	1.2	0.07	0.04	18	0.2	<0.02	4.0	0.69	<0.1
1731323	Soil	7.6	28.5	0.44	109.1	0.104	2	1.85	0.016	0.07	0.1	2.6	0.07	<0.02	11	<0.1	<0.02	6.0	0.99	<0.1
1731324	Soil	7.5	15.1	0.27	75.8	0.064	1	1.07	0.031	0.07	<0.1	1.9	0.07	0.04	13	0.3	0.03	4.4	0.78	<0.1
1731325	Soil	12.2	19.5	0.36	125.0	0.058	2	1.46	0.025	0.06	0.1	2.0	0.09	0.07	18	0.3	<0.02	4.8	0.94	<0.1
1731326	Soil	4.4	10.6	0.14	50.1	0.053	<1	0.70	0.029	0.04	<0.1	1.0	0.04	<0.02	9	0.1	<0.02	3.5	0.61	<0.1
1731327	Soil	6.8	20.2	0.27	75.6	0.086	<1	1.23	0.019	0.07	<0.1	1.8	0.08	0.03	18	0.2	0.03	6.3	1.09	<0.1
1731328	Soil	9.5	36.6	0.56	72.8	0.103	2	1.76	0.018	0.11	<0.1	2.8	0.12	0.05	35	0.5	0.07	9.2	1.67	<0.1
1731329	Soil	5.9	19.5	0.27	76.0	0.073	1	1.10	0.021	0.04	0.1	1.7	0.07	0.02	15	0.5	<0.02	5.0	1.00	<0.1
1731330	Rock Pulp	2.5	6.2	0.09	13.4	0.205	1	0.28	0.072	0.05	0.2	0.4	0.09	<0.02	<5	<0.1	<0.02	1.5	2.32	<0.1
1731331	Soil	13.5	47.9	0.94	133.9	0.145	1	2.59	0.012	0.21	<0.1	4.6	0.21	0.02	24	0.3	0.02	7.5	1.82	<0.1
1731332	Soil	5.0	15.5	0.26	62.9	0.037	1	0.96	0.029	0.04	<0.1	1.2	0.07	0.06	29	0.3	<0.02	3.7	0.83	<0.1
1731333	Soil	15.2	46.5	0.85	174.5	0.123	2	2.61	0.012	0.11	0.1	7.1	0.17	0.03	82	2.4	0.10	7.6	2.82	<0.1
1731334	Soil	10.1	44.0	0.81	148.6	0.089	2	2.32	0.013	0.11	0.2	3.9	0.09	0.13	25	0.6	0.04	7.1	1.88	<0.1
1731335	Soil	9.9	38.1	0.70	143.5	0.116	1	1.90	0.012	0.10	0.1	3.8	0.09	0.05	38	0.6	0.04	7.5	1.55	<0.1
1731336	Soil	12.1	29.5	0.41	122.0	0.068	2	1.82	0.021	0.06	<0.1	3.0	0.08	0.11	58	1.0	0.05	5.8	1.10	<0.1
1731337	Soil	11.2	24.5	0.35	72.4	0.103	2	1.38	0.009	0.07	<0.1	2.4	0.10	<0.02	9	0.2	0.03	7.6	1.20	<0.1
1731338	Soil	4.4	12.0	0.14	38.9	0.040	<1	0.74	0.021	0.03	<0.1	1.0	0.07	0.03	9	<0.1	0.02	3.6	0.71	<0.1

CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1731309	Soil	0.25	1.7	1.1	<0.05	0.9	1.54	5.9	<0.02	<1	<0.1	1.1	<10	<2
1731310	Rock Pulp	0.04	16.1	0.2	<0.05	0.7	0.25	0.5	<0.02	<1	0.1	1.7	<10	<2
1731311	Soil	0.23	1.5	3.1	<0.05	0.6	1.74	6.1	<0.02	<1	<0.1	0.7	<10	<2
1731312	Soil	0.95	7.1	1.1	<0.05	2.2	3.90	14.7	<0.02	<1	0.3	7.7	<10	<2
1731313	Soil	0.62	6.1	17.0	<0.05	1.5	2.56	10.5	0.02	<1	0.2	3.4	<10	<2
1731314	Soil	0.66	6.6	0.7	<0.05	1.6	3.16	12.1	<0.02	<1	0.2	4.2	<10	<2
1731315	Soil	1.06	13.2	11.1	<0.05	2.4	10.06	18.0	<0.02	<1	0.7	12.7	<10	<2
1731316	Soil	1.70	20.6	1.2	<0.05	2.0	6.07	22.5	0.02	<1	0.3	18.4	<10	<2
1731317	Soil	0.85	21.4	2.7	<0.05	2.7	6.01	20.6	0.04	<1	0.4	15.9	<10	<2
1731318	Soil	1.59	16.1	5.1	<0.05	2.5	5.26	22.3	0.03	<1	0.2	19.8	<10	<2
1731319	Soil	1.06	14.7	21.8	<0.05	2.0	2.05	10.3	<0.02	<1	<0.1	5.6	<10	<2
1731320	Soil	0.51	5.1	3.9	<0.05	1.2	1.79	6.3	<0.02	<1	0.3	3.2	<10	<2
1731321	Soil	0.90	13.0	4.7	<0.05	1.6	3.04	12.1	<0.02	<1	0.4	8.0	<10	<2
1731322	Soil	0.72	10.0	1.9	<0.05	1.2	2.30	9.5	<0.02	<1	0.3	5.1	<10	<2
1731323	Soil	1.35	11.6	4.7	<0.05	2.8	3.38	13.9	<0.02	<1	0.5	14.9	<10	<2
1731324	Soil	0.78	10.4	1.0	<0.05	1.5	3.35	12.9	<0.02	<1	0.3	7.9	<10	<2
1731325	Soil	1.05	11.8	2.6	<0.05	1.7	5.51	19.6	<0.02	<1	0.4	7.9	<10	<2
1731326	Soil	0.66	7.7	3.2	<0.05	1.0	1.50	7.9	<0.02	<1	0.2	3.6	<10	<2
1731327	Soil	0.98	14.5	10.9	<0.05	1.5	2.38	12.6	<0.02	<1	0.2	7.5	<10	<2
1731328	Soil	1.47	30.8	7.3	<0.05	1.6	3.95	17.8	0.02	<1	0.2	12.9	<10	<2
1731329	Soil	0.81	7.4	3.3	<0.05	1.5	2.24	11.0	<0.02	<1	0.4	5.8	<10	<2
1731330	Rock Pulp	0.25	10.4	0.2	<0.05	12.7	6.36	5.4	<0.02	<1	0.2	5.4	<10	<2
1731331	Soil	1.41	25.7	4.0	<0.05	2.5	5.86	24.3	<0.02	<1	0.3	23.3	<10	<2
1731332	Soil	0.44	6.5	3.2	<0.05	0.9	2.32	9.1	<0.02	<1	0.2	4.9	<10	<2
1731333	Soil	0.97	15.1	1.6	<0.05	3.5	12.84	28.4	0.04	4	0.6	15.8	<10	<2
1731334	Soil	1.05	10.1	2.5	<0.05	1.6	3.80	23.6	<0.02	<1	0.3	21.5	<10	<2
1731335	Soil	1.10	12.8	2.0	<0.05	2.1	4.68	18.3	0.03	<1	0.4	15.8	<10	<2
1731336	Soil	0.82	10.1	6.0	<0.05	1.4	9.64	22.8	<0.02	<1	0.7	9.0	<10	<2
1731337	Soil	1.02	10.8	3.6	<0.05	1.8	3.01	20.5	<0.02	<1	<0.1	8.2	<10	<2
1731338	Soil	0.51	4.8	1.6	<0.05	0.8	1.51	7.7	<0.02	<1	<0.1	2.6	<10	<2

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Project: 210800

Report Date: September 04, 2013

Page: 6 of 6

Part: 1 of 3

CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	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	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
1731339	Soil	0.66	35.36	7.71	60.0	41	40.8	15.5	500	3.36	8.2	0.7	1.9	3.5	17.1	0.12	0.39	0.10	70	0.25	0.035
1731340	Soil	1.48	27.96	10.30	30.1	993	10.4	3.4	70	1.39	12.6	1.2	12.9	0.2	15.3	0.21	0.60	0.28	36	0.15	0.064
1731341	Soil	4.30	42.94	38.81	64.0	394	25.6	7.8	222	3.58	37.8	1.0	8.3	1.3	19.6	0.28	2.69	0.21	141	0.19	0.047
1731342	Soil	4.37	44.54	37.08	65.4	420	26.1	7.8	209	3.53	35.1	1.0	8.1	1.2	19.4	0.29	2.51	0.20	134	0.20	0.047
1731343	Soil	3.05	66.80	55.53	82.6	2125	20.3	9.8	268	2.23	82.8	1.8	72.1	0.4	25.4	0.92	5.02	0.93	55	0.28	0.114
1731344	Soil	3.38	50.46	44.49	80.9	3154	20.2	8.2	195	2.99	227.2	1.2	44.2	0.6	24.5	1.13	5.49	2.71	68	0.24	0.085
1731345	Soil	1.97	52.08	25.20	97.5	712	24.3	11.2	297	2.65	44.3	1.1	19.5	1.4	24.6	1.58	2.03	0.46	65	0.27	0.079
1731346	Soil	1.12	37.28	9.18	61.8	262	20.0	7.6	110	2.52	21.8	0.9	5.5	2.0	18.5	0.62	0.87	0.19	57	0.24	0.065
1731347	Soil	0.69	13.65	2.61	13.0	193	5.1	1.9	93	0.80	3.4	0.4	5.3	<0.1	12.5	0.10	0.27	0.10	13	0.10	0.049
1731348	Soil	1.32	24.00	2.84	27.0	147	9.0	7.6	1735	0.74	2.1	0.5	2.1	0.1	27.6	0.51	0.24	0.09	10	0.35	0.070
1731349	Soil	1.81	45.51	10.29	139.7	370	37.7	11.5	263	2.66	9.4	1.5	7.0	2.5	28.3	0.62	0.87	0.27	83	0.35	0.079

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Project: 210800

Report Date: September 04, 2013

Page: 6 of 6

Part: 2 of 3

CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1731339	Soil	10.8	37.2	0.85	110.7	0.136	3	2.57	0.015	0.16	0.1	5.0	0.14	0.03	16	0.3	0.05	6.0	1.22	<0.1
1731340	Soil	5.9	20.2	0.24	70.1	0.046	2	0.87	0.022	0.04	<0.1	1.7	0.10	0.05	55	0.9	0.02	4.1	1.40	<0.1
1731341	Soil	9.7	38.4	0.42	94.0	0.107	1	1.50	0.009	0.07	0.1	2.9	0.10	0.07	40	1.0	0.05	9.2	1.43	<0.1
1731342	Soil	9.8	34.7	0.40	92.7	0.095	1	1.52	0.009	0.07	0.2	2.5	0.10	0.07	27	1.0	0.09	8.2	1.37	<0.1
1731343	Soil	6.8	26.2	0.36	139.1	0.046	2	1.45	0.030	0.08	0.2	2.0	0.09	0.12	172	2.6	0.10	5.0	2.05	<0.1
1731344	Soil	8.3	30.7	0.41	119.9	0.063	2	1.24	0.013	0.08	0.2	2.3	0.11	0.11	137	1.7	0.11	6.0	2.04	<0.1
1731345	Soil	9.4	29.4	0.46	119.1	0.082	2	1.38	0.017	0.08	0.2	2.7	0.10	0.08	58	1.0	0.13	5.1	1.61	<0.1
1731346	Soil	8.9	23.3	0.43	116.2	0.082	<1	1.32	0.024	0.06	0.2	3.1	0.06	0.03	18	0.9	0.03	3.9	0.95	<0.1
1731347	Soil	2.5	8.0	0.12	44.1	0.014	<1	0.45	0.030	0.03	<0.1	0.5	0.05	0.05	28	0.3	0.03	2.4	0.49	<0.1
1731348	Soil	3.3	7.2	0.09	127.1	0.016	<1	0.63	0.034	0.03	<0.1	0.7	0.06	0.07	24	0.8	<0.02	2.7	0.41	<0.1
1731349	Soil	13.5	50.5	0.85	160.9	0.092	1	2.21	0.009	0.07	0.2	4.9	0.16	0.03	40	0.9	0.05	7.3	1.62	<0.1

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Project: 210800

Report Date: September 04, 2013

Page: 6 of 6

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI13000327.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
1731339	Soil	1.31	16.5	1.0	<0.05	4.2	4.65	22.9	0.02	<1	0.5	15.3	<10	<2	10.4
1731340	Soil	0.62	7.4	2.4	<0.05	1.1	2.73	10.4	<0.02	<1	0.1	4.2	<10	<2	19.8
1731341	Soil	1.06	6.6	2.3	<0.05	1.5	3.86	18.4	0.02	<1	0.2	9.0	<10	<2	12.8
1731342	Soil	1.09	6.4	3.5	<0.05	1.7	4.02	17.6	<0.02	<1	0.6	9.0	<10	<2	14.3
1731343	Soil	0.72	8.8	7.5	<0.05	1.4	4.79	12.8	<0.02	<1	0.6	9.0	11	<2	22.4
1731344	Soil	0.86	11.2	8.1	<0.05	1.4	3.81	14.7	0.04	2	0.2	8.3	<10	<2	22.1
1731345	Soil	0.83	10.9	2.5	<0.05	1.6	4.54	16.7	0.05	<1	0.1	9.6	<10	<2	16.4
1731346	Soil	0.83	6.5	2.0	<0.05	2.2	5.41	15.8	<0.02	<1	0.3	8.5	<10	<2	I.S.
1731347	Soil	0.24	3.7	0.8	<0.05	0.4	1.32	5.3	0.02	<1	0.1	2.0	<10	<2	14.4
1731348	Soil	0.39	2.5	0.8	<0.05	1.1	2.70	8.9	<0.02	3	0.2	1.4	<10	<2	19.1
1731349	Soil	1.04	13.8	0.7	<0.05	2.0	7.56	30.8	0.03	2	0.5	18.7	<10	<2	9.4

QUALITY CONTROL REPORT

WHI13000327.1

Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
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	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																				
1731223 Soil	1.14	34.12	5.33	44.5	158	21.7	7.7	304	2.29	8.4	0.7	2.5	0.9	32.9	0.49	0.47	0.16	53	0.47	0.039
REP 1731223 QC																				
1731234 Soil	2.81	56.36	7.48	122.3	463	40.6	13.5	327	4.41	5.4	2.4	16.2	3.5	32.0	0.37	0.36	0.16	115	0.50	0.135
REP 1731234 QC	3.10	52.94	7.81	117.9	495	38.3	13.0	328	4.37	5.4	2.4	13.3	3.6	32.6	0.36	0.43	0.17	114	0.55	0.130
1731250 Rock Pulp	18.83	71.72	212.0	100.0	1271	88.6	35.8	106	0.88	18.4	0.2	167.4	0.1	4.3	0.13	2.04	6.76	<2	0.15	0.011
REP 1731250 QC	17.42	70.10	209.5	99.6	1250	85.8	35.1	103	0.88	18.0	0.2	164.8	0.1	4.1	0.11	2.00	6.91	<2	0.13	0.010
1731259 Soil	1.06	18.74	7.81	33.6	137	10.8	6.7	211	1.49	5.7	0.3	1.1	0.7	18.7	0.16	0.27	0.10	38	0.17	0.028
REP 1731259 QC																				
1731266 Soil	1.15	28.77	18.19	41.9	161	16.0	8.8	318	1.86	6.0	0.5	7.2	0.6	31.0	0.14	0.46	0.08	49	0.32	0.083
REP 1731266 QC	1.15	30.49	17.96	43.1	171	16.6	8.7	330	1.81	6.2	0.6	3.5	0.6	31.9	0.13	0.50	0.09	47	0.31	0.084
1731282 Soil	1.63	21.44	9.29	47.9	144	23.8	10.8	288	3.37	11.4	0.6	1.9	1.9	17.4	0.28	0.56	0.14	65	0.17	0.052
REP 1731282 QC	1.63	20.32	9.03	47.8	149	22.3	10.8	290	3.37	11.4	0.6	1.5	1.8	17.3	0.32	0.57	0.15	64	0.15	0.052
1731295 Soil	1.32	31.77	6.39	67.5	117	30.4	15.2	291	4.13	88.1	1.2	7.7	2.8	26.1	0.13	0.95	0.19	98	0.39	0.079
REP 1731295 QC																				
1731298 Soil	0.88	27.52	5.87	64.1	104	23.7	11.7	443	2.74	142.5	1.1	10.2	2.7	40.6	0.13	2.30	0.57	69	0.59	0.082
REP 1731298 QC	0.87	27.03	5.47	63.6	110	24.0	12.0	465	2.74	131.8	1.0	9.0	2.6	39.4	0.13	2.04	0.53	68	0.60	0.084
1731312 Soil	1.10	26.05	7.67	54.7	191	19.4	6.9	168	2.39	22.8	0.8	4.5	1.3	15.5	0.13	0.44	0.19	60	0.20	0.056
REP 1731312 QC	1.06	26.36	6.93	55.0	193	19.6	6.8	163	2.33	21.6	0.9	4.3	1.3	15.6	0.12	0.43	0.18	58	0.18	0.059
1731329 Soil	1.88	27.72	8.62	57.3	58	16.4	8.1	517	2.47	9.7	0.5	3.5	1.0	16.2	0.11	0.63	0.12	66	0.16	0.028
REP 1731329 QC	1.82	28.03	8.16	51.1	56	16.5	7.5	510	2.51	9.6	0.4	2.3	1.0	16.3	0.12	0.63	0.14	67	0.16	0.026
1731331 Soil	1.02	32.17	12.10	80.8	161	38.9	11.9	319	3.56	6.7	0.9	3.0	3.9	21.4	0.10	0.32	0.19	71	0.31	0.063
REP 1731331 QC																				
1731346 Soil	1.12	37.28	9.18	61.8	262	20.0	7.6	110	2.52	21.8	0.9	5.5	2.0	18.5	0.62	0.87	0.19	57	0.24	0.065
REP 1731346 QC	1.08	35.89	8.48	62.4	247	19.8	8.0	108	2.47	20.8	0.8	5.6	1.9	17.7	0.70	0.83	0.17	56	0.24	0.062
1731348 Soil	1.32	24.00	2.84	27.0	147	9.0	7.6	1735	0.74	2.1	0.5	2.1	0.1	27.6	0.51	0.24	0.09	10	0.35	0.070
REP 1731348 QC	1.22	23.81	2.61	28.6	155	8.7	7.8	1738	0.74	2.1	0.5	0.5	0.1	27.7	0.47	0.23	0.07	11	0.35	0.070
1731349 Soil	1.81	45.51	10.29	139.7	370	37.7	11.5	263	2.66	9.4	1.5	7.0	2.5	28.3	0.62	0.87	0.27	83	0.35	0.079
REP 1731349 QC	1.99	45.37	10.70	141.5	376	37.6	11.8	258	2.74	9.2	1.6	13.3	2.4	28.3	0.68	0.85	0.28	86	0.37	0.083

QUALITY CONTROL REPORT

WHI13000327.1

Method Analyte Unit MDL	1F30 La ppm 0.5	1F30 Cr ppm 0.5	1F30 Mg % 0.01	1F30 Ba ppm 0.5	1F30 Ti % 0.001	1F30 B ppm 1	1F30 Al % 0.01	1F30 Na % 0.001	1F30 K % 0.01	1F30 W ppm 0.1	1F30 Sc ppm 0.1	1F30 Ti ppm 0.02	1F30 S % 0.02	1F30 Hg ppb 5	1F30 Se ppm 0.1	1F30 Te ppm 0.02	1F30 Ga ppm 0.1	1F30 Cs ppm 0.02	1F30 Ge ppm 0.1	1F30 Hf ppm 0.02
Pulp Duplicates																				
1731223 Soil	11.1	23.9	0.45	240.9	0.067	3	1.48	0.030	0.06	0.1	3.0	0.07	0.04	20	0.2	0.03	6.0	1.21	<0.1	0.05
REP 1731223 QC																				
1731234 Soil	16.2	59.9	1.23	424.5	0.203	2	2.76	0.018	0.18	0.1	6.2	0.22	0.02	38	1.4	0.08	10.0	2.46	0.1	0.08
REP 1731234 QC	16.7	60.2	1.22	395.9	0.213	2	2.73	0.018	0.18	0.2	6.8	0.23	0.02	31	1.5	0.09	9.3	2.51	<0.1	0.08
1731250 Rock Pulp	<0.5	44.4	0.01	2.9	0.003	1	0.12	0.015	0.05	0.4	0.3	0.18	0.03	1837	<0.1	<0.02	0.3	1.71	<0.1	0.02
REP 1731250 QC	<0.5	44.0	<0.01	3.3	0.003	<1	0.10	0.015	0.05	0.5	0.3	0.20	0.03	1833	<0.1	<0.02	0.3	1.67	<0.1	<0.02
1731259 Soil	5.3	15.1	0.23	71.6	0.059	<1	1.07	0.027	0.05	<0.1	1.6	0.04	<0.02	<5	0.2	<0.02	4.0	0.76	<0.1	0.05
REP 1731259 QC																				
1731266 Soil	7.1	23.7	0.35	76.8	0.070	1	1.06	0.024	0.04	0.1	1.9	0.05	0.06	29	0.2	0.04	3.9	0.79	<0.1	0.05
REP 1731266 QC	7.2	23.3	0.34	82.5	0.066	1	1.09	0.024	0.04	0.2	2.0	0.05	0.06	34	0.4	0.07	4.1	0.84	<0.1	0.03
1731282 Soil	7.7	36.5	0.43	58.3	0.093	2	2.70	0.011	0.05	0.1	3.5	0.08	0.03	53	0.3	0.06	6.8	1.24	<0.1	0.09
REP 1731282 QC	7.8	35.8	0.43	62.7	0.089	1	2.74	0.010	0.05	0.1	3.2	0.08	0.03	58	0.4	0.02	6.6	1.22	<0.1	0.11
1731295 Soil	14.7	48.7	1.06	172.0	0.101	4	2.54	0.018	0.07	0.1	9.0	0.15	0.03	54	0.5	0.03	7.5	2.36	<0.1	0.09
REP 1731295 QC																				
1731298 Soil	16.3	35.7	0.85	235.3	0.110	2	1.85	0.020	0.10	0.2	5.3	0.16	0.02	38	0.2	<0.02	6.0	3.06	<0.1	0.05
REP 1731298 QC	15.2	39.3	0.85	219.7	0.115	3	1.89	0.021	0.10	0.1	5.1	0.15	0.02	39	0.3	<0.02	6.0	2.84	<0.1	0.05
1731312 Soil	6.9	28.0	0.38	91.5	0.080	<1	1.49	0.028	0.06	0.1	3.5	0.11	0.03	40	0.8	0.03	5.3	1.10	<0.1	0.04
REP 1731312 QC	6.7	27.4	0.40	94.4	0.074	<1	1.49	0.027	0.06	<0.1	3.3	0.10	0.03	31	0.9	0.07	5.4	1.15	<0.1	0.03
1731329 Soil	5.9	19.5	0.27	76.0	0.073	1	1.10	0.021	0.04	0.1	1.7	0.07	0.02	15	0.5	<0.02	5.0	1.00	<0.1	<0.02
REP 1731329 QC	6.2	19.8	0.27	80.2	0.074	1	1.14	0.022	0.04	<0.1	1.8	0.08	0.02	11	<0.1	0.08	5.4	1.00	<0.1	0.02
1731331 Soil	13.5	47.9	0.94	133.9	0.145	1	2.59	0.012	0.21	<0.1	4.6	0.21	0.02	24	0.3	0.02	7.5	1.82	<0.1	0.03
REP 1731331 QC																				
1731346 Soil	8.9	23.3	0.43	116.2	0.082	<1	1.32	0.024	0.06	0.2	3.1	0.06	0.03	18	0.9	0.03	3.9	0.95	<0.1	0.04
REP 1731346 QC	8.6	22.8	0.40	111.3	0.079	1	1.32	0.024	0.06	0.1	3.2	0.06	0.03	24	0.6	0.08	3.8	0.86	<0.1	0.04
1731348 Soil	3.3	7.2	0.09	127.1	0.016	<1	0.63	0.034	0.03	<0.1	0.7	0.06	0.07	24	0.8	<0.02	2.7	0.41	<0.1	0.02
REP 1731348 QC	3.1	7.7	0.09	121.3	0.017	<1	0.63	0.037	0.03	<0.1	0.7	0.05	0.07	12	0.7	<0.02	2.6	0.41	<0.1	<0.02
1731349 Soil	13.5	50.5	0.85	160.9	0.092	1	2.21	0.009	0.07	0.2	4.9	0.16	0.03	40	0.9	0.05	7.3	1.62	<0.1	0.05
REP 1731349 QC	13.7	50.5	0.86	163.1	0.098	2	2.26	0.010	0.08	0.1	5.2	0.16	0.03	45	0.9	0.07	7.5	1.66	<0.1	0.05

Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Teck Resources Limited**

Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800

Report Date: September 04, 2013

Page: 1 of 2

Part: 3 of 3

QUALITY CONTROL REPORT

WHI13000327.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
Pulp Duplicates															
1731223	Soil	1.33	8.1	0.9	<0.05	2.9	6.83	22.1	<0.02	<1	0.5	8.6	<10	<2	17.2
REP 1731223	QC	17.2													
1731234	Soil	1.98	16.7	0.9	<0.05	4.3	8.29	30.9	0.03	<1	0.7	22.0	10	<2	8.6
REP 1731234	QC	2.14	16.5	0.9	<0.05	4.5	8.75	32.4	0.04	2	0.7	21.8	11	<2	
1731250	Rock Pulp	0.07	18.1	0.2	<0.05	0.7	0.31	0.6	<0.02	<1	0.2	1.7	<10	<2	1.1
REP 1731250	QC	0.06	17.8	0.2	<0.05	0.7	0.26	0.5	<0.02	<1	0.2	1.7	<10	<2	
1731259	Soil	0.83	7.4	6.0	<0.05	1.7	2.15	10.3	<0.02	<1	0.2	7.3	<10	<2	10.6
REP 1731259	QC	10.2													
1731266	Soil	0.71	5.7	22.6	<0.05	2.2	3.05	14.5	<0.02	<1	0.4	6.4	<10	<2	19.3
REP 1731266	QC	0.72	6.3	20.1	<0.05	2.1	3.29	14.6	<0.02	<1	0.1	7.1	<10	<2	
1731282	Soil	1.85	7.9	2.8	<0.05	4.7	3.33	16.4	0.03	<1	0.4	23.9	10	<2	23.4
REP 1731282	QC	2.01	7.6	2.8	<0.05	5.2	3.29	16.6	0.02	<1	0.4	22.6	<10	<2	
1731295	Soil	1.36	12.0	0.7	<0.05	4.8	9.51	32.5	0.03	<1	0.5	17.5	<10	<2	11.9
REP 1731295	QC	12.3													
1731298	Soil	1.76	11.0	0.9	<0.05	2.8	6.24	36.4	0.02	<1	0.5	13.8	<10	<2	10.1
REP 1731298	QC	1.64	10.9	0.8	<0.05	2.6	6.04	34.5	0.03	<1	0.5	14.6	<10	<2	
1731312	Soil	0.95	7.1	1.1	<0.05	2.2	3.90	14.7	<0.02	<1	0.3	7.7	<10	<2	11.7
REP 1731312	QC	0.86	7.3	1.0	<0.05	1.8	3.83	14.6	<0.02	1	0.4	8.5	<10	<2	
1731329	Soil	0.81	7.4	3.3	<0.05	1.5	2.24	11.0	<0.02	<1	0.4	5.8	<10	<2	11.7
REP 1731329	QC	0.77	7.3	2.7	<0.05	1.4	2.26	11.9	<0.02	<1	0.4	5.6	<10	<2	
1731331	Soil	1.41	25.7	4.0	<0.05	2.5	5.86	24.3	<0.02	<1	0.3	23.3	<10	<2	9.6
REP 1731331	QC	9.7													
1731346	Soil	0.83	6.5	2.0	<0.05	2.2	5.41	15.8	<0.02	<1	0.3	8.5	<10	<2	I.S.
REP 1731346	QC	0.78	5.9	1.6	<0.05	2.3	5.02	15.2	0.02	<1	<0.1	8.2	<10	<2	
1731348	Soil	0.39	2.5	0.8	<0.05	1.1	2.70	8.9	<0.02	3	0.2	1.4	<10	<2	19.1
REP 1731348	QC	0.35	2.5	0.4	<0.05	1.0	2.68	8.5	<0.02	<1	0.2	1.5	<10	<2	
1731349	Soil	1.04	13.8	0.7	<0.05	2.0	7.56	30.8	0.03	2	0.5	18.7	<10	<2	9.4
REP 1731349	QC	1.14	15.2	0.8	<0.05	2.2	7.74	30.8	0.03	3	0.5	20.3	<10	<2	

QUALITY CONTROL REPORT

WHI13000327.1

		1F30 Mo ppm 0.01	1F30 Cu ppm 0.01	1F30 Pb ppm 0.01	1F30 Zn ppm 0.1	1F30 Ag ppb 2	1F30 Ni ppm 0.1	1F30 Co ppm 0.1	1F30 Mn ppm 1	1F30 Fe % 0.01	1F30 As ppm 0.1	1F30 U ppm 0.1	1F30 Au ppb 0.2	1F30 Th ppm 0.1	1F30 Sr ppm 0.5	1F30 Cd ppm 0.01	1F30 Sb ppm 0.02	1F30 Bi ppm 0.02	1F30 V ppm 2	1F30 Ca % 0.01	1F30 P % 0.001
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS9	Standard	12.45	101.4	125.2	297.6	1685	38.9	7.2	554	2.38	24.8	2.8	108.0	6.2	60.9	2.26	4.61	5.53	41	0.76	0.076
STD DS9	Standard	14.30	93.24	130.2	309.5	1865	41.0	7.0	630	2.32	22.1	2.6	116.1	6.4	79.8	2.18	4.83	6.38	41	0.78	0.073
STD DS9	Standard	13.25	103.8	127.0	329.9	1832	42.5	7.2	633	2.35	22.6	2.6	116.0	6.2	79.3	1.94	4.48	6.66	41	0.80	0.074
STD DS9	Standard	12.98	107.8	129.6	314.5	1896	40.4	7.6	593	2.36	26.3	2.8	122.8	6.5	74.2	2.49	5.67	7.61	41	0.73	0.084
STD DS9	Standard	12.91	109.6	122.7	315.6	1773	41.2	8.1	605	2.31	25.5	2.6	120.5	6.3	73.2	2.33	5.19	6.63	41	0.76	0.080
STD DOLOMITE-2 Expected																					
STD DS9 Expected		12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank	<0.01	<0.01	<0.01	<0.1	5	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.01	<0.01	<0.1	2	<0.1	<0.1	1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	4	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

QUALITY CONTROL REPORT

WHI13000327.1

		1F30 La ppm 0.5	1F30 Cr ppm 0.5	1F30 Mg % 0.01	1F30 Ba ppm 0.5	1F30 Ti % 0.001	1F30 B ppm 1	1F30 Al % 0.01	1F30 Na % 0.001	1F30 K % 0.01	1F30 W ppm 0.1	1F30 Sc ppm 0.1	1F30 Ti ppm 0.02	1F30 S % 0.02	1F30 Hg ppb 5	1F30 Se ppm 0.1	1F30 Te ppm 0.02	1F30 Ga ppm 0.1	1F30 Cs ppm 0.02	1F30 Ge ppm 0.1	1F30 Hf ppm 0.02
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS9	Standard	12.6	118.2	0.62	291.4	0.107	3	1.00	0.096	0.41	2.8	2.4	4.95	0.17	197	4.5	5.04	4.3	2.21	<0.1	0.07
STD DS9	Standard	14.4	134.5	0.63	320.0	0.127	2	1.03	0.098	0.41	2.9	2.8	5.55	0.16	211	5.4	5.43	5.3	2.60	0.1	0.10
STD DS9	Standard	14.1	135.3	0.63	321.4	0.112	3	1.06	0.087	0.43	2.9	2.8	4.93	0.17	207	6.0	4.95	5.4	2.56	0.1	0.07
STD DS9	Standard	15.4	120.9	0.64	321.2	0.111	3	0.97	0.083	0.40	3.1	2.7	5.51	0.16	196	5.5	4.98	4.8	2.62	0.1	0.09
STD DS9	Standard	15.2	118.7	0.63	306.2	0.118	3	1.02	0.098	0.41	3.1	2.6	5.17	0.16	210	5.5	4.99	4.8	2.38	0.2	0.08
STD DOLOMITE-2 Expected																					
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	0.05	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	1.3	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

QUALITY CONTROL REPORT

WHI13000327.1

		1F30 Nb ppm 0.02	1F30 Rb ppm 0.1	1F30 Sn ppm 0.1	1F30 Ta ppm 0.05	1F30 Zr ppm 0.1	1F30 Y ppm 0.01	1F30 Ce ppm 0.1	1F30 In ppm 0.02	1F30 Re ppb 1	1F30 Be ppm 0.1	1F30 Li ppm 0.1	1F30 Pd ppb 10	1F30 Pt ppb 2	LOI %
Reference Materials															
STD DOLOMITE-2	Standard														46.0
STD DOLOMITE-2	Standard														46.2
STD DOLOMITE-2	Standard														45.8
STD DOLOMITE-2	Standard														46.2
STD DS9	Standard	1.44	32.1	6.4	<0.05	1.7	6.04	21.0	1.93	66	5.5	22.7	96	350	
STD DS9	Standard	1.65	31.1	5.8	<0.05	2.4	7.10	27.3	2.04	55	5.9	23.1	129	334	
STD DS9	Standard	1.51	31.0	5.4	<0.05	2.1	6.93	26.3	1.95	56	5.9	23.1	139	351	
STD DS9	Standard	1.46	36.0	6.6	<0.05	1.9	6.85	32.0	2.37	68	5.8	24.4	140	381	
STD DS9	Standard	1.41	33.3	6.8	<0.05	2.1	6.44	28.6	2.06	64	5.7	25.1	115	334	
STD DOLOMITE-2 Expected															45.9
STD DS9 Expected		1.33	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	

APPENDIX VII

DRILL CORE GEOCHEMICAL ANALYTICAL CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Whitehorse
Received: July 26, 2013
Report Date: November 04, 2013
Page: 1 of 3

CERTIFICATE OF ANALYSIS

WHI13000204.3

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_005
P.O. Number
Number of Samples: 32

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	30	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
G601	32	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
1F04	32	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
4AB1	2	Whole Rock Analysis Majors and Trace Elements	0.2	Completed	VAN

ADDITIONAL COMMENTS

Version 3: 4AB1 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. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI13000204.3

	Method Analyte Unit MDL	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
2315001	Drill Core	2.68	0.183	20.20	160.21	51.61	109.6	1427	4.1	6.6	706	2.56	45.3	3.0	136.8	4.5	208.1	1.16	2.93	0.44	58
2315002	Drill Core	2.74	0.243	19.96	183.14	43.18	384.6	1557	4.4	8.0	676	2.80	220.7	1.3	280.9	4.9	244.4	5.28	4.16	0.97	44
2315003	Drill Core	3.43	0.292	103.29	76.65	31.13	351.2	921	4.2	6.8	402	1.80	38.8	2.1	346.8	7.2	114.1	4.30	1.49	1.07	50
2315004	Drill Core	4.21	0.468	93.29	183.71	42.54	349.2	1301	4.9	10.0	640	3.18	94.2	3.2	543.3	8.1	139.1	4.42	2.19	1.38	66
2315005	Drill Core	2.65	0.257	23.92	119.09	13.67	77.7	451	4.5	7.4	504	2.02	66.2	2.5	316.0	7.7	213.1	0.95	1.92	0.51	62
2315006	Drill Core	2.55	0.311	18.24	117.24	12.40	90.6	464	3.4	7.6	496	1.91	59.3	2.7	299.4	7.9	229.7	1.15	2.03	0.48	57
2315007	Drill Core	2.80	0.356	14.30	61.88	9.87	137.4	869	4.2	7.4	420	1.99	1002.6	1.3	380.9	6.6	146.4	1.26	4.59	0.78	40
2315008	Drill Core	3.99	0.403	23.91	122.47	12.82	120.9	2464	2.9	5.0	526	1.99	520.3	2.8	424.3	8.2	122.9	1.16	11.68	0.46	22
2315009	Drill Core	4.82	0.168	14.75	221.73	8.39	111.8	729	2.9	9.1	599	3.31	73.4	3.1	210.4	7.4	166.8	0.84	3.16	0.52	93
2315010	Core Pulp	0.05	0.203	136.70	1752.30	21.97	59.7	2024	17.1	16.5	351	3.81	24.6	4.1	212.0	9.4	62.1	1.10	4.30	2.35	49
2315011	Drill Core	1.69	<0.005	<0.01	0.48	3.51	46.6	38	5.5	4.1	567	2.01	1.0	1.9	5.5	6.3	62.1	<0.01	0.02	0.08	33
2315012	Drill Core	6.14	0.331	16.99	271.32	9.20	70.3	704	3.5	9.2	528	2.46	23.8	2.2	425.1	6.5	233.7	0.54	2.48	0.41	89
2315013	Drill Core	5.67	0.258	17.44	124.91	6.70	79.3	338	3.1	8.1	459	2.41	12.8	2.3	180.2	7.6	158.8	0.53	0.73	0.30	92
2315014	Drill Core	7.16	0.122	18.53	260.00	5.26	69.6	564	3.4	10.5	566	2.97	19.7	2.0	115.9	6.7	124.4	0.42	0.75	0.39	95
2315015	Drill Core	4.57	0.139	11.57	184.23	5.75	68.9	376	2.9	10.1	544	2.88	8.8	2.0	144.7	6.4	199.1	0.56	0.64	0.24	103
2315016	Drill Core	7.10	0.095	10.99	139.12	6.04	172.5	300	2.8	8.6	455	2.80	13.3	1.9	136.9	6.7	155.8	1.57	0.39	0.27	109
2315017	Drill Core	7.29	0.136	13.20	171.46	4.50	83.4	405	3.1	9.5	524	2.72	16.0	1.4	127.3	6.0	89.2	0.52	0.41	0.37	96
2315018	Drill Core	5.06	0.126	8.31	74.43	3.77	50.3	163	2.4	9.1	429	2.85	11.2	1.9	410.3	6.2	123.4	0.32	1.34	0.22	108
2315019	Drill Core	5.95	0.195	14.00	155.93	4.31	58.2	281	2.3	10.4	439	3.00	10.5	1.8	224.0	6.4	153.7	0.36	0.46	0.18	107
2315020	Drill Core	5.72	0.101	7.76	125.29	4.50	50.0	292	2.5	7.5	419	2.32	9.6	2.0	100.0	6.5	113.7	0.36	0.50	0.15	103
2315021	Drill Core	2.89	0.145	7.08	152.84	5.09	44.9	253	2.6	8.0	307	2.32	10.3	1.9	97.0	6.5	77.9	0.23	0.54	0.17	92
2315022	Drill Core	3.08	0.132	6.79	149.99	4.74	44.8	271	2.2	8.0	330	2.37	9.5	2.0	90.8	6.7	82.6	0.27	0.53	0.16	95
2315023	Drill Core	5.94	0.099	14.27	163.19	5.64	44.2	314	2.3	7.2	305	2.27	13.0	1.9	93.9	6.4	58.3	0.24	0.60	0.24	85
2315024	Drill Core	7.84	0.263	8.51	265.98	5.24	54.3	445	2.3	9.7	335	2.64	18.9	1.8	235.6	6.2	70.6	0.34	1.47	0.29	92
2315025	Drill Core	6.33	0.164	27.62	163.75	12.97	44.0	376	2.4	8.3	324	2.38	10.9	1.9	127.8	6.1	62.8	0.29	0.74	0.23	90
2315026	Drill Core	7.38	0.149	19.17	173.37	6.85	45.5	638	2.1	8.6	316	2.35	7.4	2.0	704.2	6.4	62.9	0.25	0.52	0.11	103
2315027	Drill Core	7.00	0.198	20.12	146.82	6.49	53.7	398	2.5	8.3	366	2.46	10.9	1.9	252.2	6.7	72.6	0.32	0.43	0.14	107
2315028	Drill Core	6.26	0.130	13.12	151.19	6.91	41.8	274	2.7	7.8	286	2.09	7.2	2.3	140.9	7.1	78.0	0.25	0.33	0.15	96
2315029	Drill Core	6.03	<0.005	0.16	2.87	4.31	45.1	84	2.7	4.1	515	1.74	0.3	1.6	1.1	4.2	44.0	0.02	0.06	0.05	30
2315030	Core Pulp	0.07	1.812	3.41	35.44	5.73	50.1	356	27.9	12.4	443	2.78	8.9	0.3	1517.6	1.1	42.6	0.18	0.98	0.15	60

CERTIFICATE OF ANALYSIS

WHI13000204.3

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315001	Drill Core	4.91	0.085	7.6	15.5	1.73	37.2	<0.001	<20	0.83	0.003	0.09	0.3	10.7	0.06	0.08	9	0.3	0.06	2.0	2.65
2315002	Drill Core	4.62	0.070	10.4	12.9	1.74	51.1	<0.001	<20	0.68	0.004	0.13	0.3	6.4	0.11	0.40	17	1.0	0.31	1.8	4.12
2315003	Drill Core	2.32	0.089	19.2	13.5	0.82	79.4	<0.001	<20	0.93	0.005	0.24	0.1	7.1	0.16	0.26	19	0.6	0.40	2.5	5.98
2315004	Drill Core	2.80	0.085	21.5	22.5	1.23	68.7	0.002	<20	1.75	0.030	0.14	<0.1	9.2	0.13	0.60	22	1.2	0.57	5.1	7.39
2315005	Drill Core	3.81	0.090	14.9	13.8	1.34	50.6	<0.001	<20	1.10	0.004	0.14	<0.1	10.7	0.10	0.18	14	0.1	0.06	2.4	3.97
2315006	Drill Core	3.97	0.091	14.8	12.9	1.42	43.9	<0.001	<20	0.96	0.003	0.13	<0.1	9.7	0.10	0.13	6	0.3	0.17	2.2	3.91
2315007	Drill Core	2.99	0.082	11.8	10.5	1.01	43.7	<0.001	<20	0.62	0.003	0.16	0.2	6.7	0.12	0.30	<5	0.6	0.23	1.4	7.03
2315008	Drill Core	2.91	0.062	7.3	4.8	0.94	48.7	<0.001	<20	0.67	0.006	0.18	0.2	3.5	0.19	0.71	9	0.7	0.13	1.7	6.79
2315009	Drill Core	2.95	0.089	16.4	13.2	1.53	126.7	0.022	<20	1.99	0.087	0.12	<0.1	11.9	0.09	0.22	11	0.2	0.04	6.4	10.19
2315010	Core Pulp	1.72	0.065	17.1	55.2	0.81	77.0	0.030	<20	1.26	0.051	0.47	1.7	5.8	0.29	1.68	95	2.4	0.37	3.8	1.60
2315011	Drill Core	0.48	0.076	12.9	15.2	0.49	194.5	0.122	<20	0.95	0.093	0.52	<0.1	2.5	0.37	<0.02	<5	<0.1	0.02	4.9	3.52
2315012	Drill Core	4.24	0.099	20.0	11.3	1.59	96.8	0.019	<20	1.47	0.044	0.10	0.1	14.4	0.04	0.16	9	0.2	0.03	3.9	7.38
2315013	Drill Core	2.61	0.093	15.9	15.4	1.42	223.5	0.036	<20	1.89	0.140	0.11	<0.1	11.6	0.07	0.10	<5	0.1	0.07	6.4	10.96
2315014	Drill Core	3.07	0.095	15.7	17.2	1.31	243.5	0.056	<20	2.02	0.140	0.12	<0.1	9.6	0.07	0.20	<5	<0.1	0.10	6.8	7.86
2315015	Drill Core	4.42	0.095	16.1	15.6	1.54	241.6	0.053	<20	2.09	0.115	0.13	<0.1	10.9	0.07	0.10	<5	0.2	0.04	7.0	7.33
2315016	Drill Core	2.45	0.092	12.2	18.1	1.61	193.1	0.075	<20	2.39	0.244	0.24	<0.1	11.0	0.12	0.08	7	<0.1	0.04	7.6	8.05
2315017	Drill Core	2.39	0.105	11.8	15.5	1.37	143.0	0.073	<20	2.03	0.128	0.16	<0.1	7.4	0.07	0.15	<5	0.2	0.16	6.5	6.40
2315018	Drill Core	2.68	0.099	11.7	16.3	1.35	270.6	0.129	<20	2.22	0.187	0.24	0.1	8.0	0.11	0.09	<5	<0.1	0.02	7.5	5.30
2315019	Drill Core	3.09	0.097	13.2	14.9	1.42	136.9	0.091	<20	2.28	0.210	0.12	<0.1	9.0	0.05	0.08	<5	0.2	<0.02	7.6	5.03
2315020	Drill Core	2.81	0.103	13.6	16.5	1.44	120.3	0.050	<20	2.29	0.167	0.13	<0.1	9.8	0.07	0.09	<5	0.3	0.02	7.6	5.12
2315021	Drill Core	1.66	0.099	10.1	12.9	1.29	148.7	0.165	<20	1.90	0.187	0.12	0.2	5.6	0.05	0.07	<5	0.2	0.04	6.7	4.07
2315022	Drill Core	1.81	0.098	10.9	14.0	1.35	141.5	0.161	<20	1.95	0.194	0.12	<0.1	6.8	0.05	0.07	<5	<0.1	<0.02	7.0	4.35
2315023	Drill Core	1.65	0.097	9.4	13.0	1.22	115.4	0.161	<20	1.60	0.100	0.07	0.2	5.4	0.03	0.13	<5	0.2	0.04	6.2	2.70
2315024	Drill Core	1.47	0.097	10.2	13.6	1.32	124.0	0.180	<20	1.95	0.171	0.12	0.1	5.1	0.06	0.16	8	0.3	0.08	6.9	3.03
2315025	Drill Core	1.67	0.089	10.9	14.8	1.34	167.5	0.183	<20	1.86	0.150	0.19	0.1	5.5	0.09	0.12	<5	<0.1	0.08	6.5	3.28
2315026	Drill Core	1.93	0.096	11.6	19.0	1.46	111.0	0.149	<20	1.70	0.091	0.09	0.1	7.6	0.03	0.07	<5	0.2	0.05	6.9	4.17
2315027	Drill Core	2.20	0.106	14.8	18.2	1.58	84.3	0.088	<20	1.91	0.142	0.10	0.1	9.5	0.05	0.08	<5	<0.1	0.02	7.5	3.82
2315028	Drill Core	2.03	0.101	11.7	14.4	1.37	107.3	0.137	<20	1.72	0.177	0.13	0.2	8.8	0.06	0.06	<5	0.3	0.03	6.7	3.50
2315029	Drill Core	0.48	0.072	9.0	6.8	0.52	167.2	0.108	<20	0.77	0.047	0.45	<0.1	2.2	0.30	<0.02	<5	<0.1	0.02	4.0	3.29
2315030	Core Pulp	0.83	0.061	4.4	30.9	0.83	110.6	0.117	<20	1.65	0.093	0.15	13.5	4.8	0.05	0.04	90	0.2	0.09	5.1	0.42

CERTIFICATE OF ANALYSIS

WHI13000204.3

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315001	Drill Core	<0.1	0.07	<0.02	4.6	1.7	<0.05	3.7	15.33	18.2	0.10	29	0.8	8.1	<10	<2					
2315002	Drill Core	<0.1	0.04	<0.02	6.9	1.0	<0.05	2.5	11.43	23.3	0.09	44	0.6	5.0	<10	<2					
2315003	Drill Core	<0.1	0.03	<0.02	12.3	0.7	<0.05	1.6	12.76	39.7	0.05	127	0.7	4.8	<10	<2					
2315004	Drill Core	<0.1	0.07	<0.02	7.9	1.3	<0.05	2.4	13.81	45.3	0.16	201	0.4	13.5	13	<2					
2315005	Drill Core	<0.1	0.05	<0.02	7.2	0.6	<0.05	2.1	13.61	33.4	0.10	33	0.8	7.6	12	<2					
2315006	Drill Core	<0.1	0.04	<0.02	7.4	0.5	<0.05	1.8	14.22	33.5	0.08	27	0.9	7.4	15	<2					
2315007	Drill Core	<0.1	0.02	<0.02	8.4	0.8	<0.05	1.7	9.98	24.5	0.07	23	0.4	3.6	<10	<2					
2315008	Drill Core	<0.1	0.03	<0.02	10.1	1.2	<0.05	2.2	9.05	16.2	0.05	57	0.2	3.9	<10	<2					
2315009	Drill Core	<0.1	0.07	<0.02	7.6	1.2	<0.05	2.2	13.11	35.3	0.11	18	0.8	24.0	<10	<2					
2315010	Core Pulp	<0.1	0.13	0.03	29.0	1.6	<0.05	3.0	9.16	32.5	0.06	42	0.6	7.7	48	<2					
2315011	Drill Core	0.3	0.09	0.38	46.4	0.5	<0.05	1.1	5.31	24.1	0.02	2	0.4	32.3	<10	<2					
2315012	Drill Core	<0.1	0.10	<0.02	6.3	1.2	<0.05	2.5	15.69	42.9	0.18	23	0.7	17.6	<10	<2					
2315013	Drill Core	0.1	0.05	0.03	6.6	1.6	<0.05	2.1	13.68	38.0	0.08	30	0.3	20.3	<10	3					
2315014	Drill Core	<0.1	0.10	<0.02	7.1	1.2	<0.05	2.1	12.50	34.4	0.13	36	<0.1	20.6	13	<2	58.10	15.76	5.41	2.88	7.43
2315015	Drill Core	0.1	0.08	0.02	8.8	1.4	<0.05	2.3	15.50	33.6	0.11	14	0.3	23.6	<10	<2					
2315016	Drill Core	0.1	0.07	0.05	13.3	1.2	<0.05	1.9	12.84	29.3	0.07	23	0.2	19.6	<10	<2					
2315017	Drill Core	<0.1	0.07	0.03	10.1	1.0	<0.05	1.6	10.67	28.1	0.07	13	0.4	15.8	<10	<2					
2315018	Drill Core	<0.1	0.07	0.05	13.1	1.1	<0.05	2.1	9.92	26.2	0.04	7	0.5	16.0	<10	<2					
2315019	Drill Core	0.2	0.10	0.03	6.6	1.5	<0.05	2.1	10.75	30.2	0.10	22	0.4	20.5	11	<2					
2315020	Drill Core	<0.1	0.10	0.03	7.5	1.6	<0.05	2.3	12.05	31.0	0.06	4	0.7	26.1	<10	<2					
2315021	Drill Core	0.2	0.07	0.06	6.3	1.0	<0.05	2.1	6.62	22.4	0.06	4	0.3	17.1	<10	<2	59.34	16.45	5.39	3.65	6.36
2315022	Drill Core	0.1	0.11	0.08	5.9	1.2	<0.05	2.1	7.27	23.9	0.04	1	0.3	18.8	<10	<2					
2315023	Drill Core	<0.1	0.07	0.07	3.8	1.3	<0.05	2.2	6.59	20.7	0.02	21	0.2	19.2	<10	<2					
2315024	Drill Core	0.1	0.09	0.07	5.9	0.8	<0.05	1.7	6.45	21.3	0.04	12	0.7	16.6	<10	<2					
2315025	Drill Core	0.1	0.10	0.11	10.4	1.2	<0.05	2.0	7.39	23.3	0.03	62	0.1	16.5	<10	<2					
2315026	Drill Core	0.2	0.09	0.10	5.5	0.9	<0.05	1.9	8.86	25.8	0.07	31	0.2	18.9	<10	<2					
2315027	Drill Core	0.2	0.09	0.04	6.4	1.3	<0.05	1.8	11.55	32.8	0.07	43	0.8	25.7	11	<2					
2315028	Drill Core	<0.1	0.13	0.07	8.2	1.4	<0.05	1.9	9.15	26.0	0.06	11	0.4	18.1	<10	<2					
2315029	Drill Core	<0.1	0.06	0.40	41.5	0.4	<0.05	0.8	3.81	16.9	<0.02	<1	0.1	30.3	<10	<2					
2315030	Core Pulp	0.1	0.16	0.04	5.2	0.4	<0.05	4.6	6.58	9.2	0.03	2	0.1	13.1	<10	<2					

CERTIFICATE OF ANALYSIS

WHI13000204.3

	Method	Analyte	Unit	MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B		
					Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
					%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
					0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	0.1	1
2315001	Drill Core																							
2315002	Drill Core																							
2315003	Drill Core																							
2315004	Drill Core																							
2315005	Drill Core																							
2315006	Drill Core																							
2315007	Drill Core																							
2315008	Drill Core																							
2315009	Drill Core																							
2315010	Core Pulp																							
2315011	Drill Core																							
2315012	Drill Core																							
2315013	Drill Core																							
2315014	Drill Core	3.15	0.95	0.76	0.22	0.09	0.004	<20	18	5.0	99.76	570	<1	8.9	9.5	17.0	3.3	5.3	29.6	4	476.1			
2315015	Drill Core																							
2315016	Drill Core																							
2315017	Drill Core																							
2315018	Drill Core																							
2315019	Drill Core																							
2315020	Drill Core																							
2315021	Drill Core	3.80	0.91	0.82	0.23	0.07	0.003	<20	19	2.7	99.73	648	<1	9.3	5.6	18.3	3.2	5.8	27.9	2	632.6			
2315022	Drill Core																							
2315023	Drill Core																							
2315024	Drill Core																							
2315025	Drill Core																							
2315026	Drill Core																							
2315027	Drill Core																							
2315028	Drill Core																							
2315029	Drill Core																							
2315030	Core Pulp																							

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Project: 210800

Report Date: November 04, 2013

Page: 2 of 3

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000204.3

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315001	Drill Core																			
2315002	Drill Core																			
2315003	Drill Core																			
2315004	Drill Core																			
2315005	Drill Core																			
2315006	Drill Core																			
2315007	Drill Core																			
2315008	Drill Core																			
2315009	Drill Core																			
2315010	Core Pulp																			
2315011	Drill Core																			
2315012	Drill Core																			
2315013	Drill Core																			
2315014	Drill Core	0.4	7.1	3.2	152	1.1	99.3	16.5	20.8	41.1	5.24	19.4	3.87	1.12	3.78	0.62	3.07	0.60	1.69	0.24
2315015	Drill Core																			
2315016	Drill Core																			
2315017	Drill Core																			
2315018	Drill Core																			
2315019	Drill Core																			
2315020	Drill Core																			
2315021	Drill Core	0.3	8.1	3.4	174	0.8	107.2	15.2	20.8	41.9	5.27	20.4	4.37	1.17	3.94	0.61	3.19	0.62	1.64	0.24
2315022	Drill Core																			
2315023	Drill Core																			
2315024	Drill Core																			
2315025	Drill Core																			
2315026	Drill Core																			
2315027	Drill Core																			
2315028	Drill Core																			
2315029	Drill Core																			
2315030	Core Pulp																			

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Report Date: November 04, 2013

Page: 2 of 3

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000204.3

	Method Analyte Unit MDL	4A-4B 2A Leco 2A Leco			1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1
2315001	Drill Core																
2315002	Drill Core																
2315003	Drill Core																
2315004	Drill Core																
2315005	Drill Core																
2315006	Drill Core																
2315007	Drill Core																
2315008	Drill Core																
2315009	Drill Core																
2315010	Core Pulp																
2315011	Drill Core																
2315012	Drill Core																
2315013	Drill Core																
2315014	Drill Core	0.24	0.86	0.23	22.6	242.2	5.1	67	3.6	16.6	0.4	0.7	0.4	0.6	87.7	<0.01	<0.1
2315015	Drill Core																
2315016	Drill Core																
2315017	Drill Core																
2315018	Drill Core																
2315019	Drill Core																
2315020	Drill Core																
2315021	Drill Core	0.26	0.26	0.08	7.6	146.6	5.0	46	2.2	9.4	0.2	0.5	0.2	0.3	108.3	<0.01	<0.1
2315022	Drill Core																
2315023	Drill Core																
2315024	Drill Core																
2315025	Drill Core																
2315026	Drill Core																
2315027	Drill Core																
2315028	Drill Core																
2315029	Drill Core																
2315030	Core Pulp																

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Report Date: November 04, 2013

Page: 3 of 3

Part: 1 of 6

CERTIFICATE OF ANALYSIS

WHI13000204.3

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315031	Drill Core	2.53	0.269	14.91	118.72	7.41	39.3	258	2.9	6.3	288	1.89	4.9	2.1	294.3	6.6	75.5	0.16	0.46	0.13
2315032	Drill Core	4.19	0.345	26.19	196.10	5.91	57.5	441	2.5	8.6	310	2.01	11.5	1.1	233.9	4.0	59.5	0.36	0.44	0.36

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Project: 210800

Report Date: November 04, 2013

Page: 3 of 3

Part: 2 of 6

CERTIFICATE OF ANALYSIS

WHI13000204.3

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315031	Drill Core	1.60	0.109	17.2	10.8	1.15	163.7	0.160	<20	1.59	0.178	0.21	0.2	6.1	0.11	0.09	<5	<0.1	0.04	6.3	3.59
2315032	Drill Core	1.82	0.121	11.7	11.2	1.42	63.0	0.118	<20	1.63	0.121	0.09	0.2	6.9	0.04	0.08	<5	0.3	0.10	6.5	3.07

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Project: 210800

Report Date: November 04, 2013

Page: 3 of 3

Part: 3 of 6

CERTIFICATE OF ANALYSIS

WHI13000204.3

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315031	Drill Core	0.1	0.12	0.18	13.8	1.3	<0.05	1.7	8.10	33.1	0.02	13	0.2	19.5	<10	<2					
2315032	Drill Core	0.2	0.07	0.07	5.1	1.2	<0.05	1.5	9.34	26.1	0.04	61	0.2	16.8	<10	<2					

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Project: 210800

Report Date: November 04, 2013

Page: 3 of 3

Part: 4 of 6

CERTIFICATE OF ANALYSIS

WHI13000204.3

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
	Unit	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315031	Drill Core																				
2315032	Drill Core																				

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Report Date: November 04, 2013

Page: 3 of 3

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000204.3

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01	0.05
2315031	Drill Core																				
2315032	Drill Core																				

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Report Date: November 04, 2013

Page: 3 of 3

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000204.3

	Method Analyte Unit MDL	4A-4B 2A Leco 2A Leco			1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1
2315031	Drill Core																
2315032	Drill Core																

QUALITY CONTROL REPORT

WHI13000204.3

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
Pulp Duplicates																					
2315015	Drill Core	4.57	0.139	11.57	184.23	5.75	68.9	376	2.9	10.1	544	2.88	8.8	2.0	144.7	6.4	199.1	0.56	0.64	0.24	103
REP 2315015	QC			11.45	181.76	5.66	70.3	444	2.3	9.5	516	2.88	9.7	2.0	151.7	6.3	195.8	0.54	0.66	0.25	103
Core Reject Duplicates																					
2315003	Drill Core	3.43	0.292	103.29	76.65	31.13	351.2	921	4.2	6.8	402	1.80	38.8	2.1	346.8	7.2	114.1	4.30	1.49	1.07	50
DUP 2315003	Drill Core		0.292	102.72	79.05	35.42	357.2	860	4.5	7.6	391	1.71	37.6	2.3	207.3	7.3	123.0	3.98	1.74	1.08	50
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard			11.91	108.98	140.21	333.9	1773	42.6	7.7	573	2.33	24.5	2.8	112.3	6.2	70.3	2.49	4.50	6.67	37
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard			1.18	645.97	13.30	26.7	261	354.4	46.4	366	22.92	8.4	1.6	53.5	9.2	3.3	0.02	0.27	0.29	285
STD OREAS45EA	Standard																				
STD OXC109	Standard		0.196																		
STD OXI96	Standard		1.718																		
STD OXL93	Standard		5.712																		
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OXC109 Expected			0.201																		
STD OXI96 Expected			1.802																		
STD OXL93 Expected			5.841																		
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40
STD DS10 Expected																					
STD OREAS45EA Expected				1.39	709	14.3	28.9	260	381	52	400	23.51	9.1	1.73	53	10.7	3.5	0.02	0.2	0.26	303
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected																					
BLK	Blank		0.006																		
BLK	Blank		0.007																		

QUALITY CONTROL REPORT

WHI13000204.3

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																					
2315015	Drill Core	4.42	0.095	16.1	15.6	1.54	241.6	0.053	<20	2.09	0.115	0.13	<0.1	10.9	0.07	0.10	<5	0.2	0.04	7.0	7.33
REP 2315015	QC	4.39	0.092	16.2	15.7	1.53	240.6	0.054	<20	2.09	0.117	0.14	<0.1	11.2	0.06	0.10	<5	<0.1	<0.02	7.1	7.24
Core Reject Duplicates																					
2315003	Drill Core	2.32	0.089	19.2	13.5	0.82	79.4	<0.001	<20	0.93	0.005	0.24	0.1	7.1	0.16	0.26	19	0.6	0.40	2.5	5.98
DUP 2315003	Drill Core	2.37	0.086	19.0	13.3	0.82	195.3	<0.001	<20	0.69	0.003	0.17	<0.1	7.0	0.12	0.25	9	0.5	0.39	1.7	6.44
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard	0.69	0.081	12.3	120.5	0.61	334.6	0.101	<20	0.91	0.079	0.40	2.8	2.5	5.46	0.16	242	5.2	4.94	4.2	2.39
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	0.04	0.026	6.1	747.6	0.08	139.4	0.076	<20	2.88	0.015	0.05	<0.1	66.5	<0.02	0.04	<5	0.4	0.04	10.3	0.57
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS9 Expected		0.7201	0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37
STD DS10 Expected																					
STD OREAS45EA Expected		0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053		78	0.072	0.036	10	0.63	0.07	11.7	0.63
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected																					
BLK	Blank																				
BLK	Blank																				

QUALITY CONTROL REPORT

WHI13000204.3

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
Pulp Duplicates																					
2315015	Drill Core	0.1	0.08	0.02	8.8	1.4	<0.05	2.3	15.50	33.6	0.11	14	0.3	23.6	<10	<2					
REP 2315015	QC	<0.1	0.07	0.03	8.2	1.5	<0.05	2.5	15.53	36.8	0.11	20	0.4	25.6	<10	<2					
Core Reject Duplicates																					
2315003	Drill Core	<0.1	0.03	<0.02	12.3	0.7	<0.05	1.6	12.76	39.7	0.05	127	0.7	4.8	<10	<2					
DUP 2315003	Drill Core	<0.1	0.04	<0.02	9.0	0.6	<0.05	1.7	12.37	40.0	0.07	138	0.8	3.8	14	<2					
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard	<0.1	0.07	0.87	34.8	6.7	<0.05	1.7	5.31	23.1	2.20	77	4.1	26.5	114	396					
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	0.2	0.58	0.06	6.4	0.9	<0.05	18.2	4.47	15.5	0.08	1	0.3	2.3	53	89					
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard																58.24	14.12	7.64	3.37	6.30
STD SO-18	Standard																58.05	14.05	7.78	3.40	6.27
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS9 Expected		0.1	0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350					
STD DS10 Expected																					
STD OREAS45EA Expected		0.26	0.57	0.06	7.04	0.83		20	5.09	17.7	0.08		0.41	2.37	66	108					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected																	58.47	14.23	7.67	3.35	6.42
BLK	Blank																				
BLK	Blank																				

QUALITY CONTROL REPORT

WHI13000204.3

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
Pulp Duplicates																					
2315015	Drill Core																				
REP 2315015	QC																				
Core Reject Duplicates																					
2315003	Drill Core																				
DUP 2315003	Drill Core																				
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard	3.64	2.13	0.69	0.79	0.40	0.542	41	24	1.9	99.76	482	<1	24.1	6.9	16.6	8.0	18.1	25.9	12	387.4
STD SO-18	Standard	3.70	2.17	0.69	0.81	0.40	0.543	37	24	1.9	99.76	477	1	24.4	6.1	16.2	8.7	18.4	26.5	15	390.8
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS9 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected		3.71	2.17	0.69	0.83	0.39	0.55	44	25			514		26.2	7.1	17.6	9.8	21.3	28.7	15	407.4
BLK	Blank																				
BLK	Blank																				

QUALITY CONTROL REPORT

WHI13000204.3

Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	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	0.01	0.05	0.02	0.03	0.01	0.05
Pulp Duplicates																				
2315015 Drill Core																				
REP 2315015 QC																				
Core Reject Duplicates																				
2315003 Drill Core																				
DUP 2315003 Drill Core																				
Reference Materials																				
STD DS10 Standard																				
STD DS9 Standard																				
STD GS311-1 Standard																				
STD GS910-4 Standard																				
STD OREAS45EA Standard																				
STD OREAS45EA Standard																				
STD OXC109 Standard																				
STD OXI96 Standard																				
STD OXL93 Standard																				
STD SO-18 Standard	5.8	9.2	14.9	195	12.9	264.3	28.4	12.0	25.9	3.14	12.3	2.69	0.79	2.70	0.45	2.92	0.56	1.79	0.24	1.53
STD SO-18 Standard	6.5	9.7	15.6	199	13.9	264.9	27.8	11.6	24.5	3.12	12.6	2.59	0.81	2.81	0.44	2.61	0.62	1.62	0.25	1.71
STD OXC109 Expected																				
STD OXI96 Expected																				
STD OXL93 Expected																				
STD DS9 Expected																				
STD DS10 Expected																				
STD OREAS45EA Expected																				
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD SO-18 Expected	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93	0.53	3	0.62	1.84	0.27	1.79
BLK Blank																				
BLK Blank																				

QUALITY CONTROL REPORT

WHI13000204.3

	Method Analyte Unit MDL	4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.01	0.1
Pulp Duplicates																		
2315015	Drill Core																	
REP 2315015	QC																	
Core Reject Duplicates																		
2315003	Drill Core																	
DUP 2315003	Drill Core																	
Reference Materials																		
STD DS10	Standard				15.2	152.4	170.1	368	81.8	41.6	2.3	6.4	11.0	2.4	101.6	0.31	5.4	3.0
STD DS9	Standard																	
STD GS311-1	Standard		0.99	2.28														
STD GS910-4	Standard		2.63	8.42														
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard				1.5	706.7	14.4	31	392.7	8.6	<0.1	0.1	0.2	0.3	61.9	0.01	<0.1	0.8
STD OXC109	Standard																	
STD OXI96	Standard																	
STD OXL93	Standard																	
STD SO-18	Standard	0.26																
STD SO-18	Standard	0.26																
STD OXC109 Expected																		
STD OXI96 Expected																		
STD OXL93 Expected																		
STD DS9 Expected																		
STD DS10 Expected					14.69	154.61	150.55	352.9	74.6	43.7	2.48	9.51	11.65	1.96	91.9	0.289	4.79	2.3
STD OREAS45EA Expected					1.39	709	14.3	28.9	381	9.1	0.02	0.2	0.26	0.26	53		0.072	0.6
STD GS311-1 Expected			1.02	2.35														
STD GS910-4 Expected			2.65	8.27														
STD SO-18 Expected		0.27																
BLK	Blank																	
BLK	Blank																	

QUALITY CONTROL REPORT

WHI13000204.3

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.1	<0.1	0.2	<0.1	<0.5	<0.01	<0.02	<0.02	3
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank		0.018	0.13	4.08	18.98	43.7	606	3.2	4.3	589	2.28	1.0	1.6	1.6	5.5	72.9	0.06	0.61	0.11	36
G1-WHI	Prep Blank		0.012	0.11	4.17	32.65	43.4	1013	2.1	3.8	539	1.76	1.0	2.1	2.2	5.6	45.8	0.03	1.64	0.12	30

QUALITY CONTROL REPORT

WHI13000204.3

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank	0.63	0.075	12.4	9.4	0.58	197.7	0.123	<20	1.09	0.133	0.56	<0.1	2.6	0.33	<0.02	<5	<0.1	<0.02	5.1	3.49
G1-WHI	Prep Blank	0.38	0.077	8.2	6.7	0.49	173.9	0.099	<20	0.77	0.048	0.46	<0.1	2.2	0.31	<0.02	<5	<0.1	0.02	4.1	3.61

QUALITY CONTROL REPORT

WHI13000204.3

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																<0.01	<0.01	<0.04	<0.01	<0.01
Prep Wash																					
G1-WHI	Prep Blank	0.1	0.08	0.33	48.0	0.6	<0.05	1.2	5.50	24.7	<0.02	2	0.3	35.2	<10	<2					
G1-WHI	Prep Blank	<0.1	0.03	0.36	45.0	0.5	<0.05	0.7	4.01	16.3	<0.02	5	0.1	32.0	<10	<2					

QUALITY CONTROL REPORT

WHI13000204.3

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1
Prep Wash																				
G1-WHI	Prep Blank																			
G1-WHI	Prep Blank																			

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800
Report Date: November 04, 2013

Page: 2 of 2

Part: 5 of 6

QUALITY CONTROL REPORT

WHI13000204.3

		4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05	4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05	4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<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	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05
Prep Wash																					
G1-WHI	Prep Blank																				
G1-WHI	Prep Blank																				

QUALITY CONTROL REPORT

WHI13000204.3

		4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
BLK	Blank																	
BLK	Blank	<0.1 0.1 <0.1 <1 <0.1 <0.5 <0.1 <0.1 <0.1 <0.1 <0.5 <0.01 <0.1 <0.5																
BLK	Blank	<0.02 <0.02																
BLK	Blank	<0.01																
Prep Wash																		
G1-WHI	Prep Blank																	
G1-WHI	Prep Blank																	

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Whitehorse
Received: July 30, 2013
Report Date: November 04, 2013
Page: 1 of 5

CERTIFICATE OF ANALYSIS

WHI13000212.2

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_006
P.O. Number
Number of Samples: 107

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	102	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
G601	107	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
1F04	107	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
4AB1	5	Whole Rock Analysis Majors and Trace Elements	0.2	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 4AB1 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. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
2315033	Drill Core	7.47	0.312	13.18	452.97	7.43	47.7	716	2.4	11.4	334	2.94	19.5	1.1	293.9	4.1	79.8	0.33	0.57	0.31	106
2315034	Drill Core	5.14	0.384	13.14	408.16	5.14	60.8	653	2.7	9.3	339	2.54	10.6	1.2	404.0	4.0	72.2	0.51	0.39	0.27	104
2315035	Drill Core	5.41	0.221	18.28	227.77	5.83	45.7	374	2.4	5.5	259	1.71	8.6	1.4	211.7	4.5	78.2	0.42	0.33	0.21	79
2315036	Drill Core	6.39	0.172	8.37	417.59	4.76	80.7	775	3.0	7.5	284	2.09	13.0	1.0	237.1	3.7	70.1	0.71	0.51	0.26	77
2315037	Drill Core	6.10	0.193	16.64	335.34	5.30	58.2	743	2.4	11.1	374	2.58	16.2	1.0	485.4	3.5	85.6	0.33	0.75	1.48	108
2315038	Drill Core	5.33	0.192	14.07	335.35	4.05	60.3	605	2.9	10.3	351	2.39	14.3	0.9	210.5	3.6	86.2	0.41	0.60	1.37	98
2315039	Drill Core	6.68	0.171	19.74	116.60	7.01	58.0	255	2.8	9.1	517	2.84	23.5	1.0	148.6	3.5	93.2	0.26	0.61	0.88	117
2315040	Drill Core	6.84	0.174	6.91	229.20	10.50	52.6	423	1.8	6.8	302	2.14	19.7	0.9	135.5	3.6	74.3	0.44	0.66	0.66	82
2315041	Drill Core	2.30	0.115	9.67	131.59	18.01	60.4	339	3.1	9.6	453	3.07	38.0	0.8	146.4	3.4	67.6	0.23	0.93	1.29	104
2315042	Drill Core	2.29	0.126	11.62	139.57	13.33	51.2	253	3.3	10.0	439	2.81	28.0	0.8	85.0	3.5	72.3	0.22	0.56	0.81	107
2315043	Drill Core	5.33	0.207	10.24	336.45	10.82	69.6	711	2.5	10.3	529	3.33	22.9	0.8	177.3	3.6	80.7	0.48	0.46	0.70	124
2315044	Drill Core	4.14	0.197	7.75	334.61	8.09	58.4	770	2.7	9.2	343	2.36	20.9	0.9	176.2	3.6	84.5	0.46	0.45	0.57	92
2315045	Drill Core	5.64	0.323	26.91	287.45	5.98	53.8	713	2.2	7.3	277	1.76	16.1	1.0	288.6	3.8	82.1	0.50	0.37	0.40	65
2315046	Drill Core	3.40	0.470	8.73	269.36	7.05	36.7	606	2.1	6.5	245	1.68	19.7	1.2	530.9	4.2	69.6	0.40	0.76	0.40	70
2315047	Drill Core	5.71	0.173	8.55	94.23	8.04	40.8	216	4.8	5.8	233	1.49	10.8	4.9	135.2	13.2	67.9	0.37	0.62	0.33	56
2315048	Drill Core	4.01	0.117	4.29	43.82	19.07	98.5	364	3.1	4.2	470	1.75	14.5	3.6	150.8	13.3	76.8	0.85	0.13	0.92	32
2315049	Drill Core	3.85	0.240	2.41	34.21	152.26	1345.1	1062	1.3	2.0	286	1.11	32.2	3.6	327.6	13.1	43.4	17.17	0.21	1.35	5
2315050	Rock Pulp	0.06	4.462	11.19	35.70	8.84	60.9	679	31.6	5.0	344	1.70	382.2	2.0	65.2	1.7	39.9	0.64	27.41	0.24	40
2315051	Rock	1.26	0.009	0.07	4.01	3.82	49.8	11	3.8	3.5	566	2.05	<0.1	1.8	<0.2	5.5	61.3	0.04	<0.02	0.06	36
2315052	Drill Core	5.19	0.100	5.85	3.15	6.90	13.2	117	0.7	1.3	36	0.33	13.3	1.8	145.4	7.8	7.1	0.12	0.23	0.10	<2
2315053	Drill Core	3.74	0.033	3.46	9.47	34.10	607.3	427	1.4	1.2	238	0.79	18.4	2.6	47.3	7.5	47.8	7.55	0.16	0.54	5
2315054	Drill Core	5.80	0.201	20.67	206.84	8.23	90.7	683	4.2	5.8	444	1.90	9.5	1.3	151.6	5.1	126.5	0.69	0.58	0.31	87
2315055	Drill Core	4.21	0.144	8.65	65.75	5.87	45.9	299	3.9	5.4	357	1.80	6.8	1.3	161.9	5.3	92.3	0.19	0.51	0.17	86
2315056	Drill Core	6.40	0.517	8.48	450.43	5.85	59.8	929	4.2	6.2	288	1.64	6.7	1.1	446.8	4.5	117.2	0.59	0.69	0.32	88
2315057	Drill Core	5.80	1.115	11.07	803.17	5.38	70.8	1231	5.3	8.4	299	2.06	7.8	1.2	1076.0	5.3	126.1	0.67	1.14	0.61	103
2315058	Drill Core	7.85	0.864	18.05	226.25	32.01	282.2	1360	4.7	5.9	399	2.41	49.7	1.2	746.5	4.0	128.3	3.43	2.80	1.30	85
2315059	Drill Core	6.26	0.165	11.67	84.66	39.57	269.3	1070	2.2	2.7	254	1.49	54.8	1.6	68.9	5.1	45.6	3.43	0.58	1.39	14
2315060	Drill Core	7.55	0.236	10.86	241.80	72.10	371.6	3662	2.3	7.5	362	3.22	171.3	1.8	191.5	5.6	60.2	4.77	3.03	6.33	13
2315061	Drill Core	3.51	0.073	21.78	48.46	34.33	219.6	559	4.2	3.2	607	2.24	13.9	1.8	53.9	6.3	92.3	2.38	0.20	0.69	48
2315062	Drill Core	3.08	0.057	25.81	56.04	41.29	289.9	681	4.4	3.2	676	2.31	13.8	1.6	53.8	6.4	90.9	2.99	0.16	0.71	54

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method	Analyte	Unit	MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F			
					Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
					%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
					0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315033	Drill Core	1.69	0.128	9.9	11.9	1.19	107.0	0.189	<20	2.03	0.209	0.13	0.1	4.8	0.03	0.25	<5	0.5	0.03	8.0	2.48			
2315034	Drill Core	2.13	0.119	9.6	10.9	1.31	54.2	0.133	<20	1.81	0.154	0.11	0.2	6.6	0.03	0.15	14	0.2	0.07	7.6	2.99			
2315035	Drill Core	1.97	0.116	10.0	8.6	1.03	52.2	0.101	<20	1.53	0.184	0.09	0.2	6.2	0.03	0.07	9	0.2	0.03	6.2	2.28			
2315036	Drill Core	1.62	0.117	9.9	8.2	0.95	49.4	0.119	<20	1.59	0.153	0.09	0.2	4.4	0.03	0.18	<5	0.2	0.03	6.8	2.14			
2315037	Drill Core	1.66	0.122	9.1	11.0	1.63	69.5	0.176	<20	2.22	0.153	0.09	0.2	4.7	<0.02	0.20	<5	0.5	0.64	8.4	2.21			
2315038	Drill Core	1.59	0.121	10.8	9.9	1.29	56.4	0.161	<20	2.17	0.203	0.10	0.2	4.6	0.03	0.14	13	0.4	0.62	7.7	2.04			
2315039	Drill Core	2.21	0.125	10.3	13.0	1.69	38.8	0.115	<20	2.23	0.132	0.08	0.4	8.6	<0.02	0.25	<5	0.7	0.16	8.4	2.73			
2315040	Drill Core	1.42	0.106	9.1	8.2	1.16	51.9	0.135	<20	1.69	0.143	0.09	0.1	4.5	0.03	0.35	<5	0.4	0.05	6.7	2.21			
2315041	Drill Core	1.51	0.119	11.4	11.3	1.53	44.7	0.112	<20	1.95	0.134	0.09	0.3	6.7	<0.02	0.83	<5	1.4	0.26	8.2	2.62			
2315042	Drill Core	1.62	0.119	11.2	11.7	1.51	53.0	0.114	<20	1.98	0.171	0.10	0.2	6.5	0.03	0.62	9	0.8	0.15	8.2	2.71			
2315043	Drill Core	2.26	0.124	12.7	13.4	2.01	56.7	0.085	<20	2.50	0.103	0.13	0.3	8.5	0.03	0.51	<5	0.9	0.08	9.1	4.38			
2315044	Drill Core	1.42	0.121	9.1	9.4	1.39	52.2	0.159	<20	2.01	0.223	0.10	0.1	4.5	0.03	0.33	7	0.8	0.15	7.5	2.28			
2315045	Drill Core	1.22	0.120	9.4	7.4	1.10	53.6	0.109	<20	1.59	0.187	0.07	0.2	3.3	0.03	0.19	<5	0.5	0.08	6.1	2.29			
2315046	Drill Core	1.10	0.124	9.1	7.3	1.07	47.1	0.132	<20	1.55	0.175	0.08	0.2	3.0	0.03	0.26	<5	0.4	0.13	5.9	2.87			
2315047	Drill Core	1.26	0.071	6.8	16.3	1.09	99.3	0.095	<20	1.41	0.138	0.12	0.3	3.6	0.05	0.12	<5	<0.1	0.05	5.6	3.62			
2315048	Drill Core	2.00	0.069	9.6	13.0	1.05	43.1	<0.001	<20	1.59	0.069	0.11	<0.1	4.0	0.08	0.12	8	<0.1	0.31	5.1	6.02			
2315049	Drill Core	2.45	0.088	3.7	5.6	0.12	76.9	0.001	<20	0.55	0.015	0.21	<0.1	0.8	0.19	0.42	24	0.9	0.11	1.5	1.15			
2315050	Rock Pulp	9.54	0.045	4.3	23.6	4.28	49.8	0.001	<20	0.25	0.007	0.13	23.9	3.1	0.82	1.38	4470	0.9	0.05	0.7	0.52			
2315051	Rock	0.50	0.073	13.0	7.3	0.49	166.2	0.120	<20	0.98	0.108	0.48	<0.1	2.3	0.31	<0.02	<5	<0.1	<0.02	4.6	3.11			
2315052	Drill Core	0.48	0.095	2.7	9.3	0.02	3.1	0.003	72	0.07	0.009	<0.01	<0.1	0.4	<0.02	0.16	8	<0.1	0.05	0.3	0.06			
2315053	Drill Core	2.59	0.117	4.5	6.0	0.19	50.1	0.002	57	0.58	0.017	0.12	<0.1	1.1	0.10	0.29	65	0.2	0.03	1.4	1.53			
2315054	Drill Core	2.72	0.084	8.7	28.0	1.20	71.3	0.057	<20	2.02	0.214	0.04	<0.1	9.3	<0.02	0.13	<5	<0.1	0.05	6.8	2.27			
2315055	Drill Core	1.84	0.086	8.7	32.8	1.63	54.5	0.116	<20	1.83	0.139	0.04	0.1	9.3	<0.02	0.06	<5	<0.1	0.03	8.1	2.70			
2315056	Drill Core	1.49	0.092	9.7	25.7	1.37	80.5	0.203	<20	2.12	0.276	0.11	0.2	4.9	0.03	0.09	6	<0.1	0.09	8.6	3.16			
2315057	Drill Core	1.58	0.090	8.9	29.4	1.56	93.8	0.212	<20	2.13	0.218	0.14	0.2	6.9	0.04	0.14	6	0.1	0.16	8.1	2.61			
2315058	Drill Core	2.38	0.090	9.3	25.9	1.27	48.7	0.055	<20	2.14	0.190	0.15	<0.1	7.2	0.06	0.57	29	1.2	0.20	6.4	2.98			
2315059	Drill Core	2.17	0.091	8.3	8.6	0.27	38.7	0.002	151	0.70	0.026	0.13	<0.1	1.9	0.10	0.54	6	0.9	0.08	1.9	1.24			
2315060	Drill Core	2.47	0.070	4.9	6.3	0.40	46.1	0.001	40	0.93	0.018	0.15	<0.1	1.5	0.12	2.16	16	5.0	1.13	2.5	1.29			
2315061	Drill Core	2.39	0.087	9.7	20.2	1.17	47.3	0.003	<20	2.05	0.105	0.14	<0.1	4.8	0.11	0.11	14	0.2	0.05	5.4	5.94			
2315062	Drill Core	2.33	0.092	10.9	19.5	1.24	41.9	0.003	<20	1.98	0.089	0.11	<0.1	5.4	0.09	0.14	<5	<0.1	0.06	5.7	5.86			

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315033	Drill Core	0.2	0.05	0.05	4.9	1.0	<0.05	1.4	6.88	22.1	0.08	21	0.5	13.2	<10	<2					
2315034	Drill Core	0.2	0.09	0.03	4.2	1.4	<0.05	1.9	8.59	22.2	0.08	22	0.4	18.4	<10	<2					
2315035	Drill Core	0.2	0.08	0.03	3.3	1.7	<0.05	1.8	7.91	23.3	0.06	15	0.1	12.0	12	<2					
2315036	Drill Core	0.3	0.07	0.05	3.2	1.4	<0.05	1.7	6.40	22.2	0.08	9	0.3	13.6	<10	2					
2315037	Drill Core	0.1	0.06	0.07	3.6	0.8	<0.05	1.4	6.36	19.1	0.07	27	0.2	19.3	<10	<2					
2315038	Drill Core	0.3	0.05	0.06	4.2	1.0	<0.05	1.5	6.59	22.9	0.04	10	0.3	16.9	<10	<2					
2315039	Drill Core	0.1	0.05	0.03	2.9	2.5	<0.05	1.6	9.30	21.9	0.05	15	0.4	22.0	<10	<2					
2315040	Drill Core	0.2	0.07	0.10	3.4	1.0	<0.05	1.3	5.99	19.5	0.06	12	0.3	14.1	<10	<2					
2315041	Drill Core	0.1	0.11	0.08	3.3	1.2	<0.05	1.6	7.47	23.8	0.04	8	0.4	17.4	16	<2					
2315042	Drill Core	0.2	0.07	0.06	4.4	1.1	<0.05	1.4	7.95	23.2	0.06	16	0.3	17.0	13	<2					
2315043	Drill Core	<0.1	0.06	0.03	5.8	1.3	<0.05	1.8	11.21	27.8	0.05	14	0.4	23.5	<10	2					
2315044	Drill Core	0.2	0.10	0.04	3.8	1.3	<0.05	1.3	6.02	19.7	0.06	3	0.3	17.8	<10	<2					
2315045	Drill Core	0.2	0.06	0.06	3.3	1.2	<0.05	1.3	5.61	20.7	0.03	41	<0.1	15.0	36	<2					
2315046	Drill Core	<0.1	0.04	0.09	3.4	0.8	<0.05	1.3	5.30	19.3	0.07	11	<0.1	14.4	<10	3					
2315047	Drill Core	<0.1	0.09	0.15	5.9	0.7	<0.05	2.0	6.29	14.2	<0.02	9	0.5	16.2	<10	<2					
2315048	Drill Core	<0.1	0.02	<0.02	5.6	2.9	<0.05	0.8	11.59	22.7	0.04	8	0.7	9.5	<10	<2					
2315049	Drill Core	<0.1	0.05	<0.02	9.8	0.6	<0.05	2.6	8.74	8.0	0.21	3	0.3	3.0	<10	<2	68.28	14.55	2.60	2.06	3.96
2315050	Rock Pulp	<0.1	0.02	<0.02	3.9	0.9	<0.05	1.1	8.08	8.3	0.03	12	0.3	3.4	<10	<2					
2315051	Rock	<0.1	0.10	0.34	41.5	0.5	<0.05	1.1	5.62	25.9	<0.02	<1	0.4	30.1	<10	2					
2315052	Drill Core	0.1	0.15	<0.02	0.1	0.1	<0.05	4.2	3.04	6.1	<0.02	<1	0.1	0.3	<10	<2					
2315053	Drill Core	<0.1	0.06	<0.02	4.8	0.5	<0.05	2.7	7.60	10.1	0.07	3	0.2	3.9	<10	3					
2315054	Drill Core	0.1	0.12	0.04	1.6	2.1	<0.05	2.8	10.51	21.7	0.11	18	0.4	14.7	<10	<2	61.39	15.39	3.67	2.83	7.69
2315055	Drill Core	0.4	0.23	0.08	2.0	1.4	<0.05	4.6	8.98	20.6	0.10	<1	0.3	23.6	<10	<2					
2315056	Drill Core	0.3	0.09	0.08	4.4	1.3	<0.05	3.3	6.56	19.9	0.07	5	0.2	18.3	<10	3					
2315057	Drill Core	0.5	0.14	0.11	5.6	1.2	<0.05	3.4	7.01	19.5	0.06	20	0.2	22.6	<10	<2	63.43	15.39	3.81	3.28	5.58
2315058	Drill Core	<0.1	0.18	0.05	5.7	1.5	<0.05	4.5	11.57	22.1	0.08	52	0.6	20.2	<10	<2					
2315059	Drill Core	<0.1	0.06	<0.02	5.1	1.1	<0.05	3.2	8.32	18.4	0.05	26	0.7	6.2	<10	<2					
2315060	Drill Core	<0.1	0.08	0.03	6.0	1.0	<0.05	2.7	7.88	10.9	0.14	36	0.5	9.8	<10	4					
2315061	Drill Core	<0.1	0.03	<0.02	5.7	2.1	<0.05	1.5	11.69	22.5	0.08	41	0.5	13.7	13	3					
2315062	Drill Core	<0.1	0.03	0.03	4.6	1.7	<0.05	1.3	11.55	26.2	0.07	44	0.4	12.0	<10	<2					

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315033	Drill Core																				
2315034	Drill Core																				
2315035	Drill Core																				
2315036	Drill Core																				
2315037	Drill Core																				
2315038	Drill Core																				
2315039	Drill Core																				
2315040	Drill Core																				
2315041	Drill Core																				
2315042	Drill Core																				
2315043	Drill Core																				
2315044	Drill Core																				
2315045	Drill Core																				
2315046	Drill Core																				
2315047	Drill Core																				
2315048	Drill Core																				
2315049	Drill Core	0.41	2.28	0.46	0.20	0.04	0.003	<20	11	4.8	99.66	560	<1	1.7	2.3	16.6	3.5	5.3	87.0	6	113.1
2315050	Rock Pulp																				
2315051	Rock																				
2315052	Drill Core																				
2315053	Drill Core																				
2315054	Drill Core	3.34	0.28	0.72	0.21	0.07	0.006	<20	17	4.2	99.78	188	<1	5.7	2.8	19.1	3.2	5.8	7.9	5	644.1
2315055	Drill Core																				
2315056	Drill Core																				
2315057	Drill Core	3.30	0.82	0.71	0.21	0.05	0.005	<20	16	3.1	99.66	507	3	7.6	3.6	18.5	3.8	6.1	26.3	3	723.3
2315058	Drill Core																				
2315059	Drill Core																				
2315060	Drill Core																				
2315061	Drill Core																				
2315062	Drill Core																				

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Project: 210800

Report Date: November 04, 2013

Page: 2 of 5

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01
2315033	Drill Core																				
2315034	Drill Core																				
2315035	Drill Core																				
2315036	Drill Core																				
2315037	Drill Core																				
2315038	Drill Core																				
2315039	Drill Core																				
2315040	Drill Core																				
2315041	Drill Core																				
2315042	Drill Core																				
2315043	Drill Core																				
2315044	Drill Core																				
2315045	Drill Core																				
2315046	Drill Core																				
2315047	Drill Core																				
2315048	Drill Core																				
2315049	Drill Core	0.6	13.5	4.9	86	1.8	104.1	12.1	3.8	7.9	1.15	5.1	1.51	0.41	1.76	0.28	1.79	0.37	1.04	0.16	1.05
2315050	Rock Pulp																				
2315051	Rock																				
2315052	Drill Core																				
2315053	Drill Core																				
2315054	Drill Core	0.5	6.0	3.4	135	1.5	109.2	18.1	19.6	45.2	6.11	24.3	4.95	1.26	4.12	0.68	3.52	0.67	1.92	0.29	1.96
2315055	Drill Core																				
2315056	Drill Core																				
2315057	Drill Core	0.5	6.4	2.8	140	0.6	120.4	15.3	18.0	36.0	4.32	18.4	3.57	0.88	3.27	0.52	3.09	0.53	1.48	0.23	1.54
2315058	Drill Core																				
2315059	Drill Core																				
2315060	Drill Core																				
2315061	Drill Core																				
2315062	Drill Core																				

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method	Analyte	Unit	MDL	4A-4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
					Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
					ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
					0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.01	0.1
2315033	Drill Core																				
2315034	Drill Core																				
2315035	Drill Core																				
2315036	Drill Core																				
2315037	Drill Core																				
2315038	Drill Core																				
2315039	Drill Core																				
2315040	Drill Core																				
2315041	Drill Core																				
2315042	Drill Core																				
2315043	Drill Core																				
2315044	Drill Core																				
2315045	Drill Core																				
2315046	Drill Core																				
2315047	Drill Core																				
2315048	Drill Core																				
2315049	Drill Core	0.18	0.73	0.42	2.5	29.9	171.0	1359	1.3	28.4	15.4	0.2	1.2	1.2	206.8	0.04	0.2	1.3			
2315050	Rock Pulp																				
2315051	Rock																				
2315052	Drill Core																				
2315053	Drill Core																				
2315054	Drill Core	0.25	0.62	0.12	21.8	205.8	8.5	103	4.0	8.9	0.9	0.7	0.3	0.9	217.9	<0.01	<0.1	<0.5			
2315055	Drill Core																				
2315056	Drill Core																				
2315057	Drill Core	0.24	0.20	0.16	13.8	800.4	4.9	67	4.9	6.0	0.6	1.0	0.5	1.3	1038.4	<0.01	<0.1	1.1			
2315058	Drill Core																				
2315059	Drill Core																				
2315060	Drill Core																				
2315061	Drill Core																				
2315062	Drill Core																				

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315063	Drill Core	7.35	0.245	20.03	46.45	48.87	307.3	807	2.8	2.1	503	2.07	28.4	2.4	229.8	5.8	64.3	3.65	0.16	1.05
2315064	Drill Core	6.05	0.068	5.38	68.28	9.86	52.0	442	3.4	3.1	410	1.56	9.2	2.0	52.1	6.2	110.1	0.33	0.34	0.31
2315065	Drill Core	7.04	0.092	9.80	6.44	9.52	38.0	161	2.7	3.0	381	1.47	13.6	1.7	74.4	5.8	102.1	0.22	0.34	0.37
2315066	Drill Core	5.01	0.130	6.66	25.43	9.50	30.7	157	1.9	1.9	193	0.77	13.1	1.7	402.3	6.5	59.1	0.36	0.31	0.28
2315067	Drill Core	6.50	0.050	13.25	144.01	8.17	46.2	552	2.3	2.6	258	1.15	6.2	1.9	44.6	6.6	106.8	0.49	0.50	0.57
2315068	Drill Core	6.43	0.095	12.33	231.85	7.10	32.8	613	1.7	4.0	172	0.89	9.6	2.0	70.9	7.2	79.3	0.43	0.29	0.42
2315069	Drill Core	8.02	0.101	30.36	171.57	6.30	32.7	563	1.9	3.1	191	1.03	9.4	1.6	287.4	6.6	63.9	0.33	0.32	0.45
2315070	Rock Pulp	0.06	0.210	142.54	1750.89	22.98	64.4	2222	16.3	16.8	370	3.74	25.7	4.2	432.8	9.8	67.9	0.81	3.60	2.21
2315071	Rock	1.21	0.006	0.20	2.94	3.62	45.5	6	3.0	3.9	606	2.00	0.2	1.6	2.2	5.5	70.2	0.01	<0.02	0.03
2315072	Drill Core	7.29	0.131	9.42	94.43	8.25	34.5	289	2.0	3.2	230	1.34	9.9	1.9	81.9	7.2	97.4	0.34	0.62	1.19
2315073	Drill Core	6.79	0.085	11.25	126.87	14.74	80.8	1865	2.4	4.2	353	1.77	30.0	1.8	100.4	6.3	90.7	0.85	1.09	0.89
2315074	Drill Core	6.46	0.090	11.81	102.61	7.61	37.4	318	2.8	3.1	301	1.37	5.6	1.7	49.4	7.3	124.6	0.41	0.31	0.12
2315075	Drill Core	7.59	0.093	14.27	86.33	8.18	45.1	290	2.4	2.9	317	1.49	12.6	1.9	65.5	7.2	102.9	0.37	0.29	0.20
2315076	Drill Core	6.53	0.069	10.42	83.23	12.21	42.2	273	2.5	3.0	334	1.62	23.7	2.1	49.9	7.8	79.2	0.36	0.36	0.39
2315077	Drill Core	6.82	0.218	11.57	37.72	8.66	32.7	136	2.2	2.5	281	1.29	8.4	2.3	69.7	7.7	84.8	0.32	0.31	0.17
2315078	Drill Core	6.18	0.081	21.76	34.88	8.24	35.6	122	1.9	2.1	264	1.09	5.1	1.8	99.0	7.3	111.4	0.36	0.41	0.32
2315079	Drill Core	7.68	0.056	28.94	38.64	9.22	26.0	159	2.0	1.8	195	0.90	4.1	2.0	101.3	7.7	290.3	0.26	0.43	0.17
2315080	Drill Core	7.62	0.171	17.24	134.58	10.09	39.0	359	2.1	4.1	243	1.37	19.2	1.5	160.7	7.0	96.8	0.35	0.32	0.22
2315081	Drill Core	3.26	0.177	7.54	232.13	7.07	43.3	703	2.9	3.1	309	1.70	5.1	1.7	264.1	7.8	99.7	0.35	0.28	0.11
2315082	Drill Core	3.81	0.165	8.92	239.98	6.91	42.2	711	3.0	3.6	323	1.87	9.9	1.6	103.2	7.8	94.8	0.37	0.29	0.14
2315083	Drill Core	7.23	0.103	13.51	122.81	7.90	59.2	421	3.1	4.5	366	1.99	16.7	1.7	97.5	7.3	98.0	0.57	0.25	0.17
2315084	Drill Core	6.66	0.120	16.52	295.28	7.00	47.7	927	2.9	6.9	356	1.96	20.4	1.8	113.7	7.0	110.8	0.44	0.35	0.31
2315085	Drill Core	6.64	0.070	9.13	118.23	9.80	60.3	432	2.6	3.6	437	1.91	10.2	1.4	79.0	6.4	80.3	0.60	0.25	0.18
2315086	Drill Core	7.07	0.115	7.08	26.61	54.25	272.8	730	2.5	5.5	561	2.50	64.6	2.2	97.4	8.9	101.6	3.17	0.21	1.00
2315087	Drill Core	7.64	0.069	11.18	245.66	13.34	47.8	881	3.2	4.4	376	1.79	17.4	1.9	50.2	7.3	86.6	0.39	0.38	0.26
2315088	Drill Core	7.84	0.112	8.73	205.09	6.50	36.8	628	2.8	5.6	305	1.86	6.7	2.0	156.5	7.6	87.8	0.29	0.31	0.13
2315089	Drill Core	6.92	0.107	6.96	93.00	4.80	23.4	151	2.7	5.6	192	2.03	7.5	2.3	76.1	7.7	63.4	0.18	0.24	0.14
2315090	Rock Pulp	0.06	1.973	3.14	33.72	6.26	48.5	700	25.0	10.5	456	2.85	8.4	0.3	1294.1	1.1	44.1	0.27	0.78	0.14
2315091	Rock	1.18	0.007	0.11	4.19	3.81	46.0	4	3.0	4.1	591	2.07	0.2	2.0	2.3	5.7	68.3	0.01	<0.02	0.03
2315092	Drill Core	6.22	0.098	9.36	164.31	5.48	27.7	214	3.1	5.8	211	2.20	5.7	2.5	106.9	7.8	88.4	0.18	0.31	0.12

CERTIFICATE OF ANALYSIS

WHI13000212.2

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315063	Drill Core	2.23	0.078	5.8	12.9	0.83	68.0	0.004	43	1.33	0.063	0.14	<0.1	2.3	0.12	0.30	<5	0.2	0.09	3.6	2.41
2315064	Drill Core	2.06	0.082	9.6	20.5	0.83	43.0	0.072	<20	1.52	0.214	0.03	0.1	5.7	0.03	0.09	<5	<0.1	0.11	4.6	1.26
2315065	Drill Core	1.97	0.079	9.2	14.8	0.90	48.2	0.070	<20	1.42	0.179	0.03	0.2	5.7	0.03	0.12	<5	<0.1	0.06	4.7	1.19
2315066	Drill Core	0.75	0.087	8.8	10.5	0.72	25.6	0.058	<20	0.82	0.098	0.01	0.2	2.6	<0.02	0.07	16	<0.1	<0.02	3.4	0.75
2315067	Drill Core	1.30	0.080	14.2	14.4	0.79	66.8	0.095	<20	1.26	0.232	0.03	0.2	3.9	<0.02	0.05	13	<0.1	0.02	4.4	0.90
2315068	Drill Core	0.95	0.080	11.5	8.7	0.45	32.8	0.089	<20	0.88	0.195	0.02	0.2	2.2	0.05	0.08	10	<0.1	<0.02	3.1	0.79
2315069	Drill Core	0.93	0.086	11.4	10.3	0.55	38.0	0.067	<20	0.82	0.132	0.02	0.1	2.6	0.03	0.09	8	<0.1	0.06	3.2	0.69
2315070	Rock Pulp	1.73	0.065	18.0	54.5	0.81	48.2	0.030	<20	1.20	0.047	0.46	1.8	5.9	0.26	1.76	95	2.3	0.25	4.1	1.55
2315071	Rock	0.51	0.076	13.6	6.0	0.52	190.8	0.129	<20	1.05	0.113	0.51	<0.1	2.2	0.32	<0.02	<5	<0.1	<0.02	5.1	3.76
2315072	Drill Core	1.53	0.077	11.6	11.8	0.61	57.6	0.078	<20	1.10	0.206	0.02	0.1	4.7	0.04	0.09	21	<0.1	0.04	4.2	0.66
2315073	Drill Core	1.92	0.074	9.0	11.7	0.63	41.7	0.027	<20	1.17	0.132	0.07	0.6	4.6	0.08	0.43	33	0.7	0.14	3.9	3.10
2315074	Drill Core	1.77	0.088	15.6	15.1	0.65	101.3	0.066	<20	1.14	0.201	0.02	<0.1	5.5	0.02	0.04	15	<0.1	<0.02	4.0	0.92
2315075	Drill Core	1.66	0.083	17.0	14.4	0.69	51.5	0.071	<20	1.22	0.214	0.03	<0.1	5.7	<0.02	0.12	32	<0.1	<0.02	4.2	0.77
2315076	Drill Core	1.35	0.087	11.1	14.5	0.72	32.4	0.057	<20	1.07	0.124	0.02	0.1	4.8	0.02	0.25	29	<0.1	0.03	3.7	0.77
2315077	Drill Core	1.23	0.082	11.2	12.0	0.62	32.4	0.088	<20	1.10	0.208	0.02	0.1	4.3	0.02	0.06	52	<0.1	<0.02	3.6	0.61
2315078	Drill Core	1.04	0.088	12.1	11.5	0.65	64.3	0.063	<20	0.90	0.119	0.02	0.1	3.2	0.03	0.02	36	<0.1	<0.02	3.5	1.01
2315079	Drill Core	0.94	0.078	9.4	9.8	0.55	51.7	0.072	<20	1.01	0.177	0.03	0.1	2.2	0.03	0.02	10	<0.1	<0.02	3.6	1.88
2315080	Drill Core	0.77	0.091	10.8	12.2	0.80	40.9	0.049	<20	0.95	0.092	0.02	0.1	2.8	<0.02	0.22	15	<0.1	<0.02	3.6	1.30
2315081	Drill Core	1.19	0.088	14.3	15.9	0.96	46.9	0.077	<20	1.32	0.189	0.03	0.1	4.7	0.02	0.07	22	<0.1	<0.02	4.9	0.85
2315082	Drill Core	1.11	0.089	13.9	15.9	0.98	49.6	0.072	<20	1.28	0.173	0.03	0.1	4.7	0.02	0.14	25	<0.1	<0.02	4.9	0.83
2315083	Drill Core	1.68	0.079	16.0	18.8	0.86	52.2	0.066	<20	1.38	0.159	0.03	0.1	6.3	<0.02	0.11	27	<0.1	0.02	4.9	0.76
2315084	Drill Core	1.72	0.094	15.6	17.3	0.77	67.9	0.096	<20	1.45	0.205	0.04	0.2	5.3	<0.02	0.27	18	0.2	0.03	5.2	0.83
2315085	Drill Core	1.62	0.097	8.8	21.4	0.93	71.2	0.066	<20	1.25	0.099	0.03	0.1	5.2	<0.02	0.15	14	0.2	<0.02	4.7	0.79
2315086	Drill Core	1.97	0.103	7.2	18.1	1.01	57.7	0.020	28	1.45	0.069	0.18	<0.1	4.3	0.16	0.97	70	0.7	0.17	4.5	2.65
2315087	Drill Core	1.23	0.097	12.0	20.4	1.09	42.5	0.104	<20	1.30	0.098	0.04	0.2	4.5	0.03	0.29	19	<0.1	0.03	5.1	1.86
2315088	Drill Core	1.16	0.091	13.2	20.1	0.94	47.9	0.133	<20	1.40	0.136	0.08	0.2	3.7	0.03	0.11	6	<0.1	<0.02	5.9	1.27
2315089	Drill Core	0.91	0.088	13.2	19.9	0.84	56.4	0.169	<20	1.36	0.131	0.15	0.1	2.6	0.07	0.11	10	<0.1	<0.02	6.0	0.80
2315090	Rock Pulp	0.85	0.061	4.4	30.1	0.87	105.7	0.118	<20	1.71	0.096	0.17	13.8	4.7	0.05	0.04	90	<0.1	0.04	5.9	0.43
2315091	Rock	0.52	0.075	12.3	7.0	0.53	188.2	0.127	<20	1.08	0.118	0.51	<0.1	2.3	0.35	<0.02	7	<0.1	<0.02	5.2	3.82
2315092	Drill Core	1.11	0.087	13.0	20.8	0.86	91.8	0.183	<20	1.59	0.200	0.19	0.2	3.3	0.08	0.07	<5	<0.1	<0.02	6.5	1.12

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315063	Drill Core	<0.1	0.06	0.02	5.5	1.2	<0.05	2.6	9.74	15.2	<0.02	38	0.4	7.6	<10	4					
2315064	Drill Core	<0.1	0.15	0.09	1.1	2.4	<0.05	2.8	9.12	24.2	0.06	13	0.5	7.5	<10	<2					
2315065	Drill Core	<0.1	0.14	0.07	1.2	2.3	<0.05	2.7	8.69	22.8	0.03	12	0.3	10.2	<10	<2					
2315066	Drill Core	0.1	0.10	0.08	0.6	1.2	<0.05	1.7	4.65	19.2	0.04	13	<0.1	13.3	<10	<2	65.34	16.10	2.43	2.63	6.30
2315067	Drill Core	0.2	0.14	0.12	1.0	2.1	<0.05	2.7	6.84	28.4	0.04	26	0.2	12.4	<10	<2					
2315068	Drill Core	0.1	0.11	0.12	0.9	1.8	<0.05	2.5	5.66	23.8	0.05	21	0.2	6.7	<10	<2					
2315069	Drill Core	<0.1	0.10	0.08	0.7	1.3	<0.05	2.4	5.42	21.5	0.05	56	<0.1	8.2	<10	<2					
2315070	Rock Pulp	<0.1	0.09	0.03	27.9	1.6	<0.05	2.9	10.01	33.0	0.05	40	0.3	6.8	<10	<2					
2315071	Rock	<0.1	0.06	0.25	47.3	0.6	<0.05	1.1	5.49	25.3	0.02	<1	0.4	32.4	<10	<2					
2315072	Drill Core	0.1	0.12	0.07	0.7	1.8	<0.05	2.4	7.06	24.3	0.11	30	0.2	8.3	<10	<2					
2315073	Drill Core	<0.1	0.07	0.04	3.3	1.6	<0.05	1.8	8.03	20.9	0.08	18	0.5	7.3	<10	<2					
2315074	Drill Core	0.2	0.10	0.06	1.0	3.0	<0.05	2.0	8.76	33.2	0.06	15	0.2	8.8	<10	<2					
2315075	Drill Core	0.2	0.12	0.06	0.9	1.5	<0.05	2.2	8.48	31.0	0.05	22	0.2	8.7	<10	<2					
2315076	Drill Core	0.2	0.11	0.08	0.9	1.3	<0.05	2.1	7.84	23.9	0.08	42	0.1	9.8	<10	<2					
2315077	Drill Core	0.2	0.11	0.09	1.0	1.4	<0.05	2.2	7.40	22.8	0.04	28	0.2	10.5	<10	<2					
2315078	Drill Core	0.2	0.10	0.07	1.0	0.7	<0.05	1.7	5.75	24.7	0.05	37	0.3	12.1	<10	<2					
2315079	Drill Core	<0.1	0.07	0.07	1.4	1.0	<0.05	1.6	5.41	20.2	0.03	56	0.2	11.6	<10	<2					
2315080	Drill Core	0.2	0.08	0.06	0.9	0.6	<0.05	1.6	5.38	21.1	0.05	32	0.1	14.0	<10	<2					
2315081	Drill Core	0.1	0.12	0.07	1.1	1.2	<0.05	2.7	6.68	25.6	0.07	17	0.3	16.8	<10	<2					
2315082	Drill Core	0.1	0.11	0.06	1.0	1.2	<0.05	2.7	6.43	25.1	0.08	18	0.2	17.2	<10	<2					
2315083	Drill Core	0.1	0.07	0.05	0.9	2.1	<0.05	2.6	9.19	28.6	0.06	12	0.2	13.2	<10	<2					
2315084	Drill Core	<0.1	0.13	0.07	1.5	1.4	<0.05	3.0	7.88	29.1	0.07	21	0.1	10.4	<10	<2					
2315085	Drill Core	0.2	0.09	0.06	1.2	1.2	<0.05	2.0	6.69	18.4	0.07	12	0.3	10.6	<10	<2					
2315086	Drill Core	<0.1	0.09	0.03	8.9	0.9	<0.05	2.7	10.66	15.7	0.04	9	0.2	10.9	<10	<2					
2315087	Drill Core	0.2	0.14	0.12	2.3	1.2	<0.05	3.6	6.60	22.4	0.04	21	0.2	14.1	<10	<2					
2315088	Drill Core	0.2	0.12	0.10	2.9	1.0	<0.05	3.3	6.12	25.3	0.04	9	0.3	12.3	<10	<2					
2315089	Drill Core	0.2	0.05	0.11	6.1	0.5	<0.05	1.9	4.88	25.4	<0.02	7	0.2	10.4	<10	<2					
2315090	Rock Pulp	<0.1	0.15	0.03	5.5	0.5	<0.05	4.7	6.80	9.0	0.02	<1	0.3	12.9	<10	<2					
2315091	Rock	0.1	0.07	0.29	47.2	0.8	<0.05	1.1	5.53	22.8	0.02	<1	0.3	34.4	<10	<2					
2315092	Drill Core	0.2	0.08	0.11	7.7	1.0	<0.05	2.5	5.56	25.3	0.03	9	0.2	10.9	<10	<2					

Acme Analytical Laboratories (Vancouver) Ltd.

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Project: 210800

Report Date: November 04, 2013

Page: 3 of 5

Part: 4 of 6

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method	Analyte	Unit	MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B		
					Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
					%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
					0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	0.1	1
2315063	Drill Core																							
2315064	Drill Core																							
2315065	Drill Core																							
2315066	Drill Core	4.16	0.24	0.64	0.19	0.04	0.003	<20	11	1.7	99.79	234	2	2.9	1.7	17.7	2.8	6.5	5.2	5	734.0			
2315067	Drill Core																							
2315068	Drill Core																							
2315069	Drill Core																							
2315070	Rock Pulp																							
2315071	Rock																							
2315072	Drill Core																							
2315073	Drill Core																							
2315074	Drill Core																							
2315075	Drill Core																							
2315076	Drill Core																							
2315077	Drill Core																							
2315078	Drill Core																							
2315079	Drill Core																							
2315080	Drill Core																							
2315081	Drill Core																							
2315082	Drill Core																							
2315083	Drill Core																							
2315084	Drill Core																							
2315085	Drill Core																							
2315086	Drill Core																							
2315087	Drill Core																							
2315088	Drill Core																							
2315089	Drill Core																							
2315090	Rock Pulp																							
2315091	Rock																							
2315092	Drill Core																							

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Page: 3 of 5

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315063	Drill Core																			
2315064	Drill Core																			
2315065	Drill Core																			
2315066	Drill Core	0.4	7.7	3.7	88	1.8	114.5	14.9	23.0	51.3	6.57	26.6	4.47	1.33	3.86	0.55	2.91	0.52	1.35	0.21
2315067	Drill Core																			
2315068	Drill Core																			
2315069	Drill Core																			
2315070	Rock Pulp																			
2315071	Rock																			
2315072	Drill Core																			
2315073	Drill Core																			
2315074	Drill Core																			
2315075	Drill Core																			
2315076	Drill Core																			
2315077	Drill Core																			
2315078	Drill Core																			
2315079	Drill Core																			
2315080	Drill Core																			
2315081	Drill Core																			
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2315087	Drill Core																			
2315088	Drill Core																			
2315089	Drill Core																			
2315090	Rock Pulp																			
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2315092	Drill Core																			

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Project: 210800

Report Date: November 04, 2013

Page: 3 of 5

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	4A-4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
2315063	Drill Core																	
2315064	Drill Core																	
2315065	Drill Core																	
2315066	Drill Core	0.21	0.09	0.09	6.7	21.3	8.1	29	1.9	11.6	0.2	0.3	0.2	0.1	145.4	<0.01	<0.1	<0.5
2315067	Drill Core																	
2315068	Drill Core																	
2315069	Drill Core																	
2315070	Rock Pulp																	
2315071	Rock																	
2315072	Drill Core																	
2315073	Drill Core																	
2315074	Drill Core																	
2315075	Drill Core																	
2315076	Drill Core																	
2315077	Drill Core																	
2315078	Drill Core																	
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2315080	Drill Core																	
2315081	Drill Core																	
2315082	Drill Core																	
2315083	Drill Core																	
2315084	Drill Core																	
2315085	Drill Core																	
2315086	Drill Core																	
2315087	Drill Core																	
2315088	Drill Core																	
2315089	Drill Core																	
2315090	Rock Pulp																	
2315091	Rock																	
2315092	Drill Core																	

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315093	Drill Core	7.81	0.383	12.64	157.78	5.71	27.7	256	3.6	7.4	242	2.49	12.1	2.3	281.8	7.8	107.8	0.20	0.32	0.75
2315094	Drill Core	6.75	0.088	13.19	117.34	5.16	25.3	203	2.9	5.3	214	2.08	7.3	2.3	76.7	7.7	110.3	0.16	0.42	0.38
2315095	Drill Core	6.54	0.056	5.45	71.20	5.80	22.9	117	2.2	4.9	181	1.93	4.9	2.4	47.3	9.0	142.9	0.22	0.30	0.15
2315096	Drill Core	7.21	0.141	17.92	100.75	5.97	28.3	158	2.6	5.5	208	2.09	11.4	2.6	136.9	7.9	201.1	0.14	0.33	0.62
2315097	Drill Core	7.77	0.084	6.03	111.04	6.31	24.9	149	2.9	5.6	192	1.94	9.4	2.5	78.5	8.4	158.6	0.19	0.26	0.33
2315098	Drill Core	6.00	0.072	6.10	83.95	5.35	27.2	140	2.6	5.5	226	2.61	13.2	2.3	114.2	8.6	114.7	0.19	0.34	0.31
2315099	Drill Core	6.75	0.130	22.78	134.71	7.04	29.3	254	3.0	6.5	260	2.56	50.2	2.7	98.5	8.1	85.1	0.15	0.46	1.19
2315100	Drill Core	6.90	0.088	4.43	92.79	5.09	27.1	154	2.6	5.8	250	2.50	8.2	2.6	78.5	8.9	78.2	0.17	0.36	0.33
2315101	Drill Core	3.23	0.125	7.45	154.57	5.85	34.3	319	3.0	7.4	288	2.51	17.6	2.4	109.5	7.9	82.4	0.23	0.44	1.50
2315102	Drill Core	3.65	0.120	6.95	145.08	5.38	33.5	252	2.7	7.8	283	2.41	16.2	2.4	77.0	7.4	82.8	0.27	0.49	1.18
2315103	Drill Core	6.16	0.185	11.05	115.54	5.16	35.6	300	2.6	6.0	296	2.34	16.4	2.0	86.9	6.9	109.0	0.21	0.50	0.49
2315104	Drill Core	7.22	1.305	38.43	222.21	29.00	237.9	874	3.0	5.8	338	1.92	19.6	2.7	405.0	6.9	83.6	2.83	0.45	0.58
2315105	Drill Core	7.11	0.100	13.16	135.15	5.80	29.6	347	3.2	7.9	270	1.75	15.0	2.3	70.0	7.2	97.1	0.23	0.41	0.49
2315106	Drill Core	7.22	0.126	5.97	167.60	4.62	31.4	397	2.9	7.3	305	2.26	15.2	2.6	70.0	7.7	84.9	0.23	0.46	0.54
2315107	Drill Core	6.34	0.241	6.17	150.32	4.04	37.2	340	3.3	8.3	328	2.59	13.8	2.6	231.5	8.0	88.0	0.23	0.61	0.33
2315108	Drill Core	7.20	0.163	14.14	144.75	8.92	39.1	454	3.4	11.1	414	3.20	85.7	3.1	82.0	8.0	148.7	0.20	0.67	3.90
2315109	Drill Core	7.58	0.205	54.90	55.00	7.34	45.6	313	4.4	13.0	481	4.00	139.1	3.1	89.4	7.8	105.2	0.15	0.73	4.87
2315110	Rock Pulp	0.06	0.204	147.34	1796.12	22.13	66.1	2041	16.7	17.5	380	3.83	26.8	4.2	168.4	10.2	67.4	0.90	3.48	2.30
2315111	Rock	0.93	<0.005	0.11	3.14	3.66	46.1	29	2.9	3.9	617	2.12	0.8	1.8	9.4	5.8	73.6	<0.01	0.06	0.14
2315112	Drill Core	6.78	0.114	30.86	225.56	8.45	43.1	502	4.1	12.5	441	2.95	100.6	2.8	78.1	7.4	77.1	0.29	0.94	2.44
2315113	Drill Core	6.41	0.052	14.98	135.64	5.48	38.5	315	4.0	6.8	382	2.26	14.8	2.7	33.3	7.7	83.5	0.28	0.61	0.31
2315114	Drill Core	7.46	0.072	5.63	152.27	5.17	29.5	313	3.0	6.7	293	1.95	12.9	2.0	43.9	7.4	97.2	0.24	0.54	0.25
2315115	Drill Core	7.18	0.040	5.40	145.18	5.29	33.8	336	3.1	5.3	339	1.94	12.1	2.9	26.5	8.2	95.0	0.21	0.51	0.23
2315116	Drill Core	7.26	0.172	12.98	132.84	4.58	27.5	287	3.0	4.0	250	1.53	6.5	2.5	110.3	7.7	79.0	0.22	0.40	0.17
2315117	Drill Core	7.31	0.174	44.78	201.43	4.96	34.9	449	3.3	4.7	263	1.70	8.6	2.0	142.2	7.0	90.7	0.27	0.42	0.18
2315118	Drill Core	7.20	0.081	15.81	72.64	5.56	39.3	161	3.7	5.5	441	2.33	15.5	2.3	72.1	6.7	84.0	0.23	0.58	0.19
2315119	Drill Core	7.19	0.126	8.47	67.55	4.99	35.8	142	3.0	6.4	368	2.15	18.6	1.9	83.8	6.7	66.7	0.18	0.40	0.26
2315120	Drill Core	5.65	0.045	9.09	454.97	7.47	65.8	919	3.9	12.0	512	2.88	30.9	2.7	41.7	6.9	63.2	0.46	0.33	0.69
2315121	Drill Core	3.33	0.046	6.59	49.92	5.32	36.6	163	3.2	8.2	447	2.53	21.7	1.9	102.6	7.3	67.3	0.13	0.28	0.47
2315122	Drill Core	3.55	0.034	11.10	67.32	5.29	40.2	162	3.3	8.2	460	2.62	22.5	2.0	28.9	7.2	74.8	0.13	0.36	0.46

CERTIFICATE OF ANALYSIS

WHI13000212.2

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315093	Drill Core	1.13	0.100	13.2	23.6	1.11	110.2	0.224	<20	1.84	0.231	0.25	0.2	4.2	0.12	0.15	10	0.3	<0.02	7.2	1.67
2315094	Drill Core	1.09	0.090	13.4	19.7	0.81	71.7	0.177	<20	1.61	0.226	0.13	0.2	2.5	0.05	0.09	7	<0.1	<0.02	6.2	0.86
2315095	Drill Core	0.97	0.092	12.7	17.8	0.56	93.8	0.145	<20	1.36	0.224	0.18	0.2	2.0	0.08	0.06	<5	<0.1	<0.02	5.3	0.79
2315096	Drill Core	1.07	0.094	14.2	21.0	0.92	85.6	0.189	<20	1.57	0.180	0.16	0.2	3.5	0.07	0.13	<5	<0.1	<0.02	6.6	1.25
2315097	Drill Core	1.04	0.094	13.1	18.1	0.78	77.9	0.171	<20	1.46	0.194	0.15	0.2	2.0	0.07	0.10	<5	<0.1	<0.02	6.1	1.39
2315098	Drill Core	1.03	0.084	12.6	18.7	0.87	85.7	0.178	<20	1.63	0.196	0.16	0.2	2.7	0.06	0.17	11	0.2	<0.02	6.4	1.06
2315099	Drill Core	1.22	0.080	13.6	19.1	0.89	73.3	0.153	<20	1.57	0.193	0.14	0.2	3.7	0.06	0.45	<5	0.5	0.06	6.4	1.16
2315100	Drill Core	1.00	0.090	11.2	20.1	0.89	80.7	0.176	<20	1.63	0.189	0.15	0.2	3.0	0.05	0.06	<5	<0.1	0.03	6.8	0.84
2315101	Drill Core	1.10	0.083	12.7	18.5	1.00	78.9	0.152	<20	1.71	0.185	0.14	0.4	3.5	0.06	0.18	6	<0.1	<0.02	7.0	0.93
2315102	Drill Core	1.11	0.093	11.7	19.6	0.98	69.2	0.144	<20	1.62	0.154	0.12	0.4	3.6	0.04	0.16	<5	0.2	<0.02	6.4	1.03
2315103	Drill Core	1.18	0.086	10.0	18.7	0.82	67.4	0.125	<20	1.49	0.155	0.09	0.4	3.0	0.04	0.22	<5	0.2	<0.02	5.9	0.88
2315104	Drill Core	1.60	0.088	13.8	17.7	0.88	47.1	0.106	<20	1.49	0.157	0.09	0.2	4.4	0.05	0.25	32	0.7	<0.02	5.4	1.53
2315105	Drill Core	1.62	0.093	15.5	17.9	0.85	50.5	0.154	<20	1.51	0.218	0.09	4.9	4.6	0.06	0.16	<5	0.3	0.04	5.7	1.12
2315106	Drill Core	1.50	0.084	14.8	19.4	0.95	74.7	0.176	<20	1.72	0.225	0.13	0.3	5.2	0.05	0.20	<5	0.4	<0.02	6.5	0.77
2315107	Drill Core	1.56	0.092	14.1	23.6	1.06	75.3	0.179	<20	1.87	0.198	0.12	0.3	5.7	0.05	0.19	<5	0.4	0.03	6.4	0.98
2315108	Drill Core	1.36	0.096	19.1	23.2	1.41	62.7	0.073	<20	2.33	0.116	0.16	0.3	6.3	0.08	0.82	8	1.2	0.12	7.3	4.45
2315109	Drill Core	1.46	0.094	19.1	20.3	1.84	38.9	0.049	<20	2.69	0.074	0.14	0.3	6.3	0.08	1.11	6	2.2	0.65	8.1	4.10
2315110	Rock Pulp	1.77	0.070	17.1	55.4	0.82	64.1	0.030	<20	1.25	0.049	0.47	1.7	6.2	0.27	1.79	89	2.8	0.21	4.0	1.51
2315111	Rock	0.56	0.076	13.2	7.3	0.53	199.5	0.123	<20	1.15	0.129	0.53	<0.1	2.4	0.32	<0.02	<5	<0.1	<0.02	5.1	3.66
2315112	Drill Core	1.54	0.086	15.9	22.9	1.36	53.2	0.090	<20	1.95	0.139	0.16	0.3	6.7	0.10	0.67	7	1.6	0.33	6.7	2.18
2315113	Drill Core	1.74	0.089	18.2	23.0	1.10	37.7	0.138	<20	1.63	0.152	0.10	0.2	6.5	0.05	0.21	<5	0.6	<0.02	6.1	1.63
2315114	Drill Core	1.50	0.085	14.7	18.4	0.81	57.1	0.150	<20	1.45	0.178	0.09	0.3	4.5	0.04	0.19	<5	0.2	<0.02	5.6	1.06
2315115	Drill Core	1.55	0.096	14.1	20.4	0.90	43.0	0.125	<20	1.57	0.217	0.07	0.4	5.1	0.04	0.16	<5	0.4	<0.02	5.5	1.11
2315116	Drill Core	1.20	0.085	16.1	17.4	0.78	38.3	0.141	<20	1.30	0.185	0.04	0.3	3.7	0.03	0.08	<5	0.1	0.02	4.8	0.63
2315117	Drill Core	1.19	0.104	17.4	19.3	1.03	42.3	0.132	<20	1.39	0.179	0.04	0.5	4.2	0.03	0.16	<5	0.3	0.02	5.1	0.84
2315118	Drill Core	1.09	0.100	10.5	24.5	1.39	44.5	0.121	<20	1.72	0.124	0.03	0.5	5.7	0.03	0.20	<5	0.3	<0.02	5.8	0.80
2315119	Drill Core	1.07	0.090	12.7	20.3	1.19	37.1	0.117	<20	1.56	0.147	0.04	0.4	4.8	0.02	0.37	<5	0.7	<0.02	5.4	0.76
2315120	Drill Core	1.18	0.084	11.2	22.3	1.53	50.5	0.080	<20	1.95	0.113	0.08	0.3	6.3	0.04	0.52	5	1.8	0.22	6.3	1.38
2315121	Drill Core	1.61	0.097	9.6	22.1	1.34	42.8	0.087	<20	1.61	0.091	0.03	0.3	7.3	<0.02	0.40	<5	0.8	0.13	5.9	0.79
2315122	Drill Core	1.53	0.099	10.8	23.6	1.44	46.3	0.105	<20	1.83	0.127	0.04	0.3	7.8	<0.02	0.41	<5	0.7	0.09	6.5	0.81

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Project: 210800

Report Date: November 04, 2013

Page: 4 of 5

Part: 3 of 6

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315093	Drill Core	0.2	0.13	0.14	11.6	1.1	<0.05	3.6	6.00	25.8	<0.02	13	0.2	12.9	<10	<2					
2315094	Drill Core	0.2	0.12	0.10	4.4	0.9	<0.05	4.1	5.40	25.1	0.02	13	0.2	10.1	<10	<2					
2315095	Drill Core	0.1	0.09	0.07	6.6	0.6	<0.05	3.7	5.36	24.2	<0.02	6	0.3	6.5	<10	<2					
2315096	Drill Core	0.1	0.17	0.14	6.7	0.8	<0.05	6.1	5.96	25.9	0.03	11	0.2	11.2	<10	<2					
2315097	Drill Core	0.1	0.17	0.10	6.3	0.8	<0.05	5.9	5.55	24.4	0.03	6	0.3	9.4	<10	<2					
2315098	Drill Core	<0.1	0.16	0.10	5.6	0.6	<0.05	5.2	6.04	24.2	0.02	8	0.2	9.7	<10	<2					
2315099	Drill Core	0.1	0.18	0.10	5.6	1.0	<0.05	6.3	6.46	25.0	0.05	36	0.2	10.2	<10	<2					
2315100	Drill Core	0.1	0.17	0.10	4.6	0.7	<0.05	5.6	5.53	22.4	0.03	4	0.3	10.1	<10	<2					
2315101	Drill Core	0.1	0.15	0.09	4.6	1.3	<0.05	6.0	6.00	23.8	0.03	6	0.3	11.2	<10	<2					
2315102	Drill Core	0.2	0.19	0.12	4.2	1.1	<0.05	5.8	6.04	23.4	0.06	11	0.2	11.4	<10	<2					
2315103	Drill Core	0.1	0.17	0.09	3.2	0.9	<0.05	5.7	5.08	19.0	0.03	26	0.1	10.1	<10	<2					
2315104	Drill Core	0.1	0.19	0.09	3.7	1.6	<0.05	7.3	7.45	26.0	0.08	31	0.3	10.7	<10	<2					
2315105	Drill Core	0.2	0.25	0.15	3.6	1.8	<0.05	7.8	7.83	31.0	0.04	29	0.3	10.1	<10	<2					
2315106	Drill Core	0.2	0.23	0.16	4.4	1.2	<0.05	7.2	7.66	30.5	0.04	5	0.2	11.4	<10	<2					
2315107	Drill Core	0.2	0.24	0.15	4.6	1.1	<0.05	7.3	8.78	29.3	0.04	2	0.3	11.9	<10	<2					
2315108	Drill Core	<0.1	0.20	0.06	8.4	1.4	<0.05	7.3	10.77	35.0	0.03	30	0.4	14.7	<10	<2					
2315109	Drill Core	<0.1	0.16	0.05	7.4	2.0	<0.05	7.2	10.14	34.3	0.03	46	0.3	22.3	<10	<2					
2315110	Rock Pulp	<0.1	0.08	0.03	28.2	1.7	<0.05	3.0	9.96	32.2	0.06	42	0.4	7.7	<10	3					
2315111	Rock	<0.1	0.08	0.23	48.6	0.8	<0.05	1.3	5.66	24.6	0.02	<1	0.3	35.2	<10	<2					
2315112	Drill Core	<0.1	0.19	0.07	9.7	1.9	<0.05	7.0	11.21	30.0	0.05	41	0.2	16.1	<10	<2					
2315113	Drill Core	0.2	0.29	0.13	5.4	2.1	<0.05	8.4	10.44	33.3	0.04	26	0.2	13.1	<10	<2					
2315114	Drill Core	0.2	0.28	0.17	3.1	1.7	<0.05	7.9	7.24	27.8	0.05	8	0.2	11.6	<10	<2					
2315115	Drill Core	0.2	0.25	0.15	3.0	2.8	<0.05	8.4	8.70	29.3	0.03	3	0.3	11.3	<10	<2					
2315116	Drill Core	0.1	0.27	0.14	2.2	1.9	<0.05	7.7	6.70	28.4	0.04	15	0.1	12.0	<10	<2					
2315117	Drill Core	0.2	0.29	0.12	1.9	2.4	<0.05	8.6	7.64	33.0	0.05	89	0.3	16.7	<10	2					
2315118	Drill Core	0.2	0.27	0.10	1.9	2.8	<0.05	7.7	7.87	22.6	0.03	18	0.2	19.8	<10	<2					
2315119	Drill Core	0.1	0.23	0.10	2.0	2.1	<0.05	7.9	7.44	24.5	0.03	7	0.1	16.7	<10	<2					
2315120	Drill Core	<0.1	0.18	0.06	3.3	2.1	<0.05	6.6	9.70	22.9	0.05	4	0.2	16.4	<10	<2					
2315121	Drill Core	0.2	0.24	0.09	1.4	2.4	<0.05	8.0	9.49	22.5	0.03	9	0.2	17.7	<10	<2					
2315122	Drill Core	0.1	0.26	0.08	1.9	2.8	<0.05	7.9	9.83	24.3	0.04	11	0.3	19.4	<10	<2					

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315093	Drill Core																				
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2315095	Drill Core																				
2315096	Drill Core																				
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2315110	Rock Pulp																				
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Page: 4 of 5

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315093	Drill Core																			
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Page: 4 of 5

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	4A-4B 2A Leco 2A Leco			1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1
2315093	Drill Core																
2315094	Drill Core																
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2315121	Drill Core																
2315122	Drill Core																

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315123	Drill Core	7.35	0.097	10.58	130.26	5.86	35.9	281	3.3	5.2	357	2.09	15.3	2.0	62.7	7.1	68.7	0.18	0.40	0.27
2315124	Drill Core	5.59	0.189	2.70	588.04	5.21	44.6	1266	2.9	3.9	216	1.32	7.7	1.9	123.8	7.3	71.6	0.47	0.50	0.15
2315125	Drill Core	6.54	0.119	6.65	142.77	4.62	29.8	296	3.4	5.5	301	1.89	14.3	2.3	103.6	7.3	91.0	0.19	0.41	1.24
2315126	Drill Core	7.87	0.048	16.82	163.72	6.20	35.4	326	3.3	7.7	353	2.22	18.1	2.0	32.2	7.4	71.7	0.19	0.50	0.56
2315127	Drill Core	5.19	0.092	12.42	308.07	4.97	37.1	563	3.3	7.3	279	1.87	20.5	2.4	70.0	7.0	82.3	0.26	0.43	0.23
2315128	Drill Core	8.11	0.122	9.34	154.77	4.82	27.4	269	3.5	7.2	215	1.86	19.0	2.4	117.8	7.9	63.6	0.21	0.52	0.17
2315129	Drill Core	6.60	0.166	8.14	135.03	5.47	25.8	221	2.7	4.9	166	1.51	10.6	2.3	88.7	8.0	78.5	0.25	0.57	0.14
2315130	Rock Pulp	0.06	1.879	3.23	34.34	6.11	49.3	388	25.1	11.1	448	2.77	8.5	0.2	1715.7	1.0	43.9	0.18	0.74	0.17
2315131	Rock	2.03	0.007	0.18	4.41	3.28	45.9	15	2.7	4.2	591	1.98	0.6	2.0	4.8	5.5	53.0	0.02	<0.02	0.21
2315132	Drill Core	7.15	0.130	9.15	72.88	5.70	22.4	119	2.7	4.7	163	1.39	9.1	2.4	47.6	7.9	75.4	0.24	0.49	0.16
2315133	Drill Core	8.00	0.081	8.17	49.38	5.11	21.9	93	3.2	4.5	169	1.57	7.6	2.2	55.5	7.7	66.2	0.21	0.56	0.16
2315134	Drill Core	8.28	0.154	32.21	116.34	6.09	24.9	166	2.9	4.8	186	1.59	7.2	2.4	104.8	7.6	77.7	0.25	0.66	0.35
2315135	Drill Core	6.01	0.247	15.27	88.19	5.81	27.0	141	2.8	5.4	238	1.88	9.5	3.0	167.8	7.9	96.5	0.24	0.84	0.25
2315136	Drill Core	5.29	0.203	4.13	185.24	5.81	27.6	263	2.7	4.7	179	1.47	9.4	2.6	162.7	8.1	82.1	0.26	0.72	0.81
2315137	Drill Core	5.48	0.313	57.72	216.46	5.89	31.3	424	2.6	4.2	201	1.34	8.8	2.1	212.6	6.7	62.3	0.26	0.74	1.06
2315138	Drill Core	6.51	0.095	35.87	154.25	4.92	31.2	254	3.5	6.5	255	2.06	12.6	2.5	210.6	7.1	86.6	0.25	0.81	0.37
2315139	Drill Core	7.24	0.211	18.72	206.47	4.21	31.7	325	3.1	5.0	297	1.99	14.2	3.2	104.1	7.4	70.9	0.16	0.91	1.97

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315123	Drill Core	1.31	0.092	10.7	19.5	1.09	58.4	0.107	<20	1.44	0.112	0.03	0.3	5.7	0.03	0.26	<5	0.6	0.03	5.4	1.17
2315124	Drill Core	1.16	0.082	12.4	14.0	0.77	31.7	0.104	<20	1.10	0.138	0.03	0.2	3.4	0.03	0.14	7	0.3	<0.02	4.4	1.27
2315125	Drill Core	1.18	0.093	10.3	18.8	1.06	103.3	0.106	<20	1.63	0.104	0.15	0.4	4.3	0.07	0.11	<5	0.3	0.49	5.0	2.95
2315126	Drill Core	1.18	0.094	13.5	21.7	1.29	55.8	0.139	<20	1.78	0.134	0.07	0.3	5.0	0.03	0.20	8	0.5	0.18	6.3	1.72
2315127	Drill Core	1.27	0.092	12.0	17.9	1.13	34.4	0.122	<20	1.52	0.083	0.04	0.3	4.5	0.02	0.18	<5	0.3	<0.02	5.9	2.19
2315128	Drill Core	1.01	0.086	13.0	17.7	0.88	52.3	0.149	<20	1.34	0.135	0.08	0.3	2.9	0.04	0.17	<5	0.4	<0.02	5.4	1.10
2315129	Drill Core	1.03	0.089	12.4	13.8	0.67	69.6	0.149	<20	1.35	0.229	0.10	0.2	2.2	0.06	0.12	<5	0.2	0.04	4.8	0.71
2315130	Rock Pulp	0.80	0.063	4.3	30.5	0.84	109.5	0.112	<20	1.65	0.092	0.17	13.0	4.9	0.05	0.04	84	<0.1	0.08	5.4	0.44
2315131	Rock	0.44	0.075	10.5	6.7	0.48	168.7	0.118	<20	0.87	0.065	0.46	<0.1	2.2	0.31	<0.02	<5	<0.1	<0.02	4.6	3.65
2315132	Drill Core	1.01	0.089	13.8	13.3	0.61	84.4	0.144	<20	1.19	0.205	0.11	0.2	2.2	0.05	0.10	<5	0.3	0.04	4.7	0.74
2315133	Drill Core	0.99	0.099	13.9	13.3	0.66	62.8	0.145	<20	1.10	0.142	0.10	0.3	2.2	0.05	0.09	<5	0.1	<0.02	4.4	0.99
2315134	Drill Core	1.08	0.082	12.8	13.8	0.76	67.1	0.141	<20	1.22	0.167	0.10	0.2	2.5	0.05	0.10	<5	0.1	0.05	4.6	1.09
2315135	Drill Core	1.42	0.083	12.3	16.4	0.84	61.4	0.130	<20	1.25	0.146	0.08	0.2	3.3	0.04	0.11	<5	0.2	0.05	5.4	1.14
2315136	Drill Core	1.11	0.085	13.1	13.3	0.69	107.1	0.112	<20	1.17	0.169	0.12	0.2	2.6	0.07	0.10	<5	0.3	0.09	4.5	1.52
2315137	Drill Core	1.11	0.094	11.7	12.6	0.72	37.1	0.080	<20	0.95	0.114	0.03	0.2	2.8	0.04	0.10	11	0.7	0.03	3.7	1.11
2315138	Drill Core	1.26	0.087	13.5	17.3	1.12	126.6	0.143	<20	1.65	0.182	0.10	0.2	4.5	0.06	0.14	<5	0.2	0.07	5.8	1.48
2315139	Drill Core	1.46	0.085	12.3	18.9	1.16	58.2	0.057	<20	1.67	0.069	0.17	0.1	4.3	0.06	0.08	9	0.4	0.80	5.1	3.47

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315123	Drill Core	0.2	0.21	0.11	1.4	1.9	<0.05	7.6	7.70	21.5	0.04	14	0.2	14.3	<10	2					
2315124	Drill Core	<0.1	0.25	0.14	1.3	1.9	<0.05	7.7	6.31	25.2	0.07	<1	0.2	11.9	<10	<2					
2315125	Drill Core	<0.1	0.23	0.09	5.4	1.5	<0.05	8.4	7.54	21.7	0.04	4	0.3	13.7	<10	<2					
2315126	Drill Core	0.2	0.29	0.13	2.4	1.6	<0.05	7.7	7.58	27.9	0.03	18	0.4	17.2	<10	<2	63.61	16.34	4.00	2.60	5.50
2315127	Drill Core	0.2	0.20	0.16	2.0	1.1	<0.05	5.9	6.33	24.3	0.03	10	0.2	16.6	<10	<2					
2315128	Drill Core	0.1	0.21	0.15	2.9	0.9	<0.05	5.1	5.93	26.0	0.03	8	0.2	12.1	<10	<2					
2315129	Drill Core	0.1	0.17	0.14	3.5	1.1	<0.05	5.2	6.39	26.7	0.03	7	0.2	8.1	<10	<2					
2315130	Rock Pulp	<0.1	0.13	0.03	5.5	0.6	<0.05	4.3	6.65	9.0	0.02	<1	0.2	12.4	<10	<2					
2315131	Rock	<0.1	0.04	0.27	47.4	0.6	<0.05	0.8	4.45	20.3	<0.02	<1	0.2	31.9	<10	<2					
2315132	Drill Core	<0.1	0.19	0.12	3.8	0.9	<0.05	5.7	6.09	28.0	0.03	8	0.1	7.1	<10	2					
2315133	Drill Core	0.2	0.20	0.14	3.5	0.9	<0.05	6.0	6.29	28.7	0.02	9	0.2	7.5	<10	<2					
2315134	Drill Core	0.1	0.20	0.14	3.7	1.0	<0.05	6.1	6.20	26.7	0.04	42	0.3	8.7	<10	<2					
2315135	Drill Core	0.1	0.22	0.11	3.3	1.1	<0.05	8.3	6.69	25.7	0.06	26	0.1	9.7	<10	<2					
2315136	Drill Core	<0.1	0.19	0.09	4.8	1.1	<0.05	7.2	7.01	28.2	0.04	3	0.2	7.3	<10	<2					
2315137	Drill Core	<0.1	0.21	0.06	1.7	1.1	<0.05	7.2	6.35	25.8	<0.02	150	0.2	9.1	29	7					
2315138	Drill Core	0.2	0.23	0.09	3.3	0.9	<0.05	7.1	7.18	28.3	0.02	26	0.2	12.8	17	<2					
2315139	Drill Core	<0.1	0.19	0.04	5.3	0.6	<0.05	7.7	9.17	26.8	<0.02	36	0.4	11.2	<10	<2					

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Project: 210800

Report Date: November 04, 2013

Page: 5 of 5

Part: 4 of 6

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315123	Drill Core																				
2315124	Drill Core																				
2315125	Drill Core																				
2315126	Drill Core	3.69	0.73	0.64	0.21	0.06	0.004	<20	12	2.3	99.74	548	<1	7.0	2.7	17.2	3.3	6.6	22.7	4	673.3
2315127	Drill Core																				
2315128	Drill Core																				
2315129	Drill Core																				
2315130	Rock Pulp																				
2315131	Rock																				
2315132	Drill Core																				
2315133	Drill Core																				
2315134	Drill Core																				
2315135	Drill Core																				
2315136	Drill Core																				
2315137	Drill Core																				
2315138	Drill Core																				
2315139	Drill Core																				

CERTIFICATE OF ANALYSIS

WHI13000212.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315123	Drill Core																			
2315124	Drill Core																			
2315125	Drill Core																			
2315126	Drill Core	0.6	8.7	4.1	105	1.4	129.9	15.3	25.3	47.8	5.94	22.5	4.25	1.18	3.63	0.55	2.90	0.61	1.39	0.22
2315127	Drill Core																			
2315128	Drill Core																			
2315129	Drill Core																			
2315130	Rock Pulp																			
2315131	Rock																			
2315132	Drill Core																			
2315133	Drill Core																			
2315134	Drill Core																			
2315135	Drill Core																			
2315136	Drill Core																			
2315137	Drill Core																			
2315138	Drill Core																			
2315139	Drill Core																			

CERTIFICATE OF ANALYSIS

WHI13000212.2

Method	4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
Unit	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
MDL	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
2315123	Drill Core																
2315124	Drill Core																
2315125	Drill Core																
2315126	Drill Core	0.25	0.13	0.22	18.3	154.5	5.5	37	3.8	15.9	0.2	0.5	0.6	0.4	57.0	<0.01	<0.1
2315127	Drill Core																
2315128	Drill Core																
2315129	Drill Core																
2315130	Rock Pulp																
2315131	Rock																
2315132	Drill Core																
2315133	Drill Core																
2315134	Drill Core																
2315135	Drill Core																
2315136	Drill Core																
2315137	Drill Core																
2315138	Drill Core																
2315139	Drill Core																

QUALITY CONTROL REPORT

WHI13000212.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
2315066	Drill Core	5.01	0.130	6.66	25.43	9.50	30.7	157	1.9	1.9	193	0.77	13.1	1.7	402.3	6.5	59.1	0.36	0.31	0.28	28
Pulp Duplicates																					
REP G1-WHI	QC		0.005																		
2315036	Drill Core	6.39	0.172	8.37	417.59	4.76	80.7	775	3.0	7.5	284	2.09	13.0	1.0	237.1	3.7	70.1	0.71	0.51	0.26	77
REP 2315036	QC		0.153																		
2315053	Drill Core	3.74	0.033	3.46	9.47	34.10	607.3	427	1.4	1.2	238	0.79	18.4	2.6	47.3	7.5	47.8	7.55	0.16	0.54	5
REP 2315053	QC			4.05	10.27	33.26	602.5	427	1.0	1.5	238	0.78	18.1	2.7	30.7	7.8	47.4	7.98	0.14	0.54	5
2315088	Drill Core	7.84	0.112	8.73	205.09	6.50	36.8	628	2.8	5.6	305	1.86	6.7	2.0	156.5	7.6	87.8	0.29	0.31	0.13	58
REP 2315088	QC		0.110																		
2315089	Drill Core	6.92	0.107	6.96	93.00	4.80	23.4	151	2.7	5.6	192	2.03	7.5	2.3	76.1	7.7	63.4	0.18	0.24	0.14	59
REP 2315089	QC			7.30	94.00	5.14	25.9	153	2.9	5.7	199	2.07	7.8	2.4	81.2	8.1	62.6	0.17	0.24	0.14	61
2315124	Drill Core	5.59	0.189	2.70	588.04	5.21	44.6	1266	2.9	3.9	216	1.32	7.7	1.9	123.8	7.3	71.6	0.47	0.50	0.15	36
REP 2315124	QC			2.42	584.84	5.18	43.0	1111	3.0	4.2	219	1.33	7.4	1.9	94.1	7.5	70.4	0.52	0.52	0.14	36
2315134	Drill Core	8.28	0.154	32.21	116.34	6.09	24.9	166	2.9	4.8	186	1.59	7.2	2.4	104.8	7.6	77.7	0.25	0.66	0.35	47
REP 2315134	QC		0.147																		
2315137	Drill Core	5.48	0.313	57.72	216.46	5.89	31.3	424	2.6	4.2	201	1.34	8.8	2.1	212.6	6.7	62.3	0.26	0.74	1.06	36
REP 2315137	QC			49.64	216.37	5.81	28.8	383	3.7	4.4	197	1.30	8.2	2.0	177.8	6.6	62.8	0.32	0.66	1.09	35
Core Reject Duplicates																					
2315037	Drill Core	6.10	0.193	16.64	335.34	5.30	58.2	743	2.4	11.1	374	2.58	16.2	1.0	485.4	3.5	85.6	0.33	0.75	1.48	108
DUP 2315037	QC		0.208	17.16	339.96	5.57	64.3	592	3.2	9.5	398	2.72	16.4	1.1	191.8	3.6	94.9	0.38	0.74	1.25	111
2315071	Rock	1.21	0.006	0.20	2.94	3.62	45.5	6	3.0	3.9	606	2.00	0.2	1.6	2.2	5.5	70.2	0.01	<0.02	0.03	37
DUP 2315071	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
2315105	Drill Core	7.11	0.100	13.16	135.15	5.80	29.6	347	3.2	7.9	270	1.75	15.0	2.3	70.0	7.2	97.1	0.23	0.41	0.49	60
DUP 2315105	QC		0.098	13.46	126.18	6.06	30.7	329	3.0	7.7	283	1.72	15.0	2.5	95.9	7.4	89.5	0.21	0.43	0.50	60
2315139	Drill Core	7.24	0.211	18.72	206.47	4.21	31.7	325	3.1	5.0	297	1.99	14.2	3.2	104.1	7.4	70.9	0.16	0.91	1.97	56
DUP 2315139	QC		0.201	18.62	216.31	4.52	33.2	394	3.8	4.6	301	1.98	13.0	3.2	215.4	7.3	79.8	0.24	0.91	1.59	57
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard			11.95	111.57	128.35	314.2	1980	38.3	7.8	560	2.35	26.6	2.7	96.4	6.6	70.3	2.42	4.26	6.40	40

QUALITY CONTROL REPORT

WHI13000212.2

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
2315066 Drill Core	0.75	0.087	8.8	10.5	0.72	25.6	0.058	<20	0.82	0.098	0.01	0.2	2.6	<0.02	0.07	16	<0.1	<0.02	3.4
Pulp Duplicates																			
REP G1-WHI QC																			
2315036 Drill Core	1.62	0.117	9.9	8.2	0.95	49.4	0.119	<20	1.59	0.153	0.09	0.2	4.4	0.03	0.18	<5	0.2	0.03	6.8
REP 2315036 QC																			
2315053 Drill Core	2.59	0.117	4.5	6.0	0.19	50.1	0.002	57	0.58	0.017	0.12	<0.1	1.1	0.10	0.29	65	0.2	0.03	1.4
REP 2315053 QC	2.62	0.119	4.4	5.8	0.19	46.8	0.002	46	0.58	0.017	0.12	<0.1	1.1	0.09	0.28	55	<0.1	0.03	1.3
2315088 Drill Core	1.16	0.091	13.2	20.1	0.94	47.9	0.133	<20	1.40	0.136	0.08	0.2	3.7	0.03	0.11	6	<0.1	<0.02	5.9
REP 2315088 QC																			
2315089 Drill Core	0.91	0.088	13.2	19.9	0.84	56.4	0.169	<20	1.36	0.131	0.15	0.1	2.6	0.07	0.11	10	<0.1	<0.02	6.0
REP 2315089 QC	0.94	0.087	14.0	19.3	0.85	57.8	0.173	<20	1.40	0.136	0.15	0.2	2.7	0.07	0.11	9	<0.1	<0.02	6.2
2315124 Drill Core	1.16	0.082	12.4	14.0	0.77	31.7	0.104	<20	1.10	0.138	0.03	0.2	3.4	0.03	0.14	7	0.3	<0.02	4.4
REP 2315124 QC	1.16	0.083	12.2	14.3	0.77	31.7	0.103	<20	1.09	0.138	0.03	0.2	3.6	0.02	0.14	<5	0.3	0.03	4.2
2315134 Drill Core	1.08	0.082	12.8	13.8	0.76	67.1	0.141	<20	1.22	0.167	0.10	0.2	2.5	0.05	0.10	<5	0.1	0.05	4.6
REP 2315134 QC																			
2315137 Drill Core	1.11	0.094	11.7	12.6	0.72	37.1	0.080	<20	0.95	0.114	0.03	0.2	2.8	0.04	0.10	11	0.7	0.03	3.7
REP 2315137 QC	1.10	0.089	11.6	11.9	0.71	36.1	0.079	<20	0.95	0.116	0.03	0.1	2.5	0.04	0.09	<5	0.2	0.07	3.6
Core Reject Duplicates																			
2315037 Drill Core	1.66	0.122	9.1	11.0	1.63	69.5	0.176	<20	2.22	0.153	0.09	0.2	4.7	<0.02	0.20	<5	0.5	0.64	8.4
DUP 2315037 QC	1.74	0.113	9.5	11.9	1.66	74.7	0.188	<20	2.41	0.187	0.11	0.2	5.6	0.03	0.20	<5	0.7	0.57	9.2
2315071 Rock	0.51	0.076	13.6	6.0	0.52	190.8	0.129	<20	1.05	0.113	0.51	<0.1	2.2	0.32	<0.02	<5	<0.1	<0.02	5.1
DUP 2315071 QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
2315105 Drill Core	1.62	0.093	15.5	17.9	0.85	50.5	0.154	<20	1.51	0.218	0.09	4.9	4.6	0.06	0.16	<5	0.3	0.04	5.7
DUP 2315105 QC	1.61	0.091	15.8	17.8	0.85	50.7	0.154	<20	1.49	0.209	0.09	4.7	4.8	0.04	0.16	<5	0.3	0.04	5.3
2315139 Drill Core	1.46	0.085	12.3	18.9	1.16	58.2	0.057	<20	1.67	0.069	0.17	0.1	4.3	0.06	0.08	9	0.4	0.80	5.1
DUP 2315139 QC	1.49	0.090	13.5	17.6	1.15	78.5	0.064	<20	1.83	0.103	0.21	<0.1	4.7	0.08	0.08	<5	<0.1	0.56	5.1
Reference Materials																			
STD DS10 Standard																			
STD DS9 Standard	0.69	0.090	11.5	116.8	0.62	325.4	0.104	<20	0.93	0.079	0.39	2.8	2.4	5.23	0.17	193	5.5	4.72	4.5

QUALITY CONTROL REPORT

WHI13000212.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315066	Drill Core	0.1	0.10	0.08	0.6	1.2	<0.05	1.7	4.65	19.2	0.04	13	<0.1	13.3	<10	<2	65.34	16.10	2.43	2.63	6.30
Pulp Duplicates																					
REP G1-WHI	QC																				
2315036	Drill Core	0.3	0.07	0.05	3.2	1.4	<0.05	1.7	6.40	22.2	0.08	9	0.3	13.6	<10	2					
REP 2315036	QC																				
2315053	Drill Core	<0.1	0.06	<0.02	4.8	0.5	<0.05	2.7	7.60	10.1	0.07	3	0.2	3.9	<10	3					
REP 2315053	QC	<0.1	0.05	<0.02	5.1	0.5	<0.05	2.2	7.49	10.5	0.06	<1	0.2	3.8	<10	<2					
2315088	Drill Core	0.2	0.12	0.10	2.9	1.0	<0.05	3.3	6.12	25.3	0.04	9	0.3	12.3	<10	<2					
REP 2315088	QC																				
2315089	Drill Core	0.2	0.05	0.11	6.1	0.5	<0.05	1.9	4.88	25.4	<0.02	7	0.2	10.4	<10	<2					
REP 2315089	QC	0.2	0.06	0.12	6.1	0.6	<0.05	2.0	4.85	25.6	<0.02	14	0.2	11.1	<10	<2					
2315124	Drill Core	<0.1	0.25	0.14	1.3	1.9	<0.05	7.7	6.31	25.2	0.07	<1	0.2	11.9	<10	<2					
REP 2315124	QC	0.2	0.22	0.13	1.3	2.0	<0.05	7.9	6.40	25.0	0.08	<1	0.2	11.5	<10	<2					
2315134	Drill Core	0.1	0.20	0.14	3.7	1.0	<0.05	6.1	6.20	26.7	0.04	42	0.3	8.7	<10	<2					
REP 2315134	QC																				
2315137	Drill Core	<0.1	0.21	0.06	1.7	1.1	<0.05	7.2	6.35	25.8	<0.02	150	0.2	9.1	29	7					
REP 2315137	QC	0.2	0.23	0.07	1.6	1.2	<0.05	7.1	6.63	24.6	<0.02	135	0.3	9.0	31	<2					
Core Reject Duplicates																					
2315037	Drill Core	0.1	0.06	0.07	3.6	0.8	<0.05	1.4	6.36	19.1	0.07	27	0.2	19.3	<10	<2					
DUP 2315037	QC	0.1	0.09	0.11	4.1	0.9	<0.05	1.6	7.14	21.1	0.04	22	0.3	19.0	13	<2					
2315071	Rock	<0.1	0.06	0.25	47.3	0.6	<0.05	1.1	5.49	25.3	0.02	<1	0.4	32.4	<10	<2					
DUP 2315071	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.					
2315105	Drill Core	0.2	0.25	0.15	3.6	1.8	<0.05	7.8	7.83	31.0	0.04	29	0.3	10.1	<10	<2					
DUP 2315105	QC	0.2	0.24	0.16	3.6	1.6	<0.05	8.1	7.50	29.4	0.04	33	0.2	10.5	<10	<2					
2315139	Drill Core	<0.1	0.19	0.04	5.3	0.6	<0.05	7.7	9.17	26.8	<0.02	36	0.4	11.2	<10	<2					
DUP 2315139	QC	0.2	0.20	0.05	6.8	0.9	<0.05	7.7	9.10	29.2	<0.02	23	0.5	12.1	14	<2					
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard	<0.1	0.07	0.78	32.1	7.1	<0.05	1.7	5.28	23.0	2.43	57	6.0	26.0	101	350					

QUALITY CONTROL REPORT

WHI13000212.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315066	Drill Core	4.16	0.24	0.64	0.19	0.04	0.003	<20	11	1.7	99.79	234	2	2.9	1.7	17.7	2.8	6.5	5.2	5	734.0
Pulp Duplicates																					
REP G1-WHI	QC																				
2315036	Drill Core																				
REP 2315036	QC																				
2315053	Drill Core																				
REP 2315053	QC																				
2315088	Drill Core																				
REP 2315088	QC																				
2315089	Drill Core																				
REP 2315089	QC																				
2315124	Drill Core																				
REP 2315124	QC																				
2315134	Drill Core																				
REP 2315134	QC																				
2315137	Drill Core																				
REP 2315137	QC																				
Core Reject Duplicates																					
2315037	Drill Core																				
DUP 2315037	QC																				
2315071	Rock																				
DUP 2315071	QC																				
2315105	Drill Core																				
DUP 2315105	QC																				
2315139	Drill Core																				
DUP 2315139	QC																				
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard																				

QUALITY CONTROL REPORT

WHI13000212.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01	0.05
2315066	Drill Core	0.4	7.7	3.7	88	1.8	114.5	14.9	23.0	51.3	6.57	26.6	4.47	1.33	3.86	0.55	2.91	0.52	1.35	0.21	1.49
Pulp Duplicates																					
REP G1-WHI	QC																				
2315036	Drill Core																				
REP 2315036	QC																				
2315053	Drill Core																				
REP 2315053	QC																				
2315088	Drill Core																				
REP 2315088	QC																				
2315089	Drill Core																				
REP 2315089	QC																				
2315124	Drill Core																				
REP 2315124	QC																				
2315134	Drill Core																				
REP 2315134	QC																				
2315137	Drill Core																				
REP 2315137	QC																				
Core Reject Duplicates																					
2315037	Drill Core																				
DUP 2315037	QC																				
2315071	Rock																				
DUP 2315071	QC																				
2315105	Drill Core																				
DUP 2315105	QC																				
2315139	Drill Core																				
DUP 2315139	QC																				
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard																				

QUALITY CONTROL REPORT

WHI13000212.2

	Method Analyte Unit MDL	4A-4B 2A Leco 2A Leco		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
2315066	Drill Core	0.21	0.09	0.09	6.7	21.3	8.1	29	1.9	11.6	0.2	0.3	0.2	0.1	145.4	<0.01	<0.1	<0.5
Pulp Duplicates																		
REP G1-WHI	QC																	
2315036	Drill Core																	
REP 2315036	QC																	
2315053	Drill Core																	
REP 2315053	QC																	
2315088	Drill Core																	
REP 2315088	QC																	
2315089	Drill Core																	
REP 2315089	QC																	
2315124	Drill Core																	
REP 2315124	QC																	
2315134	Drill Core																	
REP 2315134	QC																	
2315137	Drill Core																	
REP 2315137	QC																	
Core Reject Duplicates																		
2315037	Drill Core																	
DUP 2315037	QC																	
2315071	Rock																	
DUP 2315071	QC																	
2315105	Drill Core																	
DUP 2315105	QC																	
2315139	Drill Core																	
DUP 2315139	QC																	
Reference Materials																		
STD DS10	Standard				15.2	152.4	170.1	368	81.8	41.6	2.3	6.4	11.0	2.4	101.6	0.31	5.4	3.0
STD DS9	Standard																	

Acme Analytical Laboratories (Vancouver) Ltd.

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QUALITY CONTROL REPORT

WHI13000212.2

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
STD DS9	Standard			12.61	108.80	133.18	314.5	1825	38.7	7.5	563	2.36	25.7	2.8	184.5	6.6	68.7	2.28	4.50	6.97	40
STD DS9	Standard			10.67	113.82	130.57	338.6	1781	40.4	7.7	612	2.36	26.9	2.6	130.9	6.0	70.4	2.50	4.44	6.45	40
STD DS9	Standard			11.91	112.03	132.94	325.3	1740	40.8	7.4	597	2.35	26.6	2.6	125.2	6.1	68.4	2.37	4.25	7.16	40
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard			1.14	645.34	15.01	28.3	263	367.9	49.8	367	22.97	7.1	1.8	50.3	11.2	3.9	0.03	0.15	0.27	312
STD OREAS45EA	Standard			1.26	638.36	15.18	27.3	245	358.0	48.8	375	22.77	6.9	1.8	60.1	10.3	3.6	0.03	0.17	0.34	306
STD OREAS45EA	Standard			1.10	674.86	14.52	27.0	243	379.0	46.6	371	23.46	7.5	1.7	60.9	10.5	4.1	0.03	0.13	0.26	318
STD OREAS45EA	Standard			1.25	612.41	14.10	25.4	233	345.1	50.6	371	22.53	5.4	1.7	55.3	9.6	3.5	0.02	0.16	0.27	300
STD OREAS45EA	Standard																				
STD OXC109	Standard		0.196																		
STD OXC109	Standard		0.192																		
STD OXC109	Standard		0.202																		
STD OXC109	Standard		0.199																		
STD OXC109	Standard		0.199																		
STD OXI96	Standard		1.718																		
STD OXI96	Standard		1.710																		
STD OXI96	Standard		1.831																		
STD OXI96	Standard		1.820																		
STD OXI96	Standard		1.889																		
STD OXL93	Standard		5.712																		
STD OXL93	Standard		6.108																		
STD OXL93	Standard		5.748																		
STD OXL93	Standard		5.804																		
STD OXL93	Standard		5.805																		
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OXC109 Expected			0.201																		
STD OXI96 Expected			1.802																		

QUALITY CONTROL REPORT

WHI13000212.2

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
STD DS9	Standard	0.69	0.087	11.7	113.7	0.62	321.0	0.101	<20	0.92	0.076	0.39	2.5	2.2	5.43	0.17	179	5.5	5.79	4.4	2.44
STD DS9	Standard	0.68	0.083	11.4	116.1	0.62	322.8	0.104	<20	0.92	0.074	0.40	2.3	2.3	5.16	0.17	202	5.2	5.02	4.5	2.45
STD DS9	Standard	0.69	0.081	11.6	118.7	0.62	326.8	0.102	<20	0.91	0.077	0.39	3.2	2.4	5.18	0.17	203	4.8	5.15	4.1	2.40
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	0.03	0.026	6.9	736.2	0.09	147.9	0.087	<20	3.12	0.020	0.06	<0.1	74.3	<0.02	0.04	15	0.4	0.06	11.6	0.59
STD OREAS45EA	Standard	0.03	0.028	6.2	811.5	0.10	144.7	0.083	<20	3.10	0.019	0.07	<0.1	73.6	<0.02	0.04	14	0.3	0.15	11.2	0.64
STD OREAS45EA	Standard	0.04	0.028	6.7	722.7	0.09	140.6	0.085	<20	3.23	0.019	0.07	<0.1	71.7	<0.02	0.04	11	0.2	<0.02	12.7	0.61
STD OREAS45EA	Standard	0.04	0.025	6.0	756.8	0.09	135.7	0.080	<20	2.96	0.019	0.06	<0.1	67.9	<0.02	0.03	17	0.3	0.05	11.4	0.57
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OXC109 Expected																					
STD OXI96 Expected																					

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Project: 210800

Report Date: November 04, 2013

Page: 2 of 3

Part: 3 of 6

QUALITY CONTROL REPORT

WHI13000212.2

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01
STD DS9	Standard	0.1	0.08	1.02	33.5	6.3	<0.05	1.9	5.19	22.8	2.42	73	5.2	25.5	136	399					
STD DS9	Standard	0.1	0.05	0.72	36.0	6.7	<0.05	1.8	5.06	21.2	2.50	56	5.5	25.0	103	354					
STD DS9	Standard	0.1	0.07	0.77	34.4	6.5	<0.05	1.7	5.31	21.8	2.40	64	5.7	26.3	145	360					
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	0.2	0.54	0.05	6.8	0.9	<0.05	20.2	5.17	17.9	0.09	<1	0.4	2.4	66	110					
STD OREAS45EA	Standard	0.2	0.64	0.05	6.9	0.8	<0.05	21.9	5.26	17.5	0.03	<1	0.2	2.3	68	114					
STD OREAS45EA	Standard	0.1	0.55	0.06	7.0	0.8	<0.05	20.0	5.14	17.6	0.08	<1	0.4	2.3	74	102					
STD OREAS45EA	Standard	0.2	0.67	0.04	5.9	0.6	<0.05	20.4	5.04	15.8	0.12	<1	0.3	2.5	82	83					
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard																58.24	14.12	7.64	3.37	6.30
STD SO-18	Standard																58.05	14.05	7.78	3.40	6.27
STD OXC109 Expected																					
STD OXI96 Expected																					

QUALITY CONTROL REPORT

WHI13000212.2

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard	3.64	2.13	0.69	0.79	0.40	0.542	41	24	1.9	99.76	482	<1	24.1	6.9	16.6	8.0	18.1	25.9	12	387.4
STD SO-18	Standard	3.70	2.17	0.69	0.81	0.40	0.543	37	24	1.9	99.76	477	1	24.4	6.1	16.2	8.7	18.4	26.5	15	390.8
STD OXC109 Expected																					
STD OXI96 Expected																					

QUALITY CONTROL REPORT

WHI13000212.2

		4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05	4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05	4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard	5.8	9.2	14.9	195	12.9	264.3	28.4	12.0	25.9	3.14	12.3	2.69	0.79	2.70	0.45	2.92	0.56	1.79	0.24	1.53
STD SO-18	Standard	6.5	9.7	15.6	199	13.9	264.9	27.8	11.6	24.5	3.12	12.6	2.59	0.81	2.81	0.44	2.61	0.62	1.62	0.25	1.71
STD OXC109 Expected																					
STD OXI96 Expected																					

QUALITY CONTROL REPORT

WHI13000212.2

		4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
STD DS9	Standard																	
STD DS9	Standard																	
STD DS9	Standard																	
STD GS311-1	Standard		0.99	2.28														
STD GS910-4	Standard		2.63	8.42														
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard				1.5	706.7	14.4	31	392.7	8.6	<0.1	0.1	0.2	0.3	61.9	0.01	<0.1	0.8
STD OXC109	Standard																	
STD OXC109	Standard																	
STD OXC109	Standard																	
STD OXC109	Standard																	
STD OXC109	Standard																	
STD OXI96	Standard																	
STD OXI96	Standard																	
STD OXI96	Standard																	
STD OXI96	Standard																	
STD OXI96	Standard																	
STD OXL93	Standard																	
STD OXL93	Standard																	
STD OXL93	Standard																	
STD OXL93	Standard																	
STD OXL93	Standard																	
STD SO-18	Standard	0.26																
STD SO-18	Standard	0.26																
STD OXC109 Expected																		
STD OXI96 Expected																		

QUALITY CONTROL REPORT

WHI13000212.2

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
STD OXL93 Expected		5.841																		
STD DS9 Expected		12.84 108 126 317 1830 40.3 7.6 575 2.33 25.5 2.69 118 6.38 69.6 2.4 4.94 6.32 40																		
STD DS10 Expected																				
STD OREAS45EA Expected		1.39 709 14.3 28.9 260 381 52 400 23.51 9.1 1.73 53 10.7 3.5 0.02 0.2 0.26 303																		
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD SO-18 Expected																				
BLK	Blank	0.006																		
BLK	Blank	0.007																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	0.006																		
BLK	Blank	0.010																		
BLK	Blank	0.03 <0.01 <0.01 <0.1 8 <0.1 <0.1 <1 <0.01 <0.1 <0.1 <0.2 <0.1 <0.5 <0.01 <0.02 <0.02 <2																		
BLK	Blank	<0.01 <0.01 <0.01 <0.1 5 <0.1 <0.1 <1 <0.01 0.5 <0.1 <0.2 <0.1 <0.5 <0.01 <0.02 <0.02 <2																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.01 <0.01 0.02 <0.1 <2 <0.1 <0.1 <1 <0.01 <0.1 <0.1 <0.1 <0.5 <0.01 <0.02 <0.02 <2																		
BLK	Blank	<0.01 <0.01 <0.01 <0.1 <2 <0.1 <0.1 <1 <0.01 <0.1 <0.1 <0.2 <0.1 <0.5 <0.01 <0.02 <0.02 <2																		
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1-WHI	Prep Blank	0.008 0.09 3.53 6.49 40.4 9 3.1 3.9 569 2.06 5.5 2.3 27.3 5.9 65.0 0.04 0.03 0.05 36																		
G1-WHI	Prep Blank	0.07 3.41 5.72 47.2 16 2.8 3.7 600 1.97 3.7 1.7 1.4 5.1 54.0 0.01 0.02 0.06 35																		
G1-WHI	Prep Blank	<0.005																		

QUALITY CONTROL REPORT

WHI13000212.2

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
STD OXL93 Expected																					
STD DS9 Expected		0.7201	0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37
STD DS10 Expected																					
STD OREAS45EA Expected		0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053		78	0.072	0.036	10	0.63	0.07	11.7	0.63
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	0.04	<0.1	<0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank	0.49	0.071	11.6	9.3	0.50	174.1	0.119	<20	1.03	0.125	0.52	0.1	2.3	0.32	<0.02	<5	<0.1	0.05	4.8	3.63
G1-WHI	Prep Blank	0.43	0.078	10.8	8.9	0.51	185.5	0.118	<20	0.89	0.073	0.48	<0.1	2.1	0.34	<0.02	<5	<0.1	0.03	5.0	3.74
G1-WHI	Prep Blank																				

QUALITY CONTROL REPORT

WHI13000212.2

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01
STD OXL93 Expected																					
STD DS9 Expected		0.1	0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350					
STD DS10 Expected																					
STD OREAS45EA Expected		0.26	0.57	0.06	7.04	0.83		20	5.09	17.7	0.08		0.41	2.37	66	108					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected																	58.47	14.23	7.67	3.35	6.42
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2					
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	2					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2					
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																<0.01	<0.01	<0.04	<0.01	<0.01
Prep Wash																					
G1-WHI	Prep Blank	0.4	0.06	0.25	44.5	0.5	<0.05	1.0	4.79	22.9	0.03	<1	0.4	31.1	<10	<2					
G1-WHI	Prep Blank	0.2	0.05	0.32	45.7	0.6	<0.05	1.0	4.55	20.3	<0.02	<1	0.3	35.0	<10	<2					
G1-WHI	Prep Blank																				



PHONE (604) 253-3158

Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Report Date: November 04, 2013

Part: 4 of 6

WHI13000212.2

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.



www.acmelab.com

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800
Report Date: November 04, 2013

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Page: 3 of 3

Part: 5 of 6

QUALITY CONTROL REPORT

WHI13000212.2

		4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05	4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05	4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05
STD OXL93 Expected																					
STD DS9 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected		7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93	0.53	3	0.62	1.84	0.27	1.79
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<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	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05
Prep Wash																					
G1-WHI	Prep Blank																				
G1-WHI	Prep Blank																				
G1-WHI	Prep Blank																				



PHONE (604) 253-3158

Project: 210800
Report Date: November 04, 2013

Part: 6 of 6

WHI13000212.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Whitehorse
Received: July 30, 2013
Report Date: November 04, 2013
Page: 1 of 6

CERTIFICATE OF ANALYSIS

WHI13000213.2

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_007
P.O. Number
Number of Samples: 140

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	133	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
G601	140	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
1F04	140	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
4AB1	5	Whole Rock Analysis Majors and Trace Elements	0.2	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 4AB1 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. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
2315140	Drill Core	6.33	0.015	1.31	7.46	7.29	62.7	52	4.7	7.3	413	3.53	5.7	1.4	8.4	7.6	52.3	0.58	0.35	0.20	67
2315141	Drill Core	4.73	0.010	1.67	4.04	5.03	56.3	56	4.8	8.1	609	3.90	4.3	1.7	6.4	6.7	58.2	0.30	0.23	0.21	77
2315142	Drill Core	2.51	0.008	1.69	7.53	4.23	48.9	49	3.2	8.1	563	3.30	4.2	1.8	6.5	6.9	82.9	0.23	0.34	0.20	64
2315143	Drill Core	2.89	0.010	1.68	6.86	4.38	53.9	49	3.0	7.0	521	3.28	4.2	1.6	8.4	6.8	79.9	0.25	0.41	0.20	64
2315144	Drill Core	6.05	0.011	1.79	7.40	7.86	62.6	205	3.2	7.9	583	3.13	7.9	2.3	7.2	8.3	65.1	0.29	0.32	0.17	55
2315145	Drill Core	5.83	0.008	1.79	5.73	3.17	46.4	32	3.0	6.3	470	3.00	3.8	2.7	7.0	8.7	75.7	0.14	0.26	0.11	59
2315146	Drill Core	5.11	0.009	1.35	8.56	3.41	58.7	49	3.1	7.5	648	3.22	4.2	1.6	4.7	7.5	58.5	0.28	0.35	0.22	53
2315147	Drill Core	6.14	0.008	1.65	6.79	4.71	48.8	89	3.1	6.4	498	2.90	3.3	1.9	4.6	8.1	80.5	0.18	0.36	0.19	50
2315148	Drill Core	3.82	0.006	2.23	6.88	3.88	75.2	56	3.2	6.2	552	2.92	3.4	2.1	5.1	7.6	65.9	0.31	0.37	0.22	49
2315149	Drill Core	5.51	0.023	2.81	15.02	20.51	110.2	357	2.4	8.0	750	3.91	18.8	1.8	17.7	7.5	53.4	0.69	0.38	1.13	37
2315150	Rock Pulp	0.07	4.513	10.97	38.08	9.33	71.2	727	31.0	4.7	356	1.76	417.4	2.0	76.6	1.9	40.4	0.63	27.46	0.25	42
2315151	Rock	2.26	<0.005	0.11	3.38	3.85	47.4	8	3.1	4.3	648	2.26	0.4	2.9	0.3	6.4	72.6	0.02	0.03	0.05	39
2315152	Drill Core	5.18	0.021	2.12	30.67	63.18	350.2	635	2.7	9.1	675	3.28	18.5	1.2	24.1	6.9	125.1	4.02	0.47	1.60	30
2315153	Drill Core	5.81	0.012	1.39	18.07	8.57	229.9	176	3.8	5.8	633	2.68	7.1	1.4	6.8	7.5	153.5	2.72	0.52	0.67	58
2315154	Drill Core	5.73	0.012	2.80	8.67	17.81	103.4	307	2.8	6.7	607	2.98	15.5	2.0	6.3	7.7	73.3	0.62	0.25	1.06	37
2315155	Drill Core	4.43	0.029	2.23	7.41	20.45	41.4	2971	0.8	0.4	76	0.54	16.5	1.1	46.7	7.9	13.4	0.61	0.24	4.19	5
2315156	Drill Core	3.60	0.049	4.69	260.13	18.19	140.7	1888	1.2	3.4	160	2.30	135.5	0.7	54.9	7.6	9.6	1.36	2.67	3.84	7
2315157	Drill Core	5.64	0.037	2.06	42.23	45.46	219.1	1187	3.4	6.5	532	2.20	88.6	1.0	40.4	10.1	23.2	2.89	0.21	4.17	16
2315158	Drill Core	5.16	0.023	1.80	60.30	49.15	269.0	559	3.3	8.0	698	3.72	20.3	1.3	11.9	9.4	86.2	3.05	0.43	1.23	45
2315159	Drill Core	6.09	0.025	1.43	6.85	3.64	39.2	63	4.3	7.9	615	3.49	3.7	2.1	13.5	7.2	155.5	0.15	0.41	0.38	70
2315160	Drill Core	5.91	0.015	1.14	5.78	3.47	48.8	55	4.1	9.6	665	3.24	4.0	1.5	14.7	5.9	188.9	0.09	0.33	0.31	76
2315161	Drill Core	2.57	0.014	1.46	7.15	6.14	48.5	57	3.2	8.7	1096	3.21	7.1	2.8	15.5	6.9	237.8	0.13	0.12	0.52	57
2315162	Drill Core	2.57	0.019	2.21	11.15	7.16	68.2	106	3.6	10.0	825	3.74	15.0	2.2	9.2	6.2	166.5	0.34	0.15	0.66	51
2315163	Drill Core	3.26	0.020	2.22	30.56	20.97	103.4	459	4.3	11.2	535	3.89	71.0	2.2	18.0	6.2	74.1	0.78	0.20	2.47	43
2315164	Drill Core	3.60	0.022	1.95	33.01	18.73	96.9	417	4.2	11.1	578	3.90	71.7	2.0	21.0	5.8	74.3	0.73	0.21	2.63	41
2315165	Drill Core	3.04	0.030	1.60	18.61	25.76	154.1	354	4.9	14.8	567	3.89	91.2	2.6	28.6	3.5	62.9	1.18	0.16	3.13	43
2315166	Drill Core	6.43	0.091	2.55	20.15	18.97	75.7	1165	2.2	6.3	110	2.20	135.9	1.9	102.1	4.5	44.7	0.82	0.53	6.15	13
2315167	Drill Core	3.37	0.697	2.77	27.75	15.81	76.8	3114	7.6	18.5	115	3.30	5683.6	11.2	810.8	4.5	48.3	0.30	4.29	1.36	21
2315168	Drill Core	4.44	0.152	1.94	14.52	9.83	78.5	455	7.9	15.6	176	3.97	2344.0	12.7	154.8	5.9	47.5	0.17	1.25	0.45	39
2315169	Drill Core	3.87	0.024	3.60	86.97	69.60	310.8	909	3.8	11.4	606	4.62	35.1	3.0	15.1	5.6	63.9	4.10	0.33	1.90	46

CERTIFICATE OF ANALYSIS

WHI13000213.2

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315140	Drill Core	0.65	0.065	9.4	28.3	1.26	480.3	0.066	<20	1.62	0.113	0.12	0.1	7.3	0.04	0.09	<5	0.2	0.05	6.4	4.25
2315141	Drill Core	0.85	0.077	11.4	29.0	1.16	359.0	0.038	<20	1.71	0.133	0.12	<0.1	7.2	0.03	0.04	<5	<0.1	<0.02	6.8	4.68
2315142	Drill Core	1.23	0.077	9.6	20.9	0.95	255.4	0.057	<20	1.48	0.136	0.11	0.1	5.6	0.03	0.15	9	0.1	0.02	5.9	4.28
2315143	Drill Core	1.20	0.080	9.1	20.6	0.95	207.5	0.061	<20	1.48	0.142	0.11	0.1	5.8	0.03	0.17	10	0.1	<0.02	5.6	4.04
2315144	Drill Core	0.92	0.072	11.3	18.1	0.96	1084.6	0.031	<20	1.57	0.084	0.12	<0.1	5.8	0.05	0.05	<5	0.4	<0.02	5.6	5.98
2315145	Drill Core	1.15	0.074	10.5	18.9	1.04	172.7	0.077	<20	1.66	0.171	0.18	0.1	5.7	0.07	0.05	<5	<0.1	<0.02	5.6	4.34
2315146	Drill Core	0.93	0.076	12.0	18.4	1.12	307.0	0.012	<20	1.71	0.094	0.13	<0.1	6.6	0.06	0.07	<5	0.1	0.03	6.5	6.45
2315147	Drill Core	1.09	0.073	13.0	17.1	0.95	376.1	0.025	<20	1.70	0.149	0.16	<0.1	6.5	0.06	0.04	12	0.1	<0.02	6.0	5.65
2315148	Drill Core	0.95	0.073	12.0	16.1	1.00	379.5	0.024	<20	1.74	0.118	0.13	<0.1	6.6	0.06	0.03	11	0.1	<0.02	5.8	6.09
2315149	Drill Core	0.96	0.085	13.2	14.5	1.07	208.8	0.001	<20	2.10	0.016	0.28	<0.1	4.5	0.18	0.96	<5	1.7	0.42	5.6	9.34
2315150	Rock Pulp	8.63	0.043	4.5	23.4	4.51	79.4	0.001	<20	0.30	0.007	0.11	22.9	3.4	0.88	1.29	4421	1.5	0.20	0.8	0.64
2315151	Rock	0.63	0.075	14.9	8.4	0.57	195.1	0.142	<20	1.15	0.125	0.57	<0.1	2.7	0.33	<0.02	6	<0.1	<0.02	5.2	3.98
2315152	Drill Core	2.49	0.077	8.8	11.7	0.98	79.5	<0.001	<20	1.72	0.037	0.27	<0.1	4.5	0.22	1.84	21	2.9	0.31	4.1	11.93
2315153	Drill Core	2.39	0.082	9.7	16.1	1.04	251.4	0.015	<20	1.74	0.152	0.17	<0.1	7.7	0.10	0.74	10	0.7	0.12	5.4	10.08
2315154	Drill Core	1.25	0.080	11.2	12.7	0.97	236.6	0.003	<20	1.76	0.059	0.23	<0.1	5.4	0.15	0.75	8	1.4	0.40	5.0	8.56
2315155	Drill Core	0.31	0.080	7.4	2.6	0.07	127.6	0.001	<20	0.53	0.010	0.32	<0.1	2.0	0.23	0.20	<5	0.8	2.17	1.0	3.17
2315156	Drill Core	0.18	0.047	6.1	6.1	0.12	84.3	<0.001	<20	0.58	0.007	0.25	<0.1	2.0	1.19	1.38	13	8.1	0.81	0.9	5.79
2315157	Drill Core	0.54	0.087	6.0	10.0	0.35	183.8	<0.001	<20	1.05	0.010	0.33	<0.1	3.9	0.25	1.05	7	3.9	1.48	2.5	8.13
2315158	Drill Core	1.44	0.071	10.5	15.6	1.01	191.7	0.001	<20	1.88	0.014	0.25	<0.1	5.7	0.19	0.90	9	2.7	0.10	5.2	9.85
2315159	Drill Core	2.50	0.079	8.7	24.0	1.10	230.3	0.022	<20	1.62	0.127	0.15	<0.1	9.9	0.05	0.23	14	0.2	0.02	6.1	7.67
2315160	Drill Core	3.09	0.088	12.3	22.7	1.51	414.3	0.010	<20	2.37	0.181	0.16	<0.1	11.0	0.07	0.30	<5	0.3	0.03	7.6	10.47
2315161	Drill Core	4.47	0.093	19.1	21.3	1.57	397.1	<0.001	<20	2.66	0.028	0.24	<0.1	10.2	0.14	0.50	6	0.7	0.07	7.6	14.47
2315162	Drill Core	3.48	0.085	15.6	18.7	1.49	141.0	<0.001	<20	2.48	0.007	0.36	<0.1	7.5	0.24	0.77	<5	2.9	0.04	6.8	15.23
2315163	Drill Core	1.20	0.097	9.4	12.9	0.77	151.7	0.002	<20	1.65	0.022	0.28	<0.1	5.7	0.19	1.04	13	1.2	0.82	4.5	7.00
2315164	Drill Core	1.26	0.094	8.3	12.9	0.80	135.1	0.001	<20	1.66	0.019	0.28	<0.1	5.7	0.18	1.01	7	1.3	0.94	4.2	7.34
2315165	Drill Core	0.89	0.105	3.1	9.7	0.44	157.3	<0.001	<20	1.13	0.023	0.34	<0.1	7.9	0.23	1.36	15	1.8	1.07	2.8	15.01
2315166	Drill Core	0.79	0.095	3.5	4.9	0.33	146.9	0.001	<20	0.68	0.009	0.32	<0.1	3.1	0.29	1.24	19	1.7	2.66	2.2	3.95
2315167	Drill Core	0.96	0.108	7.2	6.9	0.39	112.6	<0.001	<20	1.06	0.008	0.36	5.7	4.3	0.31	1.83	13	4.1	0.47	3.3	6.00
2315168	Drill Core	1.05	0.132	17.9	9.3	0.62	98.4	<0.001	<20	1.58	0.009	0.28	0.1	9.0	0.21	0.50	12	0.7	0.06	4.0	13.40
2315169	Drill Core	1.30	0.090	8.9	13.8	0.89	138.7	<0.001	<20	1.96	0.008	0.32	<0.1	6.0	0.22	1.61	10	0.9	0.20	4.8	9.23

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315140	Drill Core	<0.1	0.12	0.03	4.5	0.6	<0.05	3.9	7.62	18.9	0.03	4	0.4	21.2	<10	<2					
2315141	Drill Core	<0.1	0.12	0.02	4.1	1.6	<0.05	2.8	9.24	22.7	0.03	2	0.3	16.3	<10	<2					
2315142	Drill Core	<0.1	0.08	0.03	3.8	0.3	<0.05	1.9	8.18	19.8	0.02	<1	0.2	9.9	<10	<2					
2315143	Drill Core	<0.1	0.08	0.02	3.5	0.4	<0.05	1.8	7.86	18.6	<0.02	<1	0.3	8.5	<10	<2					
2315144	Drill Core	0.1	0.05	0.04	4.7	0.7	<0.05	1.5	8.89	23.1	0.02	<1	0.4	10.2	<10	<2					
2315145	Drill Core	<0.1	0.05	0.03	9.5	0.5	<0.05	1.2	8.24	21.6	0.03	<1	0.3	9.9	<10	<2	63.58	16.05	5.18	2.09	4.77
2315146	Drill Core	<0.1	0.07	<0.02	5.0	0.6	<0.05	1.4	8.66	24.1	0.02	<1	0.5	14.2	<10	3					
2315147	Drill Core	<0.1	0.07	<0.02	6.2	0.6	<0.05	1.7	9.38	24.8	0.04	<1	0.3	11.5	<10	<2					
2315148	Drill Core	<0.1	0.06	<0.02	5.6	0.5	<0.05	1.3	9.21	23.5	0.04	<1	0.5	9.8	<10	<2					
2315149	Drill Core	<0.1	0.03	<0.02	11.1	0.8	<0.05	0.9	10.32	27.3	0.03	<1	0.6	24.1	<10	<2					
2315150	Rock Pulp	<0.1	0.04	<0.02	4.5	0.9	<0.05	1.0	8.06	8.2	0.03	15	0.5	3.6	<10	4					
2315151	Rock	<0.1	0.08	0.36	48.6	0.7	<0.05	1.3	6.30	26.8	<0.02	<1	0.4	33.6	<10	<2					
2315152	Drill Core	<0.1	<0.02	<0.02	11.0	0.7	<0.05	0.9	11.84	17.1	0.04	<1	0.9	21.4	<10	<2					
2315153	Drill Core	<0.1	0.05	<0.02	8.5	0.9	<0.05	0.9	11.29	22.0	0.06	<1	0.4	13.3	<10	<2					
2315154	Drill Core	<0.1	<0.02	<0.02	9.5	0.5	<0.05	0.8	9.55	24.4	0.03	4	0.6	18.0	<10	<2					
2315155	Drill Core	<0.1	0.03	<0.02	9.4	0.6	<0.05	1.4	6.79	16.5	<0.02	2	0.5	0.4	<10	<2					
2315156	Drill Core	<0.1	0.03	<0.02	8.3	2.9	<0.05	1.7	5.42	13.8	0.23	<1	0.2	2.5	<10	<2					
2315157	Drill Core	<0.1	0.03	<0.02	10.7	0.8	<0.05	1.5	7.54	14.2	0.07	<1	0.5	9.4	<10	<2					
2315158	Drill Core	<0.1	<0.02	<0.02	10.0	0.8	<0.05	0.8	9.05	23.0	0.08	2	0.5	23.4	<10	<2					
2315159	Drill Core	<0.1	0.07	<0.02	6.8	0.9	<0.05	1.3	11.85	18.6	0.05	<1	0.4	10.4	<10	<2					
2315160	Drill Core	<0.1	0.03	<0.02	6.9	0.8	<0.05	0.7	12.79	25.2	0.05	2	0.4	18.2	<10	<2					
2315161	Drill Core	<0.1	<0.02	<0.02	10.4	0.9	<0.05	0.7	16.95	37.7	0.06	<1	0.7	23.2	<10	<2					
2315162	Drill Core	<0.1	<0.02	<0.02	15.3	1.0	<0.05	0.7	14.06	30.5	0.05	<1	0.9	16.2	<10	<2					
2315163	Drill Core	<0.1	0.03	<0.02	10.1	0.5	<0.05	1.4	9.48	19.9	0.05	4	0.6	13.0	<10	<2					
2315164	Drill Core	<0.1	0.04	<0.02	9.5	0.4	<0.05	1.3	9.29	18.1	0.04	3	1.1	12.6	<10	<2					
2315165	Drill Core	<0.1	0.03	<0.02	10.6	1.2	<0.05	1.1	9.28	7.4	0.07	3	1.0	13.8	<10	<2					
2315166	Drill Core	<0.1	0.06	<0.02	11.2	0.8	<0.05	2.3	6.97	7.2	<0.02	5	0.4	4.4	<10	<2					
2315167	Drill Core	<0.1	0.03	<0.02	13.2	0.6	<0.05	1.6	9.96	15.7	0.04	19	0.5	10.9	<10	<2					
2315168	Drill Core	<0.1	<0.02	<0.02	11.5	0.3	<0.05	0.8	14.39	38.1	0.06	16	0.9	14.0	<10	<2					
2315169	Drill Core	<0.1	0.02	<0.02	11.7	0.8	<0.05	1.9	9.44	19.0	0.07	2	0.4	36.1	<10	<2					

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	0.1	1
2315140	Drill Core																				
2315141	Drill Core																				
2315142	Drill Core																				
2315143	Drill Core																				
2315144	Drill Core																				
2315145	Drill Core	3.02	2.37	0.58	0.19	0.08	0.004	<20	11	1.8	99.69	1352	2	6.5	6.5	17.9	3.6	6.6	50.1	2	568.2
2315146	Drill Core																				
2315147	Drill Core																				
2315148	Drill Core																				
2315149	Drill Core																				
2315150	Rock Pulp																				
2315151	Rock																				
2315152	Drill Core																				
2315153	Drill Core																				
2315154	Drill Core																				
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2315164	Drill Core																				
2315165	Drill Core																				
2315166	Drill Core																				
2315167	Drill Core																				
2315168	Drill Core																				
2315169	Drill Core																				

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Report Date: November 04, 2013

Page: 2 of 6

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315140	Drill Core																			
2315141	Drill Core																			
2315142	Drill Core																			
2315143	Drill Core																			
2315144	Drill Core																			
2315145	Drill Core	0.5	9.4	3.7	79	0.9	131.0	14.5	25.9	50.8	5.92	22.9	4.38	1.13	3.40	0.49	2.61	0.52	1.37	0.23
2315146	Drill Core																			1.46
2315147	Drill Core																			
2315148	Drill Core																			
2315149	Drill Core																			
2315150	Rock Pulp																			
2315151	Rock																			
2315152	Drill Core																			
2315153	Drill Core																			
2315154	Drill Core																			
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2315161	Drill Core																			
2315162	Drill Core																			
2315163	Drill Core																			
2315164	Drill Core																			
2315165	Drill Core																			
2315166	Drill Core																			
2315167	Drill Core																			
2315168	Drill Core																			
2315169	Drill Core																			

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Page: 2 of 6

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	4A-4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se	
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5	
2315140	Drill Core																		
2315141	Drill Core																		
2315142	Drill Core																		
2315143	Drill Core																		
2315144	Drill Core																		
2315145	Drill Core	0.20	0.21	0.04	2.0	5.5	3.2	50	3.3	3.5	0.2	0.3	0.1	<0.1	18.9	<0.01	<0.1	<0.5	
2315146	Drill Core																		
2315147	Drill Core																		
2315148	Drill Core																		
2315149	Drill Core																		
2315150	Rock Pulp																		
2315151	Rock																		
2315152	Drill Core																		
2315153	Drill Core																		
2315154	Drill Core																		
2315155	Drill Core																		
2315156	Drill Core																		
2315157	Drill Core																		
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2315163	Drill Core																		
2315164	Drill Core																		
2315165	Drill Core																		
2315166	Drill Core																		
2315167	Drill Core																		
2315168	Drill Core																		
2315169	Drill Core																		

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315170	Rock Pulp	0.07	0.213	156.67	1922.07	21.76	63.5	2041	18.5	18.0	373	4.07	25.8	4.2	232.8	9.7	69.0	0.97	3.67	2.34
2315171	Rock	2.03	<0.005	0.11	2.02	4.21	44.5	26	3.3	4.2	597	2.26	2.0	2.2	3.5	6.5	79.7	0.03	0.03	0.10
2315172	Drill Core	5.71	0.020	2.25	50.18	38.84	183.8	624	3.5	12.7	605	4.81	91.9	2.2	20.2	4.9	64.3	1.70	0.32	1.64
2315173	Drill Core	5.79	0.039	2.49	41.04	48.26	232.8	999	3.7	12.3	749	5.35	91.0	1.8	30.9	4.2	59.5	2.63	0.48	2.83
2315174	Drill Core	4.86	0.007	1.18	15.41	13.20	106.1	182	12.4	18.7	1412	5.10	34.8	2.3	15.0	4.8	211.8	0.34	0.74	0.41
2315175	Drill Core	5.18	0.117	1.22	14.85	13.29	110.0	377	11.0	19.0	1237	4.73	559.4	9.1	116.5	4.1	212.8	0.38	0.67	0.29
2315176	Drill Core	5.07	0.044	2.87	64.08	17.50	75.1	1436	2.9	13.9	342	2.73	135.5	1.2	99.7	5.0	62.7	1.04	2.11	3.37
2315177	Drill Core	5.11	0.031	2.45	12.72	7.75	26.9	1595	1.8	3.6	176	1.22	48.6	1.3	41.7	4.9	31.8	0.40	1.61	2.04
2315178	Drill Core	6.16	0.007	1.00	12.45	7.05	85.5	199	9.9	17.0	1541	4.84	34.9	2.5	12.3	5.3	211.7	0.31	0.32	0.38
2315179	Drill Core	4.44	0.009	1.67	11.74	10.80	89.9	174	8.9	14.1	1314	4.57	30.9	2.6	14.1	5.3	283.5	0.20	0.49	0.83
2315180	Drill Core	4.80	0.008	3.33	22.23	6.32	43.8	169	2.6	9.6	530	4.32	12.5	3.1	12.3	7.5	209.3	0.10	0.45	0.62
2315181	Drill Core	3.02	0.007	2.52	11.43	5.22	37.3	129	4.4	10.2	692	3.69	10.9	2.8	13.3	7.8	275.8	0.09	0.28	0.26
2315182	Drill Core	2.66	0.009	2.34	10.85	5.68	36.4	121	3.0	9.7	714	3.77	13.0	2.7	9.4	7.2	302.1	0.09	0.31	0.23
2315183	Drill Core	6.20	0.022	5.23	7.32	5.31	35.9	124	2.8	10.7	666	3.70	11.6	2.0	12.6	8.0	192.0	0.11	0.23	0.23
2315184	Drill Core	6.10	0.012	3.05	16.96	9.77	44.6	258	3.4	9.4	632	3.75	12.6	3.7	7.5	6.6	109.6	0.19	0.49	0.14
2315185	Drill Core	6.39	0.008	2.26	11.04	6.50	38.6	1216	4.4	8.8	631	3.56	14.2	2.6	6.8	7.2	176.2	0.17	0.43	0.14
2315186	Drill Core	6.38	0.008	3.07	12.59	6.73	55.7	133	3.4	10.8	740	4.13	8.1	2.4	9.1	8.0	152.4	0.16	0.43	0.51
2315187	Drill Core	6.61	<0.005	3.97	6.26	6.29	62.5	71	2.8	8.8	659	3.91	5.6	2.6	6.9	8.2	117.2	0.25	0.42	0.22
2315188	Drill Core	6.06	0.013	5.67	41.55	9.73	92.0	145	3.1	9.9	938	4.72	21.6	2.1	15.1	7.6	88.3	0.41	0.68	0.40
2315189	Drill Core	6.13	0.010	4.84	15.59	4.69	62.2	77	2.9	11.1	701	3.94	8.2	1.7	8.6	6.2	104.4	0.15	0.79	0.23
2315190	Rock Pulp	0.07	2.009	3.58	35.20	6.88	51.0	329	28.2	11.9	488	3.01	8.8	0.3	1110.6	1.2	47.2	0.16	1.01	0.17
2315191	Rock	1.83	<0.005	0.15	3.90	4.17	45.3	5	3.1	3.9	635	2.28	0.3	2.3	1.7	7.5	88.0	0.02	0.03	<0.02
2315192	Drill Core	6.35	0.012	7.34	42.48	6.39	66.4	97	2.8	12.9	1008	4.47	10.2	1.7	7.6	4.9	78.1	0.15	0.62	0.22
2315193	Drill Core	2.84	<0.005	3.47	7.13	6.38	37.2	39	3.2	8.9	537	3.71	6.4	2.1	3.3	6.6	73.2	0.11	0.49	0.04
2315194	Drill Core	5.23	0.008	3.31	28.15	9.04	38.5	84	3.1	11.8	414	3.88	12.8	2.2	6.6	6.9	73.0	0.21	0.71	0.11
2315195	Drill Core	4.54	0.009	5.12	27.01	7.59	42.4	80	3.5	12.4	500	4.25	9.8	1.8	7.2	6.6	95.8	0.15	0.38	0.09
2315196	Drill Core	5.44	0.008	5.84	25.43	4.16	39.0	62	3.4	10.1	514	4.18	4.2	1.8	3.5	6.7	84.7	0.12	0.45	0.05
2315197	Drill Core	5.90	0.007	5.30	17.81	4.15	39.2	42	3.4	9.7	468	3.79	3.3	2.1	4.3	7.7	86.2	0.11	0.53	0.02
2315198	Drill Core	6.23	0.007	3.07	13.86	5.08	37.4	42	3.2	7.9	496	3.55	3.9	1.6	3.9	6.8	74.7	0.10	0.55	0.03
2315199	Drill Core	6.74	0.007	2.92	9.52	3.60	38.2	47	3.4	9.2	528	4.03	4.2	1.8	5.6	7.8	104.0	0.11	0.87	0.03

CERTIFICATE OF ANALYSIS

WHI13000213.2

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315170	Rock Pulp		1.85	0.066	18.6	59.4	0.89	65.2	0.033	<20	1.49	0.057	0.53	1.8	6.1	0.29	1.82	90	2.5	0.41	4.5	1.79
2315171	Rock		0.58	0.068	15.1	8.4	0.52	184.3	0.139	<20	1.12	0.124	0.55	<0.1	2.5	0.34	<0.02	<5	<0.1	<0.02	5.2	3.74
2315172	Drill Core		1.10	0.092	7.3	7.3	0.58	106.7	<0.001	<20	0.87	0.009	0.28	<0.1	5.0	0.19	2.39	<5	1.9	0.06	2.2	8.27
2315173	Drill Core		1.10	0.083	4.7	8.1	0.73	103.2	<0.001	<20	0.81	0.007	0.33	<0.1	4.0	0.24	2.67	28	2.3	0.50	1.9	3.16
2315174	Drill Core		3.40	0.152	27.2	11.6	1.60	109.6	<0.001	<20	1.15	0.007	0.25	<0.1	10.3	0.14	0.32	22	0.6	0.04	2.3	8.44
2315175	Drill Core		3.55	0.144	23.0	11.0	1.22	89.3	<0.001	<20	1.27	0.007	0.23	0.1	9.9	0.15	0.47	<5	0.7	0.10	2.4	8.35
2315176	Drill Core		1.43	0.114	3.6	4.5	0.46	115.3	0.001	37	0.48	0.009	0.25	<0.1	1.8	0.24	2.19	18	2.8	1.48	1.3	2.74
2315177	Drill Core		0.89	0.105	3.3	5.8	0.30	87.7	0.002	116	0.45	0.016	0.21	0.6	1.7	0.16	0.59	<5	0.9	0.91	1.1	1.49
2315178	Drill Core		4.20	0.141	26.6	10.4	1.78	74.6	<0.001	<20	0.94	0.007	0.22	<0.1	10.6	0.13	0.22	20	0.2	0.02	1.8	7.28
2315179	Drill Core		4.74	0.151	24.2	13.3	1.78	95.1	<0.001	<20	1.00	0.007	0.23	<0.1	9.6	0.13	0.26	<5	0.5	0.24	2.1	9.47
2315180	Drill Core		2.73	0.091	11.3	13.3	1.19	129.1	0.002	<20	1.92	0.079	0.16	<0.1	8.4	0.10	0.35	8	0.4	0.05	5.7	7.18
2315181	Drill Core		3.57	0.098	12.7	15.8	1.38	247.1	0.005	<20	1.29	0.041	0.17	<0.1	7.9	0.08	0.27	10	0.3	<0.02	5.2	9.16
2315182	Drill Core		3.99	0.098	12.1	14.7	1.40	446.4	0.004	<20	1.37	0.049	0.19	<0.1	7.5	0.09	0.33	<5	0.5	0.03	5.2	8.61
2315183	Drill Core		3.37	0.098	13.6	18.2	1.57	210.2	0.004	<20	1.84	0.053	0.21	<0.1	8.0	0.10	0.34	<5	0.5	0.09	7.0	8.12
2315184	Drill Core		2.38	0.101	8.9	21.1	1.25	422.3	0.080	<20	1.73	0.123	0.13	<0.1	4.9	0.04	0.40	<5	0.6	0.03	7.8	5.79
2315185	Drill Core		3.23	0.098	11.6	19.8	1.17	268.1	0.042	<20	1.58	0.096	0.17	4.0	6.4	0.07	0.18	<5	0.1	<0.02	6.8	6.75
2315186	Drill Core		2.65	0.111	12.6	23.1	1.43	223.6	0.031	<20	1.89	0.090	0.13	<0.1	9.1	0.05	0.16	<5	0.3	<0.02	8.2	7.58
2315187	Drill Core		2.01	0.103	10.5	23.0	1.28	210.1	0.078	<20	1.91	0.142	0.15	<0.1	6.1	0.06	0.06	<5	0.3	0.06	7.5	6.58
2315188	Drill Core		2.11	0.103	12.1	21.6	1.68	226.4	0.025	<20	2.65	0.069	0.14	<0.1	7.1	0.07	0.39	<5	0.5	0.03	9.3	6.33
2315189	Drill Core		2.04	0.110	9.1	24.1	1.58	416.3	0.102	<20	2.27	0.145	0.12	<0.1	6.9	0.05	0.30	<5	0.6	<0.02	8.8	5.85
2315190	Rock Pulp		0.93	0.058	5.1	32.2	0.90	120.5	0.137	<20	1.81	0.107	0.16	13.2	5.3	0.05	0.04	84	0.3	0.10	5.8	0.47
2315191	Rock		0.58	0.069	17.8	8.6	0.51	189.3	0.146	<20	1.17	0.168	0.58	<0.1	2.4	0.34	<0.02	<5	0.2	<0.02	5.1	3.76
2315192	Drill Core		2.85	0.101	8.1	33.7	1.90	450.6	0.098	<20	2.62	0.088	0.11	<0.1	6.4	0.03	0.52	<5	0.4	0.03	9.8	5.06
2315193	Drill Core		2.43	0.111	8.5	22.7	1.28	1325.6	0.130	<20	2.11	0.089	0.12	<0.1	4.2	0.04	0.18	<5	0.1	0.03	8.1	5.29
2315194	Drill Core		1.70	0.107	8.1	20.5	1.28	223.5	0.152	<20	1.94	0.132	0.11	0.1	4.1	0.04	0.56	<5	0.7	0.09	8.5	4.46
2315195	Drill Core		2.07	0.116	10.2	22.1	1.43	306.4	0.159	20	2.19	0.166	0.11	<0.1	6.0	0.03	0.38	<5	1.1	0.12	9.3	5.16
2315196	Drill Core		1.80	0.106	9.7	23.2	1.43	300.7	0.122	<20	2.14	0.161	0.12	<0.1	5.3	0.05	0.21	8	0.1	0.03	8.8	5.04
2315197	Drill Core		1.90	0.096	9.3	23.1	1.47	339.7	0.151	21	2.09	0.162	0.12	<0.1	6.4	0.05	0.27	<5	<0.1	0.02	7.9	4.85
2315198	Drill Core		2.25	0.100	9.3	22.5	1.34	606.6	0.108	25	1.87	0.104	0.10	0.1	5.5	0.04	0.14	<5	0.2	<0.02	8.4	5.32
2315199	Drill Core		2.20	0.097	9.3	24.1	1.42	235.6	0.072	21	1.91	0.131	0.12	<0.1	6.9	0.03	0.09	<5	0.5	0.05	8.0	5.82

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315170	Rock Pulp	<0.1	0.09	0.03	30.9	1.8	<0.05	3.1	10.11	31.9	0.05	44	0.5	8.2	36	3					
2315171	Rock	0.1	0.08	0.34	45.0	0.6	<0.05	1.5	6.35	27.4	<0.02	<1	0.4	33.7	<10	<2					
2315172	Drill Core	<0.1	0.04	<0.02	9.2	0.4	<0.05	2.0	8.24	16.0	0.06	2	0.8	9.4	<10	<2					
2315173	Drill Core	<0.1	0.07	<0.02	12.2	0.6	<0.05	2.3	7.33	10.4	0.04	2	0.4	8.9	<10	<2					
2315174	Drill Core	<0.1	0.02	<0.02	10.0	0.5	<0.05	0.9	19.83	60.7	0.07	6	1.6	32.3	<10	3					
2315175	Drill Core	0.1	<0.02	<0.02	9.2	0.5	<0.05	0.8	17.36	49.3	0.05	2	1.3	16.2	<10	<2					
2315176	Drill Core	<0.1	0.07	<0.02	9.0	0.5	<0.05	3.0	8.95	8.4	0.04	4	0.2	1.5	<10	<2					
2315177	Drill Core	<0.1	0.07	<0.02	7.0	0.9	<0.05	3.0	7.91	8.2	0.03	4	0.7	1.1	<10	<2					
2315178	Drill Core	<0.1	<0.02	<0.02	8.3	0.4	<0.05	0.9	21.68	56.0	0.05	5	1.1	14.8	<10	<2					
2315179	Drill Core	<0.1	<0.02	<0.02	9.0	0.4	<0.05	1.1	19.92	51.8	0.06	4	1.4	10.1	<10	<2					
2315180	Drill Core	0.1	<0.02	<0.02	6.2	0.7	<0.05	0.9	12.22	23.7	0.06	1	1.0	11.2	<10	2					
2315181	Drill Core	<0.1	0.03	<0.02	7.9	0.5	<0.05	0.9	14.00	27.4	0.05	1	0.5	11.7	<10	<2					
2315182	Drill Core	<0.1	0.04	<0.02	8.0	0.5	<0.05	1.0	13.93	26.6	0.04	<1	0.7	11.6	<10	<2					
2315183	Drill Core	<0.1	0.02	<0.02	8.5	1.0	<0.05	1.2	14.75	29.3	0.04	5	0.6	15.4	<10	<2					
2315184	Drill Core	<0.1	0.05	0.04	5.1	0.8	<0.05	1.1	9.18	18.5	0.02	<1	0.3	16.2	<10	<2	57.97	16.26	6.77	2.82	6.05
2315185	Drill Core	<0.1	0.05	0.03	6.2	0.6	<0.05	1.4	11.03	24.6	0.03	<1	0.4	15.2	<10	<2					
2315186	Drill Core	0.1	0.04	<0.02	4.5	0.6	<0.05	1.1	13.62	28.3	0.05	4	0.3	14.1	<10	<2					
2315187	Drill Core	<0.1	0.06	0.02	5.2	0.9	<0.05	1.3	11.23	23.9	0.02	10	0.2	14.0	<10	<2					
2315188	Drill Core	0.2	0.05	<0.02	5.2	1.1	<0.05	1.3	12.42	25.8	0.06	6	0.5	23.1	<10	<2					
2315189	Drill Core	<0.1	0.06	0.03	4.2	1.1	<0.05	1.6	10.05	20.0	0.05	4	0.3	17.7	<10	3					
2315190	Rock Pulp	<0.1	0.15	0.02	5.3	0.5	<0.05	5.1	7.52	10.5	0.04	4	0.2	12.8	<10	3					
2315191	Rock	0.2	0.11	0.43	48.2	0.8	<0.05	1.6	7.35	34.8	<0.02	<1	0.2	34.6	<10	<2					
2315192	Drill Core	0.1	0.07	0.03	4.0	1.4	<0.05	1.7	8.62	18.1	0.06	4	0.4	20.7	<10	<2					
2315193	Drill Core	0.1	0.05	0.03	4.5	1.0	<0.05	1.5	7.42	18.6	0.02	3	0.3	18.2	<10	<2					
2315194	Drill Core	<0.1	0.05	0.05	4.6	0.7	<0.05	1.2	6.87	17.4	0.03	3	0.4	18.7	<10	<2					
2315195	Drill Core	0.2	0.05	0.05	4.5	0.8	<0.05	1.2	9.10	21.6	0.02	7	0.4	14.6	<10	<2					
2315196	Drill Core	<0.1	0.05	0.04	5.1	0.9	<0.05	1.5	9.12	21.2	0.03	5	0.3	14.9	<10	<2					
2315197	Drill Core	0.2	0.07	0.05	5.0	1.1	<0.05	1.8	8.98	20.2	<0.02	2	0.5	18.0	<10	<2					
2315198	Drill Core	0.1	0.05	<0.02	4.0	1.0	<0.05	1.8	8.22	18.7	0.02	<1	0.5	16.6	<10	<2					
2315199	Drill Core	0.2	0.05	0.03	4.8	0.9	<0.05	1.5	11.65	20.7	0.04	<1	0.3	15.6	<10	<2					

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Vancouver BC V6C 0B3 CANADA

Project: 210800

Report Date: November 04, 2013

Page: 3 of 6

Part: 4 of 6

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315170	Rock Pulp																				
2315171	Rock																				
2315172	Drill Core																				
2315173	Drill Core																				
2315174	Drill Core																				
2315175	Drill Core																				
2315176	Drill Core																				
2315177	Drill Core																				
2315178	Drill Core																				
2315179	Drill Core																				
2315180	Drill Core																				
2315181	Drill Core																				
2315182	Drill Core																				
2315183	Drill Core																				
2315184	Drill Core	3.29	2.14	0.70	0.23	0.10	0.003	<20	14	3.3	99.66	1577	<1	8.5	8.1	17.7	3.3	6.0	49.9	2	594.9
2315185	Drill Core																				
2315186	Drill Core																				
2315187	Drill Core																				
2315188	Drill Core																				
2315189	Drill Core																				
2315190	Rock Pulp																				
2315191	Rock																				
2315192	Drill Core																				
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2315198	Drill Core																				
2315199	Drill Core																				

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Report Date: November 04, 2013

Page: 3 of 6

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315170	Rock Pulp																			
2315171	Rock																			
2315172	Drill Core																			
2315173	Drill Core																			
2315174	Drill Core																			
2315175	Drill Core																			
2315176	Drill Core																			
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2315179	Drill Core																			
2315180	Drill Core																			
2315181	Drill Core																			
2315182	Drill Core																			
2315183	Drill Core																			
2315184	Drill Core	0.4	6.3	4.7	109	0.9	120.4	16.9	23.5	47.5	5.86	22.1	4.58	1.24	4.19	0.60	3.06	0.59	1.91	0.24
2315185	Drill Core																			
2315186	Drill Core																			
2315187	Drill Core																			
2315188	Drill Core																			
2315189	Drill Core																			
2315190	Rock Pulp																			
2315191	Rock																			
2315192	Drill Core																			
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2315198	Drill Core																			
2315199	Drill Core																			

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Report Date: November 04, 2013

Page: 3 of 6

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	4A-4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se	
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5	
2315170	Rock Pulp																		
2315171	Rock																		
2315172	Drill Core																		
2315173	Drill Core																		
2315174	Drill Core																		
2315175	Drill Core																		
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2315179	Drill Core																		
2315180	Drill Core																		
2315181	Drill Core																		
2315182	Drill Core																		
2315183	Drill Core																		
2315184	Drill Core	0.27	0.56	0.37	2.9	14.2	8.8	42	3.0	10.3	0.2	0.6	0.2	0.3	25.6	<0.01	<0.1	0.7	
2315185	Drill Core																		
2315186	Drill Core																		
2315187	Drill Core																		
2315188	Drill Core																		
2315189	Drill Core																		
2315190	Rock Pulp																		
2315191	Rock																		
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2315197	Drill Core																		
2315198	Drill Core																		
2315199	Drill Core																		

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315200	Drill Core	5.29	<0.005	3.17	4.55	3.64	36.2	69	3.5	9.1	487	3.89	3.4	2.2	4.6	7.9	112.0	0.07	0.45	0.03
2315201	Drill Core	2.77	0.013	7.28	22.65	6.52	70.4	166	3.6	11.1	784	4.70	35.0	1.3	10.0	7.8	84.9	0.11	0.31	0.61
2315202	Drill Core	2.61	0.015	5.18	33.52	6.07	64.7	179	3.3	10.5	805	4.41	37.3	1.4	35.7	7.6	114.8	0.20	0.30	0.64
2315203	Drill Core	6.35	0.016	5.42	46.56	5.83	64.0	318	3.8	9.0	859	4.44	59.4	1.5	18.0	8.0	86.0	0.15	0.27	1.06
2315204	Drill Core	6.23	0.009	3.34	59.02	5.52	105.1	318	3.4	10.0	987	4.46	19.1	1.2	9.8	8.1	93.3	0.83	0.10	1.69
2315205	Drill Core	5.53	0.016	2.68	72.57	4.40	91.7	347	3.0	11.3	871	3.84	12.2	1.9	13.5	7.9	103.1	0.55	0.53	0.78
2315206	Drill Core	6.55	0.015	3.28	31.50	3.63	74.2	130	3.8	10.6	808	3.99	10.6	1.8	11.2	7.4	118.1	0.14	0.74	0.34
2315207	Drill Core	6.19	0.011	2.86	25.72	3.60	68.4	100	3.3	10.3	779	3.82	6.7	2.0	10.9	7.6	117.6	0.08	0.53	0.26
2315208	Drill Core	6.18	0.010	2.26	35.32	6.00	78.8	152	3.6	11.0	900	4.46	11.4	2.0	9.9	7.1	155.9	0.24	0.72	0.48
2315209	Drill Core	6.56	0.057	2.75	116.48	14.09	75.5	805	4.0	14.2	1115	5.35	127.1	1.7	58.3	7.0	137.1	0.38	2.72	3.63
2315210	Rock Pulp	0.08	0.202	155.36	1897.07	24.63	69.2	2302	17.5	17.7	371	3.90	26.7	4.6	217.8	10.3	73.3	1.13	4.47	2.74
2315211	Rock	2.33	<0.005	0.17	3.40	3.98	50.6	37	3.3	4.3	600	2.18	0.3	2.3	5.1	6.4	75.3	<0.01	0.03	0.11
2315212	Drill Core	5.15	0.117	2.37	169.14	10.15	68.5	1067	4.9	26.9	998	5.74	265.8	1.9	132.4	7.1	33.7	0.16	0.68	4.88
2315213	Drill Core	6.57	0.023	2.67	61.52	5.30	68.6	360	3.1	12.6	1070	4.61	32.2	2.0	21.8	7.3	98.8	0.14	0.46	2.21
2315214	Drill Core	5.79	0.013	2.35	11.02	3.00	49.6	79	3.0	9.4	620	3.57	4.2	1.9	5.4	7.1	127.2	0.12	0.41	0.19
2315215	Drill Core	5.85	0.024	3.10	63.42	9.12	98.4	530	3.1	10.9	729	3.72	57.4	2.5	23.2	6.6	70.1	0.57	0.84	1.61
2315216	Drill Core	7.11	0.073	4.66	117.04	25.24	85.9	3140	3.6	16.6	1170	5.48	181.1	2.7	75.9	6.2	57.7	0.53	0.44	11.66
2315217	Drill Core	4.70	0.056	17.92	58.33	12.09	118.8	712	3.3	14.1	1106	4.98	170.3	1.8	51.3	6.2	45.1	0.93	0.24	3.48
2315218	Drill Core	3.46	0.034	2.24	128.81	9.80	71.8	1036	3.6	14.1	918	4.50	67.9	2.1	33.7	6.6	57.6	0.30	0.22	2.65
2315219	Drill Core	4.17	0.008	1.83	10.13	3.28	40.8	75	2.8	9.9	566	3.84	4.4	2.0	10.2	7.4	120.4	0.10	0.48	0.22
2315220	Drill Core	7.21	0.024	1.91	106.99	23.58	390.1	1019	2.8	10.3	953	4.62	70.3	2.2	20.6	6.6	86.5	5.56	0.26	2.71
2315221	Drill Core	3.37	0.041	2.63	220.50	15.42	108.4	1268	3.3	11.7	1093	4.43	43.5	2.0	38.0	5.9	173.4	0.75	0.28	2.08
2315222	Drill Core	3.72	0.035	1.46	171.80	14.61	132.2	1211	3.2	9.2	1109	4.31	39.6	2.0	25.9	6.3	186.9	1.05	0.27	1.81
2315223	Drill Core	4.08	0.013	0.90	58.52	11.07	84.2	404	2.5	10.5	1057	4.05	28.8	2.1	7.9	5.9	221.2	0.51	0.15	1.21
2315224	Drill Core	6.06	0.025	1.69	53.62	10.92	73.9	584	2.5	11.1	948	3.70	65.1	1.8	23.3	6.3	176.4	0.36	0.18	1.42
2315225	Drill Core	4.55	0.326	4.53	209.18	21.80	95.7	2201	3.1	14.8	691	5.06	416.9	2.2	345.7	5.8	97.4	0.62	1.34	3.38
2315226	Drill Core	4.37	0.234	2.08	44.45	8.22	63.8	591	3.1	9.5	895	3.79	417.1	1.6	253.7	5.5	187.3	0.29	0.63	0.75
2315227	Drill Core	5.92	0.074	12.58	59.01	8.10	79.0	402	3.8	11.9	914	3.65	107.6	3.3	78.1	6.0	176.3	0.49	0.28	0.75
2315228	Drill Core	7.05	0.162	4.48	15.59	5.16	35.5	694	1.8	3.4	388	1.38	227.8	1.7	176.4	4.9	127.9	0.40	1.34	3.45
2315229	Drill Core	4.23	0.039	4.51	56.10	7.04	79.2	841	1.9	4.3	459	1.72	56.2	2.4	39.7	6.3	100.0	0.97	1.29	7.80

CERTIFICATE OF ANALYSIS

WHI13000213.2

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315200	Drill Core	2.20	0.101	10.0	21.4	1.32	364.9	0.062	23	1.78	0.130	0.11	<0.1	7.9	0.04	0.08	<5	0.5	0.02	8.0	6.49
2315201	Drill Core	2.22	0.107	12.2	22.8	1.76	123.6	0.003	<20	2.49	0.024	0.19	<0.1	6.0	0.11	0.95	<5	1.5	0.21	8.0	8.51
2315202	Drill Core	3.11	0.102	12.0	20.7	1.64	157.9	0.002	<20	2.46	0.020	0.24	<0.1	5.3	0.14	1.00	<5	2.0	0.13	7.8	7.99
2315203	Drill Core	2.85	0.105	13.2	19.5	1.43	164.2	0.005	27	2.48	0.030	0.30	<0.1	5.3	0.22	1.02	16	2.2	0.32	7.6	6.65
2315204	Drill Core	2.96	0.101	13.8	21.8	1.67	134.5	0.001	<20	2.72	0.012	0.21	<0.1	6.6	0.12	0.72	<5	1.1	0.76	8.4	11.27
2315205	Drill Core	2.79	0.115	10.9	21.0	1.55	301.2	0.005	<20	2.25	0.041	0.16	<0.1	6.7	0.11	0.62	10	1.3	0.14	7.4	12.89
2315206	Drill Core	2.58	0.096	11.8	21.2	1.58	379.2	0.012	21	2.55	0.131	0.18	<0.1	6.8	0.12	0.44	<5	0.6	<0.02	7.9	12.63
2315207	Drill Core	2.45	0.093	11.1	20.9	1.61	204.3	0.012	<20	2.36	0.097	0.15	<0.1	6.9	0.08	0.35	<5	1.0	0.06	7.5	11.86
2315208	Drill Core	2.65	0.097	12.1	22.2	1.53	240.6	0.012	<20	2.41	0.086	0.15	<0.1	7.9	0.09	0.46	<5	1.3	0.12	7.8	10.56
2315209	Drill Core	3.09	0.089	9.2	19.6	1.52	129.5	0.002	<20	2.48	0.001	0.28	0.1	4.9	0.23	1.78	<5	3.3	0.59	7.7	5.11
2315210	Rock Pulp	1.84	0.071	18.8	60.1	0.86	70.4	0.033	<20	1.40	0.053	0.50	1.9	6.1	0.32	1.78	111	2.6	0.29	4.5	1.84
2315211	Rock	0.59	0.087	14.9	8.3	0.56	200.8	0.137	<20	1.09	0.107	0.54	<0.1	2.4	0.38	<0.02	<5	<0.1	<0.02	5.3	3.93
2315212	Drill Core	1.29	0.095	7.8	19.7	1.50	108.2	0.003	<20	2.50	0.003	0.30	<0.1	4.2	0.29	2.20	<5	3.4	1.03	7.1	3.93
2315213	Drill Core	2.50	0.094	11.0	20.1	1.61	179.3	0.003	<20	2.71	0.020	0.25	<0.1	6.3	0.22	0.84	<5	0.6	0.39	8.0	6.65
2315214	Drill Core	1.75	0.101	8.7	23.2	1.45	342.7	0.057	<20	1.96	0.138	0.09	<0.1	7.1	0.03	0.13	<5	<0.1	<0.02	7.1	5.73
2315215	Drill Core	1.59	0.108	8.4	17.0	1.19	251.9	0.013	<20	1.99	0.046	0.18	<0.1	4.7	0.14	0.78	<5	1.2	0.17	6.2	5.17
2315216	Drill Core	1.80	0.097	8.5	17.3	1.42	97.2	0.002	<20	2.40	0.007	0.30	<0.1	4.7	0.28	2.35	<5	5.6	3.13	6.7	5.90
2315217	Drill Core	1.41	0.100	7.5	20.3	1.55	112.0	0.002	<20	2.42	0.002	0.26	<0.1	5.0	0.24	1.71	<5	1.5	0.13	7.0	4.80
2315218	Drill Core	1.47	0.102	9.5	18.2	1.47	153.1	0.002	<20	2.41	0.009	0.32	<0.1	5.2	0.32	1.06	<5	1.1	0.43	7.2	4.40
2315219	Drill Core	1.62	0.093	9.1	22.4	1.28	1275.8	0.075	<20	2.40	0.182	0.16	0.1	5.4	0.08	0.11	<5	<0.1	<0.02	7.4	5.84
2315220	Drill Core	1.96	0.098	10.5	16.3	1.23	67.1	0.002	<20	2.23	0.016	0.26	<0.1	5.6	0.25	1.23	<5	2.2	0.51	6.7	6.56
2315221	Drill Core	2.06	0.098	11.2	10.9	1.28	136.9	<0.001	<20	1.29	0.007	0.26	<0.1	7.1	0.39	0.69	11	0.8	0.17	3.2	4.61
2315222	Drill Core	2.12	0.103	11.5	11.2	1.24	139.1	<0.001	<20	1.21	0.006	0.25	<0.1	7.0	0.33	0.62	<5	0.9	0.13	3.0	5.27
2315223	Drill Core	2.76	0.102	10.0	7.4	1.23	121.1	<0.001	<20	0.76	0.006	0.26	<0.1	6.3	0.23	0.88	<5	0.4	<0.02	1.8	6.98
2315224	Drill Core	2.43	0.107	9.3	7.7	1.15	143.5	<0.001	<20	0.79	0.008	0.31	0.1	6.4	0.22	0.88	<5	1.2	0.22	1.8	6.98
2315225	Drill Core	1.61	0.097	6.0	5.9	0.85	111.0	<0.001	<20	0.68	0.006	0.24	0.2	6.4	0.35	2.96	6	2.8	0.50	1.7	7.75
2315226	Drill Core	3.40	0.097	8.8	6.5	1.29	111.3	<0.001	<20	0.96	0.006	0.26	0.2	5.9	0.25	0.86	<5	0.5	0.06	2.1	23.16
2315227	Drill Core	3.11	0.106	9.9	7.5	1.15	74.3	<0.001	<20	0.75	0.006	0.17	0.2	8.0	0.14	0.72	8	0.5	0.03	1.9	9.56
2315228	Drill Core	2.24	0.089	2.8	4.1	0.79	73.9	0.002	111	0.37	0.014	0.16	<0.1	1.3	0.13	0.41	<5	0.6	1.51	0.9	1.63
2315229	Drill Core	1.63	0.117	4.7	5.7	0.60	96.9	0.008	114	0.50	0.022	0.20	<0.1	1.3	0.16	0.38	<5	0.8	3.17	1.6	2.18

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315200	Drill Core	0.2	0.05	0.02	4.1	0.9	<0.05	1.0	12.05	20.9	0.05	<1	0.5	15.6	<10	<2	58.99	16.12	6.44	2.58	5.63
2315201	Drill Core	0.1	0.05	<0.02	7.5	1.4	<0.05	1.5	12.58	25.9	0.03	3	0.4	17.5	<10	<2					
2315202	Drill Core	<0.1	0.05	<0.02	9.4	1.0	<0.05	1.4	14.38	25.6	0.03	<1	0.5	16.6	<10	2					
2315203	Drill Core	<0.1	0.07	<0.02	10.5	0.8	<0.05	2.0	13.53	27.4	<0.02	2	0.6	15.9	<10	<2					
2315204	Drill Core	<0.1	0.02	<0.02	7.9	0.6	<0.05	1.0	14.77	28.4	0.04	2	0.7	15.2	<10	<2					
2315205	Drill Core	<0.1	0.03	<0.02	6.9	0.6	<0.05	1.3	13.72	23.1	0.03	4	0.4	13.5	<10	<2					
2315206	Drill Core	0.1	0.03	<0.02	7.5	0.8	<0.05	0.9	11.66	24.6	<0.02	<1	0.4	11.8	<10	<2					
2315207	Drill Core	0.1	0.04	<0.02	6.4	0.6	<0.05	1.1	12.33	22.9	0.03	<1	0.5	13.0	<10	<2					
2315208	Drill Core	0.1	<0.02	<0.02	6.3	0.5	<0.05	1.0	13.01	25.6	0.04	2	0.5	12.4	<10	<2					
2315209	Drill Core	<0.1	0.09	<0.02	10.9	1.1	<0.05	2.7	11.24	18.6	0.07	2	0.5	16.9	<10	<2					
2315210	Rock Pulp	<0.1	0.10	0.04	31.5	1.8	<0.05	3.5	10.68	34.9	0.06	43	0.3	8.3	32	4					
2315211	Rock	0.1	0.09	0.32	49.9	0.7	<0.05	1.3	6.48	28.5	<0.02	<1	0.3	34.0	<10	<2					
2315212	Drill Core	<0.1	0.10	<0.02	12.1	0.6	<0.05	3.5	9.29	16.0	0.06	<1	0.4	16.6	<10	2					
2315213	Drill Core	<0.1	0.04	<0.02	8.9	0.6	<0.05	1.9	12.15	23.1	0.04	1	0.5	17.2	<10	<2					
2315214	Drill Core	<0.1	0.06	0.03	2.9	0.6	<0.05	1.2	10.39	20.5	0.04	<1	0.2	17.6	<10	<2					
2315215	Drill Core	<0.1	0.06	<0.02	6.1	0.7	<0.05	2.2	10.20	18.7	0.03	2	0.6	11.1	<10	<2					
2315216	Drill Core	<0.1	0.07	<0.02	10.6	0.7	<0.05	2.7	10.23	17.9	0.06	<1	0.8	16.1	<10	<2					
2315217	Drill Core	<0.1	0.06	<0.02	9.6	0.7	<0.05	2.6	8.67	15.4	0.05	2	0.6	13.5	<10	<2	59.48	16.54	8.36	3.11	1.96
2315218	Drill Core	<0.1	0.06	<0.02	10.9	1.7	<0.05	2.9	11.29	19.1	0.08	1	0.6	13.8	<10	<2					
2315219	Drill Core	<0.1	0.08	0.03	6.5	0.7	<0.05	2.4	9.28	20.3	0.03	1	0.5	12.7	<10	2					
2315220	Drill Core	<0.1	0.04	<0.02	8.9	0.5	<0.05	1.7	11.15	22.2	0.17	<1	0.8	12.2	<10	<2					
2315221	Drill Core	<0.1	0.03	0.02	9.0	0.5	<0.05	1.3	11.86	23.6	0.10	<1	0.8	13.2	<10	<2					
2315222	Drill Core	<0.1	0.04	<0.02	9.6	0.5	<0.05	1.1	12.14	23.4	0.10	1	0.9	12.8	<10	<2					
2315223	Drill Core	<0.1	<0.02	<0.02	11.4	0.7	<0.05	1.0	11.32	20.4	0.05	<1	0.5	7.6	<10	<2					
2315224	Drill Core	<0.1	<0.02	<0.02	12.1	0.6	<0.05	1.1	10.72	18.8	0.06	1	0.9	6.6	<10	<2					
2315225	Drill Core	<0.1	0.04	<0.02	9.6	0.6	<0.05	1.9	8.99	13.8	0.10	2	0.6	8.8	<10	<2					
2315226	Drill Core	<0.1	0.02	<0.02	12.5	0.4	<0.05	0.9	16.27	18.8	0.05	2	1.3	11.7	<10	<2					
2315227	Drill Core	<0.1	0.02	<0.02	8.4	0.5	<0.05	0.9	14.11	20.8	0.07	3	0.9	9.2	<10	<2					
2315228	Drill Core	<0.1	0.08	<0.02	5.3	0.6	<0.05	2.7	8.63	6.4	0.02	3	0.6	1.2	<10	<2					
2315229	Drill Core	<0.1	0.09	0.06	8.7	0.7	<0.05	2.7	9.33	9.8	0.06	2	0.5	7.0	<10	<2					

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315200	Drill Core	3.27	1.98	0.70	0.23	0.07	0.003	<20	14	3.6	99.66	1561	2	8.0	9.8	17.9	3.2	6.3	42.3	2	653.4
2315201	Drill Core																				
2315202	Drill Core																				
2315203	Drill Core																				
2315204	Drill Core																				
2315205	Drill Core																				
2315206	Drill Core																				
2315207	Drill Core																				
2315208	Drill Core																				
2315209	Drill Core																				
2315210	Rock Pulp																				
2315211	Rock																				
2315212	Drill Core																				
2315213	Drill Core																				
2315214	Drill Core																				
2315215	Drill Core																				
2315216	Drill Core																				
2315217	Drill Core	0.08	3.64	0.69	0.24	0.15	0.003	<20	13	5.5	99.75	1252	<1	11.9	8.7	17.9	3.2	6.2	108.3	5	52.1
2315218	Drill Core																				
2315219	Drill Core																				
2315220	Drill Core																				
2315221	Drill Core																				
2315222	Drill Core																				
2315223	Drill Core																				
2315224	Drill Core																				
2315225	Drill Core																				
2315226	Drill Core																				
2315227	Drill Core																				
2315228	Drill Core																				
2315229	Drill Core																				

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Project: 210800

Report Date: November 04, 2013

Page: 4 of 6

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315200	Drill Core	0.4	7.3	2.9	104	0.8	117.7	17.3	23.6	47.0	5.72	20.8	4.17	1.25	3.69	0.57	3.30	0.57	1.71	0.26
2315201	Drill Core																			
2315202	Drill Core																			
2315203	Drill Core																			
2315204	Drill Core																			
2315205	Drill Core																			
2315206	Drill Core																			
2315207	Drill Core																			
2315208	Drill Core																			
2315209	Drill Core																			
2315210	Rock Pulp																			
2315211	Rock																			
2315212	Drill Core																			
2315213	Drill Core																			
2315214	Drill Core																			
2315215	Drill Core																			
2315216	Drill Core																			
2315217	Drill Core	0.5	7.1	3.1	99	5.3	116.0	14.2	21.7	44.7	5.27	20.0	3.92	1.06	3.47	0.50	2.80	0.53	1.59	0.21
2315218	Drill Core																			
2315219	Drill Core																			
2315220	Drill Core																			
2315221	Drill Core																			
2315222	Drill Core																			
2315223	Drill Core																			
2315224	Drill Core																			
2315225	Drill Core																			
2315226	Drill Core																			
2315227	Drill Core																			
2315228	Drill Core																			
2315229	Drill Core																			

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Page: 4 of 6

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method	Analyte	Unit	MDL	4A-4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
					Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
					ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
					0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
2315200	Drill Core				0.25	0.55	0.08	3.1	4.2	3.0	34	3.0	2.7	<0.1	0.4	<0.1	<0.1	9.0	<0.01	<0.1	<0.5
2315201	Drill Core																				
2315202	Drill Core																				
2315203	Drill Core																				
2315204	Drill Core																				
2315205	Drill Core																				
2315206	Drill Core																				
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2315208	Drill Core																				
2315209	Drill Core																				
2315210	Rock Pulp																				
2315211	Rock																				
2315212	Drill Core																				
2315213	Drill Core																				
2315214	Drill Core																				
2315215	Drill Core																				
2315216	Drill Core																				
2315217	Drill Core				0.20	0.38	1.74	24.9	55.3	11.5	122	3.7	162.7	0.9	0.2	3.0	0.8	60.8	<0.01	0.4	2.0
2315218	Drill Core																				
2315219	Drill Core																				
2315220	Drill Core																				
2315221	Drill Core																				
2315222	Drill Core																				
2315223	Drill Core																				
2315224	Drill Core																				
2315225	Drill Core																				
2315226	Drill Core																				
2315227	Drill Core																				
2315228	Drill Core																				
2315229	Drill Core																				

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315230	Rock Pulp	0.07	1.961	3.40	35.53	6.34	55.2	433	25.7	11.5	481	2.93	8.0	0.3	1735.9	1.1	46.2	0.18	1.06	0.25
2315231	Rock	1.54	<0.005	0.11	3.41	3.98	44.6	12	3.6	4.2	596	2.16	0.1	2.2	0.6	7.4	67.4	0.02	0.02	0.06
2315232	Drill Core	7.28	0.039	2.29	195.08	13.76	96.6	1299	3.6	10.4	982	4.14	23.4	2.4	25.1	6.7	134.1	0.69	0.37	1.06
2315233	Drill Core	5.40	0.015	0.92	39.15	4.21	47.9	219	3.0	9.1	716	3.69	25.6	2.4	10.9	6.9	162.6	0.15	0.95	0.28
2315234	Drill Core	4.20	0.023	9.22	182.06	13.47	136.6	1431	3.3	9.8	812	3.03	29.2	2.6	19.3	7.2	126.6	1.49	3.31	4.42
2315235	Drill Core	5.93	0.040	5.81	177.32	8.99	129.2	1035	2.9	11.8	678	3.01	27.3	2.8	29.7	6.3	82.1	1.40	0.79	1.56
2315236	Drill Core	7.37	0.043	0.78	54.66	3.82	40.3	208	2.6	7.6	663	2.41	9.5	1.7	51.0	5.8	128.4	0.13	0.87	0.40
2315237	Drill Core	6.10	0.056	4.32	57.72	3.26	43.2	233	3.1	8.4	825	2.82	12.6	1.8	34.2	5.9	127.5	0.14	0.96	0.47
2315238	Drill Core	6.51	0.044	3.65	95.23	3.98	53.5	390	3.2	7.4	701	2.58	8.7	2.6	53.0	6.1	140.6	0.26	0.70	0.32
2315239	Drill Core	8.93	0.013	1.19	22.99	3.87	37.7	140	2.5	7.7	574	3.22	11.6	2.1	15.0	6.3	153.0	0.13	0.37	0.32
2315240	Drill Core	5.59	0.020	1.94	36.70	4.09	52.7	214	2.7	9.4	721	3.63	13.1	2.3	14.7	6.4	162.8	0.13	0.25	0.39
2315241	Drill Core	2.82	0.017	2.28	58.81	4.19	47.2	241	2.7	11.0	882	3.61	16.1	2.5	17.4	6.6	139.3	0.14	0.38	0.42
2315242	Drill Core	3.34	0.018	2.35	72.57	4.05	49.0	256	2.9	9.8	761	3.58	15.4	1.9	16.9	6.7	128.4	0.13	0.45	0.35
2315243	Drill Core	3.92	0.017	2.53	14.07	4.50	44.3	108	2.9	8.5	629	3.31	11.2	2.9	21.1	7.0	153.8	0.12	0.30	0.22
2315244	Drill Core	6.16	0.007	0.91	24.85	12.47	106.8	91	13.9	19.4	1031	4.56	16.9	1.1	4.1	3.7	274.0	0.29	0.98	0.14
2315245	Drill Core	5.02	0.049	6.70	100.93	3.99	48.7	292	3.3	11.6	722	3.83	14.5	2.5	59.9	6.6	191.5	0.15	0.25	0.39
2315246	Drill Core	5.00	0.017	2.26	47.60	3.89	48.6	200	3.2	10.6	622	3.80	31.4	1.9	15.3	6.0	90.4	0.11	0.47	0.58
2315247	Drill Core	5.60	0.037	4.24	116.24	3.81	35.1	469	2.5	9.0	460	3.82	45.9	2.1	34.2	6.2	90.0	0.10	0.38	0.79
2315248	Drill Core	6.68	0.020	3.12	71.45	6.56	58.1	396	2.7	9.1	690	3.63	16.3	2.2	26.2	6.3	106.8	0.23	0.48	0.36
2315249	Drill Core	6.31	0.033	2.61	237.84	12.73	128.3	1216	2.0	5.8	698	2.69	41.0	2.1	28.6	6.9	94.6	1.42	0.15	1.20
2315250	Rock Pulp	0.06	4.714	12.26	41.59	11.35	85.4	725	36.4	5.7	403	1.93	426.6	2.4	64.0	2.0	43.7	0.67	26.28	0.33
2315251	Rock	1.56	<0.005	0.13	4.37	3.55	45.3	11	2.8	4.2	548	2.16	0.4	1.7	<0.2	5.5	52.5	0.03	0.03	0.05
2315252	Drill Core	6.74	0.022	5.69	296.72	12.61	121.4	1898	3.2	5.5	832	3.10	36.0	3.6	19.1	7.1	107.6	1.16	0.21	0.61
2315253	Drill Core	6.59	0.055	5.94	225.11	9.09	93.7	1315	3.8	7.1	686	3.06	40.6	3.8	38.6	6.6	109.1	0.79	0.72	0.55
2315254	Drill Core	6.30	0.075	8.89	555.98	6.06	59.4	2427	2.9	6.8	552	2.50	19.8	2.5	56.2	7.5	136.7	0.52	0.48	0.79
2315255	Drill Core	7.01	0.010	4.05	48.56	3.14	28.1	187	2.6	7.6	308	2.76	4.3	2.7	6.7	9.2	117.9	0.14	0.42	0.09
2315256	Drill Core	7.40	0.023	2.93	80.16	3.54	92.9	344	3.6	9.5	536	2.92	16.3	1.9	21.4	6.9	117.0	0.78	0.33	0.17
2315257	Drill Core	6.31	0.024	6.13	39.83	4.35	55.3	230	3.1	9.9	522	3.02	23.8	2.0	68.2	7.4	117.9	0.25	0.56	0.30
2315258	Drill Core	6.74	0.014	3.83	34.53	4.32	37.2	182	2.9	6.7	402	2.96	8.9	2.2	17.6	7.8	109.6	0.22	0.32	0.15
2315259	Drill Core	7.16	0.029	2.08	255.21	8.17	72.1	1350	3.5	11.6	729	3.21	38.6	2.3	25.1	7.6	98.9	0.36	0.36	2.19

CERTIFICATE OF ANALYSIS

WHI13000213.2

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315230	Rock Pulp		0.92	0.062	4.6	32.0	0.89	113.6	0.133	<20	1.84	0.102	0.16	13.8	5.2	0.05	0.04	99	<0.1	0.06	5.8	0.46
2315231	Rock		0.54	0.077	14.6	6.6	0.53	190.2	0.132	<20	1.09	0.110	0.53	<0.1	2.5	0.34	<0.02	<5	<0.1	<0.02	5.3	3.62
2315232	Drill Core		2.46	0.106	13.7	17.8	1.42	171.2	0.001	<20	2.29	0.018	0.21	<0.1	6.0	0.16	0.39	<5	0.3	0.04	6.8	9.68
2315233	Drill Core		2.46	0.101	10.0	20.3	1.33	564.2	0.021	<20	2.42	0.148	0.10	<0.1	8.7	0.07	0.25	<5	<0.1	0.04	7.2	9.94
2315234	Drill Core		2.30	0.108	14.3	13.4	1.10	278.9	0.003	<20	1.95	0.042	0.22	<0.1	4.6	0.18	0.23	7	0.3	0.15	5.2	6.72
2315235	Drill Core		1.59	0.102	12.1	13.1	1.16	373.3	0.004	29	1.95	0.038	0.17	<0.1	3.6	0.15	0.32	<5	0.6	0.22	4.9	6.35
2315236	Drill Core		2.38	0.102	10.9	17.1	1.27	391.7	0.022	<20	2.11	0.146	0.11	<0.1	7.3	0.09	0.17	<5	0.3	0.03	6.3	10.49
2315237	Drill Core		2.78	0.099	11.6	17.2	1.24	300.3	0.024	<20	2.21	0.171	0.13	<0.1	6.6	0.09	0.25	<5	0.1	0.06	6.4	10.55
2315238	Drill Core		2.42	0.102	9.3	17.3	1.29	286.5	0.027	<20	2.41	0.210	0.10	<0.1	6.8	0.06	0.12	<5	0.3	<0.02	7.3	8.24
2315239	Drill Core		2.41	0.099	11.2	18.1	1.24	231.4	0.032	<20	1.95	0.142	0.11	<0.1	7.1	0.04	0.17	<5	<0.1	<0.02	6.8	7.15
2315240	Drill Core		2.80	0.104	13.1	20.2	1.52	166.9	0.004	<20	2.30	0.084	0.14	<0.1	7.4	0.06	0.23	<5	0.2	<0.02	7.8	9.55
2315241	Drill Core		3.10	0.101	15.2	17.6	1.31	1303.6	0.014	<20	2.54	0.087	0.20	<0.1	5.8	0.10	0.27	5	0.1	<0.02	7.6	9.58
2315242	Drill Core		2.64	0.104	13.4	18.2	1.29	417.5	0.016	<20	2.38	0.095	0.17	<0.1	6.3	0.08	0.23	9	<0.1	<0.02	7.6	9.25
2315243	Drill Core		2.67	0.099	15.2	17.8	1.34	318.0	0.002	<20	2.42	0.036	0.18	<0.1	7.4	0.08	0.18	<5	0.1	<0.02	7.0	9.92
2315244	Drill Core		6.24	0.163	29.3	20.3	1.45	106.8	<0.001	<20	2.01	0.005	0.23	<0.1	10.2	0.09	0.08	7	<0.1	<0.02	4.2	7.13
2315245	Drill Core		2.94	0.122	15.7	17.8	1.45	144.6	0.014	<20	2.15	0.093	0.18	<0.1	5.9	0.10	0.34	<5	<0.1	<0.02	7.0	9.23
2315246	Drill Core		1.73	0.120	11.6	20.6	1.42	141.5	0.079	<20	2.22	0.149	0.14	<0.1	5.6	0.07	0.31	<5	0.4	0.05	7.3	5.59
2315247	Drill Core		1.73	0.111	11.5	19.0	1.13	146.3	0.083	<20	1.99	0.163	0.15	<0.1	4.3	0.08	0.29	<5	<0.1	0.19	6.7	4.47
2315248	Drill Core		2.33	0.109	12.9	19.3	1.35	204.5	0.040	<20	2.33	0.146	0.13	<0.1	7.0	0.08	0.24	6	<0.1	0.02	7.2	7.07
2315249	Drill Core		2.81	0.118	13.2	12.7	0.86	231.1	0.001	<20	1.41	0.017	0.20	<0.1	4.5	0.17	0.36	6	0.5	0.27	4.1	6.15
2315250	Rock Pulp		11.06	0.051	5.0	25.9	4.52	71.2	<0.001	<20	0.29	0.007	0.11	26.6	3.4	1.02	1.34	3834	1.7	0.13	0.9	0.62
2315251	Rock		0.49	0.078	12.9	7.8	0.55	190.3	0.137	<20	1.01	0.084	0.54	<0.1	2.2	0.35	<0.02	<5	<0.1	<0.02	4.7	3.71
2315252	Drill Core		2.63	0.114	15.7	15.2	1.20	129.7	0.001	<20	1.90	0.032	0.16	<0.1	5.7	0.16	0.26	<5	0.5	0.03	5.3	7.29
2315253	Drill Core		2.32	0.103	14.5	16.0	0.96	263.4	0.018	21	2.01	0.106	0.22	<0.1	5.0	0.21	0.27	15	0.1	0.06	5.7	5.46
2315254	Drill Core		2.18	0.108	15.2	18.6	1.10	152.2	0.026	<20	2.01	0.201	0.15	<0.1	5.9	0.13	0.19	<5	0.3	0.23	6.4	6.76
2315255	Drill Core		1.58	0.111	12.9	22.2	0.89	204.5	0.135	<20	1.86	0.266	0.37	<0.1	3.8	0.19	0.03	<5	<0.1	<0.02	6.5	4.00
2315256	Drill Core		2.21	0.111	13.9	24.2	1.26	190.1	0.064	<20	2.11	0.213	0.18	<0.1	6.3	0.10	0.11	<5	<0.1	<0.02	7.6	5.32
2315257	Drill Core		2.31	0.116	13.4	24.6	1.22	250.1	0.096	<20	1.97	0.180	0.14	0.1	6.6	0.08	0.07	11	<0.1	0.10	7.5	4.28
2315258	Drill Core		1.72	0.113	11.0	24.8	1.09	219.6	0.125	<20	1.97	0.266	0.21	<0.1	4.2	0.10	0.08	6	<0.1	<0.02	6.6	3.67
2315259	Drill Core		2.11	0.114	13.7	19.5	1.30	156.5	0.015	<20	2.09	0.079	0.20	<0.1	5.5	0.24	0.33	<5	0.6	1.00	6.6	6.80

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315230	Rock Pulp	<0.1	0.19	0.05	5.5	0.6	<0.05	5.5	7.55	10.0	0.03	3	0.1	12.4	<10	<2					
2315231	Rock	0.1	0.11	0.35	46.6	0.7	<0.05	1.3	6.09	27.9	<0.02	<1	0.2	33.7	<10	<2					
2315232	Drill Core	<0.1	0.03	<0.02	8.4	0.7	<0.05	1.0	11.21	29.0	0.11	3	0.7	17.5	<10	<2					
2315233	Drill Core	0.1	0.06	<0.02	5.9	0.8	<0.05	1.3	12.45	22.2	0.03	<1	0.6	13.9	<10	<2					
2315234	Drill Core	<0.1	0.04	<0.02	8.6	1.0	<0.05	1.5	11.37	30.8	0.12	18	0.4	20.9	<10	<2					
2315235	Drill Core	<0.1	0.07	<0.02	7.1	0.8	<0.05	2.1	9.54	23.9	0.09	8	0.9	15.2	<10	<2					
2315236	Drill Core	<0.1	0.10	<0.02	6.1	1.0	<0.05	2.6	9.59	23.5	0.04	<1	0.8	10.7	<10	<2					
2315237	Drill Core	<0.1	0.08	<0.02	6.4	0.8	<0.05	2.6	10.85	24.4	0.03	3	0.5	10.9	<10	<2					
2315238	Drill Core	<0.1	0.08	<0.02	4.4	1.2	<0.05	2.4	10.99	20.0	0.03	3	0.3	14.3	<10	<2					
2315239	Drill Core	<0.1	0.10	<0.02	4.2	0.9	<0.05	2.3	11.45	24.2	0.05	<1	0.2	16.5	<10	<2					
2315240	Drill Core	<0.1	0.06	<0.02	5.6	0.8	<0.05	1.8	13.46	27.3	0.05	2	0.8	21.5	<10	<2					
2315241	Drill Core	<0.1	0.07	<0.02	7.3	1.0	<0.05	2.2	13.53	28.3	0.05	3	0.6	20.3	<10	3					
2315242	Drill Core	<0.1	0.09	<0.02	6.4	0.9	<0.05	2.4	12.07	26.6	0.04	<1	0.3	18.7	<10	<2					
2315243	Drill Core	<0.1	0.03	<0.02	6.6	1.3	<0.05	1.5	12.93	31.1	0.03	<1	1.2	19.6	<10	<2					
2315244	Drill Core	<0.1	<0.02	<0.02	6.5	1.3	<0.05	0.4	17.83	62.6	0.09	<1	1.4	32.4	<10	<2					
2315245	Drill Core	<0.1	0.10	<0.02	8.6	0.6	<0.05	2.8	12.82	32.0	0.05	7	0.3	19.2	<10	<2					
2315246	Drill Core	<0.1	0.07	0.05	6.3	0.7	<0.05	2.1	9.23	24.4	0.03	1	0.4	13.8	<10	<2					
2315247	Drill Core	<0.1	0.10	0.03	5.8	0.6	<0.05	2.4	8.64	24.5	0.03	4	0.3	11.7	<10	<2					
2315248	Drill Core	<0.1	0.07	<0.02	5.2	0.9	<0.05	2.6	10.27	26.2	0.06	3	0.8	11.1	<10	2					
2315249	Drill Core	<0.1	<0.02	<0.02	6.8	0.8	<0.05	1.4	12.06	24.6	0.12	<1	0.6	13.3	<10	<2					
2315250	Rock Pulp	<0.1	0.05	<0.02	4.6	1.0	<0.05	1.0	8.82	9.4	0.05	9	0.3	4.3	<10	<2					
2315251	Rock	0.1	0.05	0.29	43.7	0.6	<0.05	1.1	4.85	24.9	0.03	3	0.4	33.3	<10	<2					
2315252	Drill Core	<0.1	0.06	<0.02	5.7	1.1	<0.05	1.5	12.29	31.2	0.14	3	0.4	19.7	<10	<2					
2315253	Drill Core	<0.1	0.09	<0.02	7.2	2.3	<0.05	2.4	10.53	29.6	0.08	11	0.9	18.3	<10	<2					
2315254	Drill Core	<0.1	0.08	<0.02	6.4	2.0	<0.05	2.4	11.52	32.8	0.16	8	0.7	10.1	<10	<2					
2315255	Drill Core	<0.1	0.12	0.04	21.0	0.6	<0.05	3.5	7.54	26.8	0.03	<1	0.3	7.2	<10	<2					
2315256	Drill Core	0.1	0.11	<0.02	8.8	0.9	<0.05	2.3	11.27	28.5	0.08	3	0.4	14.7	<10	<2					
2315257	Drill Core	<0.1	0.10	<0.02	6.0	0.9	<0.05	3.4	11.38	30.7	0.04	1	0.4	21.5	<10	3					
2315258	Drill Core	0.1	0.11	<0.02	10.0	0.7	<0.05	3.3	8.79	25.7	0.04	<1	0.4	12.4	<10	<2					
2315259	Drill Core	<0.1	0.06	<0.02	8.1	0.9	<0.05	2.3	11.53	28.9	0.07	1	0.4	14.9	<10	<2					

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Project: 210800

Report Date: November 04, 2013

Page: 5 of 6

Part: 4 of 6

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315230	Rock Pulp																				
2315231	Rock																				
2315232	Drill Core																				
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Page: 5 of 6

Part: 5 of 6

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315230	Rock Pulp																			
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Page: 5 of 6

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	4A-4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
2315230	Rock Pulp																	
2315231	Rock																	
2315232	Drill Core																	
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2315259	Drill Core																	

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
2315260	Drill Core	5.92	0.036	3.16	174.16	6.42	67.9	850	3.4	7.5	1110	4.06	35.6	3.1	30.7	6.6	209.4	0.30	0.29	0.35	60
2315261	Drill Core	3.29	0.023	2.72	110.72	3.90	58.3	512	3.5	7.7	767	3.71	11.1	1.8	15.0	7.1	104.2	0.23	0.36	0.22	75
2315262	Drill Core	3.42	0.025	4.56	156.64	5.10	67.1	729	4.0	9.0	899	3.86	10.1	2.0	17.2	7.5	113.5	0.24	0.34	0.18	78
2315263	Drill Core	6.23	0.019	2.50	47.55	3.67	72.0	201	3.7	10.6	592	3.72	10.0	1.1	19.1	6.9	105.7	0.43	0.44	0.15	89
2315264	Drill Core	5.70	0.020	2.97	33.83	3.58	57.3	103	3.7	11.5	716	4.03	12.7	2.0	11.4	6.9	97.1	0.11	0.39	0.17	91
2315265	Drill Core	6.97	0.023	4.34	110.48	3.75	55.4	330	3.6	9.4	621	3.65	21.7	2.0	26.9	7.1	103.6	0.40	0.56	0.13	83
2315266	Drill Core	6.93	0.064	37.00	174.20	4.91	46.7	687	3.8	9.8	614	3.33	75.7	4.0	71.7	7.4	127.8	0.28	0.53	0.36	73
2315267	Drill Core	5.80	0.030	3.39	33.57	3.64	29.8	80	2.5	7.3	424	2.82	32.6	2.1	22.7	6.4	99.2	0.13	0.56	0.07	88
2315268	Drill Core	6.41	0.073	5.86	88.08	4.41	33.9	204	2.5	5.3	344	2.31	9.0	2.5	53.7	6.6	97.1	0.22	0.49	0.10	74
2315269	Drill Core	6.73	0.071	8.25	167.89	4.76	45.7	600	2.3	4.3	396	2.29	19.1	2.6	80.5	6.8	80.1	0.25	0.51	0.17	69
2315270	Rock Pulp	0.07	0.195	159.04	1836.93	21.28	60.6	2061	17.6	16.1	357	3.95	24.2	4.0	244.5	9.3	68.0	1.04	3.95	2.04	55
2315271	Rock	2.33	<0.005	0.21	5.56	4.18	51.6	46	4.2	4.8	648	2.47	0.5	2.4	2.1	7.8	77.9	<0.01	0.03	0.14	39
2315272	Drill Core	6.36	0.047	8.56	173.45	4.73	29.2	451	2.6	6.2	253	2.40	5.9	2.5	48.2	7.4	79.8	0.23	0.32	0.08	71
2315273	Drill Core	6.91	0.055	4.50	217.02	4.82	38.1	561	3.5	7.4	315	3.06	9.0	2.3	34.4	8.3	72.4	0.25	0.40	0.12	80
2315274	Drill Core	6.30	0.052	6.18	206.22	5.48	39.4	455	3.6	6.4	304	2.03	6.6	3.5	41.9	7.1	80.9	0.24	0.44	0.05	57
2315275	Drill Core	6.28	0.039	9.13	119.39	5.26	38.2	308	3.6	6.1	337	2.74	9.6	2.3	40.2	7.5	145.0	0.17	0.46	0.09	64
2315276	Drill Core	6.57	0.040	4.74	120.54	5.04	34.0	185	3.1	7.6	275	2.62	5.3	2.5	80.9	7.1	86.7	0.18	0.29	0.03	72
2315277	Drill Core	6.25	0.153	5.12	216.73	5.25	31.9	316	3.0	6.5	242	2.55	6.6	2.4	155.5	7.3	150.2	0.24	0.36	0.08	70
2315278	Drill Core	6.58	0.066	17.89	309.31	7.19	82.1	1277	5.0	7.8	557	3.00	32.3	4.4	58.3	6.6	66.8	0.67	0.25	0.51	66
2315279	Drill Core	7.55	0.049	13.89	161.55	6.46	55.2	886	3.5	7.5	500	2.84	20.6	2.6	60.2	5.9	69.1	0.35	0.35	1.76	72

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315260	Drill Core	5.33	0.097	16.8	18.5	1.78	257.4	0.005	<20	2.72	0.071	0.30	<0.1	7.9	0.34	0.23	7	0.2	<0.02	7.3	9.96
2315261	Drill Core	2.26	0.104	14.8	23.2	1.52	139.7	0.039	<20	2.33	0.116	0.15	<0.1	7.5	0.09	0.13	<5	0.1	<0.02	7.5	5.81
2315262	Drill Core	2.54	0.105	15.8	23.5	1.64	163.9	0.034	<20	2.66	0.139	0.18	<0.1	8.4	0.12	0.12	<5	0.3	<0.02	8.1	6.17
2315263	Drill Core	2.03	0.103	11.3	25.1	1.36	170.1	0.110	<20	2.50	0.185	0.25	<0.1	6.3	0.12	0.11	7	<0.1	<0.02	7.7	4.36
2315264	Drill Core	2.05	0.110	12.5	25.4	1.56	193.2	0.092	<20	2.58	0.201	0.15	0.1	7.5	0.08	0.17	<5	<0.1	<0.02	8.3	3.97
2315265	Drill Core	2.83	0.105	15.1	23.2	1.28	169.7	0.084	<20	2.41	0.178	0.22	<0.1	6.6	0.13	0.13	<5	0.2	<0.02	7.2	4.62
2315266	Drill Core	3.27	0.115	16.4	23.1	1.17	244.1	0.030	<20	2.17	0.140	0.25	<0.1	6.9	0.19	0.20	<5	<0.1	0.16	7.0	5.63
2315267	Drill Core	1.90	0.106	13.0	22.5	1.13	88.2	0.145	<20	1.89	0.211	0.10	<0.1	7.3	0.08	0.04	<5	<0.1	<0.02	7.6	2.21
2315268	Drill Core	1.45	0.096	13.9	19.4	1.05	93.6	0.163	<20	1.90	0.241	0.09	0.2	3.9	0.05	0.08	<5	0.3	<0.02	7.4	1.77
2315269	Drill Core	1.61	0.104	12.6	17.7	0.90	79.2	0.101	<20	1.62	0.175	0.10	0.1	4.2	0.06	0.10	9	0.3	<0.02	5.8	2.03
2315270	Rock Pulp	1.75	0.064	17.9	59.1	0.85	159.9	0.031	<20	1.42	0.056	0.50	1.8	6.0	0.28	1.75	89	2.3	0.28	4.6	1.69
2315271	Rock	0.60	0.084	16.2	5.9	0.58	199.0	0.148	<20	1.21	0.140	0.59	<0.1	2.6	0.41	<0.02	<5	<0.1	<0.02	5.9	3.91
2315272	Drill Core	1.33	0.106	12.6	17.9	0.78	82.6	0.132	<20	1.57	0.236	0.11	0.2	2.4	0.06	0.06	<5	<0.1	<0.02	6.0	1.90
2315273	Drill Core	1.46	0.113	13.5	20.2	0.96	90.5	0.164	<20	1.64	0.166	0.14	0.2	3.5	0.08	0.08	<5	<0.1	<0.02	6.8	2.34
2315274	Drill Core	1.48	0.108	10.5	16.0	0.99	64.6	0.149	<20	1.69	0.170	0.11	0.3	2.9	0.06	0.04	<5	0.2	<0.02	6.9	2.18
2315275	Drill Core	1.32	0.109	13.0	19.2	0.95	93.8	0.147	<20	1.75	0.180	0.10	0.3	2.7	0.07	0.09	<5	<0.1	<0.02	7.1	1.53
2315276	Drill Core	1.26	0.106	12.9	19.8	0.90	87.7	0.183	37	1.73	0.197	0.14	0.3	2.1	0.07	0.03	<5	<0.1	<0.02	7.4	1.57
2315277	Drill Core	1.26	0.103	12.4	17.9	0.82	120.4	0.160	<20	1.61	0.207	0.15	0.2	2.2	0.09	0.07	<5	0.1	<0.02	6.2	1.96
2315278	Drill Core	1.77	0.114	14.5	20.7	1.30	276.2	0.073	<20	1.95	0.105	0.20	0.2	5.0	0.16	0.23	<5	<0.1	<0.02	7.1	4.89
2315279	Drill Core	1.68	0.101	11.0	19.0	1.18	144.6	0.101	<20	1.85	0.149	0.21	0.2	3.9	0.13	0.18	6	0.3	0.73	6.5	3.86

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Project: 210800

Report Date: November 04, 2013

Page: 6 of 6

Part: 3 of 6

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315260	Drill Core	<0.1	0.05	<0.02	10.7	0.9	<0.05	2.4	14.61	33.5	0.09	4	1.1	17.2	<10	<2					
2315261	Drill Core	<0.1	0.11	<0.02	6.3	1.1	<0.05	3.1	10.83	29.2	0.04	<1	0.4	15.1	<10	2					
2315262	Drill Core	<0.1	0.08	<0.02	7.4	2.2	<0.05	3.1	12.21	31.7	0.09	<1	0.8	15.6	<10	3					
2315263	Drill Core	<0.1	0.08	0.03	14.8	1.1	<0.05	2.8	9.10	25.0	0.04	1	0.5	13.7	<10	<2					
2315264	Drill Core	<0.1	0.05	0.03	6.3	1.2	<0.05	2.5	10.91	25.8	0.02	<1	0.3	18.6	<10	<2					
2315265	Drill Core	<0.1	0.12	<0.02	11.9	1.3	<0.05	4.0	10.85	30.3	0.03	3	0.9	16.3	<10	<2					
2315266	Drill Core	<0.1	0.11	<0.02	12.1	1.3	<0.05	3.7	14.04	37.4	0.06	60	0.4	17.4	<10	<2					
2315267	Drill Core	<0.1	0.16	0.05	5.1	1.4	<0.05	5.0	11.29	29.9	0.04	2	0.3	19.3	15	<2					
2315268	Drill Core	0.1	0.13	0.06	4.4	1.5	<0.05	4.8	7.56	28.1	<0.02	2	0.3	13.9	<10	<2					
2315269	Drill Core	<0.1	0.16	0.04	4.7	1.7	<0.05	4.4	8.65	26.7	0.04	8	0.5	13.3	<10	<2					
2315270	Rock Pulp	<0.1	0.08	0.04	29.4	1.7	<0.05	3.1	10.28	32.4	0.02	41	0.3	7.1	14	<2					
2315271	Rock	0.1	0.07	0.29	48.6	0.7	<0.05	1.5	6.16	30.2	<0.02	<1	0.3	39.9	<10	<2					
2315272	Drill Core	<0.1	0.13	0.05	5.4	1.0	<0.05	3.8	6.12	25.7	<0.02	1	0.2	10.5	<10	<2	60.39	16.66	5.53	3.02	6.33
2315273	Drill Core	<0.1	0.17	0.09	8.3	1.2	<0.05	4.8	7.07	26.6	0.04	<1	0.5	11.3	<10	<2					
2315274	Drill Core	<0.1	0.15	0.05	6.0	1.3	<0.05	3.9	6.45	21.5	<0.02	3	0.3	11.6	<10	<2					
2315275	Drill Core	<0.1	0.12	0.05	5.2	1.5	<0.05	4.2	5.80	26.1	<0.02	1	0.2	12.6	<10	3					
2315276	Drill Core	<0.1	0.19	0.06	7.9	1.0	<0.05	4.1	5.93	25.0	<0.02	1	0.2	11.2	<10	<2					
2315277	Drill Core	<0.1	0.13	0.06	7.2	1.0	<0.05	3.9	5.94	26.0	<0.02	1	0.4	10.5	10	<2					
2315278	Drill Core	<0.1	0.14	0.03	9.9	1.7	<0.05	4.2	9.57	28.7	0.10	8	0.2	15.2	<10	<2					
2315279	Drill Core	<0.1	0.18	0.03	11.7	1.6	<0.05	4.0	8.39	22.8	0.07	3	0.2	10.8	<10	<2					

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
	Unit	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315260	Drill Core																				
2315261	Drill Core																				
2315262	Drill Core																				
2315263	Drill Core																				
2315264	Drill Core																				
2315265	Drill Core																				
2315266	Drill Core																				
2315267	Drill Core																				
2315268	Drill Core																				
2315269	Drill Core																				
2315270	Rock Pulp																				
2315271	Rock																				
2315272	Drill Core	3.91	1.49	0.70	0.23	0.08	0.004	<20	14	1.4	99.72	877	<1	8.0	2.6	17.4	3.2	5.9	30.9	2	609.8
2315273	Drill Core																				
2315274	Drill Core																				
2315275	Drill Core																				
2315276	Drill Core																				
2315277	Drill Core																				
2315278	Drill Core																				
2315279	Drill Core																				

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Project: 210800

Report Date: November 04, 2013

Page: 6 of 6

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000213.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315260	Drill Core																			
2315261	Drill Core																			
2315262	Drill Core																			
2315263	Drill Core																			
2315264	Drill Core																			
2315265	Drill Core																			
2315266	Drill Core																			
2315267	Drill Core																			
2315268	Drill Core																			
2315269	Drill Core																			
2315270	Rock Pulp																			
2315271	Rock																			
2315272	Drill Core	0.4	7.4	3.0	109	0.9	121.5	16.0	25.5	49.5	6.15	24.1	4.49	1.27	4.05	0.57	3.19	0.55	1.46	0.23
2315273	Drill Core																			
2315274	Drill Core																			
2315275	Drill Core																			
2315276	Drill Core																			
2315277	Drill Core																			
2315278	Drill Core																			
2315279	Drill Core																			

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Report Date: November 04, 2013

Page: 6 of 6

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000213.2

Method	4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
Unit	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
MDL	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
2315260	Drill Core																
2315261	Drill Core																
2315262	Drill Core																
2315263	Drill Core																
2315264	Drill Core																
2315265	Drill Core																
2315266	Drill Core																
2315267	Drill Core																
2315268	Drill Core																
2315269	Drill Core																
2315270	Rock Pulp																
2315271	Rock																
2315272	Drill Core	0.24	0.10	0.06	6.1	129.4	4.3	28	2.2	4.8	0.3	0.4	0.1	0.5	47.3	<0.01	<0.1
2315273	Drill Core																
2315274	Drill Core																
2315275	Drill Core																
2315276	Drill Core																
2315277	Drill Core																
2315278	Drill Core																
2315279	Drill Core																

QUALITY CONTROL REPORT

WHI13000213.2

		Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
Pulp Duplicates																					
2315149	Drill Core	5.51	0.023	2.81	15.02	20.51	110.2	357	2.4	8.0	750	3.91	18.8	1.8	17.7	7.5	53.4	0.69	0.38	1.13	37
REP 2315149	QC			2.67	15.09	20.55	117.3	420	2.4	8.0	813	3.89	18.3	1.8	33.4	7.4	52.4	0.63	0.38	1.17	37
2315152	Drill Core	5.18	0.021	2.12	30.67	63.18	350.2	635	2.7	9.1	675	3.28	18.5	1.2	24.1	6.9	125.1	4.02	0.47	1.60	30
REP 2315152	QC		0.021																		
2315185	Drill Core	6.39	0.008	2.26	11.04	6.50	38.6	1216	4.4	8.8	631	3.56	14.2	2.6	6.8	7.2	176.2	0.17	0.43	0.14	72
REP 2315185	QC			2.41	11.26	6.87	39.2	831	4.8	9.1	639	3.52	15.0	2.6	8.3	7.4	183.2	0.18	0.45	0.16	73
REP 2315204	QC		0.011																		
2315214	Drill Core	5.79	0.013	2.35	11.02	3.00	49.6	79	3.0	9.4	620	3.57	4.2	1.9	5.4	7.1	127.2	0.12	0.41	0.19	80
REP 2315214	QC		0.008																		
2315220	Drill Core	7.21	0.024	1.91	106.99	23.58	390.1	1019	2.8	10.3	953	4.62	70.3	2.2	20.6	6.6	86.5	5.56	0.26	2.71	53
REP 2315220	QC			2.28	102.67	23.13	386.2	1000	2.7	10.5	963	4.56	70.9	2.1	20.0	6.5	86.2	5.30	0.25	2.58	53
2315255	Drill Core	7.01	0.010	4.05	48.56	3.14	28.1	187	2.6	7.6	308	2.76	4.3	2.7	6.7	9.2	117.9	0.14	0.42	0.09	78
REP 2315255	QC			4.59	46.51	3.13	29.8	181	2.1	6.7	308	2.72	4.1	2.7	10.1	8.9	120.5	0.13	0.43	0.07	77
2315270	Rock Pulp	0.07	0.195	159.04	1836.93	21.28	60.6	2061	17.6	16.1	357	3.95	24.2	4.0	244.5	9.3	68.0	1.04	3.95	2.04	55
REP 2315270	QC			158.89	1839.69	21.90	64.4	2081	17.2	17.0	364	3.92	24.8	4.3	215.2	10.0	64.7	1.06	4.00	2.13	54
REP 2315272	QC																				
2315279	Drill Core	7.55	0.049	13.89	161.55	6.46	55.2	886	3.5	7.5	500	2.84	20.6	2.6	60.2	5.9	69.1	0.35	0.35	1.76	72
REP 2315279	QC			10.61	161.65	6.19	57.6	860	3.5	7.1	496	2.82	21.2	2.5	23.5	6.0	73.3	0.82	0.35	1.49	71
Core Reject Duplicates																					
2315204	Drill Core	6.23	0.009	3.34	59.02	5.52	105.1	318	3.4	10.0	987	4.46	19.1	1.2	9.8	8.1	93.3	0.83	0.10	1.69	69
DUP 2315204	QC		0.010	3.05	60.62	5.51	106.4	361	3.0	10.3	1035	4.59	18.3	1.1	6.9	8.0	92.3	0.77	0.10	1.93	70
2315238	Drill Core	6.51	0.044	3.65	95.23	3.98	53.5	390	3.2	7.4	701	2.58	8.7	2.6	53.0	6.1	140.6	0.26	0.70	0.32	64
DUP 2315238	QC		0.038	3.77	96.36	4.01	52.8	433	3.0	7.1	690	2.63	8.1	2.7	60.6	6.2	142.3	0.25	0.78	0.33	64
2315272	Drill Core	6.36	0.047	8.56	173.45	4.73	29.2	451	2.6	6.2	253	2.40	5.9	2.5	48.2	7.4	79.8	0.23	0.32	0.08	71
DUP 2315272	QC		0.056	8.53	169.05	4.85	31.0	477	2.0	5.7	254	2.28	5.9	2.5	49.5	7.7	79.2	0.21	0.32	0.07	69
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard			14.41	120.15	137.76	340.6	1940	42.8	7.6	620	2.51	30.0	3.2	109.5	6.9	77.8	2.58	4.28	7.10	41

QUALITY CONTROL REPORT

WHI13000213.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																					
2315149	Drill Core	0.96	0.085	13.2	14.5	1.07	208.8	0.001	<20	2.10	0.016	0.28	<0.1	4.5	0.18	0.96	<5	1.7	0.42	5.6	9.34
REP 2315149	QC	0.96	0.080	14.5	14.1	1.07	212.7	0.001	<20	2.11	0.017	0.29	<0.1	4.5	0.20	0.96	6	1.8	0.53	5.4	9.82
2315152	Drill Core	2.49	0.077	8.8	11.7	0.98	79.5	<0.001	<20	1.72	0.037	0.27	<0.1	4.5	0.22	1.84	21	2.9	0.31	4.1	11.93
REP 2315152	QC																				
2315185	Drill Core	3.23	0.098	11.6	19.8	1.17	268.1	0.042	<20	1.58	0.096	0.17	4.0	6.4	0.07	0.18	<5	0.1	<0.02	6.8	6.75
REP 2315185	QC	3.27	0.110	11.6	20.8	1.19	278.7	0.041	<20	1.63	0.098	0.17	3.1	5.9	0.07	0.19	<5	<0.1	0.07	7.2	6.82
REP 2315204	QC																				
2315214	Drill Core	1.75	0.101	8.7	23.2	1.45	342.7	0.057	<20	1.96	0.138	0.09	<0.1	7.1	0.03	0.13	<5	<0.1	<0.02	7.1	5.73
REP 2315214	QC																				
2315220	Drill Core	1.96	0.098	10.5	16.3	1.23	67.1	0.002	<20	2.23	0.016	0.26	<0.1	5.6	0.25	1.23	<5	2.2	0.51	6.7	6.56
REP 2315220	QC	1.92	0.095	10.4	15.0	1.23	90.4	0.002	<20	2.20	0.015	0.26	<0.1	5.5	0.26	1.21	<5	2.5	0.32	6.1	6.61
2315255	Drill Core	1.58	0.111	12.9	22.2	0.89	204.5	0.135	<20	1.86	0.266	0.37	<0.1	3.8	0.19	0.03	<5	<0.1	<0.02	6.5	4.00
REP 2315255	QC	1.57	0.109	13.7	22.3	0.88	206.5	0.134	<20	1.81	0.260	0.36	<0.1	3.8	0.16	0.03	<5	<0.1	<0.02	6.4	4.09
2315270	Rock Pulp	1.75	0.064	17.9	59.1	0.85	159.9	0.031	<20	1.42	0.056	0.50	1.8	6.0	0.28	1.75	89	2.3	0.28	4.6	1.69
REP 2315270	QC	1.77	0.062	17.7	59.4	0.85	163.9	0.032	<20	1.41	0.055	0.50	1.7	6.5	0.29	1.77	90	2.3	0.30	4.6	1.72
REP 2315272	QC																				
2315279	Drill Core	1.68	0.101	11.0	19.0	1.18	144.6	0.101	<20	1.85	0.149	0.21	0.2	3.9	0.13	0.18	6	0.3	0.73	6.5	3.86
REP 2315279	QC	1.68	0.105	10.5	19.1	1.16	144.3	0.103	<20	1.84	0.151	0.21	0.2	4.0	0.14	0.18	<5	0.5	0.65	6.2	3.82
Core Reject Duplicates																					
2315204	Drill Core	2.96	0.101	13.8	21.8	1.67	134.5	0.001	<20	2.72	0.012	0.21	<0.1	6.6	0.12	0.72	<5	1.1	0.76	8.4	11.27
DUP 2315204	QC	2.97	0.103	13.1	21.8	1.70	115.4	0.001	<20	2.67	0.011	0.19	<0.1	7.2	0.10	0.74	<5	0.8	0.66	8.0	11.21
2315238	Drill Core	2.42	0.102	9.3	17.3	1.29	286.5	0.027	<20	2.41	0.210	0.10	<0.1	6.8	0.06	0.12	<5	0.3	<0.02	7.3	8.24
DUP 2315238	QC	2.42	0.096	9.4	18.3	1.27	287.8	0.028	<20	2.44	0.220	0.10	<0.1	6.7	0.05	0.12	<5	<0.1	<0.02	7.6	8.19
2315272	Drill Core	1.33	0.106	12.6	17.9	0.78	82.6	0.132	<20	1.57	0.236	0.11	0.2	2.4	0.06	0.06	<5	<0.1	<0.02	6.0	1.90
DUP 2315272	QC	1.27	0.108	12.2	18.0	0.75	84.1	0.133	<20	1.56	0.235	0.11	0.2	2.7	0.06	0.06	<5	<0.1	0.02	5.8	1.86
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard	0.77	0.080	14.1	126.8	0.66	338.9	0.121	<20	1.01	0.087	0.42	2.7	2.7	5.66	0.18	228	6.3	5.29	4.8	2.55

QUALITY CONTROL REPORT

WHI13000213.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
Pulp Duplicates																					
2315149	Drill Core	<0.1	0.03	<0.02	11.1	0.8	<0.05	0.9	10.32	27.3	0.03	<1	0.6	24.1	<10	<2					
REP 2315149	QC	<0.1	<0.02	<0.02	11.2	0.8	<0.05	0.8	10.26	25.9	0.03	4	0.6	28.8	<10	<2					
2315152	Drill Core	<0.1	<0.02	<0.02	11.0	0.7	<0.05	0.9	11.84	17.1	0.04	<1	0.9	21.4	<10	<2					
REP 2315152	QC																				
2315185	Drill Core	<0.1	0.05	0.03	6.2	0.6	<0.05	1.4	11.03	24.6	0.03	<1	0.4	15.2	<10	<2					
REP 2315185	QC	<0.1	0.05	<0.02	6.2	0.8	<0.05	1.3	11.81	24.2	0.04	2	0.5	14.2	<10	<2					
REP 2315204	QC																				
2315214	Drill Core	<0.1	0.06	0.03	2.9	0.6	<0.05	1.2	10.39	20.5	0.04	<1	0.2	17.6	<10	<2					
REP 2315214	QC																				
2315220	Drill Core	<0.1	0.04	<0.02	8.9	0.5	<0.05	1.7	11.15	22.2	0.17	<1	0.8	12.2	<10	<2					
REP 2315220	QC	<0.1	0.03	<0.02	8.7	0.5	<0.05	1.7	11.34	21.5	0.16	<1	0.4	11.2	<10	<2					
2315255	Drill Core	<0.1	0.12	0.04	21.0	0.6	<0.05	3.5	7.54	26.8	0.03	<1	0.3	7.2	<10	<2					
REP 2315255	QC	<0.1	0.13	0.02	22.3	0.6	<0.05	3.4	8.06	28.0	0.03	<1	0.6	7.3	<10	<2					
2315270	Rock Pulp	<0.1	0.08	0.04	29.4	1.7	<0.05	3.1	10.28	32.4	0.02	41	0.3	7.1	14	<2					
REP 2315270	QC	<0.1	0.10	0.03	29.5	1.7	<0.05	2.9	9.63	33.6	0.04	40	0.4	6.8	27	<2					
REP 2315272	QC																61.14	16.31	5.46	3.00	6.19
2315279	Drill Core	<0.1	0.18	0.03	11.7	1.6	<0.05	4.0	8.39	22.8	0.07	3	0.2	10.8	<10	<2					
REP 2315279	QC	<0.1	0.24	0.05	11.8	1.4	<0.05	4.3	8.64	22.2	0.07	<1	0.2	11.5	<10	<2					
Core Reject Duplicates																					
2315204	Drill Core	<0.1	0.02	<0.02	7.9	0.6	<0.05	1.0	14.77	28.4	0.04	2	0.7	15.2	<10	<2					
DUP 2315204	QC	<0.1	<0.02	<0.02	6.9	0.7	<0.05	0.9	14.59	28.2	0.05	<1	0.7	14.9	<10	3					
2315238	Drill Core	<0.1	0.08	<0.02	4.4	1.2	<0.05	2.4	10.99	20.0	0.03	3	0.3	14.3	<10	<2					
DUP 2315238	QC	<0.1	0.10	<0.02	4.4	1.1	<0.05	2.4	10.91	20.6	0.05	3	0.5	13.5	<10	<2					
2315272	Drill Core	<0.1	0.13	0.05	5.4	1.0	<0.05	3.8	6.12	25.7	<0.02	1	0.2	10.5	<10	<2	60.39	16.66	5.53	3.02	6.33
DUP 2315272	QC	<0.1	0.14	0.04	5.5	0.7	<0.05	3.7	6.39	25.2	0.02	4	0.4	9.1	<10	3					
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard	0.1	0.04	1.02	36.1	7.3	<0.05	2.1	6.21	24.7	2.43	71	5.4	29.8	120	368					

QUALITY CONTROL REPORT

WHI13000213.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
Pulp Duplicates																					
2315149	Drill Core																				
REP 2315149	QC																				
2315152	Drill Core																				
REP 2315152	QC																				
2315185	Drill Core																				
REP 2315185	QC																				
REP 2315204	QC																				
2315214	Drill Core																				
REP 2315214	QC																				
2315220	Drill Core																				
REP 2315220	QC																				
2315255	Drill Core																				
REP 2315255	QC																				
2315270	Rock Pulp																				
REP 2315270	QC																				
REP 2315272	QC	3.76	1.47	0.69	0.24	0.08	0.004	<20	13	1.4	99.70	963	<1	8.5	2.9	19.5	4.2	6.8	32.6	4	662.4
2315279	Drill Core																				
REP 2315279	QC																				
Core Reject Duplicates																					
2315204	Drill Core																				
DUP 2315204	QC																				
2315238	Drill Core																				
DUP 2315238	QC																				
2315272	Drill Core	3.91	1.49	0.70	0.23	0.08	0.004	<20	14	1.4	99.72	877	<1	8.0	2.6	17.4	3.2	5.9	30.9	2	609.8
DUP 2315272	QC																				
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard																				

QUALITY CONTROL REPORT

WHI13000213.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01
Pulp Duplicates																					
2315149	Drill Core																				
REP 2315149	QC																				
2315152	Drill Core																				
REP 2315152	QC																				
2315185	Drill Core																				
REP 2315185	QC																				
REP 2315204	QC																				
2315214	Drill Core																				
REP 2315214	QC																				
2315220	Drill Core																				
REP 2315220	QC																				
2315255	Drill Core																				
REP 2315255	QC																				
2315270	Rock Pulp																				
REP 2315270	QC																				
REP 2315272	QC	0.5	7.4	3.0	115	0.9	131.4	18.3	27.8	55.7	6.47	25.9	5.08	1.46	4.56	0.62	3.59	0.58	1.71	0.27	1.82
2315279	Drill Core																				
REP 2315279	QC																				
Core Reject Duplicates																					
2315204	Drill Core																				
DUP 2315204	QC																				
2315238	Drill Core																				
DUP 2315238	QC																				
2315272	Drill Core	0.4	7.4	3.0	109	0.9	121.5	16.0	25.5	49.5	6.15	24.1	4.49	1.27	4.05	0.57	3.19	0.55	1.46	0.23	1.50
DUP 2315272	QC																				
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard																				

QUALITY CONTROL REPORT

WHI13000213.2

Method Analyte Unit MDL		4A-4B 2A Leco 2A Leco		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
Pulp Duplicates																		
2315149	Drill Core																	
REP 2315149	QC																	
2315152	Drill Core																	
REP 2315152	QC																	
2315185	Drill Core																	
REP 2315185	QC																	
REP 2315204	QC																	
2315214	Drill Core																	
REP 2315214	QC																	
2315220	Drill Core																	
REP 2315220	QC																	
2315255	Drill Core																	
REP 2315255	QC																	
2315270	Rock Pulp																	
REP 2315270	QC																	
REP 2315272	QC	0.26			7.8	134.0	4.1	28	2.2	5.2	0.2	0.4	<0.1	0.5	34.6	<0.01	<0.1	<0.5
2315279	Drill Core																	
REP 2315279	QC																	
Core Reject Duplicates																		
2315204	Drill Core																	
DUP 2315204	QC																	
2315238	Drill Core																	
DUP 2315238	QC																	
2315272	Drill Core	0.24	0.10	0.06	6.1	129.4	4.3	28	2.2	4.8	0.3	0.4	0.1	0.5	47.3	<0.01	<0.1	<0.5
DUP 2315272	QC																	
Reference Materials																		
STD DS10	Standard				15.2	152.4	170.1	368	81.8	41.6	2.3	6.4	11.0	2.4	101.6	0.31	5.4	3.0
STD DS9	Standard																	

QUALITY CONTROL REPORT

WHI13000213.2

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
STD DS9	Standard			12.70	109.38	129.72	314.6	1856	39.0	7.7	559	2.33	25.3	3.1	113.1	7.6	71.4	2.28	4.64	6.86
STD DS9	Standard			11.89	108.12	127.73	307.3	1660	39.5	7.4	573	2.37	24.2	2.6	99.5	5.9	63.9	2.31	4.08	6.30
STD DS9	Standard			13.65	114.14	134.38	324.3	1720	40.1	8.1	588	2.31	28.1	2.9	193.0	6.9	81.2	2.58	4.66	6.16
STD DS9	Standard			13.50	113.20	138.66	323.7	2305	43.8	8.5	631	2.48	24.8	3.0	108.8	6.4	71.1	2.47	4.24	6.52
STD GS311-1	Standard																			
STD GS910-4	Standard																			
STD OREAS45EA	Standard			1.22	703.38	13.38	28.5	227	395.3	47.0	346	22.85	8.2	1.6	47.7	9.5	3.7	0.06	0.14	0.23
STD OREAS45EA	Standard			1.42	707.53	16.38	31.9	291	396.4	48.4	395	23.30	8.3	1.9	59.2	11.2	4.0	0.02	0.19	0.31
STD OREAS45EA	Standard			1.22	663.77	13.29	26.2	258	368.2	48.8	363	23.00	6.8	1.6	54.8	9.4	3.1	0.03	0.21	0.28
STD OREAS45EA	Standard			1.48	748.57	16.45	30.7	285	401.2	51.8	417	25.25	10.1	1.9	59.5	12.3	4.5	0.01	0.19	0.44
STD OREAS45EA	Standard			1.22	749.14	15.66	29.9	261	423.9	53.4	370	24.84	8.5	1.9	58.8	10.4	3.7	0.04	0.12	0.23
STD OREAS45EA	Standard			1.40	731.05	14.91	30.3	281	394.1	52.3	412	24.57	9.2	1.8	55.2	10.5	3.7	0.04	0.18	0.30
STD OREAS45EA	Standard																			
STD OXC109	Standard		0.198																	
STD OXC109	Standard		0.193																	
STD OXC109	Standard		0.197																	
STD OXC109	Standard		0.196																	
STD OXC109	Standard		0.208																	
STD OXI96	Standard		1.793																	
STD OXI96	Standard		1.834																	
STD OXI96	Standard		1.838																	
STD OXI96	Standard		1.815																	
STD OXL93	Standard		6.079																	
STD OXL93	Standard		5.933																	
STD OXL93	Standard		5.872																	
STD OXL93	Standard		5.630																	
STD OXL93	Standard		5.841																	
STD SG56	Standard		1.045																	
STD SO-18	Standard																			

QUALITY CONTROL REPORT

WHI13000213.2

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
STD DS9	Standard	0.71	0.080	13.0	114.5	0.62	324.0	0.107	<20	0.95	0.082	0.40	2.8	2.4	5.38	0.15	198	4.9	5.06	4.4	2.40
STD DS9	Standard	0.70	0.080	11.1	110.5	0.62	310.7	0.102	<20	0.93	0.081	0.40	2.7	2.2	5.00	0.17	183	5.1	5.21	4.1	2.34
STD DS9	Standard	0.69	0.081	15.0	119.5	0.66	345.0	0.121	<20	0.98	0.081	0.37	2.8	2.5	5.67	0.18	191	5.5	5.16	4.8	2.53
STD DS9	Standard	0.76	0.078	13.9	127.8	0.66	346.9	0.120	<20	1.00	0.090	0.42	2.9	2.6	5.72	0.18	199	6.2	4.94	4.9	2.56
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	0.04	0.024	6.1	753.0	0.09	131.2	0.081	<20	3.23	0.020	0.05	<0.1	67.7	<0.02	0.04	7	0.8	0.02	10.8	0.63
STD OREAS45EA	Standard	0.04	0.030	6.9	797.8	0.10	147.3	0.091	<20	3.29	0.015	0.05	<0.1	79.2	<0.02	0.04	7	0.4	0.03	12.5	0.66
STD OREAS45EA	Standard	0.03	0.025	5.6	732.5	0.08	128.1	0.081	<20	3.03	0.015	0.05	<0.1	68.3	<0.02	0.04	6	0.6	0.05	10.6	0.59
STD OREAS45EA	Standard	0.05	0.029	7.2	779.5	0.11	150.5	0.098	<20	3.41	0.022	0.06	<0.1	84.5	<0.02	0.04	25	1.1	0.11	12.1	0.68
STD OREAS45EA	Standard	0.03	0.028	6.6	832.5	0.09	138.9	0.093	<20	3.46	0.019	0.06	<0.1	76.5	<0.02	0.03	<5	0.3	0.12	12.5	0.63
STD OREAS45EA	Standard	0.04	0.030	6.8	803.9	0.10	143.3	0.088	<20	3.21	0.026	0.05	<0.1	82.7	<0.02	0.04	10	0.9	0.06	12.4	0.64
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SG56	Standard																				
STD SO-18	Standard																				

QUALITY CONTROL REPORT

WHI13000213.2

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01
STD DS9	Standard	0.1	0.07	0.80	33.4	6.4	<0.05	1.9	5.76	23.8	2.25	57	6.2	24.6	101	346					
STD DS9	Standard	0.1	0.06	0.89	33.5	6.6	<0.05	1.7	5.02	19.9	2.19	64	5.5	24.1	119	326					
STD DS9	Standard	0.1	0.09	0.86	36.1	7.3	<0.05	1.8	5.48	25.8	2.19	72	5.7	27.0	136	377					
STD DS9	Standard	<0.1	0.05	0.92	36.1	6.9	<0.05	2.0	6.22	26.1	2.28	56	5.4	26.4	112	406					
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	0.1	0.54	0.07	6.7	0.7	<0.05	18.5	4.76	15.6	0.09	<1	0.3	2.5	72	99					
STD OREAS45EA	Standard	0.1	0.71	0.07	7.1	0.9	<0.05	23.3	5.51	18.6	0.11	<1	0.5	2.7	73	122					
STD OREAS45EA	Standard	0.1	0.61	0.06	6.6	0.6	<0.05	19.2	4.39	14.5	0.07	<1	0.4	1.9	67	99					
STD OREAS45EA	Standard	0.3	0.73	0.07	7.6	0.8	<0.05	22.8	5.54	18.8	0.11	1	0.6	2.8	74	121					
STD OREAS45EA	Standard	0.2	0.59	0.06	6.7	0.8	<0.05	21.0	5.03	17.5	0.08	1	0.5	2.7	55	93					
STD OREAS45EA	Standard	0.2	0.47	0.03	7.5	0.9	<0.05	19.6	5.23	17.8	0.08	<1	0.3	2.7	73	131					
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SG56	Standard																				
STD SO-18	Standard																58.24	14.12	7.64	3.37	6.30

QUALITY CONTROL REPORT

WHI13000213.2

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SG56	Standard																				
STD SO-18	Standard	3.64	2.13	0.69	0.79	0.40	0.542	41	24	1.9	99.76	482	<1	24.1	6.9	16.6	8.0	18.1	25.9	12	387.4

QUALITY CONTROL REPORT

WHI13000213.2

		4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05	4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05	4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SG56	Standard																				
STD SO-18	Standard	5.8	9.2	14.9	195	12.9	264.3	28.4	12.0	25.9	3.14	12.3	2.69	0.79	2.70	0.45	2.92	0.56	1.79	0.24	1.53

QUALITY CONTROL REPORT

WHI13000213.2

		4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
STD DS9	Standard																	
STD DS9	Standard																	
STD DS9	Standard																	
STD DS9	Standard																	
STD GS311-1	Standard		0.99	2.28														
STD GS910-4	Standard		2.63	8.42														
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard				1.5	706.7	14.4	31	392.7	8.6	<0.1	0.1	0.2	0.3	61.9	0.01	<0.1	0.8
STD OXC109	Standard																	
STD OXC109	Standard																	
STD OXC109	Standard																	
STD OXC109	Standard																	
STD OXC109	Standard																	
STD OXI96	Standard																	
STD OXI96	Standard																	
STD OXI96	Standard																	
STD OXI96	Standard																	
STD OXL93	Standard																	
STD OXL93	Standard																	
STD OXL93	Standard																	
STD OXL93	Standard																	
STD OXL93	Standard																	
STD SG56	Standard																	
STD SO-18	Standard	0.26																

QUALITY CONTROL REPORT

WHI13000213.2

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
STD SO-18	Standard																			
STD SG56 Expected			1.027																	
STD OXC109 Expected			0.201																	
STD OXI96 Expected			1.802																	
STD OXL93 Expected			5.841																	
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32
STD DS10 Expected																				40
STD OREAS45EA Expected				1.39	709	14.3	28.9	260	381	52	400	23.51	9.1	1.73	53	10.7	3.5	0.02	0.2	0.26
STD GS311-1 Expected																				303
STD GS910-4 Expected																				
STD SO-18 Expected																				
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.01	0.02	0.04	<0.1	8	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank			<0.01	<0.01	0.01	<0.1	3	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank			<0.01	<0.01	<0.01	<0.1	9	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.01	<0.01	<0.01	<0.1	2	<0.1	<0.1	1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank			<0.01	<0.01	<0.01	<0.1	4	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank			<0.01	0.12	0.03	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank																			
BLK	Blank																			

QUALITY CONTROL REPORT

WHI13000213.2

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
STD SO-18	Standard																				
STD SG56 Expected																					
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS9 Expected		0.7201	0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37
STD DS10 Expected																					
STD OREAS45EA Expected		0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053		78	0.072	0.036	10	0.63	0.07	11.7	0.63
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	0.02	<0.1	<0.02
BLK	Blank																				
BLK	Blank																				

QUALITY CONTROL REPORT

WHI13000213.2

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01
STD SO-18	Standard																58.05	14.05	7.78	3.40	6.27
STD SG56 Expected																					
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS9 Expected		0.1	0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350					
STD DS10 Expected																					
STD OREAS45EA Expected		0.26	0.57	0.06	7.04	0.83		20	5.09	17.7	0.08		0.41	2.37	66	108					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected																	58.47	14.23	7.67	3.35	6.42
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	2	<0.1	<0.1	<10	<2					
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2					
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	3	<0.1	<0.1	<10	<2					
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2					
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2					
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	2	0.1	<0.1	<10	<2					
BLK	Blank																				
BLK	Blank																				



PHONE (604) 253-3158

Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Report Date: November 04, 2013

Part: 4 of 6

WHI13000213.2

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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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Report Date: November 04, 2013

Part: 5 of 6

WHI13000213.2

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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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800
Report Date: November 04, 2013

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Page: 3 of 4

Part: 6 of 6

QUALITY CONTROL REPORT

WHI13000213.2

[illegible]

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.

QUALITY CONTROL REPORT

WHI13000213.2

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank		<0.005	0.18	3.28	5.29	51.4	15	3.1	4.1	625	2.15	0.7	2.2	2.4	6.8	59.5	0.07	0.07	0.10	38
G1-WHI	Prep Blank		<0.005	0.14	3.36	4.63	46.8	19	3.5	4.0	633	2.26	0.6	2.1	<0.2	6.8	75.3	0.03	0.04	0.08	38

QUALITY CONTROL REPORT

WHI13000213.2

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank	0.51	0.076	14.2	7.7	0.52	207.7	0.132	<20	0.98	0.094	0.52	<0.1	2.4	0.33	<0.02	<5	<0.1	<0.02	5.2	3.96
G1-WHI	Prep Blank	0.57	0.072	15.0	9.0	0.51	197.8	0.137	<20	1.13	0.137	0.56	<0.1	2.5	0.36	<0.02	8	<0.1	<0.02	5.3	3.88

QUALITY CONTROL REPORT

WHI13000213.2

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01
BLK	Blank																<0.01	<0.01	<0.04	<0.01	<0.01
Prep Wash																					
G1-WHI	Prep Blank	0.1	0.08	0.37	47.3	0.5	<0.05	1.3	5.66	26.0	0.05	2	0.3	35.2	<10	<2					
G1-WHI	Prep Blank	0.1	0.13	0.32	48.0	0.6	<0.05	1.5	6.21	26.1	<0.02	<1	0.4	34.1	<10	<2					

QUALITY CONTROL REPORT

WHI13000213.2

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1
BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1
Prep Wash																				
G1-WHI	Prep Blank																			
G1-WHI	Prep Blank																			

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800
Report Date: November 04, 2013

Page: 4 of 4

Part: 5 of 6

QUALITY CONTROL REPORT

WHI13000213.2

		4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05	4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05	4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05
BLK	Blank	<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	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05
Prep Wash																					
G1-WHI	Prep Blank																				
G1-WHI	Prep Blank																				

QUALITY CONTROL REPORT

WHI13000213.2

		4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
BLK	Blank	<0.01																
Prep Wash																		
G1-WHI	Prep Blank																	
G1-WHI	Prep Blank																	

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Whitehorse
Received: August 05, 2013
Report Date: November 01, 2013
Page: 1 of 4

CERTIFICATE OF ANALYSIS

WHI13000235.2

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_008
P.O. Number
Number of Samples: 64

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

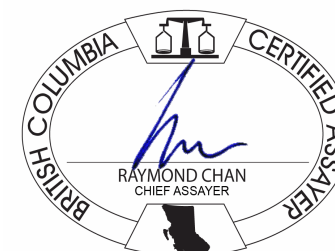
CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	61	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
G601	64	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
1F04	64	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
4AB1	3	Whole Rock Analysis Majors and Trace Elements	0.2	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 4AB1 included.



CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315280	Drill Core	4.45	0.908	71.92	1761.73	71.48	173.2	1698	6.0	7.2	432	2.45	24.0	1.8	1179.5	8.2	89.6	2.34	1.19	0.67
2315281	Drill Core	2.75	1.193	62.42	710.08	27.63	70.2	664	3.5	4.4	328	1.53	13.6	2.1	2496.2	8.4	67.5	0.89	0.91	0.30
2315282	Drill Core	3.01	1.579	70.78	630.18	26.00	67.5	529	3.4	5.3	311	1.50	13.9	1.9	1399.8	7.4	59.7	0.78	0.95	0.25
2315283	Drill Core	6.15	1.319	33.84	451.22	15.42	41.7	352	3.7	4.3	287	1.51	8.0	1.7	1339.0	7.1	70.4	0.45	0.83	0.26
2315284	Drill Core	6.42	1.474	40.33	2531.79	56.50	151.6	1648	4.9	7.5	341	2.08	24.5	1.7	1013.3	6.6	68.2	1.86	1.22	0.84
2315285	Drill Core	5.80	0.741	31.88	719.24	41.68	93.7	355	2.0	6.1	220	1.55	31.3	1.2	721.7	4.3	66.5	1.13	1.06	0.28
2315286	Drill Core	6.98	1.039	41.08	979.04	38.76	139.7	567	3.2	5.2	265	1.43	47.8	1.6	1123.8	5.7	54.2	1.66	1.53	0.29
2315287	Drill Core	6.48	0.615	59.19	515.49	39.75	310.4	1343	14.8	6.9	440	2.36	61.8	1.3	1036.2	3.7	63.7	3.61	5.11	0.37
2315288	Drill Core	6.10	1.945	61.63	1267.22	39.65	167.1	2323	8.9	7.6	303	1.25	19.7	1.1	1552.2	4.1	54.5	2.09	1.00	0.55
2315289	Drill Core	5.79	1.523	91.35	1267.00	61.16	206.5	3021	6.4	9.3	364	1.67	30.4	0.9	1625.7	4.1	61.0	2.33	1.16	0.60
2315290	Rock Pulp	0.06	2.019	3.71	36.78	7.01	55.3	397	28.0	12.1	487	3.06	9.6	0.3	1458.5	1.1	48.8	0.22	0.87	0.13
2315291	Rock	2.71	0.009	0.44	7.76	4.27	49.7	15	4.0	4.3	614	2.22	0.5	2.2	<0.2	6.4	60.5	0.02	0.03	0.03
2315292	Drill Core	5.90	0.633	138.06	784.97	43.82	776.8	3207	12.1	13.9	843	2.92	55.8	0.9	517.3	4.3	110.2	8.22	0.56	1.04
2315293	Drill Core	5.48	0.696	146.04	315.93	151.85	719.6	1733	5.3	10.3	743	2.57	86.7	1.5	1004.4	5.7	100.5	7.70	0.71	0.51
2315294	Drill Core	5.12	0.215	28.98	245.43	26.19	216.2	795	4.9	5.7	599	1.70	13.2	1.9	250.3	7.1	124.1	2.43	0.17	0.24
2315295	Drill Core	6.31	0.330	74.89	201.56	20.73	167.5	592	5.0	4.3	468	1.63	10.6	2.3	394.9	7.7	118.2	1.59	0.39	0.28
2315296	Drill Core	5.72	0.257	30.33	303.34	24.24	96.0	610	4.0	5.9	403	1.84	12.8	2.3	272.1	8.2	122.9	1.15	0.18	0.31
2315297	Drill Core	5.12	0.248	34.10	357.69	13.89	79.3	543	4.8	4.8	426	1.94	9.0	2.3	334.7	8.0	95.7	0.86	0.41	0.22
2315298	Drill Core	5.01	0.449	39.93	386.07	20.48	97.6	693	3.7	6.4	666	1.95	6.7	1.3	635.2	6.1	164.9	1.22	0.12	0.38
2315299	Drill Core	6.19	0.427	79.89	424.26	10.94	61.0	791	4.0	7.1	579	1.91	8.6	1.4	445.4	5.6	168.1	0.62	0.22	0.48
2315300	Drill Core	5.75	0.371	30.43	217.29	12.87	142.0	641	4.0	6.9	436	1.30	30.4	2.8	316.0	9.7	154.3	1.39	0.11	0.40
2315301	Drill Core	2.79	0.197	42.25	123.34	14.80	175.2	415	4.6	4.8	367	1.03	15.8	2.5	149.6	8.5	132.6	1.55	0.19	0.40
2315302	Drill Core	2.39	0.171	29.96	87.04	12.50	129.1	351	4.1	4.6	378	1.05	13.5	1.7	137.8	9.6	133.4	1.49	0.12	0.46
2315303	Drill Core	3.90	0.191	20.25	153.52	12.36	129.3	650	3.3	5.4	282	0.71	13.4	1.2	759.4	6.6	115.6	1.87	0.11	0.29
2315304	Drill Core	3.12	0.059	10.47	103.53	13.04	91.2	318	10.8	6.5	629	1.16	10.3	1.5	57.3	7.5	198.0	0.78	0.40	0.16
2315305	Drill Core	5.85	0.227	13.78	33.21	10.41	56.5	142	6.6	4.3	320	1.11	4.1	1.7	45.7	7.6	86.7	0.38	0.60	0.11
2315306	Drill Core	6.32	0.367	26.60	50.77	13.56	200.9	273	7.2	3.7	283	1.05	4.9	1.5	263.5	7.7	81.6	1.61	1.31	0.32
2315307	Drill Core	5.41	0.133	11.32	47.48	10.74	109.2	135	5.7	3.0	195	0.76	5.5	1.2	84.9	5.6	79.0	1.38	0.56	0.18
2315308	Drill Core	5.96	0.214	10.24	29.24	9.17	48.9	107	6.8	3.4	138	0.84	4.3	1.4	285.1	5.1	73.2	0.41	0.72	0.18
2315309	Drill Core	6.19	0.260	22.11	58.06	12.60	45.9	175	6.3	3.4	176	0.97	5.4	1.6	349.0	6.5	87.0	0.54	0.93	0.38

CERTIFICATE OF ANALYSIS

WHI13000235.2

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315280	Drill Core	2.27	0.081	13.8	19.5	1.50	34.9	0.053	<20	1.64	0.136	0.05	0.2	8.0	0.10	0.27	17	1.3	0.18	7.1	6.63
2315281	Drill Core	2.15	0.084	9.6	18.0	1.05	54.9	0.059	<20	1.23	0.126	0.06	0.3	6.1	0.09	0.10	<5	1.0	0.12	6.0	4.36
2315282	Drill Core	1.92	0.084	9.0	17.2	1.03	41.4	0.060	<20	1.28	0.132	0.06	0.3	5.9	0.09	0.10	<5	0.9	0.08	5.9	4.22
2315283	Drill Core	2.45	0.092	22.4	19.1	1.13	35.8	0.050	<20	1.38	0.146	0.04	0.1	7.2	0.06	0.06	9	0.8	0.13	6.7	3.54
2315284	Drill Core	2.27	0.093	14.8	19.9	0.98	36.5	0.070	<20	1.37	0.143	0.04	0.2	5.1	0.05	0.31	20	2.6	0.46	7.0	2.67
2315285	Drill Core	1.85	0.122	14.2	4.9	0.54	52.8	0.117	23	0.89	0.161	0.04	0.4	4.5	0.02	0.10	8	0.7	0.07	4.8	1.14
2315286	Drill Core	1.33	0.094	11.9	8.9	0.56	64.1	0.078	<20	0.86	0.122	0.08	0.3	3.0	0.09	0.13	13	0.9	0.14	4.3	2.56
2315287	Drill Core	2.26	0.120	14.1	12.9	1.05	55.0	0.092	<20	1.31	0.141	0.06	0.3	6.1	0.09	0.16	36	0.8	0.09	6.0	3.62
2315288	Drill Core	1.73	0.128	11.5	8.2	0.87	74.6	0.105	70	1.06	0.123	0.06	0.3	4.5	0.09	0.18	5	1.4	0.34	5.3	5.98
2315289	Drill Core	1.84	0.135	13.5	8.8	1.06	101.4	0.110	32	1.32	0.138	0.06	0.3	4.9	0.08	0.23	5	1.1	0.28	6.6	4.91
2315290	Rock Pulp	0.96	0.067	5.2	32.4	0.94	125.2	0.135	<20	1.91	0.108	0.17	14.1	5.3	0.06	0.04	108	0.2	0.07	6.5	0.48
2315291	Rock	0.53	0.083	15.5	9.8	0.56	190.4	0.132	<20	1.03	0.098	0.54	<0.1	2.4	0.38	<0.02	<5	<0.1	<0.02	5.2	3.94
2315292	Drill Core	3.77	0.134	13.7	11.0	1.70	174.6	0.043	<20	2.45	0.157	0.07	0.2	12.0	0.13	0.34	37	1.3	0.48	9.1	8.92
2315293	Drill Core	3.79	0.106	13.1	13.1	1.26	102.0	0.005	<20	2.09	0.071	0.12	0.1	9.7	0.23	0.46	59	1.4	0.08	6.2	9.20
2315294	Drill Core	4.74	0.087	16.9	15.3	1.06	63.5	0.001	<20	2.03	0.075	0.10	<0.1	6.6	0.17	0.11	11	0.4	0.06	5.8	13.33
2315295	Drill Core	3.32	0.085	14.9	21.0	1.23	71.8	0.011	<20	1.86	0.177	0.06	<0.1	9.1	0.08	0.10	15	0.5	0.05	6.4	10.02
2315296	Drill Core	3.68	0.089	18.3	19.8	1.16	145.1	0.002	<20	1.85	0.082	0.08	<0.1	8.1	0.13	0.10	6	0.5	0.06	6.6	10.76
2315297	Drill Core	2.76	0.084	13.8	20.9	1.27	58.0	0.017	<20	1.63	0.116	0.08	<0.1	8.9	0.11	0.09	<5	0.3	<0.02	5.9	8.04
2315298	Drill Core	5.68	0.120	24.4	8.8	1.07	173.4	0.003	<20	2.41	0.143	0.15	<0.1	12.7	0.18	0.08	9	0.7	0.07	6.6	10.64
2315299	Drill Core	5.41	0.138	26.0	8.4	0.87	140.2	0.007	<20	2.41	0.170	0.16	<0.1	13.5	0.21	0.09	<5	0.3	0.13	7.0	13.95
2315300	Drill Core	5.18	0.108	16.4	6.5	0.93	48.3	<0.001	<20	2.84	0.032	0.12	0.1	6.3	0.25	0.23	8	0.5	0.11	7.2	9.38
2315301	Drill Core	4.26	0.089	9.7	10.2	0.89	35.9	<0.001	<20	1.97	0.022	0.10	<0.1	4.8	0.19	0.12	<5	0.4	0.03	4.8	8.17
2315302	Drill Core	4.38	0.087	11.2	10.3	0.81	43.0	<0.001	<20	1.98	0.027	0.12	0.1	4.8	0.21	0.10	19	<0.1	0.12	5.0	7.71
2315303	Drill Core	3.44	0.106	4.3	7.7	0.63	18.6	<0.001	<20	1.79	0.022	0.04	<0.1	3.6	0.07	0.08	12	0.3	0.03	4.2	2.67
2315304	Drill Core	7.44	0.107	19.0	12.2	0.60	61.4	<0.001	<20	1.44	0.080	0.08	<0.1	12.7	0.11	0.06	6	<0.1	0.04	3.5	10.79
2315305	Drill Core	2.40	0.098	11.4	32.1	1.11	81.4	0.047	<20	1.51	0.202	0.05	0.1	7.8	0.05	0.03	<5	<0.1	<0.02	5.4	4.46
2315306	Drill Core	1.90	0.105	10.2	28.5	1.43	72.6	0.029	<20	1.65	0.122	0.08	0.1	6.1	0.08	0.03	8	<0.1	<0.02	6.0	5.54
2315307	Drill Core	1.49	0.099	8.2	20.4	1.05	125.2	0.087	22	1.19	0.144	0.07	0.2	5.1	0.07	0.04	<5	<0.1	<0.02	4.5	4.99
2315308	Drill Core	1.36	0.096	6.9	23.5	1.25	128.9	0.148	<20	1.44	0.181	0.23	0.4	4.8	0.18	0.03	<5	<0.1	<0.02	4.6	3.61
2315309	Drill Core	1.73	0.094	7.0	22.5	1.33	99.2	0.131	<20	1.66	0.199	0.10	0.3	4.1	0.08	0.04	<5	0.2	<0.02	5.9	3.72

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315280	Drill Core	0.3	0.14	0.04	3.1	3.7	<0.05	2.1	10.47	32.0	0.38	31	0.5	33.7	<10	<2					
2315281	Drill Core	0.3	0.12	0.03	3.5	2.2	<0.05	2.3	8.55	23.4	0.15	63	0.4	16.7	12	<2					
2315282	Drill Core	0.2	0.11	0.03	3.4	2.2	<0.05	2.1	8.13	22.4	0.17	48	0.2	16.3	<10	<2					
2315283	Drill Core	0.2	0.07	0.02	2.6	4.2	<0.05	2.0	10.77	46.0	0.09	31	0.4	20.3	<10	<2					
2315284	Drill Core	0.3	0.11	0.04	2.0	3.9	<0.05	2.8	9.36	31.5	0.47	17	0.5	17.4	<10	<2					
2315285	Drill Core	0.3	0.14	0.05	1.0	3.4	<0.05	3.7	7.39	30.3	0.14	20	0.4	6.8	<10	<2	56.40	15.68	6.75	3.44	8.38
2315286	Drill Core	0.3	0.08	0.06	5.5	2.3	<0.05	2.0	5.83	25.2	0.12	29	0.2	9.3	<10	<2					
2315287	Drill Core	0.2	0.12	0.03	3.3	3.7	<0.05	2.6	7.62	29.5	0.25	40	<0.1	15.1	24	6					
2315288	Drill Core	0.3	0.11	0.04	3.9	2.1	<0.05	1.7	7.25	24.4	0.09	24	0.2	12.1	<10	<2	58.06	16.49	4.86	3.93	6.95
2315289	Drill Core	0.2	0.09	0.03	3.2	2.2	<0.05	2.0	6.71	27.0	0.12	49	0.4	16.0	22	<2					
2315290	Rock Pulp	<0.1	0.18	<0.02	5.9	0.5	<0.05	5.4	8.32	10.8	0.02	<1	0.3	13.3	<10	<2					
2315291	Rock	0.1	0.08	0.34	47.3	0.5	<0.05	1.2	6.17	29.0	<0.02	<1	0.3	34.1	<10	<2					
2315292	Drill Core	<0.1	0.07	<0.02	4.7	2.2	<0.05	1.3	12.61	32.0	0.21	76	0.7	29.4	<10	<2					
2315293	Drill Core	<0.1	0.04	<0.02	8.0	1.4	<0.05	0.8	12.86	32.1	0.17	95	0.7	32.2	26	<2					
2315294	Drill Core	<0.1	<0.02	<0.02	7.2	0.9	<0.05	0.3	13.98	34.9	0.09	11	0.7	24.3	<10	<2					
2315295	Drill Core	<0.1	0.03	<0.02	4.5	1.2	<0.05	0.6	12.22	34.0	0.09	39	0.3	22.8	15	<2					
2315296	Drill Core	<0.1	0.02	<0.02	5.4	1.3	<0.05	0.4	13.90	41.2	0.08	26	0.7	25.4	<10	<2					
2315297	Drill Core	<0.1	0.03	0.03	5.1	1.4	<0.05	0.8	11.70	28.9	0.12	37	0.6	23.9	<10	<2					
2315298	Drill Core	<0.1	<0.02	<0.02	8.2	1.5	<0.05	0.6	18.38	51.8	0.11	19	1.0	24.4	<10	<2					
2315299	Drill Core	<0.1	<0.02	<0.02	10.0	1.7	<0.05	0.6	18.69	58.5	0.13	49	0.5	22.1	12	<2					
2315300	Drill Core	<0.1	<0.02	<0.02	7.8	1.5	<0.05	0.8	16.22	38.1	0.13	21	0.4	35.7	<10	<2					
2315301	Drill Core	<0.1	<0.02	<0.02	5.9	0.9	<0.05	0.2	15.72	24.9	0.08	45	0.9	21.2	<10	<2					
2315302	Drill Core	<0.1	<0.02	<0.02	6.6	0.7	<0.05	0.3	14.75	27.7	0.07	39	0.8	21.4	<10	<2					
2315303	Drill Core	<0.1	<0.02	<0.02	2.3	1.4	<0.05	0.3	10.49	10.9	0.05	22	0.4	22.6	<10	<2					
2315304	Drill Core	<0.1	<0.02	<0.02	5.8	1.0	<0.05	0.4	22.62	44.1	0.11	6	1.3	17.6	<10	<2					
2315305	Drill Core	0.1	0.09	0.05	3.8	1.3	<0.05	2.1	9.73	25.6	0.04	30	0.2	23.2	<10	<2	62.29	16.45	2.29	2.90	7.33
2315306	Drill Core	<0.1	0.10	<0.02	5.2	1.1	<0.05	2.8	9.55	24.2	0.04	19	0.3	25.7	<10	<2					
2315307	Drill Core	0.2	0.16	0.10	3.9	0.8	<0.05	4.6	7.44	18.4	0.04	12	0.3	14.5	<10	<2					
2315308	Drill Core	0.2	0.12	0.13	11.4	0.9	<0.05	4.7	5.14	15.8	<0.02	8	0.2	15.6	<10	<2					
2315309	Drill Core	0.2	0.16	0.08	5.0	1.1	<0.05	4.3	5.72	15.5	<0.02	102	0.1	16.2	<10	<2					

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method	Analyte	Unit	MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B		
					Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
					%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
					0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315280	Drill Core																							
2315281	Drill Core																							
2315282	Drill Core																							
2315283	Drill Core																							
2315284	Drill Core																							
2315285	Drill Core	5.55	0.23	0.89	0.25	0.09	<0.002	<20	22	2.0	99.67	211	<1	9.4	2.3	22.4	4.4	7.2	6.4	10	855.4			
2315286	Drill Core																							
2315287	Drill Core																							
2315288	Drill Core	5.28	0.54	0.95	0.27	0.08	0.005	<20	22	2.2	99.58	346	<1	11.1	13.4	20.1	3.2	6.6	23.2	6	889.9			
2315289	Drill Core																							
2315290	Rock Pulp																							
2315291	Rock																							
2315292	Drill Core																							
2315293	Drill Core																							
2315294	Drill Core																							
2315295	Drill Core																							
2315296	Drill Core																							
2315297	Drill Core																							
2315298	Drill Core																							
2315299	Drill Core																							
2315300	Drill Core																							
2315301	Drill Core																							
2315302	Drill Core																							
2315303	Drill Core																							
2315304	Drill Core																							
2315305	Drill Core	3.97	0.35	0.64	0.21	0.05	0.007	<20	15	3.3	99.79	247	3	5.5	6.6	18.7	3.8	8.4	16.3	4	638.4			
2315306	Drill Core																							
2315307	Drill Core																							
2315308	Drill Core																							
2315309	Drill Core																							

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315280	Drill Core																			
2315281	Drill Core																			
2315282	Drill Core																			
2315283	Drill Core																			
2315284	Drill Core																			
2315285	Drill Core	0.6	6.2	3.9	245	1.1	117.1	20.9	30.2	67.4	8.17	32.4	6.23	2.22	5.31	0.75	4.20	0.73	2.22	0.32
2315286	Drill Core																			
2315287	Drill Core																			
2315288	Drill Core	0.3	5.4	3.2	248	1.8	110.2	24.4	21.1	47.7	6.38	25.7	5.85	1.88	5.73	0.83	4.48	0.89	2.62	0.37
2315289	Drill Core																			
2315290	Rock Pulp																			
2315291	Rock																			
2315292	Drill Core																			
2315293	Drill Core																			
2315294	Drill Core																			
2315295	Drill Core																			
2315296	Drill Core																			
2315297	Drill Core																			
2315298	Drill Core																			
2315299	Drill Core																			
2315300	Drill Core																			
2315301	Drill Core																			
2315302	Drill Core																			
2315303	Drill Core																			
2315304	Drill Core																			
2315305	Drill Core	0.6	8.6	3.2	139	1.6	137.6	19.4	21.5	49.3	6.40	27.6	5.80	1.00	4.95	0.72	3.77	0.76	2.02	0.26
2315306	Drill Core																			
2315307	Drill Core																			
2315308	Drill Core																			
2315309	Drill Core																			

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Project: 210800

Report Date: November 01, 2013

Page: 2 of 4

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method Analyte Unit MDL	4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
2315280	Drill Core																	
2315281	Drill Core																	
2315282	Drill Core																	
2315283	Drill Core																	
2315284	Drill Core																	
2315285	Drill Core	0.32	0.29	0.10	27.7	653.2	33.7	86	1.5	30.1	0.9	1.0	0.3	0.3	567.6	<0.01	<0.1	0.9
2315286	Drill Core																	
2315287	Drill Core																	
2315288	Drill Core	0.38	0.28	0.19	55.8	1154.5	33.3	148	8.3	17.1	1.7	1.1	0.5	2.4	1923.3	<0.01	<0.1	1.2
2315289	Drill Core																	
2315290	Rock Pulp																	
2315291	Rock																	
2315292	Drill Core																	
2315293	Drill Core																	
2315294	Drill Core																	
2315295	Drill Core																	
2315296	Drill Core																	
2315297	Drill Core																	
2315298	Drill Core																	
2315299	Drill Core																	
2315300	Drill Core																	
2315301	Drill Core																	
2315302	Drill Core																	
2315303	Drill Core																	
2315304	Drill Core																	
2315305	Drill Core	0.28	0.50	0.03	13.2	27.1	8.4	50	5.9	4.4	0.3	0.6	0.1	0.1	28.0	<0.01	<0.1	<0.5
2315306	Drill Core																	
2315307	Drill Core																	
2315308	Drill Core																	
2315309	Drill Core																	

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315310	Rock Pulp	0.06	0.218	164.20	1903.22	25.06	65.0	2249	18.8	18.0	405	4.19	27.4	4.7	230.4	10.0	68.9	0.90	3.14	2.36
2315311	Rock	2.46	<0.005	<0.01	2.34	3.44	46.6	52	3.1	3.9	546	1.94	0.4	1.7	<0.2	5.6	50.8	0.02	0.03	0.09
2315312	Drill Core	6.44	0.185	17.17	45.75	10.41	50.9	140	5.6	3.3	176	0.80	5.3	1.4	117.6	6.4	69.7	0.43	0.94	0.42
2315313	Drill Core	6.99	0.206	22.48	30.27	9.11	80.5	182	6.6	2.9	221	0.93	8.1	1.3	216.5	8.4	54.7	0.81	1.90	0.63
2315314	Drill Core	5.96	0.326	15.93	161.68	11.28	95.9	831	7.3	4.6	303	1.18	5.9	1.1	1839.0	5.9	120.7	0.91	0.89	1.41
2315315	Drill Core	5.23	0.295	18.31	187.09	5.74	125.1	527	6.4	6.6	309	1.72	11.3	1.3	230.3	3.4	81.7	1.39	0.55	1.08
2315316	Drill Core	6.24	0.337	25.05	330.84	7.22	192.9	876	7.1	5.7	305	1.52	8.6	1.1	280.2	5.3	82.6	1.89	0.59	0.81
2315317	Drill Core	5.91	0.116	21.55	168.10	8.35	60.0	408	7.6	6.8	286	1.43	10.2	1.4	65.3	6.6	140.0	0.52	0.60	0.86
2315318	Drill Core	6.32	0.266	36.66	112.39	7.39	83.1	284	8.9	5.7	281	1.34	16.6	1.3	168.6	6.1	108.2	0.82	0.65	0.86
2315319	Drill Core	5.68	0.606	4.52	130.83	7.94	155.1	511	7.0	3.8	304	1.18	9.2	1.1	972.9	7.0	110.6	1.14	0.52	1.19
2315320	Drill Core	6.38	0.469	26.51	159.40	9.77	232.4	531	10.4	5.0	341	1.49	22.0	1.4	231.8	6.5	120.8	2.67	1.22	1.54
2315321	Drill Core	2.76	0.180	24.67	88.47	9.69	238.4	407	7.3	3.9	308	1.32	11.3	1.7	224.6	9.1	113.8	2.32	0.57	1.17
2315322	Drill Core	3.19	0.215	26.76	97.55	10.87	182.4	381	6.5	3.7	282	1.21	11.4	1.9	73.6	9.5	131.1	2.02	0.61	1.22
2315323	Drill Core	6.16	0.181	11.65	82.14	9.30	82.0	257	4.6	3.7	227	1.21	15.0	2.0	274.0	10.1	147.8	0.92	0.60	0.82
2315324	Drill Core	6.50	0.260	18.25	100.77	8.42	48.4	274	4.8	4.3	202	1.25	12.3	2.1	273.6	10.6	104.0	0.39	0.40	0.59
2315325	Drill Core	6.40	0.277	16.77	99.30	9.29	47.8	280	4.7	3.9	182	1.17	9.0	2.2	127.5	9.7	123.7	0.55	0.53	0.34
2315326	Drill Core	6.12	0.159	32.24	227.67	197.27	299.2	1732	5.7	4.8	329	1.75	46.6	2.2	142.3	10.3	127.5	3.29	0.68	1.45
2315327	Drill Core	6.13	0.250	23.81	16.45	10.37	84.1	193	4.4	2.8	238	1.09	4.2	2.3	418.2	10.8	121.4	0.78	0.47	0.17
2315328	Drill Core	6.38	0.131	18.07	36.32	20.16	116.5	259	3.8	2.7	252	1.00	3.9	1.9	275.0	10.5	86.2	1.32	0.37	0.35
2315329	Drill Core	6.43	0.255	11.82	98.30	11.22	35.6	375	3.9	3.9	224	1.21	6.9	2.9	365.5	11.1	135.5	0.49	0.56	0.29
2315330	Rock Pulp	0.06	1.964	3.61	36.46	5.98	53.6	632	29.4	12.7	473	2.96	8.0	0.3	1732.9	1.1	45.6	0.28	0.80	0.15
2315331	Rock	2.10	<0.005	0.16	2.89	3.62	43.6	8	3.7	4.4	590	2.14	<0.1	1.9	3.4	6.2	69.8	<0.01	<0.02	0.04
2315332	Drill Core	6.41	1.354	22.12	73.66	12.72	54.1	651	4.5	4.0	290	1.27	9.4	2.5	2842.6	9.2	154.4	0.74	0.58	0.92
2315333	Drill Core	5.99	0.114	8.51	88.91	10.80	84.4	226	4.3	3.4	287	1.11	4.9	2.1	100.3	10.4	211.5	0.71	0.68	0.55
2315334	Drill Core	6.38	0.157	13.69	77.29	40.08	144.4	511	3.5	4.0	352	1.13	5.1	2.3	244.7	9.2	180.3	1.47	1.49	0.50
2315335	Drill Core	6.70	0.396	47.70	194.13	88.86	386.6	4489	4.0	5.2	529	1.62	36.6	2.6	1212.5	9.3	126.9	4.19	4.45	3.38
2315336	Drill Core	6.39	0.166	21.10	187.03	36.85	180.7	741	4.7	4.5	385	1.37	20.6	3.6	130.8	10.6	104.9	2.93	2.60	0.71
2315337	Drill Core	6.48	0.048	18.93	22.60	27.45	224.2	209	5.0	3.6	269	1.21	2.1	2.2	58.3	8.0	88.6	3.07	0.66	0.23
2315338	Drill Core	6.44	0.096	31.26	31.71	36.43	250.8	325	4.9	3.6	364	1.23	4.1	2.2	91.5	8.8	99.1	2.93	0.52	0.37
2315339	Drill Core	5.15	0.076	17.54	68.10	28.74	209.8	940	3.9	4.9	342	1.65	133.8	1.8	86.9	8.8	53.4	2.90	1.60	1.09

CERTIFICATE OF ANALYSIS

WHI13000235.2

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315310	Rock Pulp		1.94	0.070	18.8	60.4	0.88	58.6	0.034	22	1.42	0.055	0.52	1.8	6.3	0.30	1.86	82	2.7	0.28	4.3	1.75
2315311	Rock		0.49	0.078	11.3	7.7	0.55	184.4	0.119	<20	0.90	0.070	0.48	<0.1	2.2	0.31	<0.02	<5	<0.1	<0.02	4.3	3.64
2315312	Drill Core		1.55	0.095	6.2	25.8	1.05	73.0	0.080	<20	1.41	0.149	0.10	0.2	4.0	0.10	0.03	<5	<0.1	<0.02	5.1	4.74
2315313	Drill Core		1.59	0.102	9.3	26.0	1.14	51.1	0.009	<20	1.39	0.092	0.15	<0.1	2.5	0.16	0.04	12	<0.1	0.04	4.6	4.12
2315314	Drill Core		1.96	0.097	11.8	30.6	1.55	91.6	0.061	<20	1.90	0.170	0.07	0.2	7.2	0.09	0.04	7	<0.1	0.28	6.0	4.99
2315315	Drill Core		2.33	0.079	13.9	19.6	1.61	30.6	0.088	<20	1.86	0.172	0.03	0.2	11.0	0.02	0.18	19	0.4	0.30	6.7	3.46
2315316	Drill Core		2.44	0.085	10.9	22.5	1.50	46.9	0.071	<20	1.79	0.170	0.06	0.1	9.7	0.05	0.10	15	0.4	0.17	6.2	4.14
2315317	Drill Core		2.79	0.113	8.2	30.8	1.64	60.1	0.065	<20	2.41	0.240	0.06	0.1	8.4	0.05	0.09	6	0.4	0.11	7.3	4.05
2315318	Drill Core		1.73	0.110	8.2	46.7	1.70	58.9	0.093	<20	1.91	0.146	0.06	0.2	5.9	0.05	0.12	13	0.3	0.14	6.4	3.47
2315319	Drill Core		2.44	0.097	9.3	26.7	1.39	69.9	0.057	<20	1.90	0.162	0.06	0.2	5.9	0.05	0.05	12	<0.1	0.16	6.8	4.92
2315320	Drill Core		2.08	0.126	8.2	35.2	1.66	77.9	0.105	<20	2.13	0.188	0.09	0.2	7.1	0.07	0.13	20	0.7	0.23	8.0	4.45
2315321	Drill Core		1.84	0.108	7.4	23.6	1.39	48.8	0.102	<20	2.12	0.219	0.12	0.3	5.3	0.09	0.08	12	0.3	0.17	6.6	3.46
2315322	Drill Core		1.90	0.110	8.1	22.4	1.31	52.9	0.107	<20	2.13	0.261	0.12	0.2	5.2	0.10	0.08	8	0.3	0.12	6.6	3.59
2315323	Drill Core		1.49	0.098	6.9	23.9	1.16	60.5	0.123	72	2.14	0.285	0.14	0.2	4.2	0.12	0.06	<5	0.3	0.06	6.8	3.04
2315324	Drill Core		1.26	0.094	5.7	24.6	1.19	98.4	0.135	74	1.93	0.259	0.18	0.2	3.1	0.17	0.05	<5	0.1	0.07	6.6	2.48
2315325	Drill Core		1.41	0.096	6.5	26.6	1.31	83.3	0.161	<20	2.02	0.252	0.37	0.2	4.9	0.25	0.04	<5	0.3	0.06	6.1	3.18
2315326	Drill Core		1.82	0.090	5.9	26.8	1.49	442.1	0.135	<20	2.61	0.290	0.32	0.3	4.7	0.25	0.43	26	0.8	0.13	7.1	3.37
2315327	Drill Core		1.69	0.093	5.2	19.9	1.12	57.3	0.121	<20	1.99	0.231	0.15	0.3	3.2	0.15	<0.02	<5	0.1	0.04	5.4	3.28
2315328	Drill Core		1.90	0.101	6.0	16.8	1.01	79.0	0.107	<20	1.84	0.162	0.26	0.3	2.6	0.24	<0.02	16	<0.1	0.05	4.7	4.27
2315329	Drill Core		1.77	0.100	8.5	30.5	1.45	86.8	0.177	<20	2.32	0.296	0.30	0.3	5.4	0.24	0.04	<5	0.2	0.07	7.1	3.55
2315330	Rock Pulp		0.95	0.061	5.1	34.5	0.90	109.2	0.144	<20	1.85	0.104	0.17	11.9	5.4	0.05	0.04	99	0.1	0.08	5.7	0.45
2315331	Rock		0.58	0.077	15.2	6.9	0.54	167.7	0.138	<20	1.06	0.106	0.53	<0.1	2.4	0.29	<0.02	<5	<0.1	<0.02	4.8	3.78
2315332	Drill Core		2.05	0.100	10.2	24.4	1.41	57.2	0.164	<20	2.42	0.327	0.17	0.3	5.9	0.17	0.06	8	0.2	0.28	7.2	2.95
2315333	Drill Core		2.56	0.096	10.6	27.9	1.26	47.5	0.133	<20	2.54	0.343	0.16	0.2	6.1	0.17	0.02	<5	<0.1	0.21	7.3	4.74
2315334	Drill Core		2.13	0.100	12.6	32.8	1.33	86.4	0.124	<20	2.57	0.352	0.25	0.3	6.3	0.30	0.04	14	0.1	0.18	7.4	6.10
2315335	Drill Core		2.51	0.096	13.9	20.1	1.06	63.3	0.029	<20	2.28	0.242	0.26	0.1	5.5	0.37	0.46	53	0.9	0.12	6.0	7.21
2315336	Drill Core		1.86	0.098	16.7	21.9	1.24	89.5	0.095	<20	1.99	0.222	0.39	0.2	5.7	0.43	0.29	23	0.1	0.06	5.6	5.85
2315337	Drill Core		1.39	0.095	9.9	23.1	1.61	73.1	0.180	<20	1.90	0.176	0.21	0.3	5.4	0.19	<0.02	13	<0.1	0.04	6.1	3.55
2315338	Drill Core		2.09	0.095	7.7	20.6	1.29	94.4	0.049	<20	2.03	0.195	0.40	<0.1	4.8	0.42	0.04	19	0.1	0.07	5.3	6.28
2315339	Drill Core		1.34	0.089	14.9	16.1	0.94	87.1	0.006	<20	1.69	0.085	0.32	<0.1	3.1	0.30	0.19	15	1.0	0.10	4.6	4.74

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315310	Rock Pulp	<0.1	0.10	0.03	29.1	1.7	<0.05	3.5	10.44	34.5	0.05	39	0.3	7.5	23	<2					
2315311	Rock	0.1	0.07	0.30	43.2	0.4	<0.05	0.9	4.42	20.6	<0.02	<1	0.2	30.9	<10	<2					
2315312	Drill Core	0.1	0.18	0.09	5.7	0.8	<0.05	4.2	5.82	12.7	0.03	9	0.3	16.7	<10	<2					
2315313	Drill Core	<0.1	0.11	0.02	9.0	0.8	<0.05	4.2	8.83	19.8	<0.02	28	0.4	21.0	<10	<2					
2315314	Drill Core	0.1	0.11	0.03	4.5	1.7	<0.05	3.5	10.01	27.3	0.07	7	0.7	25.7	<10	3					
2315315	Drill Core	0.2	0.14	0.03	1.8	2.3	<0.05	3.9	11.93	34.2	0.11	20	0.5	28.2	<10	<2					
2315316	Drill Core	0.1	0.15	0.02	3.8	2.2	<0.05	4.0	10.73	26.3	0.10	14	0.3	25.7	<10	<2					
2315317	Drill Core	0.1	0.13	0.03	4.2	1.5	<0.05	3.6	9.21	18.4	0.06	15	0.7	29.7	<10	<2					
2315318	Drill Core	0.2	0.17	0.05	4.1	1.2	<0.05	4.6	7.60	18.7	0.05	38	0.5	32.7	13	2					
2315319	Drill Core	0.1	0.12	0.03	3.6	1.3	<0.05	3.1	8.28	20.3	0.05	10	0.5	22.4	<10	<2					
2315320	Drill Core	0.2	0.11	0.08	5.7	1.1	<0.05	3.4	8.47	19.1	0.04	29	0.3	28.6	<10	<2					
2315321	Drill Core	0.2	0.14	0.07	6.5	1.2	<0.05	3.8	7.74	17.9	0.06	32	0.4	21.7	<10	<2					
2315322	Drill Core	0.1	0.14	0.06	6.6	1.6	<0.05	3.7	8.37	18.9	0.04	30	0.4	21.8	<10	<2					
2315323	Drill Core	0.2	0.10	0.08	7.6	1.3	<0.05	2.6	6.69	16.6	<0.02	10	0.3	17.9	<10	<2					
2315324	Drill Core	0.2	0.11	0.08	8.7	1.1	<0.05	2.8	5.24	13.4	<0.02	31	0.2	18.3	<10	<2					
2315325	Drill Core	0.2	0.12	0.10	17.8	1.0	<0.05	3.5	7.23	14.5	<0.02	23	0.2	18.4	<10	<2					
2315326	Drill Core	0.1	0.13	0.08	16.6	0.8	<0.05	3.5	6.82	13.5	0.04	46	0.4	21.9	<10	2					
2315327	Drill Core	<0.1	0.12	0.09	8.7	0.6	<0.05	3.5	6.25	11.8	<0.02	34	0.3	19.7	<10	<2					
2315328	Drill Core	<0.1	0.17	0.08	15.0	0.6	<0.05	4.6	7.31	13.9	<0.02	22	0.1	16.1	<10	<2					
2315329	Drill Core	0.2	0.15	0.11	16.6	1.1	<0.05	4.3	11.60	21.6	<0.02	13	0.4	22.8	<10	<2					
2315330	Rock Pulp	<0.1	0.15	0.03	5.5	0.5	<0.05	4.9	7.26	10.4	0.03	1	0.2	13.7	<10	<2					
2315331	Rock	0.1	0.09	0.26	45.2	0.6	<0.05	1.3	5.87	28.5	<0.02	<1	0.4	32.3	<10	<2					
2315332	Drill Core	0.2	0.16	0.09	10.0	1.9	<0.05	3.4	12.77	27.6	0.02	31	0.6	21.8	<10	<2					
2315333	Drill Core	<0.1	0.16	0.08	10.6	1.6	<0.05	3.3	14.04	29.0	0.02	7	0.3	20.9	<10	<2					
2315334	Drill Core	<0.1	0.19	0.07	16.3	1.5	<0.05	4.6	12.19	31.8	0.02	24	0.3	19.6	12	<2					
2315335	Drill Core	<0.1	0.10	0.03	16.1	2.0	<0.05	4.2	12.61	34.5	0.24	51	0.6	21.6	<10	<2					
2315336	Drill Core	<0.1	0.22	0.06	22.3	1.8	<0.05	5.3	13.36	37.8	0.04	19	0.6	20.4	<10	<2					
2315337	Drill Core	<0.1	0.15	0.11	12.6	0.9	<0.05	4.2	9.19	22.7	<0.02	13	0.4	27.9	<10	<2					
2315338	Drill Core	<0.1	0.11	0.03	23.5	0.8	<0.05	3.1	11.04	20.5	0.05	50	0.6	20.0	<10	2					
2315339	Drill Core	<0.1	0.06	<0.02	17.5	1.0	<0.05	2.8	11.49	37.1	0.03	10	0.5	16.0	<10	<2					

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Project: 210800

Report Date: November 01, 2013

Page: 3 of 4

Part: 4 of 6

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method	Analyte	Unit	MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B			
					Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
					%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
					0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315310	Rock Pulp																							
2315311	Rock																							
2315312	Drill Core																							
2315313	Drill Core																							
2315314	Drill Core																							
2315315	Drill Core																							
2315316	Drill Core																							
2315317	Drill Core																							
2315318	Drill Core																							
2315319	Drill Core																							
2315320	Drill Core																							
2315321	Drill Core																							
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2315323	Drill Core																							
2315324	Drill Core																							
2315325	Drill Core																							
2315326	Drill Core																							
2315327	Drill Core																							
2315328	Drill Core																							
2315329	Drill Core																							
2315330	Rock Pulp																							
2315331	Rock																							
2315332	Drill Core																							
2315333	Drill Core																							
2315334	Drill Core																							
2315335	Drill Core																							
2315336	Drill Core																							
2315337	Drill Core																							
2315338	Drill Core																							
2315339	Drill Core																							

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315310	Rock Pulp																			
2315311	Rock																			
2315312	Drill Core																			
2315313	Drill Core																			
2315314	Drill Core																			
2315315	Drill Core																			
2315316	Drill Core																			
2315317	Drill Core																			
2315318	Drill Core																			
2315319	Drill Core																			
2315320	Drill Core																			
2315321	Drill Core																			
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2315324	Drill Core																			
2315325	Drill Core																			
2315326	Drill Core																			
2315327	Drill Core																			
2315328	Drill Core																			
2315329	Drill Core																			
2315330	Rock Pulp																			
2315331	Rock																			
2315332	Drill Core																			
2315333	Drill Core																			
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2315335	Drill Core																			
2315336	Drill Core																			
2315337	Drill Core																			
2315338	Drill Core																			
2315339	Drill Core																			

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Page: 3 of 4

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method	Analyte	Unit	MDL	4A-4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
					Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
					ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
					0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
2315310	Rock Pulp																				
2315311	Rock																				
2315312	Drill Core																				
2315313	Drill Core																				
2315314	Drill Core																				
2315315	Drill Core																				
2315316	Drill Core																				
2315317	Drill Core																				
2315318	Drill Core																				
2315319	Drill Core																				
2315320	Drill Core																				
2315321	Drill Core																				
2315322	Drill Core																				
2315323	Drill Core																				
2315324	Drill Core																				
2315325	Drill Core																				
2315326	Drill Core																				
2315327	Drill Core																				
2315328	Drill Core																				
2315329	Drill Core																				
2315330	Rock Pulp																				
2315331	Rock																				
2315332	Drill Core																				
2315333	Drill Core																				
2315334	Drill Core																				
2315335	Drill Core																				
2315336	Drill Core																				
2315337	Drill Core																				
2315338	Drill Core																				
2315339	Drill Core																				

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Report Date: November 01, 2013

Page: 4 of 4

Part: 1 of 6

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315340	Drill Core	4.03	0.123	19.33	43.75	16.43	64.4	214	5.3	3.4	259	1.14	5.7	2.2	95.1	8.7	107.2	1.33	0.66	0.20
2315341	Drill Core	3.55	0.091	18.10	24.03	13.16	43.7	97	4.7	3.4	175	1.19	4.4	2.0	70.8	10.0	146.5	0.48	0.22	0.15
2315342	Drill Core	3.82	0.089	21.31	37.30	12.59	36.2	168	5.1	3.9	172	1.11	5.0	2.2	96.3	9.8	146.0	0.54	0.24	0.14
2315343	Drill Core	5.01	0.159	45.17	16.10	12.46	44.3	59	5.8	3.8	164	1.20	4.3	2.2	63.9	9.5	139.7	0.53	0.17	0.15

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Page: 4 of 4

Part: 2 of 6

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315340	Drill Core	1.68	0.095	8.4	23.3	1.47	113.9	0.108	<20	1.94	0.201	0.35	0.2	4.9	0.28	0.02	<5	0.1	0.02	5.7	4.98
2315341	Drill Core	1.40	0.099	5.7	30.9	1.42	122.4	0.182	<20	2.24	0.303	0.43	0.2	5.6	0.30	<0.02	<5	<0.1	<0.02	6.5	2.60
2315342	Drill Core	1.42	0.094	5.7	36.6	1.59	113.2	0.194	25	2.25	0.294	0.46	0.3	5.6	0.29	<0.02	<5	<0.1	0.02	6.6	2.52
2315343	Drill Core	1.54	0.099	5.1	48.6	1.52	103.5	0.182	<20	2.43	0.317	0.41	0.3	5.3	0.30	<0.02	<5	<0.1	0.04	7.0	2.51

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Report Date: November 01, 2013

Page: 4 of 4

Part: 3 of 6

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315340	Drill Core	0.1	0.09	0.05	19.4	1.0	<0.05	3.0	8.41	22.7	<0.02	21	0.4	20.7	<10	<2					
2315341	Drill Core	0.2	0.14	0.07	21.1	0.9	<0.05	3.3	6.88	13.6	<0.02	11	0.5	17.1	<10	<2					
2315342	Drill Core	0.1	0.12	0.07	22.3	0.8	<0.05	3.3	6.96	13.5	<0.02	18	0.4	17.7	<10	<2					
2315343	Drill Core	0.4	0.10	0.06	19.8	0.7	<0.05	2.8	7.17	11.4	<0.02	86	0.3	17.4	<10	<2					

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
	Unit	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315340	Drill Core																				
2315341	Drill Core																				
2315342	Drill Core																				
2315343	Drill Core																				

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Report Date: November 01, 2013

Page: 4 of 4

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01	0.05
2315340	Drill Core																				
2315341	Drill Core																				
2315342	Drill Core																				
2315343	Drill Core																				

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Report Date: November 01, 2013

Page: 4 of 4

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000235.2

	Method Analyte Unit MDL	4A-4B 2A Leco 2A Leco			1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1
2315340	Drill Core																
2315341	Drill Core																
2315342	Drill Core																
2315343	Drill Core																

QUALITY CONTROL REPORT

WHI13000235.2

	Method Analyte Unit MDL	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
Pulp Duplicates																					
REP G1-WHI	QC			0.13	5.25	4.70	48.4	95	4.6	4.3	583	2.29	0.3	1.9	<0.2	5.4	65.6	<0.01	0.07	0.06	38
2315314	Drill Core	5.96	0.326	15.93	161.68	11.28	95.9	831	7.3	4.6	303	1.18	5.9	1.1	1839.0	5.9	120.7	0.91	0.89	1.41	67
REP 2315314	QC			15.19	160.82	11.59	93.2	586	6.5	4.3	312	1.22	6.5	1.1	362.6	6.1	130.8	0.78	0.84	1.47	69
Core Reject Duplicates																					
2315301	Drill Core	2.79	0.197	42.25	123.34	14.80	175.2	415	4.6	4.8	367	1.03	15.8	2.5	149.6	8.5	132.6	1.55	0.19	0.40	28
DUP 2315301	QC		0.207	39.11	106.75	14.16	144.9	420	3.0	4.5	372	0.91	14.1	2.4	262.7	8.5	131.1	1.46	0.17	0.41	25
2315335	Drill Core	6.70	0.396	47.70	194.13	88.86	386.6	4489	4.0	5.2	529	1.62	36.6	2.6	1212.5	9.3	126.9	4.19	4.45	3.38	55
DUP 2315335	QC		0.335	46.48	193.48	90.71	368.8	4119	3.7	5.3	521	1.62	36.7	2.5	252.4	9.9	131.0	4.21	4.61	3.38	55
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard			13.23	115.59	130.60	317.2	1755	43.1	7.4	618	2.53	28.0	2.9	107.6	6.5	71.2	2.40	4.14	6.08	41
STD DS9	Standard			13.57	121.01	133.56	331.2	1835	47.1	8.4	623	2.53	25.3	3.0	105.8	6.8	73.9	2.50	4.41	6.75	43
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard			1.35	750.35	16.18	28.7	233	341.3	51.8	383	25.16	8.3	2.0	54.0	11.3	3.7	0.02	0.12	0.22	325
STD OREAS45EA	Standard			1.44	747.80	15.34	28.0	270	429.4	58.6	403	24.85	8.1	1.8	63.4	11.0	4.1	0.04	0.12	0.25	357
STD OREAS45EA	Standard																				
STD OXC109	Standard		0.194																		
STD OXC109	Standard		0.197																		
STD OXC109	Standard		0.190																		
STD OXC109	Standard		0.208																		
STD OXI96	Standard		1.820																		
STD OXI96	Standard		1.815																		
STD OXL93	Standard		5.863																		
STD OXL93	Standard		5.618																		
STD OXL93	Standard		5.849																		
STD OXL93	Standard		5.841																		
STD SG56	Standard		1.058																		

QUALITY CONTROL REPORT

WHI13000235.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																					
REP G1-WHI	QC	0.55	0.081	13.3	4.9	0.57	298.1	0.131	<20	1.07	0.098	0.54	<0.1	2.7	0.33	<0.02	<5	<0.1	<0.02	5.2	3.53
2315314	Drill Core	1.96	0.097	11.8	30.6	1.55	91.6	0.061	<20	1.90	0.170	0.07	0.2	7.2	0.09	0.04	7	<0.1	0.28	6.0	4.99
REP 2315314	QC	2.02	0.096	11.8	30.9	1.59	91.5	0.059	<20	1.99	0.177	0.08	0.2	7.2	0.07	0.04	10	0.3	0.16	6.1	4.84
Core Reject Duplicates																					
2315301	Drill Core	4.26	0.089	9.7	10.2	0.89	35.9	<0.001	<20	1.97	0.022	0.10	<0.1	4.8	0.19	0.12	<5	0.4	0.03	4.8	8.17
DUP 2315301	QC	4.24	0.089	10.4	11.3	0.81	28.6	<0.001	<20	1.67	0.015	0.08	<0.1	4.7	0.17	0.11	13	0.4	0.11	4.0	8.02
2315335	Drill Core	2.51	0.096	13.9	20.1	1.06	63.3	0.029	<20	2.28	0.242	0.26	0.1	5.5	0.37	0.46	53	0.9	0.12	6.0	7.21
DUP 2315335	QC	2.51	0.099	14.3	21.0	1.07	63.6	0.028	<20	2.21	0.234	0.24	0.1	5.6	0.36	0.45	64	0.8	0.10	6.1	7.28
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard	0.76	0.084	13.8	124.8	0.67	357.2	0.118	<20	1.02	0.090	0.43	2.7	2.4	5.78	0.17	208	5.0	5.05	4.8	2.45
STD DS9	Standard	0.76	0.087	14.4	125.7	0.67	354.4	0.119	<20	1.02	0.087	0.43	2.6	2.6	5.42	0.18	198	5.7	5.48	4.8	2.57
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	0.03	0.032	6.9	797.6	0.10	153.4	0.087	<20	3.39	0.020	0.06	<0.1	77.1	<0.02	0.03	6	0.1	<0.02	12.6	0.62
STD OREAS45EA	Standard	0.04	0.029	7.4	865.0	0.11	158.8	0.097	<20	3.49	0.017	0.06	<0.1	75.8	<0.02	0.04	6	0.7	0.05	11.9	0.66
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SG56	Standard																				

QUALITY CONTROL REPORT

WHI13000235.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	0.1	10	2	0.01	0.01	0.04	0.01
Pulp Duplicates																					
REP G1-WHI	QC	0.1	0.06	0.33	45.0	0.6	<0.05	1.2	5.93	24.6	<0.02	<1	0.3	28.1	<10	<2					
2315314	Drill Core	0.1	0.11	0.03	4.5	1.7	<0.05	3.5	10.01	27.3	0.07	7	0.7	25.7	<10	3					
REP 2315314	QC	0.1	0.10	0.03	4.3	1.6	<0.05	3.6	10.22	26.7	0.07	7	0.6	28.6	<10	<2					
Core Reject Duplicates																					
2315301	Drill Core	<0.1	<0.02	<0.02	5.9	0.9	<0.05	0.2	15.72	24.9	0.08	45	0.9	21.2	<10	<2					
DUP 2315301	QC	<0.1	<0.02	<0.02	4.9	0.8	<0.05	0.3	15.37	25.9	0.06	31	0.9	16.8	<10	<2					
2315335	Drill Core	<0.1	0.10	0.03	16.1	2.0	<0.05	4.2	12.61	34.5	0.24	51	0.6	21.6	<10	<2					
DUP 2315335	QC	<0.1	0.13	0.03	15.1	2.0	<0.05	4.2	12.60	34.9	0.25	46	0.5	20.4	<10	<2					
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard	<0.1	0.06	0.84	35.3	6.5	<0.05	1.7	5.71	25.2	2.33	56	6.1	26.8	120	386					
STD DS9	Standard	0.1	0.08	0.90	34.3	7.0	<0.05	1.8	5.75	28.1	2.39	59	5.6	27.2	136	359					
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	0.3	0.59	0.06	8.2	0.8	<0.05	21.0	5.62	18.1	0.09	<1	0.5	2.2	68	101					
STD OREAS45EA	Standard	0.2	0.68	0.07	7.6	0.9	<0.05	21.6	5.37	19.1	0.09	<1	0.7	2.5	71	107					
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SG56	Standard																				

QUALITY CONTROL REPORT

WHI13000235.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
Pulp Duplicates																					
REP G1-WHI	QC																				
2315314	Drill Core																				
REP 2315314	QC																				
Core Reject Duplicates																					
2315301	Drill Core																				
DUP 2315301	QC																				
2315335	Drill Core																				
DUP 2315335	QC																				
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SG56	Standard																				

QUALITY CONTROL REPORT

WHI13000235.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01	0.05
Pulp Duplicates																					
REP G1-WHI	QC																				
2315314	Drill Core																				
REP 2315314	QC																				
Core Reject Duplicates																					
2315301	Drill Core																				
DUP 2315301	QC																				
2315335	Drill Core																				
DUP 2315335	QC																				
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SG56	Standard																				

QUALITY CONTROL REPORT

WHI13000235.2

Method Analyte Unit MDL		4A-4B 2A Leco 2A Leco		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
Pulp Duplicates																		
REP G1-WHI	QC																	
2315314	Drill Core																	
REP 2315314	QC																	
Core Reject Duplicates																		
2315301	Drill Core																	
DUP 2315301	QC																	
2315335	Drill Core																	
DUP 2315335	QC																	
Reference Materials																		
STD DS10	Standard				13.6	140.5	161.5	364	78.9	45.2	2.4	6.5	11.0	2.3	337.4	0.29	5.1	2.7
STD DS9	Standard																	
STD DS9	Standard																	
STD GS311-1	Standard		0.99	2.28														
STD GS910-4	Standard		2.63	8.42														
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard				1.3	676.1	13.5	28	380.9	8.7	<0.1	0.2	0.2	0.2	42.3	<0.01	<0.1	0.6
STD OXC109	Standard																	
STD OXC109	Standard																	
STD OXC109	Standard																	
STD OXC109	Standard																	
STD OXI96	Standard																	
STD OXI96	Standard																	
STD OXL93	Standard																	
STD OXL93	Standard																	
STD OXL93	Standard																	
STD OXL93	Standard																	
STD SG56	Standard																	

QUALITY CONTROL REPORT

WHI13000235.2

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
STD SG56	Standard	0.993																		
STD SO-18	Standard																			
STD SO-18	Standard																			
STD SG56 Expected		1.027																		
STD OXC109 Expected		0.201																		
STD OXI96 Expected		1.802																		
STD OXL93 Expected		5.841																		
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32
STD DS10 Expected																				40
STD OREAS45EA Expected				1.39	709	14.3	28.9	260	381	52	400	23.51	9.1	1.73	53	10.7	3.5	0.02	0.2	0.26
STD GS311-1 Expected																				303
STD GS910-4 Expected																				
STD SO-18 Expected																				
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			0.02	0.02	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank			0.01	<0.01	<0.01	<0.1	7	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1-WHI	Prep Blank	<0.005	0.17	17.51	7.60	46.7	378	12.0	4.6	606	2.24	1.4	1.9	0.3	5.9	65.6	0.03	0.34	0.09	38
G1-WHI	Prep Blank	<0.005																		

QUALITY CONTROL REPORT

WHI13000235.2

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
STD SG56	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SG56 Expected																					
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS9 Expected		0.7201	0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37
STD DS10 Expected																					
STD OREAS45EA Expected		0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053		78	0.072	0.036	10	0.63	0.07	11.7	0.63
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	0.8	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank	0.57	0.081	14.0	5.8	0.56	278.6	0.127	31	1.06	0.103	0.52	<0.1	2.5	0.33	<0.02	<5	0.2	<0.02	5.6	3.55
G1-WHI	Prep Blank																				

QUALITY CONTROL REPORT

WHI13000235.2

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01
STD SG56	Standard																				
STD SO-18	Standard																57.83	14.12	7.70	3.37	6.35
STD SO-18	Standard																58.31	14.02	7.55	3.35	6.30
STD SG56 Expected																					
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS9 Expected		0.1	0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350					
STD DS10 Expected																					
STD OREAS45EA Expected		0.26	0.57	0.06	7.04	0.83		20	5.09	17.7	0.08		0.41	2.37	66	108					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected																	58.47	14.23	7.67	3.35	6.42
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	2	<0.1	<0.1	<10	<2					
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																<0.01	<0.01	<0.04	<0.01	<0.01
Prep Wash																					
G1-WHI	Prep Blank	0.1	0.13	0.31	45.7	0.6	<0.05	1.3	5.76	26.4	<0.02	<1	0.2	32.3	<10	<2					
G1-WHI	Prep Blank																				



www.acmelab.com

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800
Report Date: November 01, 2013

Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Page: 2 of 3

Part: 4 of 6

QUALITY CONTROL REPORT

WHI13000235.2

[illegible]

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 3

Part: 5 of 6

QUALITY CONTROL REPORT

WHI13000235.2

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QUALITY CONTROL REPORT

WHI13000235.2

		4A-4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.01	0.1
STD SG56	Standard																	
STD SO-18	Standard	0.25																
STD SO-18	Standard	0.27																
STD SG56 Expected																		
STD OXC109 Expected																		
STD OXI96 Expected																		
STD OXL93 Expected																		
STD DS9 Expected																		
STD DS10 Expected					14.69	154.61	150.55	352.9	74.6	43.7	2.48	9.51	11.65	1.96	91.9	0.289	4.79	2.3
STD OREAS45EA Expected					1.39	709	14.3	28.9	381	9.1	0.02	0.2	0.26	0.26	53		0.072	0.6
STD GS311-1 Expected		1.02			2.35													
STD GS910-4 Expected		2.65			8.27													
STD SO-18 Expected		0.27																
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.02			<0.02													
BLK	Blank	<0.01																
Prep Wash																		
G1-WHI	Prep Blank																	
G1-WHI	Prep Blank																	

QUALITY CONTROL REPORT

WHI13000235.2

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
G1-WHI	Prep Blank			0.25	5.16	5.55	46.5	105	5.1	4.0	577	2.26	0.8	1.9	0.6	5.8	63.7	0.02	0.08	0.07	38

QUALITY CONTROL REPORT

WHI13000235.2

	1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
G1-WHI	0.55	0.083	14.3	5.2	0.55	310.8	0.131	<20	1.05	0.097	0.53	<0.1	2.6	0.36	<0.02	<5	<0.1	<0.02	5.2	3.66

QUALITY CONTROL REPORT

WHI13000235.2

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01
G1-WHI	Prep Blank	0.2	0.08	0.33	46.0	0.6	<0.05	1.3	5.79	27.1	0.03	<1	0.4	31.4	<10	<2					

QUALITY CONTROL REPORT

WHI13000235.2

	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
G1-WHI	Prep Blank																			

QUALITY CONTROL REPORT

WHI13000235.2

	4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05	4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05	4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05
G1-WHI	Prep Blank																			

QUALITY CONTROL REPORT

WHI13000235.2

		4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
G1-WHI	Prep Blank																	

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Whitehorse
Received: August 09, 2013
Report Date: November 01, 2013
Page: 1 of 3

CERTIFICATE OF ANALYSIS

WHI13000247.2

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_010
P.O. Number
Number of Samples: 49

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

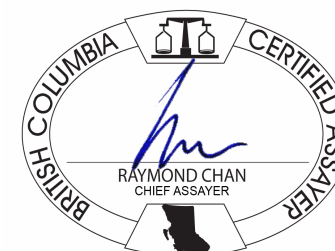
CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	46	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
G601	49	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
1F04	49	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
4AB1	1	Whole Rock Analysis Majors and Trace Elements	0.2	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 4AB1 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. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI13000247.2

	Method Analyte Unit MDL	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315403	Drill Core	5.75	0.033	0.14	13.00	42.01	413.0	137	3.1	3.3	332	0.92	19.9	3.0	26.7	28.8	40.6	5.09	1.27	0.16
2315404	Drill Core	5.36	0.142	0.14	8.96	21.13	45.6	116	3.1	2.7	283	0.72	11.8	3.2	23.8	29.6	92.2	1.18	1.93	0.15
2315405	Drill Core	6.04	0.035	0.30	4.96	11.89	32.0	89	3.0	1.4	230	0.59	10.1	2.9	21.3	29.2	50.0	0.28	1.86	0.14
2315406	Drill Core	5.15	0.023	0.30	6.29	42.73	66.5	133	3.4	2.4	347	0.64	11.2	3.8	55.4	27.8	57.7	0.38	1.88	0.11
2315407	Drill Core	6.06	0.098	0.82	4.65	32.02	76.4	143	3.6	2.0	333	0.78	19.7	4.1	141.6	25.1	69.5	0.53	1.42	0.14
2315408	Drill Core	5.82	0.047	0.54	22.29	15.33	41.4	189	4.0	4.3	352	0.80	26.1	4.4	57.9	29.7	64.2	0.30	2.33	0.20
2315409	Drill Core	6.15	0.040	0.20	34.20	41.70	82.8	246	3.0	2.3	326	0.91	29.9	4.5	32.2	29.4	60.3	0.85	2.18	0.15
2315410	Rock Pulp	0.06	0.270	181.21	2069.04	21.60	67.6	2072	16.6	20.3	393	3.54	25.7	4.1	215.2	9.7	64.8	0.92	3.66	2.21
2315411	Rock	1.09	<0.005	<0.01	1.97	4.64	44.8	30	2.8	4.5	616	2.08	0.3	2.1	2.6	7.3	68.8	<0.01	0.02	0.09
2315412	Drill Core	5.91	0.049	0.27	35.23	31.36	71.8	278	3.7	2.2	243	0.81	40.4	4.2	65.5	32.1	45.9	1.07	1.85	0.23
2315413	Drill Core	6.08	0.029	0.25	29.58	19.26	35.9	226	2.9	1.6	178	0.86	33.0	4.0	30.3	25.7	45.4	0.50	1.83	0.22
2315414	Drill Core	7.01	0.014	0.37	20.95	7.81	19.7	170	3.3	3.8	212	0.93	34.2	4.9	24.3	29.9	47.9	0.19	2.24	0.23
2315415	Drill Core	6.08	0.025	0.24	4.05	5.99	18.2	70	3.4	1.8	212	0.76	11.4	3.7	19.0	29.3	50.8	0.10	1.27	0.10
2315416	Drill Core	6.15	0.015	0.18	3.17	6.26	37.2	50	3.3	1.7	276	0.78	11.6	3.1	9.3	27.1	32.9	2.18	0.51	0.14
2315417	Drill Core	4.73	0.012	0.22	19.33	12.43	61.0	119	3.6	3.3	272	1.21	23.1	3.6	20.2	28.5	28.5	5.07	1.24	0.31
2315418	Drill Core	3.17	0.028	0.27	70.36	435.84	335.7	1663	4.1	5.3	306	1.83	49.9	4.2	29.0	22.3	39.7	5.65	2.92	0.55
2315419	Drill Core	3.48	0.029	0.27	262.26	181.40	405.8	1274	5.3	7.1	319	1.86	57.0	3.3	38.2	24.7	29.9	5.77	2.60	0.44
2315420	Drill Core	4.93	0.043	1.68	152.36	164.86	475.3	653	5.0	6.8	480	1.30	30.9	3.7	43.5	25.9	36.1	6.10	0.96	0.33
2315421	Drill Core	2.02	0.046	0.58	50.25	369.66	3631.5	2046	4.3	3.1	588	1.77	43.7	3.2	61.6	27.0	26.5	7.69	0.45	2.66
2315422	Drill Core	2.35	0.029	0.47	48.26	356.66	4499.1	2119	3.8	3.5	650	1.78	38.4	3.2	27.7	28.1	29.4	8.14	0.39	1.80
2315423	Drill Core	4.02	0.030	0.92	18.48	123.10	2647.9	1610	6.2	8.3	975	1.61	37.7	3.0	28.0	26.3	45.8	38.53	0.30	0.43
2315424	Drill Core	4.24	0.281	1.28	183.27	978.31	3268.0	8832	3.3	7.7	877	2.30	425.4	4.4	287.6	22.7	37.2	31.88	2.76	3.16
2315425	Drill Core	4.73	0.015	1.71	13.92	28.06	627.4	199	5.0	8.6	507	1.80	25.6	4.3	14.0	22.3	61.5	10.59	1.06	0.25
2315426	Drill Core	5.92	0.013	1.13	6.99	14.82	251.8	133	4.2	5.1	441	1.43	15.4	3.5	12.4	20.7	48.8	5.50	0.98	0.16
2315427	Drill Core	6.29	0.026	5.49	151.14	30.46	122.7	591	5.8	5.8	203	0.97	24.5	4.8	27.9	19.4	42.2	4.06	2.32	0.25
2315428	Drill Core	5.21	0.031	5.37	59.20	17.52	80.7	270	4.8	5.8	270	1.01	27.7	4.2	27.5	20.1	46.8	1.97	1.46	0.24
2315429	Drill Core	5.94	0.020	6.08	41.61	17.78	475.8	186	4.9	2.9	269	0.93	23.3	4.7	13.4	19.3	54.9	3.01	1.63	0.16
2315430	Rock Pulp	0.07	2.006	3.63	36.87	6.55	50.6	458	25.6	12.6	504	2.82	8.3	0.2	2344.0	1.0	44.1	0.16	0.93	0.14
2315431	Rock	0.75	<0.005	0.14	3.45	5.66	45.7	13	3.4	4.5	583	2.01	<0.1	1.8	0.3	6.1	63.0	0.06	<0.02	0.02
2315432	Drill Core	6.18	0.017	4.84	6.23	15.88	62.5	131	4.0	1.8	310	0.81	16.5	5.7	15.9	20.2	71.8	0.46	1.32	0.17

CERTIFICATE OF ANALYSIS

WHI13000247.2

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315403	Drill Core	0.52	0.030	25.0	8.9	0.56	137.4	0.030	<20	1.07	0.098	0.12	<0.1	3.3	0.06	<0.02	7	0.2	0.05	3.9	3.07
2315404	Drill Core	0.91	0.031	25.4	8.4	0.52	462.6	0.066	<20	1.42	0.091	0.10	0.3	3.1	0.06	<0.02	8	<0.1	0.07	4.1	7.07
2315405	Drill Core	0.60	0.031	18.4	12.5	0.34	59.5	0.073	<20	0.71	0.158	0.04	0.2	2.9	0.04	<0.02	8	<0.1	0.04	2.6	1.79
2315406	Drill Core	1.17	0.037	17.6	11.7	0.50	54.1	0.078	<20	0.92	0.121	0.04	0.1	3.7	0.03	<0.02	<5	<0.1	0.07	3.5	2.33
2315407	Drill Core	1.17	0.037	18.6	10.7	0.48	75.7	0.060	<20	1.10	0.134	0.06	0.1	3.6	0.07	<0.02	7	0.1	<0.02	3.6	2.36
2315408	Drill Core	1.01	0.030	23.3	13.2	0.51	38.5	0.080	<20	1.01	0.134	0.03	0.2	4.0	0.04	<0.02	<5	<0.1	0.05	4.0	2.07
2315409	Drill Core	0.94	0.034	20.1	12.7	0.49	35.3	0.084	<20	0.99	0.173	0.02	0.2	3.2	0.03	<0.02	9	0.1	0.13	4.2	1.33
2315410	Rock Pulp	1.80	0.070	20.3	63.8	0.84	85.6	0.033	<20	1.35	0.054	0.52	1.6	6.3	0.30	1.73	114	2.6	0.36	4.7	1.86
2315411	Rock	0.55	0.072	14.8	12.7	0.53	168.8	0.136	<20	1.08	0.120	0.54	<0.1	2.4	0.32	<0.02	<5	<0.1	<0.02	5.0	3.76
2315412	Drill Core	0.57	0.038	18.3	13.4	0.45	37.0	0.086	<20	0.86	0.134	0.02	0.3	3.0	0.03	<0.02	8	0.4	0.07	3.7	1.59
2315413	Drill Core	0.60	0.029	16.0	12.4	0.34	40.8	0.075	<20	0.76	0.146	0.03	0.2	2.1	0.04	0.02	6	0.1	0.11	2.9	1.49
2315414	Drill Core	0.67	0.034	22.1	12.5	0.50	56.1	0.091	<20	0.85	0.137	0.03	0.2	3.2	0.03	0.06	5	0.5	0.09	3.6	1.98
2315415	Drill Core	0.87	0.037	22.1	13.5	0.55	119.3	0.076	<20	0.94	0.158	0.04	0.1	3.0	0.05	<0.02	<5	0.1	0.07	4.0	2.25
2315416	Drill Core	1.07	0.041	21.1	11.2	0.72	46.9	0.022	<20	0.94	0.071	0.06	0.1	4.3	0.06	<0.02	13	0.2	0.03	3.5	3.52
2315417	Drill Core	0.37	0.037	23.8	10.7	0.64	34.2	0.017	<20	1.01	0.095	0.06	<0.1	4.5	0.06	<0.02	12	0.2	0.04	4.1	3.38
2315418	Drill Core	0.46	0.036	27.0	11.7	0.53	59.3	0.026	<20	1.14	0.068	0.07	<0.1	3.8	0.06	<0.02	43	0.6	0.13	5.0	5.85
2315419	Drill Core	0.39	0.038	22.8	13.5	0.53	45.0	0.013	<20	1.20	0.074	0.08	0.1	4.3	0.08	<0.02	45	1.0	0.02	4.0	5.34
2315420	Drill Core	1.01	0.043	19.6	11.7	0.61	115.6	0.007	<20	1.11	0.071	0.18	<0.1	4.1	0.20	<0.02	25	0.3	0.09	3.1	7.51
2315421	Drill Core	1.13	0.055	18.7	10.7	0.73	63.3	0.001	<20	1.28	0.033	0.17	<0.1	3.9	0.19	<0.02	60	1.2	0.64	2.8	6.32
2315422	Drill Core	1.28	0.055	18.7	11.5	0.73	79.2	0.001	<20	1.42	0.044	0.22	<0.1	3.8	0.26	<0.02	59	1.0	0.37	3.1	6.92
2315423	Drill Core	2.12	0.053	36.2	10.7	0.84	79.4	0.002	<20	1.79	0.018	0.17	<0.1	6.7	0.18	<0.02	28	0.3	0.04	4.4	6.51
2315424	Drill Core	2.12	0.056	29.2	7.7	0.49	146.3	<0.001	<20	1.09	0.016	0.27	<0.1	4.1	0.27	<0.02	124	2.0	0.19	3.1	7.20
2315425	Drill Core	2.01	0.048	25.4	14.4	0.77	203.2	0.030	<20	1.38	0.078	0.13	0.1	6.5	0.09	0.07	6	0.3	<0.02	5.2	7.92
2315426	Drill Core	1.40	0.057	19.5	14.4	0.93	102.7	0.057	<20	1.26	0.100	0.10	0.1	6.1	0.07	0.04	15	<0.1	0.04	5.0	4.38
2315427	Drill Core	0.85	0.053	25.0	13.2	0.44	77.6	0.112	<20	0.84	0.128	0.04	0.3	3.2	0.05	0.15	9	0.4	0.08	3.8	2.15
2315428	Drill Core	0.83	0.062	18.4	13.1	0.56	70.4	0.088	<20	1.00	0.096	0.03	0.2	4.3	0.03	0.11	12	0.5	0.12	3.8	2.38
2315429	Drill Core	1.03	0.057	22.5	15.1	0.58	57.4	0.104	<20	1.10	0.139	0.02	0.3	3.7	0.03	0.05	21	0.5	0.03	3.6	1.96
2315430	Rock Pulp	0.91	0.059	5.1	34.7	0.91	115.8	0.142	<20	1.77	0.103	0.16	13.2	5.8	0.05	0.04	112	0.2	0.10	5.9	0.46
2315431	Rock	0.54	0.072	14.0	11.4	0.52	172.5	0.127	<20	1.04	0.117	0.52	<0.1	2.3	0.31	<0.02	8	0.2	<0.02	4.5	3.36
2315432	Drill Core	1.39	0.064	14.0	16.9	0.65	59.0	0.096	<20	1.20	0.154	0.02	0.2	5.8	0.03	0.06	<5	<0.1	0.06	4.2	2.12

CERTIFICATE OF ANALYSIS

WHI13000247.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315403	Drill Core	<0.1	0.30	0.06	4.2	1.7	<0.05	11.0	11.63	46.3	0.02	<1	0.3	8.2	<10	5					
2315404	Drill Core	<0.1	0.35	0.08	3.8	0.8	<0.05	12.6	9.93	46.2	<0.02	<1	0.3	6.6	<10	7					
2315405	Drill Core	0.1	0.37	0.26	2.1	1.2	<0.05	12.1	11.04	34.3	<0.02	<1	0.4	5.0	<10	3					
2315406	Drill Core	0.2	0.28	0.21	2.1	1.7	<0.05	9.8	13.55	34.3	<0.02	<1	0.2	7.2	15	3					
2315407	Drill Core	0.1	0.31	0.14	2.9	1.7	<0.05	8.9	12.30	37.6	0.03	<1	0.3	6.2	<10	3					
2315408	Drill Core	0.3	0.34	0.21	1.6	2.1	<0.05	11.2	12.81	45.0	0.05	2	0.2	7.8	11	7					
2315409	Drill Core	0.2	0.31	0.21	1.2	1.8	<0.05	9.2	11.79	40.5	0.06	<1	0.3	6.3	<10	<2					
2315410	Rock Pulp	<0.1	0.07	0.04	30.3	1.7	<0.05	3.1	9.99	36.2	0.05	39	0.3	7.1	32	<2					
2315411	Rock	0.1	0.10	0.28	44.3	1.9	<0.05	1.4	5.95	27.8	<0.02	<1	<0.1	31.5	<10	3					
2315412	Drill Core	<0.1	0.34	0.18	1.1	1.8	<0.05	10.1	10.58	34.6	0.08	<1	0.4	5.5	10	<2					
2315413	Drill Core	0.2	0.27	0.18	1.1	1.4	<0.05	6.5	8.11	30.5	0.05	<1	<0.1	4.5	<10	3	74.33	12.42	2.16	1.13	2.93
2315414	Drill Core	0.2	0.34	0.20	1.6	1.7	<0.05	10.0	9.41	40.8	0.03	<1	0.3	7.0	<10	<2					
2315415	Drill Core	0.1	0.33	0.18	2.2	1.4	<0.05	9.8	9.41	40.2	0.03	<1	0.3	9.7	<10	4					
2315416	Drill Core	<0.1	0.19	0.08	3.4	1.0	<0.05	7.1	13.11	37.8	<0.02	<1	0.8	10.0	13	<2					
2315417	Drill Core	<0.1	0.20	0.04	3.0	1.3	<0.05	8.5	14.26	42.5	0.07	<1	0.3	8.8	<10	3					
2315418	Drill Core	<0.1	0.20	0.04	3.9	2.2	<0.05	5.5	11.51	46.8	0.05	<1	0.1	10.9	<10	<2					
2315419	Drill Core	<0.1	0.13	0.02	3.9	1.3	<0.05	4.8	10.50	40.6	0.11	<1	0.5	8.2	12	<2					
2315420	Drill Core	<0.1	0.13	<0.02	10.9	1.0	<0.05	3.5	13.11	38.1	0.03	<1	0.3	7.0	<10	2					
2315421	Drill Core	<0.1	0.03	<0.02	9.5	0.6	<0.05	1.7	13.90	36.4	0.36	<1	0.3	8.2	<10	<2					
2315422	Drill Core	<0.1	0.05	<0.02	12.7	0.7	<0.05	1.8	14.72	38.3	0.35	<1	0.6	7.6	<10	2					
2315423	Drill Core	<0.1	0.04	<0.02	9.7	0.9	<0.05	1.9	18.62	69.0	0.04	<1	1.2	12.0	<10	2					
2315424	Drill Core	<0.1	0.06	<0.02	12.9	0.9	<0.05	2.5	16.81	57.6	1.81	<1	0.4	6.5	<10	2					
2315425	Drill Core	0.1	0.10	0.04	7.4	0.9	<0.05	3.5	13.34	48.3	0.04	<1	0.4	8.5	<10	3					
2315426	Drill Core	<0.1	0.18	0.06	4.9	1.1	<0.05	5.3	12.03	37.7	0.02	<1	0.5	11.6	<10	2					
2315427	Drill Core	<0.1	0.34	0.17	2.2	1.7	<0.05	8.8	8.38	42.5	0.03	<1	0.2	5.1	17	6					
2315428	Drill Core	<0.1	0.27	0.13	1.6	1.3	<0.05	8.4	8.80	32.9	0.04	<1	0.6	7.5	<10	<2					
2315429	Drill Core	0.2	0.22	0.14	1.1	1.7	<0.05	6.9	10.02	43.3	0.07	<1	0.2	6.9	<10	<2					
2315430	Rock Pulp	<0.1	0.18	0.03	5.8	0.5	<0.05	5.4	7.22	10.7	0.03	<1	0.2	13.3	<10	<2					
2315431	Rock	<0.1	0.08	0.33	46.7	0.7	<0.05	1.5	6.18	27.6	0.02	<1	0.3	29.8	<10	<2					
2315432	Drill Core	0.2	0.23	0.18	0.8	1.5	<0.05	7.4	10.14	27.2	0.03	<1	0.3	8.1	<10	3					

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Project: 210800

Report Date: November 01, 2013

Page: 2 of 3

Part: 4 of 6

CERTIFICATE OF ANALYSIS

WHI13000247.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315403	Drill Core																				
2315404	Drill Core																				
2315405	Drill Core																				
2315406	Drill Core																				
2315407	Drill Core																				
2315408	Drill Core																				
2315409	Drill Core																				
2315410	Rock Pulp																				
2315411	Rock																				
2315412	Drill Core																				
2315413	Drill Core	4.99	0.21	0.29	0.08	0.04	0.004	<20	6	1.3	99.85	135	2	1.4	2.5	11.0	2.8	7.1	5.8	4	509.9
2315414	Drill Core																				
2315415	Drill Core																				
2315416	Drill Core																				
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2315430	Rock Pulp																				
2315431	Rock																				
2315432	Drill Core																				

Acme Analytical Laboratories (Vancouver) Ltd.

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Vancouver BC V6C 0B3 CANADA

Project: 210800

Report Date: November 01, 2013

Page: 2 of 3

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000247.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315403	Drill Core																			
2315404	Drill Core																			
2315405	Drill Core																			
2315406	Drill Core																			
2315407	Drill Core																			
2315408	Drill Core																			
2315409	Drill Core																			
2315410	Rock Pulp																			
2315411	Rock																			
2315412	Drill Core																			
2315413	Drill Core	0.9	26.9	7.4	43	<0.5	99.2	15.6	23.5	41.7	4.51	16.0	3.06	0.62	2.75	0.40	2.71	0.53	1.36	0.25
2315414	Drill Core																			
2315415	Drill Core																			
2315416	Drill Core																			
2315417	Drill Core																			
2315418	Drill Core																			
2315419	Drill Core																			
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2315430	Rock Pulp																			
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Page: 2 of 3

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000247.2

	Method Analyte Unit MDL																	
		4A-4B 2A Leco 2A Leco			1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
2315403	Drill Core																	
2315404	Drill Core																	
2315405	Drill Core																	
2315406	Drill Core																	
2315407	Drill Core																	
2315408	Drill Core																	
2315409	Drill Core																	
2315410	Rock Pulp																	
2315411	Rock																	
2315412	Drill Core																	
2315413	Drill Core	0.25	0.04	0.03	0.3	25.7	17.8	37	3.4	32.2	0.5	1.6	0.2	0.2	27.8	<0.01	<0.1	<0.5
2315414	Drill Core																	
2315415	Drill Core																	
2315416	Drill Core																	
2315417	Drill Core																	
2315418	Drill Core																	
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2315428	Drill Core																	
2315429	Drill Core																	
2315430	Rock Pulp																	
2315431	Rock																	
2315432	Drill Core																	

CERTIFICATE OF ANALYSIS

WHI13000247.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315433	Drill Core	6.08	0.026	0.59	6.49	10.09	31.0	101	4.4	1.5	274	0.73	11.0	3.5	9.9	18.9	70.8	0.27	1.34	0.16
2315434	Drill Core	6.22	0.037	0.71	8.68	9.05	42.5	110	6.9	2.2	387	0.86	12.8	3.6	17.8	21.0	89.8	0.40	1.06	0.16
2315435	Drill Core	5.93	0.088	1.24	37.46	10.31	66.7	156	4.3	2.7	270	0.67	16.8	3.8	34.4	18.3	79.5	0.82	1.94	0.15
2315436	Drill Core	4.67	0.011	0.54	15.60	6.73	18.3	94	5.4	1.2	125	0.47	13.0	2.6	9.3	16.4	41.8	0.19	0.87	0.14
2315437	Drill Core	5.24	0.018	19.04	33.01	9.61	126.2	250	6.1	2.5	281	0.74	16.7	4.3	35.2	19.8	126.1	1.00	0.72	0.34
2315438	Drill Core	4.46	0.035	5.02	283.06	13.46	104.8	1093	6.8	5.1	379	0.99	40.7	3.5	29.2	15.3	110.7	1.13	1.28	0.39
2315439	Drill Core	4.77	0.018	1.71	105.67	6.60	35.2	529	10.3	21.7	243	2.51	61.9	2.3	16.1	8.1	117.1	0.47	1.56	0.35
2315440	Drill Core	6.30	0.021	1.06	73.81	7.86	40.2	454	7.3	16.4	261	2.57	45.3	2.7	18.9	8.0	141.1	0.61	1.31	0.33
2315441	Drill Core	3.23	0.029	2.40	98.51	6.39	31.9	508	8.7	16.5	262	2.14	138.4	1.7	26.0	7.9	127.9	0.34	2.08	0.28
2315442	Drill Core	3.84	0.031	2.34	96.54	6.71	31.4	497	8.6	14.1	254	1.90	129.6	1.8	30.4	7.8	116.9	0.31	1.86	0.29
2315443	Drill Core	3.81	0.017	2.58	51.44	7.34	30.3	271	5.6	7.2	317	1.44	26.3	3.8	16.7	15.9	80.5	0.28	1.69	0.31
2315444	Drill Core	4.87	0.039	3.27	167.81	9.50	41.5	756	7.5	8.3	250	1.35	44.4	4.2	40.7	16.5	70.6	0.42	2.46	0.25
2315445	Drill Core	6.25	0.174	3.57	610.50	19.29	164.4	2857	11.7	10.3	415	2.67	101.8	4.6	148.7	14.8	99.1	4.35	10.88	7.64
2315446	Drill Core	4.33	0.054	0.84	87.57	161.85	1507.8	3757	8.0	7.8	594	1.35	29.3	2.7	41.6	17.6	64.5	15.50	1.06	0.62
2315447	Drill Core	4.72	0.192	0.63	173.13	360.79	2089.4	2690	7.1	5.3	763	1.47	145.7	3.1	188.2	19.4	81.9	23.98	2.03	1.33
2315448	Drill Core	4.84	0.063	0.82	21.23	298.36	708.3	835	6.4	2.5	717	1.22	39.0	1.7	45.2	19.0	33.4	8.80	0.21	0.71
2315449	Drill Core	6.13	0.022	0.71	6.55	56.91	255.7	492	9.3	2.6	785	1.25	17.1	2.6	24.5	16.7	59.3	10.53	0.54	0.24
2315450	Rock Pulp	0.06	4.794	10.66	38.41	10.71	74.1	742	31.0	4.3	356	1.71	397.9	2.1	72.2	2.2	42.3	0.69	33.31	0.49
2315451	Rock	0.81	<0.005	0.09	4.02	4.60	45.0	30	2.7	4.1	573	2.04	0.5	1.9	<0.2	6.4	78.8	0.12	0.03	0.17

CERTIFICATE OF ANALYSIS

WHI13000247.2

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
MDL		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315433	Drill Core	1.20	0.061	21.7	18.8	0.59	39.0	0.111	<20	1.00	0.167	0.02	0.2	5.2	0.02	<0.02	5	<0.1	<0.02	3.6	1.48
2315434	Drill Core	1.57	0.060	17.0	18.9	0.80	45.9	0.098	<20	1.38	0.192	0.02	0.2	5.8	0.02	<0.02	9	0.1	0.02	4.6	2.80
2315435	Drill Core	1.52	0.069	26.7	15.7	0.38	36.3	0.097	41	1.07	0.173	0.02	0.2	3.0	0.03	0.03	<5	0.2	0.05	3.8	5.12
2315436	Drill Core	0.81	0.061	17.0	8.4	0.26	20.7	0.082	<20	0.61	0.150	0.01	0.1	3.4	<0.02	<0.02	<5	<0.1	0.04	2.1	1.50
2315437	Drill Core	1.74	0.077	22.0	11.3	0.53	33.7	0.094	<20	1.57	0.241	0.02	0.2	5.1	0.02	0.04	8	<0.1	0.13	4.7	4.17
2315438	Drill Core	2.10	0.077	18.0	14.0	0.56	28.8	0.114	<20	1.30	0.217	0.02	0.2	7.0	<0.02	0.06	7	0.4	0.03	4.5	1.82
2315439	Drill Core	1.42	0.081	8.8	12.9	0.89	58.3	0.199	<20	2.25	0.318	0.12	0.3	4.6	0.12	0.47	<5	1.1	0.07	7.3	2.76
2315440	Drill Core	1.47	0.071	9.6	11.6	0.93	94.1	0.195	<20	2.57	0.395	0.16	0.2	4.3	0.13	0.31	13	0.4	0.08	7.0	3.15
2315441	Drill Core	1.56	0.077	9.5	12.7	0.76	74.2	0.157	<20	2.07	0.326	0.08	0.3	4.2	0.10	0.36	<5	0.6	0.09	6.4	1.82
2315442	Drill Core	1.51	0.080	9.3	14.1	0.69	67.7	0.133	<20	1.83	0.289	0.07	0.3	4.2	0.09	0.36	15	0.8	0.05	6.0	1.59
2315443	Drill Core	1.78	0.065	14.9	14.9	0.68	82.5	0.107	<20	1.23	0.183	0.03	0.3	5.2	0.04	0.20	<5	0.4	0.19	4.1	6.26
2315444	Drill Core	1.33	0.068	15.7	10.5	0.45	34.4	0.087	<20	1.02	0.147	0.02	0.2	4.4	0.05	0.26	<5	0.4	0.05	4.0	2.93
2315445	Drill Core	1.62	0.042	19.9	9.6	0.55	26.7	0.062	<20	1.68	0.187	0.04	0.2	6.4	0.18	0.54	14	1.4	7.48	6.0	2.44
2315446	Drill Core	2.12	0.057	25.3	10.8	0.83	67.4	0.013	<20	1.43	0.092	0.10	<0.1	6.5	0.12	0.05	13	0.2	0.15	4.3	5.23
2315447	Drill Core	2.04	0.056	16.2	10.3	0.53	50.7	0.003	<20	1.55	0.136	0.14	<0.1	4.6	0.19	<0.02	91	0.3	0.14	4.1	5.85
2315448	Drill Core	0.64	0.079	20.4	14.9	0.74	34.0	0.002	<20	1.67	0.037	0.18	0.2	5.7	0.24	<0.02	34	<0.1	0.19	3.6	7.79
2315449	Drill Core	1.40	0.104	11.4	41.3	0.98	39.5	0.022	<20	1.76	0.114	0.15	<0.1	8.5	0.20	<0.02	10	<0.1	0.08	5.1	4.60
2315450	Rock Pulp	9.86	0.044	4.6	23.3	4.11	99.6	0.001	<20	0.29	0.004	0.11	24.0	3.1	0.95	1.24	4491	1.4	0.22	0.9	0.64
2315451	Rock	0.61	0.074	16.6	5.5	0.53	187.7	0.131	<20	1.22	0.156	0.56	<0.1	2.5	0.34	<0.02	16	<0.1	<0.02	5.2	3.60

CERTIFICATE OF ANALYSIS

WHI13000247.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315433	Drill Core	0.3	0.27	0.18	0.9	1.4	<0.05	8.4	10.41	41.6	0.06	<1	<0.1	6.0	<10	<2					
2315434	Drill Core	0.2	0.17	0.14	1.0	1.4	<0.05	6.4	8.94	31.7	0.03	3	0.4	9.3	<10	<2					
2315435	Drill Core	0.3	0.16	0.21	0.8	1.3	<0.05	4.5	9.73	44.9	0.04	<1	0.2	4.1	<10	<2					
2315436	Drill Core	<0.1	0.12	0.21	0.6	1.2	<0.05	3.2	7.03	33.1	<0.02	1	0.1	2.6	<10	<2					
2315437	Drill Core	0.1	0.14	0.15	1.0	1.9	<0.05	3.9	8.01	41.3	0.03	17	<0.1	5.6	<10	<2					
2315438	Drill Core	0.2	0.10	0.13	1.1	2.1	<0.05	3.1	9.91	33.3	0.05	6	0.7	7.4	<10	<2					
2315439	Drill Core	<0.1	0.07	0.12	7.9	1.0	<0.05	2.6	6.56	19.3	0.03	11	0.6	12.0	<10	<2					
2315440	Drill Core	<0.1	0.08	0.07	9.4	0.9	<0.05	1.9	6.09	18.0	0.03	5	0.2	10.3	<10	<2					
2315441	Drill Core	<0.1	0.09	0.06	5.0	1.1	<0.05	2.6	6.29	19.9	0.02	2	0.5	9.0	<10	<2					
2315442	Drill Core	<0.1	0.08	0.07	3.9	1.2	<0.05	3.0	5.74	18.0	<0.02	7	0.3	7.7	<10	<2					
2315443	Drill Core	0.2	0.08	0.12	1.6	1.2	<0.05	2.5	7.95	28.2	0.04	2	0.1	8.9	<10	<2					
2315444	Drill Core	<0.1	0.11	0.13	0.9	1.7	<0.05	3.0	7.59	29.0	0.06	2	0.1	8.3	<10	<2					
2315445	Drill Core	0.1	0.13	0.08	2.1	1.9	<0.05	2.9	8.16	33.8	0.04	4	0.4	7.6	<10	<2					
2315446	Drill Core	<0.1	0.04	0.03	6.2	2.1	<0.05	1.4	12.06	42.9	0.05	<1	0.4	8.3	<10	<2					
2315447	Drill Core	<0.1	<0.02	<0.02	8.1	1.8	<0.05	0.7	13.68	34.0	0.33	<1	0.5	7.7	<10	<2					
2315448	Drill Core	<0.1	<0.02	<0.02	9.9	1.5	<0.05	0.7	13.30	39.5	0.09	<1	0.6	7.6	<10	<2					
2315449	Drill Core	<0.1	0.03	0.04	9.6	2.9	<0.05	1.3	13.36	25.9	0.08	2	0.6	8.9	<10	<2					
2315450	Rock Pulp	<0.1	0.03	0.03	4.4	1.0	<0.05	1.2	8.19	9.2	0.03	7	0.2	3.8	<10	4					
2315451	Rock	<0.1	0.07	0.34	44.1	0.9	<0.05	1.3	6.69	31.5	<0.02	<1	0.6	29.9	<10	<2					

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Project: 210800

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Page: 3 of 3

Part: 4 of 6

CERTIFICATE OF ANALYSIS

WHI13000247.2

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
	Unit	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.01	0.01	0.01	0.002	20	1	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1
2315433	Drill Core																				
2315434	Drill Core																				
2315435	Drill Core																				
2315436	Drill Core																				
2315437	Drill Core																				
2315438	Drill Core																				
2315439	Drill Core																				
2315440	Drill Core																				
2315441	Drill Core																				
2315442	Drill Core																				
2315443	Drill Core																				
2315444	Drill Core																				
2315445	Drill Core																				
2315446	Drill Core																				
2315447	Drill Core																				
2315448	Drill Core																				
2315449	Drill Core																				
2315450	Rock Pulp																				
2315451	Rock																				

Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Teck Resources Limited**

Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800

Report Date: November 01, 2013

Page: 3 of 3

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000247.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315433	Drill Core																			
2315434	Drill Core																			
2315435	Drill Core																			
2315436	Drill Core																			
2315437	Drill Core																			
2315438	Drill Core																			
2315439	Drill Core																			
2315440	Drill Core																			
2315441	Drill Core																			
2315442	Drill Core																			
2315443	Drill Core																			
2315444	Drill Core																			
2315445	Drill Core																			
2315446	Drill Core																			
2315447	Drill Core																			
2315448	Drill Core																			
2315449	Drill Core																			
2315450	Rock Pulp																			
2315451	Rock																			

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Page: 3 of 3

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000247.2

	Method Analyte Unit MDL	4A-4B 2A Leco 2A Leco			1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1
2315433	Drill Core																
2315434	Drill Core																
2315435	Drill Core																
2315436	Drill Core																
2315437	Drill Core																
2315438	Drill Core																
2315439	Drill Core																
2315440	Drill Core																
2315441	Drill Core																
2315442	Drill Core																
2315443	Drill Core																
2315444	Drill Core																
2315445	Drill Core																
2315446	Drill Core																
2315447	Drill Core																
2315448	Drill Core																
2315449	Drill Core																
2315450	Rock Pulp																
2315451	Rock																

QUALITY CONTROL REPORT

WHI13000247.2

	Method Analyte Unit MDL	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
Pulp Duplicates																					
REP G1-WHI	QC			0.10	3.80	3.81	50.1	15	3.5	4.5	627	2.15	0.1	2.5	0.7	7.4	83.0	<0.01	<0.02	0.07	47
2315413	Drill Core	6.08	0.029	0.25	29.58	19.26	35.9	226	2.9	1.6	178	0.86	33.0	4.0	30.3	25.7	45.4	0.50	1.83	0.22	21
REP 2315413	QC																				
2315430	Rock Pulp	0.07	2.006	3.63	36.87	6.55	50.6	458	25.6	12.6	504	2.82	8.3	0.2	2344.0	1.0	44.1	0.16	0.93	0.14	80
REP 2315430	QC	1.815																			
2315451	Rock	0.81	<0.005	0.09	4.02	4.60	45.0	30	2.7	4.1	573	2.04	0.5	1.9	<0.2	6.4	78.8	0.12	0.03	0.17	44
REP 2315451	QC			0.09	3.56	4.61	48.1	9	2.9	4.6	582	2.07	0.4	2.2	<0.2	6.8	85.6	0.07	<0.02	0.09	45
Core Reject Duplicates																					
2315414	Drill Core	7.01	0.014	0.37	20.95	7.81	19.7	170	3.3	3.8	212	0.93	34.2	4.9	24.3	29.9	47.9	0.19	2.24	0.23	27
DUP 2315414	Drill Core		0.021	0.51	21.67	7.86	20.1	172	3.5	3.5	209	0.98	35.0	4.9	22.9	30.8	54.3	0.17	2.47	0.23	27
2315448	Drill Core	4.84	0.063	0.82	21.23	298.36	708.3	835	6.4	2.5	717	1.22	39.0	1.7	45.2	19.0	33.4	8.80	0.21	0.71	49
DUP 2315448	Drill Core		0.061	0.77	21.70	293.17	727.9	767	6.2	2.3	722	1.21	37.2	1.7	41.1	19.6	32.4	8.78	0.27	0.61	50
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard			12.63	106.68	130.23	288.8	1771	37.3	7.1	539	2.20	26.0	2.9	118.5	7.3	69.9	2.41	4.41	6.19	44
STD DS9	Standard			13.16	120.10	139.23	332.9	2155	42.5	8.6	625	2.36	27.8	2.8	138.2	6.4	70.8	2.32	4.39	6.49	48
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard			1.33	807.89	15.26	30.5	273	313.3	55.8	432	23.76	8.7	1.8	59.5	10.7	4.1	0.02	0.16	0.25	350
STD OREAS45EA	Standard			1.42	757.65	16.63	30.9	269	403.0	60.7	437	24.85	9.6	1.9	66.2	11.5	3.7	0.04	0.13	0.25	309
STD OREAS45EA	Standard																				
STD OXC109	Standard		0.195																		
STD OXI96	Standard		1.822																		
STD OXI96	Standard		1.790																		
STD OXL93	Standard		5.681																		
STD OXL93	Standard		5.748																		
STD SO-18	Standard																				
STD SO-18	Standard																				

QUALITY CONTROL REPORT

WHI13000247.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																					
REP G1-WHI	QC	0.59	0.075	16.5	12.1	0.56	190.6	0.143	<20	1.22	0.153	0.59	<0.1	2.7	0.35	<0.02	9	<0.1	0.07	5.5	3.63
2315413	Drill Core	0.60	0.029	16.0	12.4	0.34	40.8	0.075	<20	0.76	0.146	0.03	0.2	2.1	0.04	0.02	6	0.1	0.11	2.9	1.49
REP 2315413	QC																				
2315430	Rock Pulp	0.91	0.059	5.1	34.7	0.91	115.8	0.142	<20	1.77	0.103	0.16	13.2	5.8	0.05	0.04	112	0.2	0.10	5.9	0.46
REP 2315430	QC																				
2315451	Rock	0.61	0.074	16.6	5.5	0.53	187.7	0.131	<20	1.22	0.156	0.56	<0.1	2.5	0.34	<0.02	16	<0.1	<0.02	5.2	3.60
REP 2315451	QC	0.63	0.075	16.8	6.3	0.54	188.8	0.136	<20	1.26	0.162	0.58	<0.1	2.6	0.34	<0.02	7	<0.1	<0.02	5.2	3.54
Core Reject Duplicates																					
2315414	Drill Core	0.67	0.034	22.1	12.5	0.50	56.1	0.091	<20	0.85	0.137	0.03	0.2	3.2	0.03	0.06	5	0.5	0.09	3.6	1.98
DUP 2315414	Drill Core	0.69	0.035	22.1	13.2	0.48	58.9	0.089	<20	0.85	0.153	0.03	0.2	3.2	0.04	0.05	<5	0.4	0.13	3.9	1.97
2315448	Drill Core	0.64	0.079	20.4	14.9	0.74	34.0	0.002	<20	1.67	0.037	0.18	0.2	5.7	0.24	<0.02	34	<0.1	0.19	3.6	7.79
DUP 2315448	Drill Core	0.62	0.074	19.0	16.1	0.69	36.0	0.002	<20	1.62	0.037	0.18	0.3	6.1	0.23	<0.02	12	<0.1	0.11	3.7	7.18
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard	0.68	0.087	12.7	109.8	0.58	312.6	0.107	<20	0.90	0.079	0.38	2.7	2.3	5.23	0.15	205	4.9	5.32	4.3	2.43
STD DS9	Standard	0.76	0.084	14.6	118.5	0.65	352.0	0.115	<20	0.99	0.085	0.41	2.7	2.4	5.55	0.17	221	5.3	5.12	4.8	2.56
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	0.04	0.030	7.1	868.9	0.10	153.1	0.093	<20	3.01	0.017	0.05	<0.1	76.6	<0.02	0.03	10	0.3	0.05	13.1	0.69
STD OREAS45EA	Standard	0.04	0.027	7.6	871.8	0.10	153.1	0.099	<20	3.17	0.016	0.06	<0.1	85.9	<0.02	0.04	14	0.8	0.14	13.3	0.66
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				

QUALITY CONTROL REPORT

WHI13000247.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb		%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
Pulp Duplicates																					
REP G1-WHI	QC	<0.1	0.10	0.32	49.7	0.7	<0.05	1.7	6.94	31.8	<0.02	2	0.3	35.7	<10	6					
2315413	Drill Core	0.2	0.27	0.18	1.1	1.4	<0.05	6.5	8.11	30.5	0.05	<1	<0.1	4.5	<10	3	74.33	12.42	2.16	1.13	2.93
REP 2315413	QC																74.45	12.48	2.05	1.14	2.97
2315430	Rock Pulp	<0.1	0.18	0.03	5.8	0.5	<0.05	5.4	7.22	10.7	0.03	<1	0.2	13.3	<10	<2					
REP 2315430	QC																				
2315451	Rock	<0.1	0.07	0.34	44.1	0.9	<0.05	1.3	6.69	31.5	<0.02	<1	0.6	29.9	<10	<2					
REP 2315451	QC	<0.1	0.07	0.28	46.1	0.7	<0.05	1.3	6.37	30.9	<0.02	<1	0.3	31.2	<10	<2					
Core Reject Duplicates																					
2315414	Drill Core	0.2	0.34	0.20	1.6	1.7	<0.05	10.0	9.41	40.8	0.03	<1	0.3	7.0	<10	<2					
DUP 2315414	Drill Core	0.1	0.45	0.23	1.8	2.0	<0.05	10.8	10.63	41.0	0.05	<1	0.3	8.1	<10	2					
2315448	Drill Core	<0.1	<0.02	<0.02	9.9	1.5	<0.05	0.7	13.30	39.5	0.09	<1	0.6	7.6	<10	<2					
DUP 2315448	Drill Core	<0.1	<0.02	<0.02	9.7	1.5	<0.05	0.6	13.05	36.5	0.09	<1	0.5	5.9	<10	<2					
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard	<0.1	0.05	0.83	32.7	7.1	<0.05	1.9	5.76	25.4	1.92	61	6.9	24.3	115	343					
STD DS9	Standard	0.1	0.07	0.92	34.2	6.6	<0.05	1.7	5.68	28.2	2.09	51	4.8	27.4	113	347					
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	0.2	0.65	0.07	7.6	0.9	<0.05	20.8	5.61	17.8	0.08	<1	0.4	2.3	93	106					
STD OREAS45EA	Standard	0.3	0.63	0.05	7.5	0.9	<0.05	19.9	5.17	20.1	0.06	1	0.4	3.3	67	127					
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard																57.83	14.12	7.70	3.37	6.35
STD SO-18	Standard																58.31	14.02	7.55	3.35	6.30

QUALITY CONTROL REPORT

WHI13000247.2

Method		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
Analyte		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
Unit		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
Pulp Duplicates																					
REP G1-WHI	QC																				
2315413	Drill Core	4.99	0.21	0.29	0.08	0.04	0.004	<20	6	1.3	99.85	135	2	1.4	2.5	11.0	2.8	7.1	5.8	4	509.9
REP 2315413	QC	4.89	0.21	0.29	0.07	0.04	0.004	<20	6	1.3	99.85	135	2	1.5	2.2	11.6	3.0	7.4	6.0	3	509.8
2315430	Rock Pulp																				
REP 2315430	QC																				
2315451	Rock																				
REP 2315451	QC																				
Core Reject Duplicates																					
2315414	Drill Core																				
DUP 2315414	Drill Core																				
2315448	Drill Core																				
DUP 2315448	Drill Core																				
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard	3.78	2.23	0.69	0.82	0.41	0.546	41	24	1.9	99.77	488	<1	25.0	6.6	17.4	8.5	18.6	27.0	14	401.7
STD SO-18	Standard	3.68	2.17	0.69	0.83	0.40	0.553	40	24	1.9	99.76	484	<1	24.9	6.2	16.6	9.5	19.9	27.2	16	395.6

QUALITY CONTROL REPORT

WHI13000247.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01
Pulp Duplicates																					
REP G1-WHI	QC																				
2315413	Drill Core	0.9	26.9	7.4	43	<0.5	99.2	15.6	23.5	41.7	4.51	16.0	3.06	0.62	2.75	0.40	2.71	0.53	1.36	0.25	1.76
REP 2315413	QC	0.8	26.7	6.9	42	<0.5	100.4	14.5	23.5	42.9	4.42	14.5	2.87	0.65	2.53	0.42	2.51	0.51	1.64	0.26	1.79
2315430	Rock Pulp																				
REP 2315430	QC																				
2315451	Rock																				
REP 2315451	QC																				
Core Reject Duplicates																					
2315414	Drill Core																				
DUP 2315414	Drill Core																				
2315448	Drill Core																				
DUP 2315448	Drill Core																				
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard	6.2	10.1	16.8	195	14.1	274.7	29.4	11.7	27.2	3.22	12.8	2.92	0.83	2.97	0.49	2.66	0.55	1.69	0.28	1.73
STD SO-18	Standard	6.6	10.1	15.8	197	14.7	282.0	29.1	11.9	27.6	3.23	14.0	2.84	0.88	2.93	0.48	2.82	0.60	1.77	0.27	1.74

QUALITY CONTROL REPORT

WHI13000247.2

Method Analyte Unit MDL		4A-4B 2A Leco 2A Leco			1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
Pulp Duplicates																		
REP G1-WHI	QC																	
2315413	Drill Core	0.25	0.04	0.03	0.3	25.7	17.8	37	3.4	32.2	0.5	1.6	0.2	0.2	27.8	<0.01	<0.1	<0.5
REP 2315413	QC	0.28			0.3	25.5	17.5	35	3.2	32.6	0.4	1.6	0.2	0.2	23.6	<0.01	<0.1	<0.5
2315430	Rock Pulp																	
REP 2315430	QC																	
2315451	Rock																	
REP 2315451	QC																	
Core Reject Duplicates																		
2315414	Drill Core																	
DUP 2315414	Drill Core																	
2315448	Drill Core																	
DUP 2315448	Drill Core																	
Reference Materials																		
STD DS10	Standard				13.6	140.5	161.5	364	78.9	45.2	2.4	6.5	11.0	2.3	337.4	0.29	5.1	2.7
STD DS9	Standard																	
STD DS9	Standard																	
STD GS311-1	Standard		0.99	2.28														
STD GS910-4	Standard		2.63	8.42														
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard				1.3	676.1	13.5	28	380.9	8.7	<0.1	0.2	0.2	0.2	42.3	<0.01	<0.1	0.6
STD OXC109	Standard																	
STD OXI96	Standard																	
STD OXI96	Standard																	
STD OXL93	Standard																	
STD OXL93	Standard																	
STD SO-18	Standard	0.25																
STD SO-18	Standard	0.27																

QUALITY CONTROL REPORT

WHI13000247.2

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
STD OXC109 Expected		0.201																		
STD OXI96 Expected		1.802																		
STD OXL93 Expected		5.841																		
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32
STD DS10 Expected																				40
STD OREAS45EA Expected				1.39	709	14.3	28.9	260	381	52	400	23.51	9.1	1.73	53	10.7	3.5	0.02	0.2	0.26
STD GS311-1 Expected																				303
STD GS910-4 Expected																				
STD SO-18 Expected																				
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.3	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank			<0.01	<0.01	0.01	<0.1	8	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1-WHI	Prep Blank	<0.005																		
G1-WHI	Prep Blank	<0.005	0.05	2.61	3.31	45.6	11	2.9	4.0	553	1.90	<0.1	2.0	<0.2	6.1	56.9	<0.01	<0.02	0.05	42
G1-WHI	Prep Blank		0.10	3.44	3.89	48.2	11	3.9	4.5	640	2.14	<0.1	2.2	1.1	7.0	81.4	<0.01	<0.02	0.09	47

QUALITY CONTROL REPORT

WHI13000247.2

	1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
STD OXC109 Expected																				
STD OXI96 Expected																				
STD OXL93 Expected																				
STD DS9 Expected	0.7201	0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37
STD DS10 Expected																				
STD OREAS45EA Expected	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053		78	0.072	0.036	10	0.63	0.07	11.7	0.63
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD SO-18 Expected																				
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	14	<0.1	<0.02	<0.1	<0.02
BLK Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK Blank																				
BLK Blank																				
BLK Blank																				
Prep Wash																				
G1-WHI Prep Blank																				
G1-WHI Prep Blank	0.49	0.071	12.5	9.3	0.51	165.1	0.122	<20	0.92	0.077	0.47	<0.1	2.4	0.34	<0.02	<5	<0.1	0.04	4.9	3.45
G1-WHI Prep Blank	0.60	0.070	17.6	12.9	0.54	206.3	0.149	<20	1.21	0.151	0.59	<0.1	2.9	0.37	<0.02	5	<0.1	<0.02	5.3	3.70

QUALITY CONTROL REPORT

WHI13000247.2

	1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01
STD OXC109 Expected																				
STD OXI96 Expected																				
STD OXL93 Expected																				
STD DS9 Expected	0.1	0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350					
STD DS10 Expected																				
STD OREAS45EA Expected	0.26	0.57	0.06	7.04	0.83		20	5.09	17.7	0.08		0.41	2.37	66	108					
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD SO-18 Expected																58.47	14.23	7.67	3.35	6.42
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2					
BLK Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.2	<0.01	0.3	<0.02	<1	<0.1	<0.1	<10	<2					
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank																<0.01	<0.01	<0.04	<0.01	<0.01
Prep Wash																				
G1-WHI Prep Blank																				
G1-WHI Prep Blank	0.1	0.09	0.42	41.3	0.5	<0.05	1.1	5.34	25.3	<0.02	<1	0.3	30.6	<10	3					
G1-WHI Prep Blank	0.2	0.07	0.35	47.5	0.6	<0.05	1.4	6.54	33.8	<0.02	1	0.4	32.9	<10	2					

QUALITY CONTROL REPORT

WHI13000247.2

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1
STD OXC109 Expected																				
STD OXI96 Expected																				
STD OXL93 Expected																				
STD DS9 Expected																				
STD DS10 Expected																				
STD OREAS45EA Expected																				
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD SO-18 Expected		3.71	2.17	0.69	0.83	0.39	0.55	44	25			514		26.2	7.1	17.6	9.8	21.3	28.7	15
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	0.03	<1	<1	0.2	<0.1	<0.5	<0.1	0.3	0.3	<1
Prep Wash																				
G1-WHI	Prep Blank																			
G1-WHI	Prep Blank																			
G1-WHI	Prep Blank																			

Acme Analytical Laboratories (Vancouver) Ltd.
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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800
Report Date: November 01, 2013

Page: 2 of 2

Part: 5 of 6

QUALITY CONTROL REPORT

WHI13000247.2

		4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05	4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05	4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS9 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected		7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93	0.53	3	0.62	1.84	0.27	1.79
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<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	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05
Prep Wash																					
G1-WHI	Prep Blank																				
G1-WHI	Prep Blank																				
G1-WHI	Prep Blank																				

QUALITY CONTROL REPORT

WHI13000247.2

		4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
STD OXC109 Expected																		
STD OXI96 Expected																		
STD OXL93 Expected																		
STD DS9 Expected																		
STD DS10 Expected					14.69	154.61	150.55	352.9	74.6	43.7	2.48	9.51	11.65	1.96	91.9	0.289	4.79	2.3
STD OREAS45EA Expected					1.39	709	14.3	28.9	381	9.1	0.02	0.2	0.26	0.26	53		0.072	0.6
STD GS311-1 Expected		1.02			2.35													
STD GS910-4 Expected		2.65			8.27													
STD SO-18 Expected		0.27																
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.02			<0.02													
BLK	Blank	<0.01																
Prep Wash																		
G1-WHI	Prep Blank																	
G1-WHI	Prep Blank																	
G1-WHI	Prep Blank																	

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Whitehorse
Received: August 09, 2013
Report Date: November 04, 2013
Page: 1 of 3

CERTIFICATE OF ANALYSIS

WHI13000248.2

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_009
P.O. Number
Number of Samples: 59

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	56	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
G601	59	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
1F04	59	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
4AB1	2	Whole Rock Analysis Majors and Trace Elements	0.2	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 4AB1 included.



CERTIFICATE OF ANALYSIS

WHI13000248.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315344	Drill Core	6.12	0.213	48.74	42.52	12.21	47.1	122	5.3	4.2	201	1.27	10.9	2.0	107.2	8.7	149.3	0.62	0.45	0.33
2315345	Drill Core	5.92	0.471	22.71	75.89	10.80	97.8	254	4.7	4.7	262	1.20	54.8	1.9	187.1	8.0	145.0	1.10	0.66	1.68
2315346	Drill Core	5.73	0.189	17.83	84.41	10.65	46.7	248	4.1	2.7	182	1.06	37.5	1.6	143.0	7.7	106.1	0.57	0.61	0.63
2315347	Drill Core	5.16	0.340	8.08	129.28	9.12	101.7	369	3.4	3.4	166	0.99	32.8	1.7	227.5	8.9	141.3	1.18	0.48	0.92
2315348	Drill Core	6.42	1.043	27.57	43.07	8.19	33.0	164	4.4	3.5	192	1.26	6.3	2.3	614.9	8.7	136.0	0.37	0.30	0.25
2315349	Drill Core	5.73	0.457	3.54	85.69	8.92	171.3	342	4.4	5.7	196	1.33	13.5	1.5	372.0	7.8	110.4	1.44	0.41	0.28
2315350	Rock	1.04	<0.005	0.25	4.72	3.08	41.6	20	3.3	4.1	554	2.10	<0.1	1.7	33.6	5.9	65.6	0.02	0.03	0.05
2315351	Rock Pulp	0.06	4.694	11.14	38.70	10.62	72.1	729	33.2	5.6	354	1.79	372.0	2.2	74.4	2.1	42.3	0.67	33.33	0.26
2315352	Drill Core	6.14	1.018	6.10	98.48	7.05	67.2	343	6.4	6.4	213	1.65	73.6	1.5	530.6	7.0	157.6	0.82	0.28	0.68
2315353	Drill Core	6.18	0.504	14.58	191.99	8.31	45.8	490	4.4	8.0	218	1.83	518.9	2.1	613.0	6.8	196.1	0.55	0.43	0.92
2315354	Drill Core	4.51	0.431	31.17	144.13	9.03	102.9	464	5.3	6.0	228	1.68	42.0	1.5	789.8	5.6	253.2	1.05	0.24	1.35
2315355	Drill Core	4.58	0.189	16.41	35.33	7.79	31.0	90	7.1	5.0	189	1.51	5.3	2.6	198.5	9.2	183.5	0.27	0.17	0.16
2315356	Drill Core	6.28	0.199	22.30	62.99	8.29	28.4	114	5.6	4.0	156	1.22	28.2	2.5	111.5	9.7	168.2	0.30	0.20	0.22
2315357	Drill Core	6.43	0.266	39.12	52.13	10.55	38.8	157	4.7	3.3	182	1.28	21.0	2.3	444.5	9.5	170.9	0.34	0.73	0.20
2315358	Drill Core	6.36	1.620	49.25	26.71	11.51	25.9	297	4.1	3.3	194	1.04	34.0	2.5	633.2	9.4	114.5	0.24	0.21	0.75
2315359	Drill Core	6.16	0.272	39.60	135.75	6.70	40.4	266	5.1	4.7	213	1.37	130.8	2.2	298.6	4.4	134.8	0.32	0.27	0.60
2315360	Drill Core	7.09	0.644	27.54	63.97	9.18	43.0	210	4.3	3.0	166	0.92	30.2	3.7	727.1	10.7	160.8	0.40	0.24	0.56
2315361	Drill Core	2.98	0.343	17.32	69.43	10.11	25.7	150	5.0	2.4	153	0.96	13.4	4.4	352.7	14.8	113.6	0.23	0.37	0.54
2315362	Drill Core	3.50	0.441	15.68	53.87	9.15	22.2	156	3.5	1.9	128	0.66	12.3	4.6	512.3	15.2	113.5	0.29	0.24	0.78
2315363	Drill Core	6.69	0.652	17.83	18.13	10.60	28.3	236	3.9	1.8	186	0.95	12.3	4.6	757.9	15.8	121.0	0.30	0.22	0.56
2315364	Drill Core	6.62	0.347	21.60	13.30	6.78	12.9	249	1.8	0.6	71	0.32	2.0	2.5	2069.0	12.1	62.1	0.20	0.25	0.15
2315365	Drill Core	7.02	0.159	36.87	35.03	7.13	16.4	71	2.5	1.4	107	0.59	6.8	1.6	154.7	6.9	65.8	0.23	0.24	0.14
2315366	Drill Core	6.91	0.067	21.12	48.14	7.41	29.7	143	4.4	2.6	177	0.79	7.9	2.5	82.5	9.3	119.0	0.16	0.41	0.24
2315367	Drill Core	6.74	0.350	18.80	9.81	7.89	22.3	89	3.1	1.5	140	0.65	3.8	2.5	202.9	9.9	72.7	0.21	0.30	0.07
2315368	Drill Core	6.68	0.307	8.91	48.57	9.86	45.4	269	5.7	4.1	270	1.27	13.5	2.0	369.3	7.6	156.1	0.32	0.29	0.20
2315369	Drill Core	4.42	0.021	1.64	25.39	13.10	88.7	99	40.9	23.8	823	4.65	7.7	1.8	39.7	5.2	200.4	0.50	0.87	0.07
2315370	Rock Pulp	0.06	0.208	154.80	1853.11	23.12	62.4	2055	19.7	19.7	382	3.94	24.9	4.2	203.4	9.8	68.3	0.97	3.92	2.50
2315371	Rock	1.07	<0.005	0.21	4.01	3.60	42.2	31	3.5	4.1	580	2.07	0.2	1.9	19.0	5.9	71.1	<0.01	0.02	0.07
2315372	Drill Core	4.07	0.083	11.59	17.25	10.80	238.4	113	5.9	4.1	347	1.11	9.7	2.9	43.4	11.7	93.9	1.21	0.54	0.22
2315373	Drill Core	7.92	0.203	24.04	13.11	8.90	36.4	124	4.6	3.7	212	1.19	5.3	3.0	111.6	9.4	115.6	0.22	0.29	0.39

CERTIFICATE OF ANALYSIS

WHI13000248.2

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315344	Drill Core	1.98	0.089	5.2	20.2	1.46	106.4	0.170	<20	2.69	0.335	0.36	0.2	5.4	0.28	0.04	12	<0.1	0.07	7.2	3.93
2315345	Drill Core	2.08	0.085	6.1	26.8	1.27	48.6	0.102	<20	2.62	0.314	0.15	0.2	4.9	0.13	0.11	14	0.6	0.44	6.8	2.66
2315346	Drill Core	1.43	0.078	18.0	21.6	1.06	65.5	0.120	<20	2.10	0.271	0.19	0.3	4.2	0.15	<0.02	<5	<0.1	0.09	6.4	2.46
2315347	Drill Core	1.14	0.076	7.7	20.8	1.10	66.2	0.104	<20	1.91	0.233	0.28	0.2	3.8	0.18	0.05	8	0.3	0.25	6.6	2.64
2315348	Drill Core	1.49	0.092	6.6	24.1	1.33	85.9	0.169	<20	2.15	0.224	0.15	0.5	6.0	0.10	0.02	6	<0.1	0.08	6.9	2.10
2315349	Drill Core	1.36	0.114	8.5	20.8	1.34	81.3	0.192	<20	2.41	0.179	0.15	0.3	6.9	0.09	0.02	18	0.1	0.05	8.3	5.42
2315350	Rock	0.49	0.069	13.1	5.6	0.49	155.9	0.126	<20	0.96	0.109	0.50	<0.1	2.1	0.30	<0.02	<5	<0.1	<0.02	4.4	3.60
2315351	Rock Pulp	9.47	0.044	4.9	23.8	4.26	99.1	0.001	<20	0.26	0.010	0.11	25.1	3.2	0.88	1.24	4788	1.4	0.17	0.6	0.59
2315352	Drill Core	1.57	0.111	9.8	21.7	1.47	155.9	0.222	<20	2.68	0.286	0.21	0.2	6.8	0.12	0.06	12	0.3	0.12	9.1	2.59
2315353	Drill Core	1.95	0.111	9.5	21.9	1.53	60.3	0.208	21	2.99	0.320	0.12	0.2	6.6	0.06	0.09	10	0.9	1.14	10.0	1.90
2315354	Drill Core	2.15	0.107	12.4	22.0	1.63	143.3	0.224	<20	3.29	0.405	0.24	0.2	7.2	0.13	0.14	11	0.6	0.12	10.0	1.36
2315355	Drill Core	1.70	0.084	4.5	27.5	1.82	191.5	0.216	<20	3.10	0.399	0.60	0.4	8.4	0.51	<0.02	<5	<0.1	0.06	9.6	2.28
2315356	Drill Core	1.55	0.097	4.3	27.5	1.30	131.0	0.173	<20	2.48	0.345	0.41	0.4	6.3	0.34	0.03	<5	0.1	0.11	7.8	2.02
2315357	Drill Core	1.70	0.090	4.2	24.4	1.07	78.3	0.150	<20	2.54	0.345	0.27	0.5	5.0	0.19	0.04	5	<0.1	0.08	7.4	1.74
2315358	Drill Core	1.36	0.088	3.8	12.8	1.00	50.3	0.124	<20	1.78	0.207	0.19	0.4	4.6	0.13	0.11	<5	0.3	0.37	5.9	2.80
2315359	Drill Core	1.56	0.120	7.3	11.8	1.59	80.3	0.215	<20	2.34	0.329	0.41	0.4	7.5	0.23	0.04	<5	0.5	0.21	7.9	1.35
2315360	Drill Core	1.54	0.084	5.0	19.4	1.09	52.4	0.145	<20	2.34	0.346	0.24	0.4	5.6	0.14	0.03	<5	0.2	0.17	6.4	2.73
2315361	Drill Core	1.19	0.057	3.2	12.4	0.64	41.2	0.082	<20	1.80	0.260	0.09	0.9	2.6	0.06	0.03	<5	0.1	0.17	5.0	2.68
2315362	Drill Core	1.19	0.062	3.4	15.3	0.64	41.7	0.083	31	1.80	0.275	0.10	0.6	2.8	0.07	0.03	9	<0.1	0.16	4.8	2.78
2315363	Drill Core	1.22	0.061	3.2	12.9	0.61	62.2	0.071	<20	1.96	0.289	0.14	0.7	2.3	0.09	0.04	<5	<0.1	0.26	4.9	2.20
2315364	Drill Core	0.53	0.067	3.8	10.5	0.31	160.8	0.036	<20	1.14	0.143	0.36	0.8	1.8	0.19	<0.02	<5	<0.1	0.02	2.4	1.73
2315365	Drill Core	0.71	0.072	3.2	14.6	0.24	92.9	0.051	<20	1.04	0.166	0.16	1.0	1.6	0.09	0.03	9	<0.1	0.05	2.0	3.40
2315366	Drill Core	1.23	0.085	8.8	20.3	1.07	91.7	0.139	<20	2.14	0.234	0.26	0.8	5.4	0.14	<0.02	<5	<0.1	0.05	5.9	2.91
2315367	Drill Core	0.83	0.097	5.7	17.1	0.81	93.7	0.097	<20	1.39	0.163	0.27	0.6	4.2	0.18	<0.02	<5	<0.1	0.03	4.4	3.60
2315368	Drill Core	2.35	0.085	7.9	26.5	1.56	79.4	0.142	<20	2.90	0.269	0.28	0.3	6.5	0.21	<0.02	<5	<0.1	0.10	7.6	4.85
2315369	Drill Core	2.64	0.137	22.7	23.5	2.70	81.4	0.412	<20	3.33	0.081	0.09	0.4	5.5	0.10	0.08	6	0.1	<0.02	10.1	2.15
2315370	Rock Pulp	1.86	0.069	18.8	65.5	0.85	62.8	0.035	<20	1.35	0.051	0.49	1.8	5.7	0.26	1.80	92	2.7	0.44	4.1	1.64
2315371	Rock	0.53	0.072	14.0	7.8	0.50	156.3	0.136	<20	1.04	0.117	0.50	<0.1	2.0	0.31	<0.02	<5	<0.1	0.04	4.9	3.43
2315372	Drill Core	2.83	0.075	6.7	21.7	0.80	55.9	0.096	<20	2.27	0.125	0.24	0.3	3.5	0.29	<0.02	11	<0.1	0.07	6.0	9.66
2315373	Drill Core	1.58	0.084	4.4	27.6	1.33	105.0	0.214	<20	2.15	0.254	0.31	0.4	7.0	0.23	0.02	5	<0.1	0.21	6.6	3.19

CERTIFICATE OF ANALYSIS

WHI13000248.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315344	Drill Core	0.1	0.09	0.10	18.0	1.1	<0.05	2.2	9.28	13.3	<0.02	182	0.5	19.3	18	<2					
2315345	Drill Core	0.1	0.08	0.06	7.3	1.1	<0.05	2.1	9.12	16.5	0.03	16	0.5	16.8	<10	<2					
2315346	Drill Core	0.2	0.10	0.05	9.3	1.2	<0.05	2.2	9.92	39.5	0.02	11	0.8	13.4	<10	<2					
2315347	Drill Core	0.2	0.07	0.07	12.7	0.8	<0.05	1.5	8.21	18.7	0.03	12	0.3	10.3	<10	2					
2315348	Drill Core	0.2	0.11	0.12	7.4	0.7	<0.05	3.3	8.63	16.1	<0.02	16	0.3	15.7	12	<2					
2315349	Drill Core	0.2	0.14	0.10	6.4	0.6	<0.05	4.2	9.25	18.7	<0.02	<1	0.6	16.4	<10	<2					
2315350	Rock	<0.1	0.08	0.37	40.9	0.6	<0.05	1.2	5.18	24.6	<0.02	<1	0.2	28.3	<10	<2					
2315351	Rock Pulp	<0.1	0.04	<0.02	4.3	1.1	<0.05	1.2	7.95	8.6	0.04	11	0.3	3.6	<10	3					
2315352	Drill Core	0.2	0.11	0.15	8.1	0.8	<0.05	3.3	8.90	21.5	0.02	3	0.3	15.2	<10	<2					
2315353	Drill Core	0.3	0.10	0.14	4.8	0.9	<0.05	3.1	8.28	21.3	0.03	8	0.9	13.9	<10	<2					
2315354	Drill Core	0.3	0.10	0.13	9.5	1.1	<0.05	2.7	8.83	26.2	0.03	78	0.4	13.9	<10	<2					
2315355	Drill Core	0.3	0.09	0.13	26.4	0.8	<0.05	2.4	7.30	10.9	<0.02	13	0.8	13.0	<10	<2					
2315356	Drill Core	0.2	0.08	0.13	17.2	0.7	<0.05	2.0	7.53	11.4	<0.02	17	0.4	9.2	<10	<2					
2315357	Drill Core	0.2	0.08	0.11	11.5	0.7	<0.05	2.1	7.36	10.8	<0.02	64	0.3	10.2	10	<2					
2315358	Drill Core	<0.1	0.08	0.09	9.7	0.6	<0.05	2.3	7.06	10.1	<0.02	39	0.6	10.9	17	<2					
2315359	Drill Core	0.2	0.14	0.13	18.7	1.6	<0.05	3.1	9.25	20.8	<0.02	29	0.3	12.7	<10	<2					
2315360	Drill Core	0.2	0.10	0.10	10.6	2.5	<0.05	2.5	7.57	13.5	<0.02	32	0.4	10.8	<10	<2					
2315361	Drill Core	0.1	0.08	0.08	4.0	2.1	<0.05	2.2	5.11	7.3	<0.02	22	0.2	8.6	<10	<2					
2315362	Drill Core	0.2	0.08	0.09	4.5	0.6	<0.05	2.1	5.42	7.9	<0.02	26	0.4	9.4	<10	<2					
2315363	Drill Core	0.1	0.08	0.09	5.4	0.6	<0.05	2.2	5.83	7.2	<0.02	21	0.4	8.1	<10	<2					
2315364	Drill Core	<0.1	0.07	0.03	11.2	0.3	<0.05	2.1	5.55	8.6	<0.02	39	0.1	3.3	<10	<2	70.04	17.00	0.68	0.86	2.19
2315365	Drill Core	<0.1	0.06	0.06	6.3	0.4	<0.05	1.7	3.80	7.3	<0.02	30	0.1	2.9	<10	<2					
2315366	Drill Core	<0.1	0.12	0.10	10.3	0.5	<0.05	3.3	8.79	20.4	<0.02	35	0.2	11.7	<10	<2					
2315367	Drill Core	<0.1	0.11	0.10	12.9	0.5	<0.05	2.7	7.26	13.9	<0.02	26	0.3	8.3	<10	<2					
2315368	Drill Core	<0.1	0.08	0.07	13.9	0.5	<0.05	2.1	10.45	18.6	<0.02	12	0.7	19.2	<10	<2					
2315369	Drill Core	0.1	0.11	0.09	2.9	6.6	<0.05	8.8	14.10	50.1	0.02	7	0.7	25.8	11	<2					
2315370	Rock Pulp	<0.1	0.10	0.04	30.2	1.7	<0.05	3.2	9.62	34.1	0.05	39	0.4	7.3	37	<2					
2315371	Rock	<0.1	0.09	0.39	43.6	0.7	<0.05	1.4	5.77	28.0	0.02	<1	0.2	31.4	<10	<2					
2315372	Drill Core	<0.1	0.17	0.05	13.9	0.6	<0.05	5.6	8.01	15.0	0.02	39	0.7	10.9	<10	<2					
2315373	Drill Core	<0.1	0.07	0.17	14.4	0.6	<0.05	2.1	7.05	12.4	<0.02	42	0.4	17.2	<10	<2					

CERTIFICATE OF ANALYSIS

WHI13000248.2

	Method	Analyte	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
			Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
			%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
			MDL	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1
2315344	Drill Core																					
2315345	Drill Core																					
2315346	Drill Core																					
2315347	Drill Core																					
2315348	Drill Core																					
2315349	Drill Core																					
2315350	Rock																					
2315351	Rock Pulp																					
2315352	Drill Core																					
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2315356	Drill Core																					
2315357	Drill Core																					
2315358	Drill Core																					
2315359	Drill Core																					
2315360	Drill Core																					
2315361	Drill Core																					
2315362	Drill Core																					
2315363	Drill Core																					
2315364	Drill Core	2.48	4.14	0.63	0.19	0.01	0.005	<20	12	1.4	99.63	2377	1	<0.2	3.1	13.2	4.4	6.9	85.2	2	485.7	
2315365	Drill Core																					
2315366	Drill Core																					
2315367	Drill Core																					
2315368	Drill Core																					
2315369	Drill Core																					
2315370	Rock Pulp																					
2315371	Rock																					
2315372	Drill Core																					
2315373	Drill Core																					

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Vancouver BC V6C 0B3 CANADA

Project: 210800

Report Date: November 04, 2013

Page: 2 of 3

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000248.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315344	Drill Core																			
2315345	Drill Core																			
2315346	Drill Core																			
2315347	Drill Core																			
2315348	Drill Core																			
2315349	Drill Core																			
2315350	Rock																			
2315351	Rock Pulp																			
2315352	Drill Core																			
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2315359	Drill Core																			
2315360	Drill Core																			
2315361	Drill Core																			
2315362	Drill Core																			
2315363	Drill Core																			
2315364	Drill Core	0.6	12.9	4.6	113	11.9	139.9	9.5	7.7	13.8	1.67	6.8	1.56	0.40	1.74	0.26	1.68	0.34	1.02	0.17
2315365	Drill Core																			
2315366	Drill Core																			
2315367	Drill Core																			
2315368	Drill Core																			
2315369	Drill Core																			
2315370	Rock Pulp																			
2315371	Rock																			
2315372	Drill Core																			
2315373	Drill Core																			

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Page: 2 of 3

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000248.2

	Method Analyte Unit MDL																	
		4A-4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
2315344	Drill Core																	
2315345	Drill Core																	
2315346	Drill Core																	
2315347	Drill Core																	
2315348	Drill Core																	
2315349	Drill Core																	
2315350	Rock																	
2315351	Rock Pulp																	
2315352	Drill Core																	
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2315356	Drill Core																	
2315357	Drill Core																	
2315358	Drill Core																	
2315359	Drill Core																	
2315360	Drill Core																	
2315361	Drill Core																	
2315362	Drill Core																	
2315363	Drill Core																	
2315364	Drill Core	0.19	0.02	<0.02	20.8	11.4	6.5	14	1.7	2.4	0.2	0.3	0.1	<0.1	149.7	<0.01	0.2	<0.5
2315365	Drill Core																	
2315366	Drill Core																	
2315367	Drill Core																	
2315368	Drill Core																	
2315369	Drill Core																	
2315370	Rock Pulp																	
2315371	Rock																	
2315372	Drill Core																	
2315373	Drill Core																	

CERTIFICATE OF ANALYSIS

WHI13000248.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315374	Drill Core	6.51	0.103	45.53	43.44	9.41	52.4	196	3.1	2.2	188	0.84	14.0	4.8	157.8	13.6	127.0	0.57	0.42	0.23
2315375	Drill Core	7.06	0.172	53.08	57.19	38.62	178.9	1552	3.6	3.7	317	1.19	26.2	4.4	139.7	13.3	117.3	2.06	0.50	1.78
2315376	Drill Core	6.99	0.167	30.78	67.06	34.87	97.3	386	3.5	2.8	202	0.93	16.4	5.1	263.5	13.3	105.4	1.09	0.46	0.25
2315377	Drill Core	6.66	0.161	17.60	56.11	15.12	44.0	251	3.0	2.6	184	0.85	9.6	4.8	144.4	12.9	114.1	0.42	0.41	0.15
2315378	Drill Core	6.08	0.703	28.47	112.57	37.90	247.6	676	4.6	4.2	342	1.43	20.3	4.6	528.3	12.0	98.3	2.66	0.51	0.60
2315379	Drill Core	6.88	0.189	34.40	76.09	9.62	62.8	479	4.7	4.2	248	1.29	79.6	5.2	292.3	12.3	103.5	0.62	0.46	1.11
2315380	Drill Core	6.53	0.068	19.39	17.86	47.81	121.7	473	4.1	2.8	290	1.09	17.3	4.0	65.9	12.1	139.5	1.22	0.36	0.49
2315381	Drill Core	2.96	0.522	37.54	9.68	12.59	33.9	182	4.6	2.7	203	1.12	5.7	4.5	306.7	11.5	125.8	0.30	0.32	0.29
2315382	Drill Core	3.45	0.467	46.23	8.81	11.62	37.6	234	4.7	2.6	215	1.10	5.9	4.5	534.8	10.2	123.8	0.23	0.35	0.42
2315383	Drill Core	6.76	0.441	30.41	7.78	6.65	37.5	113	6.3	3.5	209	1.27	6.2	2.5	353.7	7.6	106.1	0.21	0.26	0.25
2315384	Drill Core	6.16	0.210	12.39	20.48	7.78	52.4	195	6.8	4.3	226	1.18	8.1	2.2	191.3	8.2	143.9	0.20	0.29	0.50
2315385	Drill Core	6.89	0.080	8.45	4.37	35.27	117.5	258	5.4	3.5	216	1.11	6.2	3.1	72.0	9.2	127.4	1.15	0.21	0.27
2315386	Drill Core	4.08	0.388	19.87	6.44	24.68	67.8	446	4.1	3.2	192	1.08	5.1	5.0	801.5	14.6	117.6	0.80	0.26	0.22
2315387	Drill Core	6.07	0.353	7.06	5.11	12.37	70.0	205	3.5	1.9	188	0.88	3.4	3.6	522.4	12.2	99.7	0.93	0.24	0.16
2315388	Drill Core	3.61	0.534	24.01	6.25	21.93	38.2	399	4.4	2.8	205	1.16	4.0	4.6	412.1	13.0	96.3	0.34	0.16	0.55
2315389	Drill Core	5.38	0.337	28.19	15.45	25.17	229.0	436	4.4	3.1	236	1.05	7.5	4.1	322.6	10.7	159.2	2.41	0.25	0.39
2315390	Rock Pulp	0.06	1.959	3.75	35.52	5.95	52.7	569	27.5	12.3	455	2.85	8.0	0.2	1485.2	0.9	44.0	0.19	0.86	0.16
2315391	Rock	0.80	<0.005	0.20	3.35	3.48	45.7	9	3.7	4.3	581	2.20	<0.1	1.5	<0.2	5.3	63.9	<0.01	<0.02	0.03
2315392	Drill Core	4.56	0.202	7.43	21.71	8.02	19.9	262	1.2	2.5	125	0.51	6.2	1.4	122.1	3.4	160.1	0.17	0.21	0.25
2315393	Drill Core	6.78	0.167	4.37	14.17	9.47	26.0	376	3.4	3.0	184	0.79	7.8	1.3	269.9	3.8	171.9	0.21	0.32	0.25
2315394	Drill Core	3.96	0.377	86.51	12.75	23.32	34.3	342	1.1	1.4	110	0.49	5.4	1.0	358.7	3.3	170.0	0.29	0.15	0.18
2315395	Drill Core	5.73	0.637	5.44	19.96	221.71	383.2	924	4.2	3.4	462	1.10	12.2	1.4	227.7	4.9	248.1	3.66	0.67	0.43
2315396	Drill Core	6.13	0.104	2.20	28.35	43.94	146.6	908	7.2	4.4	599	1.57	8.4	1.1	93.0	4.2	149.9	1.23	0.52	0.78
2315397	Drill Core	7.00	0.099	4.03	8.77	33.83	205.4	808	4.5	2.0	486	1.24	12.5	1.8	117.8	6.9	108.1	1.54	0.27	1.80
2315398	Drill Core	7.05	0.044	3.60	9.75	30.08	98.5	716	5.2	2.7	704	1.79	8.1	2.1	33.4	5.4	127.6	0.71	0.15	1.49
2315399	Drill Core	6.84	0.044	3.80	15.77	32.34	149.0	1007	11.4	3.4	714	2.07	5.7	2.2	28.3	6.6	115.4	1.31	0.14	2.05
2315400	Drill Core	6.51	0.044	4.41	35.27	64.60	411.9	960	13.8	4.9	770	2.34	11.9	2.0	30.7	5.4	136.1	4.61	0.27	1.39
2315401	Drill Core	6.30	0.065	2.52	21.10	35.62	160.9	889	5.6	3.3	536	1.81	11.4	2.3	47.4	7.0	161.4	1.60	0.19	2.64
2315402	Drill Core	3.80	0.044	5.00	8.15	17.88	83.2	340	5.5	1.8	456	1.57	4.2	2.9	25.1	7.9	132.7	0.63	0.21	1.16

CERTIFICATE OF ANALYSIS

WHI13000248.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315374	Drill Core	1.26	0.073	7.8	17.3	0.77	66.7	0.137	23	1.71	0.293	0.11	0.2	2.9	0.09	0.03	<5	0.3	0.09	5.4	2.04
2315375	Drill Core	1.64	0.075	18.0	18.0	0.87	132.8	0.123	<20	1.80	0.236	0.13	0.2	3.4	0.11	0.08	16	0.3	0.97	5.6	2.01
2315376	Drill Core	1.22	0.069	9.0	19.9	0.89	64.9	0.153	<20	1.60	0.260	0.10	0.2	3.8	0.08	0.04	11	<0.1	0.15	5.0	1.24
2315377	Drill Core	1.19	0.071	11.8	16.5	0.65	42.0	0.135	<20	1.45	0.274	0.08	0.3	3.0	0.06	0.03	<5	<0.1	0.08	4.8	0.98
2315378	Drill Core	1.25	0.074	7.5	14.8	1.05	49.5	0.118	<20	1.72	0.227	0.09	0.2	4.1	0.09	0.06	14	0.4	0.31	5.5	1.32
2315379	Drill Core	1.29	0.083	5.7	15.8	0.92	36.6	0.123	<20	1.60	0.230	0.07	0.3	3.5	0.06	0.07	10	0.5	0.93	5.2	1.01
2315380	Drill Core	1.57	0.069	6.1	12.9	0.93	32.0	0.113	<20	1.84	0.217	0.09	0.2	2.9	0.09	0.03	7	0.2	0.37	5.5	1.85
2315381	Drill Core	1.52	0.077	3.9	14.4	0.83	54.3	0.140	<20	1.90	0.242	0.15	0.3	3.0	0.12	<0.02	<5	<0.1	0.17	5.9	2.02
2315382	Drill Core	1.56	0.083	4.2	13.6	0.87	46.7	0.141	<20	1.90	0.233	0.12	0.3	3.1	0.10	<0.02	17	<0.1	0.40	5.7	2.09
2315383	Drill Core	1.41	0.096	6.0	20.3	1.33	81.1	0.191	<20	2.01	0.218	0.15	0.2	4.2	0.11	0.03	<5	<0.1	0.13	7.5	1.50
2315384	Drill Core	1.52	0.095	5.4	22.0	1.38	57.2	0.165	<20	2.29	0.176	0.08	0.1	3.7	0.04	<0.02	13	0.2	0.54	8.1	2.32
2315385	Drill Core	1.46	0.088	5.3	17.2	1.12	53.7	0.162	<20	1.94	0.158	0.11	0.2	4.1	0.08	<0.02	14	0.1	0.15	6.8	2.32
2315386	Drill Core	1.24	0.071	3.5	12.5	0.92	39.2	0.152	<20	1.64	0.171	0.09	0.2	4.2	0.06	<0.02	15	0.2	0.12	5.4	1.77
2315387	Drill Core	2.03	0.073	3.3	11.4	0.82	64.4	0.119	<20	2.30	0.158	0.16	0.3	4.0	0.10	<0.02	12	0.1	0.13	6.2	2.82
2315388	Drill Core	1.20	0.072	4.5	13.3	0.91	62.1	0.149	<20	1.75	0.191	0.15	0.2	4.6	0.09	<0.02	14	<0.1	0.21	5.3	1.80
2315389	Drill Core	1.42	0.085	4.8	14.2	0.87	39.8	0.115	<20	1.76	0.240	0.09	0.2	4.2	0.06	0.03	9	0.2	0.13	5.7	2.26
2315390	Rock Pulp	0.88	0.063	4.6	32.2	0.87	115.1	0.118	<20	1.75	0.100	0.16	12.8	5.1	0.06	0.04	108	0.1	0.05	5.3	0.46
2315391	Rock	0.55	0.071	14.1	6.3	0.54	167.3	0.122	<20	1.02	0.101	0.53	<0.1	2.8	0.33	<0.02	11	<0.1	<0.02	4.9	3.48
2315392	Drill Core	1.39	0.111	8.6	7.2	0.32	27.2	0.087	26	1.39	0.254	0.04	0.2	2.2	0.03	<0.02	8	0.4	0.19	3.7	1.26
2315393	Drill Core	1.83	0.110	10.7	13.4	0.71	45.0	0.127	103	2.02	0.296	0.06	0.2	3.6	0.04	<0.02	10	<0.1	0.25	5.5	2.36
2315394	Drill Core	1.34	0.097	11.0	6.0	0.28	52.1	0.081	<20	1.43	0.276	0.04	0.2	2.4	0.03	0.03	13	0.1	0.12	3.1	1.90
2315395	Drill Core	2.70	0.088	8.1	15.3	1.23	89.3	0.115	111	2.63	0.236	0.06	0.2	3.8	0.05	0.05	12	0.1	0.47	7.5	2.89
2315396	Drill Core	2.07	0.094	6.6	37.9	1.94	65.9	0.144	<20	2.84	0.260	0.08	0.3	6.5	0.05	<0.02	6	<0.1	0.53	8.8	2.28
2315397	Drill Core	2.27	0.093	5.2	12.2	1.14	64.9	0.055	<20	2.33	0.151	0.12	0.2	2.9	0.12	<0.02	14	<0.1	0.85	6.1	3.67
2315398	Drill Core	2.71	0.121	6.8	18.0	1.68	51.5	0.075	<20	2.71	0.196	0.11	0.3	4.8	0.10	0.05	14	0.3	0.63	7.7	2.35
2315399	Drill Core	2.12	0.080	6.5	89.6	1.94	46.0	0.047	<20	2.70	0.167	0.10	0.1	5.8	0.10	0.02	8	0.3	1.18	7.5	2.11
2315400	Drill Core	2.31	0.080	7.5	107.5	2.29	40.4	0.082	<20	2.81	0.192	0.07	0.2	7.1	0.06	0.10	6	0.5	0.50	8.2	1.31
2315401	Drill Core	1.71	0.081	6.9	19.0	1.53	96.8	0.071	<20	2.44	0.217	0.10	0.2	4.4	0.10	0.09	13	0.4	1.26	6.7	2.07
2315402	Drill Core	1.31	0.080	4.8	24.4	1.33	108.3	0.055	<20	2.07	0.163	0.12	0.2	2.7	0.10	0.02	15	0.3	0.52	6.0	3.03

CERTIFICATE OF ANALYSIS

WHI13000248.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315374	Drill Core	0.2	0.15	0.20	5.6	1.7	<0.05	3.2	10.41	25.2	<0.02	140	0.3	9.6	11	<2					
2315375	Drill Core	<0.1	0.12	0.19	6.9	1.7	<0.05	3.5	11.98	42.4	<0.02	146	0.3	14.9	13	<2					
2315376	Drill Core	0.1	0.14	0.23	5.6	1.5	<0.05	3.1	8.29	26.7	<0.02	67	0.2	13.5	<10	<2					
2315377	Drill Core	0.2	0.16	0.23	4.6	1.7	<0.05	3.1	8.11	32.5	0.02	36	0.4	9.2	<10	<2					
2315378	Drill Core	0.1	0.11	0.12	5.6	2.0	<0.05	2.4	9.70	21.7	0.07	45	0.5	15.3	<10	<2					
2315379	Drill Core	0.2	0.10	0.16	4.4	1.1	<0.05	2.5	7.11	15.4	0.04	50	0.2	12.1	<10	<2					
2315380	Drill Core	0.1	0.09	0.15	5.6	0.9	<0.05	2.6	7.17	17.3	<0.02	18	0.4	12.6	<10	<2	67.09	15.47	2.14	2.14	5.41
2315381	Drill Core	<0.1	0.12	0.17	7.6	0.6	<0.05	3.5	4.97	10.0	<0.02	30	0.5	12.1	11	<2					
2315382	Drill Core	<0.1	0.15	0.17	7.0	0.5	<0.05	3.4	4.99	10.2	<0.02	29	0.3	12.9	14	<2					
2315383	Drill Core	<0.1	0.15	0.22	7.6	0.8	<0.05	5.7	6.40	15.4	<0.02	29	0.2	13.2	<10	<2					
2315384	Drill Core	0.1	0.21	0.14	4.5	0.5	<0.05	6.6	6.44	14.1	<0.02	4	0.4	16.8	<10	<2					
2315385	Drill Core	<0.1	0.23	0.16	6.5	0.3	<0.05	7.5	6.69	13.9	0.03	34	0.4	15.7	<10	<2					
2315386	Drill Core	<0.1	0.16	0.14	4.8	0.8	<0.05	4.9	4.51	8.6	<0.02	26	0.5	12.5	<10	<2					
2315387	Drill Core	<0.1	0.16	0.06	8.0	0.3	<0.05	4.9	5.27	9.3	<0.02	<1	0.5	7.6	<10	<2					
2315388	Drill Core	0.3	0.10	0.14	7.5	0.5	<0.05	3.4	3.76	10.0	<0.02	9	0.3	10.7	<10	<2					
2315389	Drill Core	0.2	0.15	0.09	4.9	0.7	<0.05	3.8	6.50	13.4	0.04	3	0.5	10.7	<10	<2					
2315390	Rock Pulp	<0.1	0.15	0.03	5.5	0.5	<0.05	4.2	6.94	10.1	<0.02	<1	0.3	10.5	<10	<2					
2315391	Rock	<0.1	0.08	0.32	48.9	0.6	<0.05	1.3	5.61	26.2	<0.02	<1	0.3	30.6	<10	3					
2315392	Drill Core	<0.1	0.09	0.07	1.6	1.1	<0.05	2.2	5.23	23.2	<0.02	<1	0.2	2.5	<10	<2					
2315393	Drill Core	0.2	0.12	0.05	2.6	1.0	<0.05	1.9	5.45	24.8	<0.02	2	0.5	7.7	<10	<2					
2315394	Drill Core	<0.1	0.08	0.05	1.8	1.0	<0.05	1.7	4.29	24.0	<0.02	8	<0.1	1.7	<10	<2					
2315395	Drill Core	0.2	0.20	0.08	2.9	3.4	<0.05	5.1	7.93	25.6	0.03	<1	0.5	15.2	12	<2					
2315396	Drill Core	0.2	0.15	0.05	4.5	1.5	<0.05	3.7	8.59	18.1	0.03	<1	0.5	28.3	<10	3					
2315397	Drill Core	<0.1	0.07	0.03	5.9	0.7	<0.05	2.6	7.14	13.0	0.03	<1	0.5	16.3	<10	<2					
2315398	Drill Core	<0.1	0.14	0.03	5.0	1.2	<0.05	3.9	10.92	16.6	<0.02	<1	0.5	19.2	<10	<2					
2315399	Drill Core	0.1	0.13	<0.02	4.5	1.0	<0.05	3.6	9.60	17.5	0.05	2	0.4	21.0	<10	<2					
2315400	Drill Core	0.1	0.15	0.06	3.3	1.8	<0.05	3.9	11.08	22.7	0.09	4	0.5	27.8	<10	4					
2315401	Drill Core	0.1	0.07	0.04	4.8	1.3	<0.05	2.6	10.50	20.0	0.04	2	0.3	19.6	<10	<2					
2315402	Drill Core	<0.1	0.11	0.04	6.1	0.8	<0.05	3.4	8.15	13.3	0.02	<1	0.7	16.9	<10	2					

CERTIFICATE OF ANALYSIS

WHI13000248.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315374	Drill Core																				
2315375	Drill Core																				
2315376	Drill Core																				
2315377	Drill Core																				
2315378	Drill Core																				
2315379	Drill Core																				
2315380	Drill Core	3.28	0.95	0.52	0.18	0.05	0.003	<20	11	2.6	99.80	332	1	1.8	2.9	16.3	3.9	6.6	34.6	3	667.8
2315381	Drill Core																				
2315382	Drill Core																				
2315383	Drill Core																				
2315384	Drill Core																				
2315385	Drill Core																				
2315386	Drill Core																				
2315387	Drill Core																				
2315388	Drill Core																				
2315389	Drill Core																				
2315390	Rock Pulp																				
2315391	Rock																				
2315392	Drill Core																				
2315393	Drill Core																				
2315394	Drill Core																				
2315395	Drill Core																				
2315396	Drill Core																				
2315397	Drill Core																				
2315398	Drill Core																				
2315399	Drill Core																				
2315400	Drill Core																				
2315401	Drill Core																				
2315402	Drill Core																				

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Client: **Teck Resources Limited**

Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800

Report Date: November 04, 2013

Page: 3 of 3

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000248.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315374	Drill Core																			
2315375	Drill Core																			
2315376	Drill Core																			
2315377	Drill Core																			
2315378	Drill Core																			
2315379	Drill Core																			
2315380	Drill Core	0.6	13.5	6.3	89	1.0	126.7	17.3	14.6	40.6	5.55	22.6	4.43	1.25	3.91	0.56	3.29	0.62	2.01	0.26
2315381	Drill Core																			1.99
2315382	Drill Core																			
2315383	Drill Core																			
2315384	Drill Core																			
2315385	Drill Core																			
2315386	Drill Core																			
2315387	Drill Core																			
2315388	Drill Core																			
2315389	Drill Core																			
2315390	Rock Pulp																			
2315391	Rock																			
2315392	Drill Core																			
2315393	Drill Core																			
2315394	Drill Core																			
2315395	Drill Core																			
2315396	Drill Core																			
2315397	Drill Core																			
2315398	Drill Core																			
2315399	Drill Core																			
2315400	Drill Core																			
2315401	Drill Core																			
2315402	Drill Core																			

Acme Analytical Laboratories (Vancouver) Ltd.

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Page: 3 of 3

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000248.2

	Method Analyte Unit MDL	4A-4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se	
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5	
2315374	Drill Core																		
2315375	Drill Core																		
2315376	Drill Core																		
2315377	Drill Core																		
2315378	Drill Core																		
2315379	Drill Core																		
2315380	Drill Core	0.28	0.15	0.03	19.9	16.4	47.1	119	4.0	17.0	1.1	0.4	0.4	0.5	59.5	<0.01	<0.1	<0.5	
2315381	Drill Core																		
2315382	Drill Core																		
2315383	Drill Core																		
2315384	Drill Core																		
2315385	Drill Core																		
2315386	Drill Core																		
2315387	Drill Core																		
2315388	Drill Core																		
2315389	Drill Core																		
2315390	Rock Pulp																		
2315391	Rock																		
2315392	Drill Core																		
2315393	Drill Core																		
2315394	Drill Core																		
2315395	Drill Core																		
2315396	Drill Core																		
2315397	Drill Core																		
2315398	Drill Core																		
2315399	Drill Core																		
2315400	Drill Core																		
2315401	Drill Core																		
2315402	Drill Core																		

QUALITY CONTROL REPORT

WHI13000248.2

Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
Pulp Duplicates																				
2315372 Drill Core	4.07	0.083	11.59	17.25	10.80	238.4	113	5.9	4.1	347	1.11	9.7	2.9	43.4	11.7	93.9	1.21	0.54	0.22	41
REP 2315372 QC		0.083																		
2315373 Drill Core	7.92	0.203	24.04	13.11	8.90	36.4	124	4.6	3.7	212	1.19	5.3	3.0	111.6	9.4	115.6	0.22	0.29	0.39	80
REP 2315373 QC			26.02	13.34	8.96	39.9	142	5.1	3.5	226	1.21	5.8	3.2	178.2	9.8	123.4	0.28	0.29	0.37	81
2315380 Drill Core	6.53	0.068	19.39	17.86	47.81	121.7	473	4.1	2.8	290	1.09	17.3	4.0	65.9	12.1	139.5	1.22	0.36	0.49	45
REP 2315380 QC																				
2315381 Drill Core	2.96	0.522	37.54	9.68	12.59	33.9	182	4.6	2.7	203	1.12	5.7	4.5	306.7	11.5	125.8	0.30	0.32	0.29	46
REP 2315381 QC		0.525																		
2315402 Drill Core	3.80	0.044	5.00	8.15	17.88	83.2	340	5.5	1.8	456	1.57	4.2	2.9	25.1	7.9	132.7	0.63	0.21	1.16	41
REP 2315402 QC			4.89	7.13	18.33	81.9	349	5.1	2.0	434	1.57	4.4	2.9	37.1	8.2	127.7	0.77	0.20	1.04	40
Core Reject Duplicates																				
2315385 Drill Core	6.89	0.080	8.45	4.37	35.27	117.5	258	5.4	3.5	216	1.11	6.2	3.1	72.0	9.2	127.4	1.15	0.21	0.27	65
DUP 2315385 QC		0.081	7.60	4.25	35.48	120.7	275	5.5	3.5	228	1.15	6.0	3.4	43.3	9.7	127.7	1.19	0.19	0.26	68
Reference Materials																				
STD DS10 Standard																				
STD DS9 Standard			13.34	111.27	124.44	285.8	1590	43.6	8.2	554	2.39	24.4	2.4	125.2	6.1	71.1	2.27	4.11	6.35	40
STD DS9 Standard			12.69	110.33	128.54	299.1	1794	42.3	7.5	565	2.31	26.7	2.6	109.5	5.6	69.6	2.28	3.56	6.25	40
STD GS311-1 Standard																				
STD GS910-4 Standard																				
STD OREAS45EA Standard			1.39	662.47	13.76	26.7	254	378.5	53.9	374	22.39	7.8	1.6	90.8	9.7	3.7	0.04	0.20	0.22	322
STD OREAS45EA Standard			0.99	708.58	14.65	27.1	290	375.6	53.9	379	22.38	5.9	1.7	65.9	9.9	3.5	0.02	0.12	0.28	300
STD OREAS45EA Standard																				
STD OXC109 Standard		0.207																		
STD OXI96 Standard		1.812																		
STD OXL93 Standard		5.725																		
STD SO-18 Standard																				
STD SO-18 Standard																				
STD OXC109 Expected		0.201																		

QUALITY CONTROL REPORT

WHI13000248.2

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																					
2315372	Drill Core	2.83	0.075	6.7	21.7	0.80	55.9	0.096	<20	2.27	0.125	0.24	0.3	3.5	0.29	<0.02	11	<0.1	0.07	6.0	9.66
REP 2315372	QC																				
2315373	Drill Core	1.58	0.084	4.4	27.6	1.33	105.0	0.214	<20	2.15	0.254	0.31	0.4	7.0	0.23	0.02	5	<0.1	0.21	6.6	3.19
REP 2315373	QC	1.64	0.084	4.5	28.1	1.37	106.0	0.222	<20	2.17	0.261	0.31	0.4	7.6	0.22	0.02	<5	<0.1	0.22	7.0	3.17
2315380	Drill Core	1.57	0.069	6.1	12.9	0.93	32.0	0.113	<20	1.84	0.217	0.09	0.2	2.9	0.09	0.03	7	0.2	0.37	5.5	1.85
REP 2315380	QC																				
2315381	Drill Core	1.52	0.077	3.9	14.4	0.83	54.3	0.140	<20	1.90	0.242	0.15	0.3	3.0	0.12	<0.02	<5	<0.1	0.17	5.9	2.02
REP 2315381	QC																				
2315402	Drill Core	1.31	0.080	4.8	24.4	1.33	108.3	0.055	<20	2.07	0.163	0.12	0.2	2.7	0.10	0.02	15	0.3	0.52	6.0	3.03
REP 2315402	QC	1.30	0.074	5.3	24.2	1.32	115.1	0.056	<20	2.07	0.164	0.12	0.2	2.9	0.12	0.02	7	<0.1	0.61	6.1	3.23
Core Reject Duplicates																					
2315385	Drill Core	1.46	0.088	5.3	17.2	1.12	53.7	0.162	<20	1.94	0.158	0.11	0.2	4.1	0.08	<0.02	14	0.1	0.15	6.8	2.32
DUP 2315385	QC	1.51	0.095	5.7	18.0	1.17	54.6	0.173	<20	1.97	0.157	0.11	0.2	4.6	0.07	<0.02	7	0.1	0.13	6.5	2.49
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard	0.72	0.084	12.8	118.7	0.63	262.0	0.115	<20	0.96	0.079	0.39	2.7	2.1	4.87	0.17	231	5.0	4.88	4.4	2.27
STD DS9	Standard	0.71	0.083	11.3	110.4	0.64	300.0	0.097	<20	0.92	0.079	0.40	3.2	2.3	5.30	0.17	198	5.6	4.57	4.5	2.27
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	0.04	0.027	6.9	776.5	0.10	142.1	0.091	<20	3.13	0.014	0.06	<0.1	68.5	<0.02	0.04	10	0.9	0.04	11.3	0.61
STD OREAS45EA	Standard	0.04	0.028	6.3	751.5	0.09	145.4	0.081	<20	3.03	0.024	0.05	<0.1	76.8	<0.02	0.04	22	0.3	0.11	11.2	0.56
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OXC109 Expected																					

QUALITY CONTROL REPORT

WHI13000248.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
Pulp Duplicates																					
2315372	Drill Core	<0.1	0.17	0.05	13.9	0.6	<0.05	5.6	8.01	15.0	0.02	39	0.7	10.9	<10	<2					
REP 2315372	QC																				
2315373	Drill Core	<0.1	0.07	0.17	14.4	0.6	<0.05	2.1	7.05	12.4	<0.02	42	0.4	17.2	<10	<2					
REP 2315373	QC	0.1	0.10	0.18	15.9	0.7	<0.05	2.2	7.60	12.2	<0.02	28	0.6	18.7	<10	<2					
2315380	Drill Core	0.1	0.09	0.15	5.6	0.9	<0.05	2.6	7.17	17.3	<0.02	18	0.4	12.6	<10	<2	67.09	15.47	2.14	2.14	5.41
REP 2315380	QC																66.96	15.60	2.06	2.14	5.46
2315381	Drill Core	<0.1	0.12	0.17	7.6	0.6	<0.05	3.5	4.97	10.0	<0.02	30	0.5	12.1	11	<2					
REP 2315381	QC																				
2315402	Drill Core	<0.1	0.11	0.04	6.1	0.8	<0.05	3.4	8.15	13.3	0.02	<1	0.7	16.9	<10	2					
REP 2315402	QC	<0.1	0.09	0.03	5.7	0.8	<0.05	3.1	7.26	13.3	0.03	4	0.4	15.8	<10	3					
Core Reject Duplicates																					
2315385	Drill Core	<0.1	0.23	0.16	6.5	0.3	<0.05	7.5	6.69	13.9	0.03	34	0.4	15.7	<10	<2					
DUP 2315385	QC	<0.1	0.22	0.10	6.4	0.5	<0.05	7.1	6.44	14.5	<0.02	16	0.1	14.8	<10	<2					
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard	<0.1	0.07	0.84	32.5	6.3	<0.05	1.8	5.30	24.7	2.02	54	5.3	23.5	114	326					
STD DS9	Standard	<0.1	0.06	0.73	34.4	6.1	<0.05	1.5	4.78	21.3	2.21	48	5.0	26.1	111	344					
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	0.3	0.57	0.09	7.1	0.8	<0.05	20.1	4.77	17.4	0.09	<1	0.4	1.9	85	101					
STD OREAS45EA	Standard	0.3	0.68	0.06	7.1	0.8	<0.05	20.4	5.01	18.1	0.09	<1	0.4	2.1	66	106					
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard																58.45	13.96	7.58	3.35	6.31
STD SO-18	Standard																58.48	13.84	7.63	3.33	6.32
STD OXC109 Expected																					

QUALITY CONTROL REPORT

WHI13000248.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1
Pulp Duplicates																					
2315372	Drill Core																				
REP 2315372	QC																				
2315373	Drill Core																				
REP 2315373	QC																				
2315380	Drill Core	3.28	0.95	0.52	0.18	0.05	0.003	<20	11	2.6	99.80	332	1	1.8	2.9	16.3	3.9	6.6	34.6	3	667.8
REP 2315380	QC	3.31	0.94	0.53	0.17	0.04	0.004	<20	10	2.6	99.80	319	<1	2.1	2.5	16.1	3.2	6.2	35.3	3	670.7
2315381	Drill Core																				
REP 2315381	QC																				
2315402	Drill Core																				
REP 2315402	QC																				
Core Reject Duplicates																					
2315385	Drill Core																				
DUP 2315385	QC																				
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard	3.64	2.14	0.69	0.79	0.40	0.541	43	24	1.9	99.75	484	1	24.4	6.5	16.7	8.3	19.1	27.1	12	390.2
STD SO-18	Standard	3.68	2.15	0.69	0.79	0.40	0.542	42	24	1.9	99.75	489	<1	23.3	6.5	16.8	8.3	18.6	26.2	13	386.6
STD OXC109 Expected																					

QUALITY CONTROL REPORT

WHI13000248.2

Method Analyte Unit MDL		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01	0.05
Pulp Duplicates																					
2315372	Drill Core																				
REP 2315372	QC																				
2315373	Drill Core																				
REP 2315373	QC																				
2315380	Drill Core	0.6	13.5	6.3	89	1.0	126.7	17.3	14.6	40.6	5.55	22.6	4.43	1.25	3.91	0.56	3.29	0.62	2.01	0.26	1.99
REP 2315380	QC	0.5	13.8	6.8	91	0.9	126.6	17.4	14.3	38.5	5.38	23.5	4.09	1.19	3.97	0.52	3.29	0.66	1.79	0.24	1.64
2315381	Drill Core																				
REP 2315381	QC																				
2315402	Drill Core																				
REP 2315402	QC																				
Core Reject Duplicates																					
2315385	Drill Core																				
DUP 2315385	QC																				
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard	6.2	10.0	15.5	191	13.6	282.9	29.4	12.8	26.5	3.09	12.5	3.00	0.95	2.98	0.44	2.95	0.65	1.76	0.26	1.73
STD SO-18	Standard	6.2	9.4	15.4	196	16.0	278.1	28.6	12.0	25.1	3.17	12.2	2.63	0.70	2.96	0.47	2.91	0.58	1.65	0.30	1.62
STD OXC109 Expected																					

Acme Analytical Laboratories (Vancouver) Ltd.

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Project: 210800

Report Date: November 04, 2013

Page: 1 of 2

Part: 6 of 6

QUALITY CONTROL REPORT

WHI13000248.2

Method		4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
Unit		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
MDL		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
Pulp Duplicates																		
2315372	Drill Core																	
REP 2315372	QC																	
2315373	Drill Core																	
REP 2315373	QC																	
2315380	Drill Core	0.28	0.15	0.03	19.9	16.4	47.1	119	4.0	17.0	1.1	0.4	0.4	0.5	59.5	<0.01	<0.1	<0.5
REP 2315380	QC	0.27			21.1	16.7	46.6	119	4.1	16.5	1.1	0.4	0.4	0.5	61.0	<0.01	<0.1	<0.5
2315381	Drill Core																	
REP 2315381	QC																	
2315402	Drill Core																	
REP 2315402	QC																	
Core Reject Duplicates																		
2315385	Drill Core																	
DUP 2315385	QC																	
Reference Materials																		
STD DS10	Standard				15.1	144.8	174.7	368	80.0	42.7	2.6	6.4	11.4	2.3	92.8	0.36	5.5	2.4
STD DS9	Standard																	
STD DS9	Standard																	
STD GS311-1	Standard		0.99	2.28														
STD GS910-4	Standard		2.63	8.42														
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard				1.5	660.4	13.7	28	368.4	7.8	<0.1	0.2	0.3	0.3	61.1	<0.01	0.2	0.5
STD OXC109	Standard																	
STD OXI96	Standard																	
STD OXL93	Standard																	
STD SO-18	Standard	0.25																
STD SO-18	Standard	0.29																
STD OXC109 Expected																		

QUALITY CONTROL REPORT

WHI13000248.2

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
STD OXI96 Expected		1.802																		
STD OXL93 Expected		5.841																		
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32
STD DS10 Expected																				40
STD OREAS45EA Expected				1.39	709	14.3	28.9	260	381	52	400	23.51	9.1	1.73	53	10.7	3.5	0.02	0.2	0.26
STD GS311-1 Expected																				303
STD GS910-4 Expected																				
STD SO-18 Expected																				
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.01	<0.01	<0.01	<0.1	4	<0.1	<0.1	<1	<0.01	<0.1	<0.1	0.6	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank			<0.01	0.05	0.01	<0.1	8	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1-WHI	Prep Blank	<0.005	0.13	3.42	3.41	42.3	11	2.9	4.1	552	2.02	<0.1	2.1	1.8	6.2	62.7	0.04	0.05	0.12	33
G1-WHI	Prep Blank	<0.005	0.19	5.19	3.31	40.2	13	3.3	4.3	574	2.09	0.3	1.8	2.1	5.3	60.6	0.02	0.03	0.07	35

QUALITY CONTROL REPORT

WHI13000248.2

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS9 Expected		0.7201	0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37
STD DS10 Expected																					
STD OREAS45EA Expected		0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053		78	0.072	0.036	10	0.63	0.07	11.7	0.63
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	0.8	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank	0.46	0.070	12.2	4.8	0.48	164.7	0.122	<20	0.92	0.091	0.47	<0.1	1.9	0.28	<0.02	<5	<0.1	<0.02	4.4	3.20
G1-WHI	Prep Blank	0.47	0.068	11.2	5.2	0.49	153.0	0.123	<20	0.95	0.097	0.49	<0.1	2.0	0.29	<0.02	6	<0.1	<0.02	4.4	3.16

QUALITY CONTROL REPORT

WHI13000248.2

	1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01
STD OXI96 Expected																				
STD OXL93 Expected																				
STD DS9 Expected	0.1	0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350					
STD DS10 Expected																				
STD OREAS45EA Expected	0.26	0.57	0.06	7.04	0.83		20	5.09	17.7	0.08		0.41	2.37	66	108					
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD SO-18 Expected																58.47	14.23	7.67	3.35	6.42
BLK Blank																				
BLK Blank																				
BLK Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2					
BLK Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2					
BLK Blank																				
BLK Blank																				
BLK Blank																<0.01	<0.01	<0.04	<0.01	<0.01
Prep Wash																				
G1-WHI Prep Blank	<0.1	0.07	0.34	41.7	0.5	<0.05	1.1	4.84	22.4	0.02	<1	0.2	30.2	<10	<2					
G1-WHI Prep Blank	<0.1	0.07	0.33	41.8	0.6	<0.05	1.1	4.65	20.9	<0.02	<1	0.3	28.7	<10	<2					

QUALITY CONTROL REPORT

WHI13000248.2

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1
STD OXI96 Expected																				
STD OXL93 Expected																				
STD DS9 Expected																				
STD DS10 Expected																				
STD OREAS45EA Expected																				
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD SO-18 Expected		3.71	2.17	0.69	0.83	0.39	0.55	44	25			514		26.2	7.1	17.6	9.8	21.3	28.7	15
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1	<0.5	<0.1	0.2	0.5	<1
Prep Wash																				
G1-WHI	Prep Blank																			
G1-WHI	Prep Blank																			

QUALITY CONTROL REPORT

WHI13000248.2

		4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05	4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05	4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS9 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected		7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93	0.53	3	0.62	1.84	0.27	1.79
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<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	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05
Prep Wash																					
G1-WHI	Prep Blank																				
G1-WHI	Prep Blank																				

QUALITY CONTROL REPORT

WHI13000248.2

		4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
STD OXI96 Expected																		
STD OXL93 Expected																		
STD DS9 Expected																		
STD DS10 Expected					14.69	154.61	150.55	352.9	74.6	43.7	2.48	9.51	11.65	1.96	91.9	0.289	4.79	2.3
STD OREAS45EA Expected					1.39	709	14.3	28.9	381	9.1	0.02	0.2	0.26	0.26	53		0.072	0.6
STD GS311-1 Expected			1.02	2.35														
STD GS910-4 Expected			2.65	8.27														
STD SO-18 Expected		0.27																
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank		<0.02	<0.02														
BLK	Blank	<0.01																
Prep Wash																		
G1-WHI	Prep Blank																	
G1-WHI	Prep Blank																	

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Whitehorse
Received: August 16, 2013
Report Date: November 01, 2013
Page: 1 of 4

CERTIFICATE OF ANALYSIS

WHI13000309.2

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_011
P.O. Number
Number of Samples: 75

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

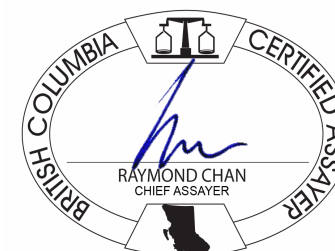
CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	72	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
G601	75	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
1F04	75	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
4AB1	7	Whole Rock Analysis Majors and Trace Elements	0.2	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 4AB1 included.



CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method Analyte Unit MDL	WGHT Wgt kg 0.01	G6 Au ppm 0.005	1F Mo ppm 0.01	1F Cu ppm 0.01	1F Pb ppm 0.01	1F Zn ppm 0.1	1F Ag ppb 2	1F Ni ppm 0.1	1F Co ppm 0.1	1F Mn ppm 1	1F Fe % 0.01	1F As ppm 0.1	1F U ppm 0.1	1F Au ppb 0.2	1F Th ppm 0.1	1F Sr ppm 0.5	1F Cd ppm 0.01	1F Sb ppm 0.02	1F Bi ppm 0.02	1F V ppm 2
2315452	Drill Core	3.02	0.093	1.24	46.22	147.40	237.0	476	18.4	9.4	968	2.02	76.2	2.2	74.7	14.2	39.9	17.76	0.62	0.53	59
2315453	Drill Core	6.82	0.120	4.28	399.75	9.48	50.5	1095	16.7	10.5	334	1.35	47.2	1.2	103.4	6.9	63.4	2.11	1.44	0.33	17
2315454	Drill Core	6.49	0.051	0.95	98.05	7.52	53.4	835	9.5	7.8	369	1.51	30.2	1.3	96.5	7.6	93.4	4.25	0.73	0.21	48
2315455	Drill Core	6.07	0.167	48.33	254.86	13.78	66.6	958	28.4	13.8	328	3.87	29.9	1.2	243.4	4.1	233.2	1.16	2.22	0.18	156
2315456	Drill Core	6.78	0.128	2.25	68.92	13.61	129.5	388	12.2	9.4	348	1.19	30.1	1.2	76.1	2.8	75.3	1.84	1.30	0.21	43
2315457	Drill Core	4.13	0.152	0.45	8.13	7.87	57.1	291	11.0	5.7	423	1.26	20.0	0.9	114.2	2.6	49.4	1.89	0.42	0.19	52
2315458	Drill Core	5.50	0.111	1.11	108.60	27.08	430.8	435	24.5	12.6	808	2.32	45.5	1.2	71.3	5.7	57.3	8.78	0.90	0.40	109
2315459	Drill Core	3.92	0.037	1.23	80.98	9.62	179.7	612	21.3	7.6	436	1.39	25.4	1.3	39.1	5.0	117.6	2.03	0.71	0.33	43
2315460	Drill Core	5.91	0.072	12.35	85.68	4.81	69.7	421	24.1	5.2	365	1.07	12.0	2.2	31.1	9.9	94.5	1.25	0.51	0.11	40
2315461	Drill Core	2.41	0.150	2.47	284.02	10.28	244.8	1765	31.8	12.5	334	1.38	29.7	1.5	102.2	9.3	78.5	2.54	0.65	0.18	58
2315462	Drill Core	2.62	0.172	2.85	339.06	11.77	235.3	2227	34.0	12.0	337	1.37	34.5	1.6	193.4	9.1	100.0	2.73	0.84	0.17	59
2315463	Drill Core	5.79	0.061	1.38	189.57	8.15	150.2	590	34.5	8.7	363	1.42	27.7	1.3	45.1	5.3	87.8	6.11	0.90	0.15	75
2315464	Drill Core	2.86	0.049	0.83	230.23	7.51	337.6	1141	27.8	15.8	553	2.14	33.1	0.9	44.2	12.7	48.0	7.29	1.88	0.30	61
2315465	Drill Core	5.43	0.052	1.85	117.24	707.36	2604.8	5361	20.3	9.4	1398	2.91	103.3	0.9	55.2	7.6	43.3	19.53	0.71	1.29	75
2315466	Drill Core	5.24	0.156	4.83	144.70	541.10	3571.3	9833	28.6	7.8	1301	2.44	56.2	1.4	105.5	12.9	67.9	36.06	0.15	0.76	58
2315467	Drill Core	4.35	0.095	4.13	104.41	184.62	1427.9	1757	26.2	7.3	942	1.79	54.4	1.9	79.6	10.3	67.3	34.45	1.89	0.60	74
2315468	Drill Core	6.98	0.162	2.94	243.42	20.51	155.4	886	18.5	6.7	509	1.18	30.5	1.5	86.6	7.3	68.9	1.70	1.23	0.26	46
2315469	Drill Core	7.73	0.084	2.59	61.53	10.44	79.6	289	17.6	8.7	333	1.27	33.2	1.0	136.1	3.3	153.1	0.83	0.60	0.24	53
2315470	Rock Pulp	0.07	0.251	150.64	1835.83	19.94	59.4	1862	18.8	18.8	357	3.83	23.6	3.5	173.2	8.3	52.0	1.07	2.85	1.97	55
2315471	Rock	7.22	0.050	2.85	50.09	6.12	75.5	210	10.2	4.6	258	0.91	18.4	1.6	45.7	6.0	154.0	0.73	0.57	0.20	47
2315472	Drill Core	8.16	0.090	2.91	21.23	7.59	94.8	173	8.4	4.2	210	0.66	29.5	1.4	244.0	5.9	159.6	0.90	0.57	0.39	29
2315473	Drill Core	6.55	0.102	0.94	20.38	18.29	130.8	161	3.9	1.6	178	0.53	8.6	2.9	12.8	13.4	193.1	1.62	0.49	0.12	17
2315474	Drill Core	6.69	0.012	1.64	10.67	7.51	47.8	111	4.3	1.4	272	0.55	7.7	2.3	8.4	11.7	111.1	0.46	0.55	0.08	20
2315475	Drill Core	6.77	0.015	2.11	10.81	8.79	41.6	120	5.1	1.8	212	0.56	9.2	2.2	6.1	12.4	192.4	0.40	0.47	0.09	22
2315476	Drill Core	6.76	0.040	5.13	17.18	7.77	71.3	190	6.0	2.2	340	0.62	9.5	1.8	13.7	11.2	109.6	0.56	0.44	0.15	24
2315477	Drill Core	6.88	0.165	16.81	6.05	6.93	23.4	94	3.9	1.2	203	0.44	7.1	3.8	653.6	20.1	92.4	0.22	0.53	0.04	20
2315478	Drill Core	6.97	0.261	2.13	14.25	8.56	204.0	150	4.9	2.0	297	0.52	8.2	2.4	264.6	10.8	99.7	2.01	0.44	0.05	23
2315479	Drill Core	6.92	0.052	2.58	13.23	7.44	33.9	120	4.2	1.7	200	0.54	8.5	2.9	18.9	14.6	128.1	0.32	0.45	0.06	16
2315480	Drill Core	6.40	0.037	1.85	6.29	7.94	32.3	99	3.5	1.2	187	0.47	6.0	2.6	18.8	14.5	140.8	0.26	0.36	0.03	19
2315481	Drill Core	3.34	0.043	2.18	16.35	11.97	37.9	158	6.2	2.0	209	0.55	8.5	2.8	18.3	13.7	138.9	0.34	0.39	0.09	20

CERTIFICATE OF ANALYSIS

WHI13000309.2

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315452	Drill Core	0.90	0.081	7.2	32.8	1.11	45.8	0.005	<20	2.00	0.090	0.18	<0.1	7.3	0.21	<0.02	17	0.6	0.22	5.1	4.57
2315453	Drill Core	1.14	0.016	11.0	13.4	0.36	32.7	0.017	<20	1.41	0.178	0.05	<0.1	3.3	0.07	0.02	8	0.5	0.13	3.2	2.58
2315454	Drill Core	1.89	0.049	15.4	40.3	0.50	70.9	0.030	<20	2.04	0.237	0.05	<0.1	8.8	0.06	<0.02	11	0.4	0.05	5.0	3.01
2315455	Drill Core	3.60	0.145	9.9	34.1	1.14	128.2	0.173	<20	4.27	0.270	0.27	0.3	9.6	0.21	0.51	8	1.0	0.04	9.1	4.35
2315456	Drill Core	1.72	0.089	9.6	15.5	0.87	82.4	0.120	<20	1.50	0.176	0.02	0.1	6.1	0.05	0.16	10	0.7	0.04	5.1	2.59
2315457	Drill Core	1.87	0.076	7.8	13.2	0.96	120.2	0.080	<20	1.31	0.098	0.04	0.1	10.7	0.05	<0.02	8	<0.1	0.06	4.5	2.83
2315458	Drill Core	1.26	0.087	15.4	41.5	1.67	36.2	0.040	<20	2.64	0.099	0.07	<0.1	13.2	0.09	<0.02	13	0.6	0.20	8.2	3.72
2315459	Drill Core	2.29	0.069	8.2	40.4	0.95	53.5	0.056	<20	2.38	0.232	0.05	<0.1	4.3	0.05	<0.02	<5	0.2	0.08	5.9	2.88
2315460	Drill Core	2.06	0.055	9.9	46.6	0.96	106.7	0.089	<20	1.88	0.238	0.03	0.1	5.6	0.03	<0.02	<5	<0.1	0.04	5.3	2.90
2315461	Drill Core	1.79	0.073	12.2	40.5	0.95	98.2	0.085	<20	1.81	0.171	0.05	0.1	5.6	0.03	<0.02	12	0.3	0.09	5.1	3.20
2315462	Drill Core	2.05	0.071	14.5	44.7	0.93	94.0	0.087	<20	2.21	0.195	0.04	0.1	5.4	0.03	<0.02	6	0.3	0.06	6.2	3.53
2315463	Drill Core	2.83	0.095	11.4	40.2	0.87	70.5	0.056	<20	2.09	0.171	0.03	<0.1	7.8	0.02	<0.02	12	0.2	0.06	5.4	3.96
2315464	Drill Core	2.50	0.078	23.5	54.5	1.10	31.9	0.016	<20	2.06	0.071	0.06	0.2	8.5	0.07	<0.02	14	<0.1	0.07	5.7	4.26
2315465	Drill Core	2.80	0.093	21.4	48.8	1.20	48.8	0.001	<20	2.14	0.029	0.17	<0.1	10.3	0.21	<0.02	46	0.4	0.05	5.5	4.17
2315466	Drill Core	3.79	0.084	13.2	31.2	1.08	48.0	0.001	<20	2.68	0.052	0.18	<0.1	12.2	0.22	<0.02	29	0.3	0.08	5.9	4.93
2315467	Drill Core	2.97	0.084	8.1	19.8	1.18	81.1	0.042	<20	1.62	0.084	0.11	<0.1	11.2	0.16	0.24	13	0.9	0.12	4.1	4.62
2315468	Drill Core	2.53	0.078	8.8	25.2	1.01	25.0	0.082	<20	1.42	0.155	0.03	0.2	7.9	0.05	0.15	<5	0.5	0.09	4.0	2.11
2315469	Drill Core	2.94	0.047	8.2	52.5	1.15	23.1	0.067	<20	2.57	0.345	0.03	0.1	6.7	0.02	0.19	<5	0.6	0.03	5.5	2.55
2315470	Rock Pulp	1.79	0.063	15.8	55.6	0.86	71.5	0.030	<20	1.29	0.051	0.48	1.6	5.5	0.26	1.79	95	2.4	0.23	3.8	1.52
2315471	Rock	2.48	0.091	9.0	35.4	0.86	32.3	0.082	<20	2.32	0.328	0.03	0.1	5.4	0.03	0.11	5	0.3	0.08	6.0	2.05
2315472	Drill Core	2.26	0.091	9.1	36.2	0.49	48.5	0.088	<20	2.24	0.348	0.03	0.1	3.3	0.04	0.14	<5	0.5	0.16	5.4	3.74
2315473	Drill Core	1.79	0.056	10.5	14.3	0.30	41.8	0.083	<20	1.68	0.300	0.02	0.1	2.1	0.03	0.03	<5	0.2	0.07	4.3	1.19
2315474	Drill Core	1.92	0.053	7.5	15.5	0.34	25.4	0.086	<20	1.60	0.302	0.01	0.1	2.2	0.03	<0.02	<5	<0.1	0.05	4.0	0.87
2315475	Drill Core	2.06	0.054	5.8	17.7	0.31	33.3	0.077	<20	2.14	0.381	0.02	<0.1	2.4	0.04	<0.02	<5	<0.1	0.05	5.3	1.61
2315476	Drill Core	2.13	0.065	4.8	14.9	0.48	26.2	0.067	<20	1.60	0.257	0.01	0.1	2.3	0.03	0.03	<5	<0.1	0.07	4.3	3.96
2315477	Drill Core	1.76	0.077	7.7	14.6	0.30	17.3	0.086	<20	1.39	0.255	0.01	0.1	2.0	0.03	<0.02	<5	<0.1	0.03	3.6	1.53
2315478	Drill Core	2.10	0.066	7.2	13.4	0.40	20.6	0.085	<20	1.51	0.258	0.01	0.2	2.4	0.03	<0.02	<5	0.1	0.04	4.2	2.06
2315479	Drill Core	1.76	0.048	6.2	15.5	0.27	22.9	0.074	<20	1.72	0.319	0.01	0.1	1.8	0.03	0.02	<5	<0.1	0.02	4.1	1.53
2315480	Drill Core	1.77	0.047	5.3	17.2	0.27	25.1	0.066	<20	1.89	0.334	0.01	<0.1	2.0	0.03	<0.02	<5	<0.1	<0.02	4.4	1.36
2315481	Drill Core	1.69	0.045	5.9	15.5	0.34	25.7	0.074	<20	1.75	0.299	0.01	<0.1	2.2	0.02	<0.02	<5	0.1	0.04	4.5	2.01

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Report Date: November 01, 2013

Page: 2 of 4

Part: 3 of 6

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315452	Drill Core	<0.1	0.02	<0.02	9.8	1.7	<0.05	0.9	8.83	15.8	0.08	2	0.9	9.5	<10	<2					
2315453	Drill Core	<0.1	0.02	0.04	3.0	1.4	<0.05	0.6	8.76	18.6	0.06	7	0.5	4.3	<10	<2					
2315454	Drill Core	<0.1	0.06	0.03	2.9	2.1	<0.05	0.9	11.39	27.1	0.06	2	0.3	7.4	<10	<2					
2315455	Drill Core	0.3	0.08	0.08	14.6	3.0	<0.05	1.8	9.74	19.7	0.08	53	0.6	11.3	15	2					
2315456	Drill Core	0.2	0.09	0.08	1.5	2.4	<0.05	1.9	7.43	18.9	0.04	2	0.5	11.4	<10	2					
2315457	Drill Core	<0.1	0.08	0.08	2.9	2.0	<0.05	1.9	5.73	15.7	0.05	<1	0.8	10.1	<10	<2					
2315458	Drill Core	0.1	0.04	<0.02	4.9	3.0	<0.05	1.7	7.05	28.1	0.08	<1	1.1	14.3	<10	2					
2315459	Drill Core	0.1	0.06	0.05	2.7	1.9	<0.05	1.4	5.36	16.2	0.04	1	0.8	9.9	<10	<2					
2315460	Drill Core	0.1	0.08	0.13	2.1	1.6	<0.05	1.7	8.08	22.1	0.03	9	0.6	13.1	<10	<2					
2315461	Drill Core	0.2	0.06	0.08	2.9	1.1	<0.05	1.3	6.71	24.9	0.04	3	0.4	12.2	<10	<2					
2315462	Drill Core	<0.1	0.06	0.09	2.3	1.3	<0.05	1.3	7.08	26.3	0.05	<1	0.4	12.6	<10	<2					
2315463	Drill Core	<0.1	0.04	0.03	1.8	1.4	<0.05	1.1	8.67	21.3	0.04	<1	0.5	12.9	<10	<2					
2315464	Drill Core	<0.1	0.02	0.03	3.5	1.6	<0.05	0.6	12.00	47.2	0.08	<1	0.3	17.5	<10	<2					
2315465	Drill Core	<0.1	<0.02	<0.02	8.3	1.5	<0.05	0.2	14.98	40.7	0.21	1	0.5	17.6	<10	<2					
2315466	Drill Core	<0.1	<0.02	<0.02	9.2	1.7	<0.05	0.2	10.84	26.7	0.23	2	0.7	19.0	<10	2					
2315467	Drill Core	<0.1	0.06	0.03	6.8	2.1	<0.05	1.2	9.30	20.9	0.13	8	0.3	9.7	<10	2					
2315468	Drill Core	0.1	0.07	0.05	2.1	2.2	<0.05	1.6	5.32	17.2	0.06	8	0.5	10.7	<10	<2					
2315469	Drill Core	0.2	0.08	<0.02	0.9	1.9	<0.05	1.7	4.65	15.0	0.07	5	0.5	11.3	<10	<2					
2315470	Rock Pulp	<0.1	0.10	0.03	25.4	1.4	<0.05	2.8	8.35	28.0	0.04	38	0.4	6.9	42	2					
2315471	Rock	0.2	0.07	0.03	1.2	1.8	<0.05	2.0	5.74	17.4	0.04	4	0.4	8.8	<10	<2					
2315472	Drill Core	<0.1	0.08	0.08	1.1	1.6	<0.05	1.8	5.43	17.2	<0.02	5	0.3	4.0	<10	2					
2315473	Drill Core	<0.1	0.10	0.13	0.8	1.1	<0.05	1.8	7.01	22.3	<0.02	4	0.5	4.1	<10	<2	68.68	13.25	1.84	2.24	7.87
2315474	Drill Core	0.1	0.09	0.18	0.7	1.0	<0.05	1.9	6.31	16.5	<0.02	<1	0.2	3.7	<10	3					
2315475	Drill Core	0.1	0.08	0.16	0.7	0.8	<0.05	2.0	4.42	11.9	<0.02	2	0.5	3.4	<10	<2					
2315476	Drill Core	<0.1	0.06	0.16	0.4	0.9	<0.05	1.7	3.50	10.6	<0.02	7	0.3	4.3	<10	<2					
2315477	Drill Core	0.1	0.09	0.18	0.4	2.0	<0.05	2.2	5.58	16.7	<0.02	31	0.3	3.2	<10	<2					
2315478	Drill Core	0.1	0.11	0.25	0.4	0.9	<0.05	2.2	6.13	17.2	<0.02	2	0.2	4.0	<10	<2					
2315479	Drill Core	<0.1	0.08	0.30	0.5	0.8	<0.05	1.6	4.93	14.4	<0.02	6	0.3	2.9	<10	<2					
2315480	Drill Core	0.1	0.09	0.23	0.5	0.7	<0.05	1.4	4.59	11.8	<0.02	4	0.5	3.2	<10	<2					
2315481	Drill Core	<0.1	0.09	0.35	0.5	1.3	<0.05	1.7	5.50	14.2	<0.02	5	0.5	3.5	<10	3					

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315452	Drill Core																				
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2315456	Drill Core																				
2315457	Drill Core																				
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2315460	Drill Core																				
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2315463	Drill Core																				
2315464	Drill Core																				
2315465	Drill Core																				
2315466	Drill Core																				
2315467	Drill Core																				
2315468	Drill Core																				
2315469	Drill Core																				
2315470	Rock Pulp																				
2315471	Rock																				
2315472	Drill Core																				
2315473	Drill Core	3.26	0.12	0.49	0.13	0.05	0.005	<20	14	1.9	99.82	108	2	2.2	1.3	13.1	2.7	6.7	4.2	3	585.2
2315474	Drill Core																				
2315475	Drill Core																				
2315476	Drill Core																				
2315477	Drill Core																				
2315478	Drill Core																				
2315479	Drill Core																				
2315480	Drill Core																				
2315481	Drill Core																				

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Project: 210800

Report Date: November 01, 2013

Page: 2 of 4

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315452	Drill Core																			
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2315466	Drill Core																			
2315467	Drill Core																			
2315468	Drill Core																			
2315469	Drill Core																			
2315470	Rock Pulp																			
2315471	Rock																			
2315472	Drill Core																			
2315473	Drill Core	0.5	15.4	5.5	88	0.6	73.0	22.2	23.0	58.0	6.47	24.7	4.46	1.20	4.22	0.66	4.23	0.76	2.34	0.35
2315474	Drill Core																			
2315475	Drill Core																			
2315476	Drill Core																			
2315477	Drill Core																			
2315478	Drill Core																			
2315479	Drill Core																			
2315480	Drill Core																			
2315481	Drill Core																			

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Page: 2 of 4

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method Analyte Unit MDL	4A-4B 2A Leco 2A Leco			1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1
2315452	Drill Core																
2315453	Drill Core																
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2315463	Drill Core																
2315464	Drill Core																
2315465	Drill Core																
2315466	Drill Core																
2315467	Drill Core																
2315468	Drill Core																
2315469	Drill Core																
2315470	Rock Pulp																
2315471	Rock																
2315472	Drill Core																
2315473	Drill Core	0.32	0.23	0.03	0.7	14.5	14.7	110	3.5	7.3	1.2	0.4	0.1	0.1	32.7	<0.01	<0.1
2315474	Drill Core																
2315475	Drill Core																
2315476	Drill Core																
2315477	Drill Core																
2315478	Drill Core																
2315479	Drill Core																
2315480	Drill Core																
2315481	Drill Core																

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315482	Drill Core	2.97	0.031	2.31	22.24	12.85	45.4	180	5.0	1.5	197	0.50	7.8	2.5	21.3	14.3	123.1	0.39	0.31	0.09
2315483	Drill Core	6.82	0.057	3.26	23.77	8.57	40.7	148	9.1	1.8	195	0.52	11.3	2.9	27.2	14.4	130.4	0.35	0.47	0.06
2315484	Drill Core	6.65	0.166	2.02	223.64	10.74	75.1	852	10.0	2.0	151	0.42	15.4	2.0	169.5	11.1	91.2	0.79	0.74	0.08
2315485	Drill Core	6.72	0.175	1.44	108.30	9.11	29.2	504	7.7	2.9	137	0.54	18.7	2.4	94.8	13.3	129.0	0.37	0.43	0.16
2315486	Drill Core	6.24	0.104	3.20	94.55	7.04	25.0	385	7.1	1.7	122	0.45	10.9	2.8	98.8	14.5	120.6	0.27	0.41	0.06
2315487	Drill Core	6.66	0.035	3.15	44.73	9.27	43.1	204	5.0	1.3	143	0.49	8.0	2.6	32.3	13.3	113.7	0.38	0.54	0.08
2315488	Drill Core	5.39	0.034	2.04	31.54	9.08	28.1	202	7.6	1.5	140	0.42	10.5	2.6	54.5	14.4	113.0	0.28	0.86	0.06
2315489	Drill Core	4.12	0.083	8.00	27.21	7.66	29.6	145	8.9	3.5	146	0.48	13.3	2.5	54.4	12.5	109.6	0.32	0.49	0.05
2315490	Rock Pulp	0.06	1.810	3.61	37.61	5.37	53.0	440	28.6	12.6	467	2.90	8.5	0.2	2206.7	0.9	39.3	0.20	0.76	0.13
2315491	Rock	1.48	<0.005	0.12	4.05	3.01	45.8	14	3.5	4.4	593	2.12	<0.1	1.6	<0.2	5.3	50.1	<0.01	<0.02	0.02
2315492	Drill Core	4.67	0.078	3.92	12.24	5.50	21.9	125	12.4	2.5	148	0.42	16.6	1.7	48.2	8.7	80.8	0.22	0.61	0.07
2315493	Drill Core	7.07	0.021	5.20	4.86	4.87	17.0	112	8.9	1.6	146	0.43	7.3	1.6	24.5	9.9	77.3	0.14	0.56	0.08
2315494	Drill Core	4.35	0.076	3.30	16.76	6.18	17.9	141	9.7	2.0	118	0.42	9.2	2.6	51.5	14.1	195.1	0.16	0.32	0.04
2315495	Drill Core	5.55	0.031	1.71	22.94	7.16	31.6	146	11.2	2.3	215	0.62	8.9	2.0	15.7	10.5	58.4	0.28	0.59	0.04
2315496	Drill Core	6.67	0.043	1.20	36.23	7.70	33.5	204	10.1	2.2	187	0.66	9.7	1.8	18.5	9.2	69.6	0.39	0.60	0.04
2315497	Drill Core	6.48	0.149	1.85	113.66	9.43	29.2	444	12.7	2.5	162	0.56	17.9	2.1	125.6	12.6	80.6	0.30	0.92	0.04
2315498	Drill Core	7.02	0.101	1.78	111.05	10.19	33.6	476	15.0	3.4	175	0.56	23.5	2.1	75.3	15.0	88.1	0.36	1.00	0.04
2315499	Drill Core	7.30	0.024	1.75	59.96	9.30	24.9	388	11.4	1.9	117	0.52	19.8	2.3	154.3	13.7	109.6	0.27	0.57	0.04
2315500	Drill Core	7.22	0.029	1.29	30.51	10.09	31.8	196	9.2	1.5	116	0.45	16.8	2.5	53.7	14.4	97.3	0.25	0.61	0.05
2315501	Drill Core	2.93	0.021	2.19	15.17	8.12	28.0	123	8.9	2.2	118	0.53	17.2	2.5	9.9	14.4	99.2	0.29	0.62	0.05
2315502	Drill Core	3.62	0.010	1.72	14.97	8.03	29.6	123	7.5	2.4	108	0.46	16.4	2.5	7.7	14.2	100.5	0.29	0.56	0.04
2315503	Drill Core	7.24	0.023	3.05	32.77	8.88	27.5	182	8.9	2.9	108	0.46	17.3	2.8	14.9	14.3	72.2	0.29	0.67	0.06
2315504	Drill Core	7.01	0.044	1.52	105.86	7.49	22.9	368	10.5	2.0	102	0.45	15.8	2.7	19.7	13.9	83.9	0.24	0.51	0.05
2315505	Drill Core	5.27	0.135	0.87	121.37	8.60	26.8	483	10.8	2.5	103	0.46	20.0	2.4	24.1	13.8	85.7	0.26	0.53	0.10
2315506	Drill Core	6.09	0.103	2.41	170.28	7.46	51.3	814	20.8	3.5	117	0.46	29.3	1.8	74.4	3.3	290.0	0.55	0.69	0.03
2315507	Drill Core	5.50	0.040	3.39	41.91	7.25	25.9	192	24.2	2.9	159	0.54	24.9	2.3	28.8	11.0	92.4	0.27	0.47	0.03
2315508	Drill Core	3.91	0.046	1.60	48.55	7.69	58.6	223	33.2	6.6	693	1.53	15.0	2.3	47.4	4.1	155.7	0.45	0.34	0.04
2315509	Drill Core	8.66	0.005	1.29	22.33	4.53	93.7	92	36.4	25.0	978	4.87	11.9	0.6	1.3	2.1	213.4	0.20	0.60	<0.02
2315510	Rock Pulp	0.06	0.246	156.35	1899.72	20.13	58.4	2049	18.4	18.9	366	3.94	25.2	3.6	141.8	8.9	57.3	1.21	2.87	2.04
2315511	Rock	1.09	<0.005	0.16	3.08	2.83	46.6	18	3.6	4.6	568	1.92	0.3	2.6	2.0	5.4	45.6	<0.01	<0.02	0.05

CERTIFICATE OF ANALYSIS

WHI13000309.2

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315482	Drill Core	1.65	0.047	6.7	15.3	0.27	21.0	0.076	<20	1.67	0.312	0.01	0.1	1.9	0.03	<0.02	<5	0.1	0.02	4.0	1.40
2315483	Drill Core	1.81	0.050	7.2	18.3	0.26	24.1	0.072	<20	1.72	0.310	0.01	0.1	1.7	0.03	<0.02	<5	0.2	0.04	4.2	0.84
2315484	Drill Core	1.81	0.072	6.4	12.5	0.20	24.3	0.072	<20	1.51	0.286	0.01	0.1	1.4	0.03	0.02	<5	0.3	<0.02	3.6	3.43
2315485	Drill Core	1.87	0.052	8.0	7.0	0.18	27.3	0.080	<20	2.09	0.376	0.02	<0.1	1.5	0.05	0.05	<5	0.3	0.04	5.4	4.51
2315486	Drill Core	1.58	0.048	8.1	6.9	0.17	32.7	0.090	<20	1.76	0.337	0.01	0.1	1.6	0.04	<0.02	<5	<0.1	<0.02	4.5	3.47
2315487	Drill Core	1.62	0.048	6.9	8.0	0.19	31.6	0.089	<20	1.63	0.315	0.02	<0.1	1.6	0.04	<0.02	<5	<0.1	<0.02	4.3	4.79
2315488	Drill Core	1.70	0.061	8.4	7.8	0.18	26.9	0.091	<20	1.70	0.335	0.01	0.1	1.7	0.03	<0.02	<5	<0.1	<0.02	4.7	2.61
2315489	Drill Core	1.68	0.062	7.9	7.6	0.20	33.7	0.103	26	1.54	0.306	0.01	0.1	1.3	0.03	<0.02	<5	<0.1	<0.02	4.0	6.15
2315490	Rock Pulp	0.88	0.059	4.5	33.1	0.89	121.9	0.126	<20	1.76	0.099	0.16	14.5	5.1	0.05	0.04	88	0.1	0.04	5.5	0.48
2315491	Rock	0.54	0.076	12.7	7.6	0.56	174.6	0.133	<20	1.02	0.092	0.52	<0.1	2.6	0.32	<0.02	<5	<0.1	<0.02	4.7	3.55
2315492	Drill Core	1.49	0.111	12.0	17.1	0.20	26.5	0.122	<20	1.15	0.241	0.01	0.2	1.6	0.03	<0.02	<5	<0.1	0.04	3.7	3.89
2315493	Drill Core	1.22	0.060	7.2	18.7	0.27	47.8	0.099	<20	1.04	0.206	0.01	0.1	1.7	0.02	<0.02	<5	<0.1	0.02	3.2	1.96
2315494	Drill Core	2.25	0.093	10.2	10.8	0.31	31.5	0.097	<20	2.84	0.463	0.02	<0.1	2.5	0.02	<0.02	<5	<0.1	<0.02	8.0	17.40
2315495	Drill Core	1.64	0.071	9.8	12.7	0.54	14.6	0.102	<20	0.77	0.129	0.01	0.1	4.9	<0.02	<0.02	<5	<0.1	<0.02	3.1	0.43
2315496	Drill Core	1.24	0.048	8.2	14.3	0.30	49.0	0.085	<20	0.70	0.125	0.02	0.2	2.7	0.04	<0.02	<5	0.1	<0.02	2.4	1.06
2315497	Drill Core	1.31	0.082	8.6	9.6	0.21	35.9	0.101	<20	0.92	0.180	0.02	0.2	1.6	0.03	<0.02	<5	0.1	<0.02	3.0	2.75
2315498	Drill Core	1.48	0.084	10.8	9.4	0.23	35.5	0.118	<20	1.10	0.212	0.02	0.3	1.8	0.03	<0.02	<5	0.2	0.04	3.9	5.97
2315499	Drill Core	1.33	0.076	12.0	8.6	0.10	44.1	0.114	<20	1.29	0.275	0.02	0.2	1.3	0.04	<0.02	<5	<0.1	<0.02	3.6	7.61
2315500	Drill Core	1.20	0.075	12.2	7.9	0.10	53.2	0.125	<20	1.11	0.252	0.02	0.1	1.2	0.04	<0.02	<5	<0.1	0.03	3.4	4.39
2315501	Drill Core	1.13	0.078	11.1	9.5	0.12	51.8	0.123	<20	1.05	0.234	0.02	0.2	1.1	0.04	<0.02	<5	0.1	<0.02	3.4	1.98
2315502	Drill Core	1.06	0.073	10.6	7.1	0.11	53.0	0.119	<20	1.01	0.233	0.02	0.2	1.4	0.03	<0.02	<5	<0.1	<0.02	3.0	1.79
2315503	Drill Core	1.05	0.077	10.3	14.8	0.14	51.6	0.118	<20	0.79	0.185	0.02	0.2	1.1	0.04	<0.02	<5	<0.1	<0.02	2.7	2.99
2315504	Drill Core	1.16	0.076	10.5	14.0	0.12	57.0	0.106	<20	1.05	0.229	0.02	0.2	1.4	0.03	<0.02	<5	0.1	<0.02	3.4	4.80
2315505	Drill Core	1.23	0.067	10.2	12.7	0.11	47.3	0.117	<20	1.06	0.230	0.02	0.1	1.1	0.03	<0.02	<5	0.2	0.07	3.4	6.70
2315506	Drill Core	4.24	0.263	21.8	54.5	0.22	29.2	0.278	21	4.57	0.391	0.03	<0.1	0.9	0.04	0.03	<5	0.2	<0.02	14.1	20.46
2315507	Drill Core	1.80	0.132	17.4	27.9	0.34	69.0	0.162	<20	1.12	0.251	0.04	0.1	3.6	0.02	<0.02	<5	0.2	<0.02	4.3	5.73
2315508	Drill Core	4.17	0.117	15.5	56.3	0.93	111.1	0.147	<20	2.08	0.344	0.05	<0.1	9.8	<0.02	0.03	<5	0.4	<0.02	6.2	1.68
2315509	Drill Core	4.23	0.217	24.1	95.9	2.44	96.8	0.127	<20	3.14	0.247	0.06	<0.1	12.3	0.03	0.09	20	0.2	<0.02	8.0	1.50
2315510	Rock Pulp	1.84	0.066	17.4	59.7	0.88	83.4	0.034	<20	1.37	0.053	0.51	1.7	6.0	0.28	1.84	98	2.6	0.22	4.2	1.77
2315511	Rock	0.47	0.071	11.0	9.1	0.54	159.9	0.127	<20	0.94	0.073	0.49	<0.1	2.1	0.32	<0.02	<5	<0.1	<0.02	4.7	3.67

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315482	Drill Core	<0.1	0.10	0.24	0.5	1.1	<0.05	1.8	5.59	15.6	<0.02	2	0.3	3.2	<10	<2					
2315483	Drill Core	0.1	0.10	0.22	0.5	0.7	<0.05	1.7	4.83	15.0	<0.02	12	0.5	3.3	<10	<2	67.37	14.84	1.69	2.21	7.67
2315484	Drill Core	0.1	0.07	0.24	0.5	1.2	<0.05	1.8	4.70	14.2	<0.02	5	0.2	1.9	<10	<2					
2315485	Drill Core	0.1	0.10	0.21	0.8	1.6	0.06	1.8	5.63	16.9	0.07	7	0.7	2.2	<10	3					
2315486	Drill Core	<0.1	0.09	0.25	0.6	1.2	<0.05	1.8	5.88	17.5	0.02	11	0.3	2.0	<10	<2					
2315487	Drill Core	0.1	0.10	0.20	0.6	1.2	<0.05	1.8	5.46	15.4	<0.02	13	0.4	2.1	<10	3					
2315488	Drill Core	<0.1	0.11	0.30	0.6	1.0	<0.05	2.0	5.96	18.7	<0.02	12	0.7	2.2	<10	<2					
2315489	Drill Core	<0.1	0.14	0.21	0.6	1.1	<0.05	2.1	5.81	17.6	<0.02	39	0.3	2.1	<10	<2					
2315490	Rock Pulp	<0.1	0.19	0.04	5.7	0.6	<0.05	5.6	6.78	8.9	0.02	2	0.2	12.7	<10	3					
2315491	Rock	0.2	0.07	0.35	44.7	0.6	<0.05	1.3	5.53	23.3	0.02	<1	0.3	30.9	<10	2					
2315492	Drill Core	<0.1	0.09	0.39	0.5	1.2	<0.05	2.0	5.70	24.9	<0.02	12	<0.1	1.8	<10	2					
2315493	Drill Core	0.1	0.09	0.27	0.6	1.2	<0.05	1.8	5.14	16.3	<0.02	18	0.5	3.1	<10	<2					
2315494	Drill Core	0.2	0.09	0.12	0.9	1.9	<0.05	1.8	5.56	21.0	<0.02	6	0.7	4.7	<10	3					
2315495	Drill Core	<0.1	0.15	0.14	0.6	1.4	<0.05	2.6	7.09	22.6	0.02	2	0.3	5.8	<10	3	65.46	15.03	1.77	2.31	7.37
2315496	Drill Core	<0.1	0.14	0.15	1.0	1.2	<0.05	2.2	5.58	18.5	<0.02	2	0.3	4.2	10	3					
2315497	Drill Core	0.1	0.13	0.31	0.7	1.3	<0.05	2.3	6.17	19.3	<0.02	3	0.4	2.1	<10	3					
2315498	Drill Core	0.2	0.14	0.29	0.7	1.5	<0.05	2.6	7.18	22.8	<0.02	4	0.6	2.2	<10	2					
2315499	Drill Core	0.1	0.14	0.40	0.8	1.2	<0.05	2.3	6.62	25.0	<0.02	2	0.2	1.5	<10	<2	63.48	15.90	2.32	2.29	9.24
2315500	Drill Core	<0.1	0.17	0.33	0.9	1.2	<0.05	2.8	7.04	25.7	<0.02	<1	0.3	1.5	<10	<2					
2315501	Drill Core	0.1	0.18	0.31	1.0	1.2	<0.05	2.7	6.68	23.0	<0.02	2	0.4	1.6	<10	<2	65.18	15.39	2.28	2.13	8.36
2315502	Drill Core	0.1	0.17	0.34	0.9	1.2	<0.05	2.6	6.56	21.6	<0.02	6	0.3	1.4	<10	<2					
2315503	Drill Core	0.2	0.12	0.30	1.1	1.6	<0.05	2.2	6.98	20.9	<0.02	9	0.1	1.7	<10	<2					
2315504	Drill Core	0.2	0.11	0.28	0.8	1.3	<0.05	2.1	6.21	21.1	<0.02	5	0.4	1.6	<10	<2					
2315505	Drill Core	0.1	0.15	0.32	0.9	1.3	<0.05	2.6	6.82	21.8	<0.02	<1	0.2	1.6	<10	<2					
2315506	Drill Core	0.2	0.05	0.31	1.5	2.8	<0.05	2.6	8.58	49.4	0.02	6	0.9	4.7	<10	2					
2315507	Drill Core	<0.1	0.15	0.40	2.2	1.7	<0.05	3.6	6.41	36.6	<0.02	14	0.3	3.1	10	2					
2315508	Drill Core	0.1	0.10	0.06	1.9	2.0	<0.05	3.0	7.62	32.7	0.04	5	0.7	3.7	<10	2					
2315509	Drill Core	0.2	0.08	0.05	1.4	1.1	<0.05	3.4	18.88	50.2	0.05	<1	0.5	12.5	<10	<2					
2315510	Rock Pulp	<0.1	0.10	0.04	28.9	1.6	<0.05	3.2	9.77	29.9	0.06	44	0.3	7.0	38	3					
2315511	Rock	0.2	0.08	0.34	43.2	0.5	<0.05	1.1	4.61	18.5	<0.02	<1	0.2	29.7	<10	<2					

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method	Analyte	Unit	MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B			
					Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
					%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
					0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	0.1	1
2315482	Drill Core																							
2315483	Drill Core	3.74	0.12	0.45	0.12	0.05	0.004	32	11	1.6	99.83	100	<1	2.0	0.8	14.8	3.1	7.2	3.1	2	601.6			
2315484	Drill Core																							
2315485	Drill Core																							
2315486	Drill Core																							
2315487	Drill Core																							
2315488	Drill Core																							
2315489	Drill Core																							
2315490	Rock Pulp																							
2315491	Rock																							
2315492	Drill Core																							
2315493	Drill Core																							
2315494	Drill Core																							
2315495	Drill Core	4.67	0.16	0.64	0.15	0.05	0.004	<20	15	2.2	99.82	89	1	2.7	0.6	15.9	4.7	8.8	4.0	4	654.7			
2315496	Drill Core																							
2315497	Drill Core																							
2315498	Drill Core																							
2315499	Drill Core	4.43	0.15	0.65	0.18	0.05	0.004	22	17	1.1	99.80	167	1	2.9	5.6	15.7	4.6	8.5	3.7	3	695.5			
2315500	Drill Core																							
2315501	Drill Core	4.43	0.16	0.65	0.16	0.05	0.005	<20	16	1.0	99.80	177	2	3.3	1.9	16.0	4.6	8.4	4.2	3	698.1			
2315502	Drill Core																							
2315503	Drill Core																							
2315504	Drill Core																							
2315505	Drill Core																							
2315506	Drill Core																							
2315507	Drill Core																							
2315508	Drill Core																							
2315509	Drill Core																							
2315510	Rock Pulp																							
2315511	Rock																							

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Project: 210800

Report Date: November 01, 2013

Page: 3 of 4

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315482	Drill Core																			
2315483	Drill Core	0.7	17.9	4.8	90	0.6	98.6	15.3	17.7	42.2	4.82	18.1	3.36	0.90	3.05	0.50	2.85	0.55	1.76	0.24
2315484	Drill Core																			
2315485	Drill Core																			
2315486	Drill Core																			
2315487	Drill Core																			
2315488	Drill Core																			
2315489	Drill Core																			
2315490	Rock Pulp																			
2315491	Rock																			
2315492	Drill Core																			
2315493	Drill Core																			
2315494	Drill Core																			
2315495	Drill Core	0.6	15.1	5.3	119	0.9	159.2	21.2	25.4	65.8	7.64	29.9	5.01	1.16	4.38	0.66	3.81	0.79	2.29	0.36
2315496	Drill Core																			
2315497	Drill Core																			
2315498	Drill Core																			
2315499	Drill Core	0.8	17.5	5.6	117	<0.5	150.1	21.9	25.4	62.5	7.34	27.2	4.79	1.42	4.63	0.69	4.29	0.82	2.40	0.34
2315500	Drill Core																			
2315501	Drill Core	0.8	19.3	5.8	110	<0.5	153.7	21.7	24.2	57.8	6.67	25.3	4.52	1.28	4.34	0.66	3.99	0.84	2.26	0.35
2315502	Drill Core																			
2315503	Drill Core																			
2315504	Drill Core																			
2315505	Drill Core																			
2315506	Drill Core																			
2315507	Drill Core																			
2315508	Drill Core																			
2315509	Drill Core																			
2315510	Rock Pulp																			
2315511	Rock																			

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Page: 3 of 4

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method	Analyte	Unit	MDL	4A-4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
					Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
					ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
					0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
2315482	Drill Core																				
2315483	Drill Core	0.27	0.22	<0.02	2.9	17.3	7.8	36	8.3	11.1	0.3	0.5	<0.1	0.1	14.9	<0.01	<0.1	<0.5			
2315484	Drill Core																				
2315485	Drill Core																				
2315486	Drill Core																				
2315487	Drill Core																				
2315488	Drill Core																				
2315489	Drill Core																				
2315490	Rock Pulp																				
2315491	Rock																				
2315492	Drill Core																				
2315493	Drill Core																				
2315494	Drill Core																				
2315495	Drill Core	0.34	0.36	<0.02	1.6	18.2	7.3	31	10.1	8.4	0.2	0.6	<0.1	0.1	10.7	<0.01	<0.1	<0.5			
2315496	Drill Core																				
2315497	Drill Core																				
2315498	Drill Core																				
2315499	Drill Core	0.39	0.08	<0.02	1.7	47.5	9.3	22	9.3	17.6	0.2	0.6	<0.1	0.3	16.8	<0.01	<0.1	<0.5			
2315500	Drill Core																				
2315501	Drill Core	0.37	0.07	<0.02	1.9	11.9	8.3	27	8.3	17.3	0.2	0.6	<0.1	0.1	14.2	<0.01	<0.1	<0.5			
2315502	Drill Core																				
2315503	Drill Core																				
2315504	Drill Core																				
2315505	Drill Core																				
2315506	Drill Core																				
2315507	Drill Core																				
2315508	Drill Core																				
2315509	Drill Core																				
2315510	Rock Pulp																				
2315511	Rock																				

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315512	Drill Core	5.66	<0.005	1.30	25.80	7.48	102.8	66	38.6	24.9	681	5.74	3.3	0.6	<0.2	1.5	189.0	0.21	0.20	0.06
2315513	Drill Core	7.74	0.190	1.06	34.94	7.14	22.8	747	5.1	2.7	183	0.59	8.3	1.5	2611.1	8.1	96.5	0.22	0.26	0.10
2315514	Drill Core	6.84	0.020	1.12	34.80	6.66	20.9	149	3.2	2.0	119	0.69	7.8	2.0	9.5	8.7	75.7	0.20	0.49	0.10
2315515	Drill Core	7.15	0.028	1.67	45.62	6.21	22.5	219	3.5	2.3	110	0.65	8.8	2.2	15.0	9.1	78.8	0.21	0.49	0.06
2315516	Drill Core	7.64	0.115	6.41	180.83	5.08	26.5	894	6.8	4.6	130	1.36	11.0	2.6	70.9	8.2	63.2	0.30	0.76	0.09
2315517	Drill Core	7.08	0.022	1.93	117.30	5.67	27.6	484	6.6	5.5	143	0.85	13.9	1.8	18.8	8.6	98.2	0.27	0.66	0.07
2315518	Drill Core	7.56	0.038	2.82	98.70	6.94	36.7	587	5.2	3.0	85	0.52	9.6	2.2	29.8	9.5	51.2	0.44	0.59	0.06
2315519	Drill Core	6.95	0.019	2.97	75.55	5.59	23.0	406	5.3	3.6	83	0.62	9.6	2.9	9.9	12.4	50.0	0.26	0.49	0.04
2315520	Drill Core	5.29	0.017	1.93	38.11	5.37	17.1	172	3.6	3.6	81	0.85	8.4	2.5	13.0	10.5	37.2	0.16	0.66	0.12
2315521	Drill Core	1.76	0.016	1.64	50.25	4.22	14.6	237	3.3	2.2	76	0.65	5.6	3.2	6.8	12.4	35.2	0.16	0.42	0.07
2315522	Drill Core	1.99	0.016	1.62	44.83	4.04	13.7	209	3.4	2.2	70	0.59	4.9	3.4	19.6	12.0	33.7	0.14	0.48	0.06
2315523	Drill Core	5.27	0.046	4.10	149.46	3.97	19.4	624	8.1	9.8	106	1.98	8.6	1.5	19.9	7.4	69.0	0.15	0.43	0.10
2315524	Drill Core	6.57	0.027	1.99	46.04	4.57	21.2	165	7.8	5.8	116	1.52	12.6	2.4	15.5	10.1	109.3	0.26	0.50	0.08
2315525	Drill Core	3.68	0.013	2.98	36.66	4.17	19.4	147	5.0	4.9	123	1.13	10.2	3.0	7.7	10.3	47.8	0.12	0.46	0.11
2315526	Drill Core	5.56	0.033	2.37	123.35	4.16	19.7	563	5.8	4.7	107	1.02	13.3	2.5	18.2	9.5	58.8	0.17	0.61	0.22

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Report Date: November 01, 2013

Page: 4 of 4

Part: 2 of 6

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315512	Drill Core	3.63	0.224	24.4	97.5	3.06	96.7	0.358	<20	3.64	0.145	0.04	<0.1	11.4	<0.02	<0.02	<5	<0.1	<0.02	10.7	1.41
2315513	Drill Core	2.10	0.088	9.0	10.4	0.46	50.4	0.120	<20	1.13	0.256	0.03	0.1	5.2	0.03	<0.02	<5	<0.1	0.03	3.1	2.43
2315514	Drill Core	1.27	0.088	11.5	9.8	0.24	51.1	0.157	<20	0.96	0.228	0.03	0.2	2.3	0.03	<0.02	<5	0.1	<0.02	3.2	3.49
2315515	Drill Core	1.46	0.097	12.1	8.2	0.24	31.5	0.146	<20	1.04	0.223	0.03	0.3	2.7	0.03	0.03	<5	0.1	<0.02	3.3	5.40
2315516	Drill Core	1.36	0.079	11.1	11.8	0.37	43.9	0.149	<20	1.01	0.169	0.09	0.3	3.4	0.05	0.13	<5	0.7	<0.02	3.7	0.89
2315517	Drill Core	1.55	0.094	11.4	11.1	0.30	55.0	0.132	<20	1.25	0.240	0.04	0.2	2.6	0.03	0.04	<5	0.2	<0.02	3.6	5.27
2315518	Drill Core	0.93	0.093	9.5	7.3	0.19	43.3	0.141	<20	0.63	0.145	0.02	0.2	2.0	0.03	0.04	<5	0.3	0.02	2.4	1.92
2315519	Drill Core	0.79	0.090	14.4	5.3	0.14	27.8	0.114	<20	0.53	0.122	0.01	0.2	1.5	<0.02	0.06	<5	0.5	0.03	2.3	1.20
2315520	Drill Core	0.64	0.089	13.7	10.7	0.16	27.8	0.119	<20	0.49	0.113	0.02	0.3	1.7	0.03	0.11	<5	0.3	<0.02	2.1	0.69
2315521	Drill Core	0.65	0.082	12.9	5.7	0.16	27.6	0.118	<20	0.50	0.113	0.02	0.3	1.5	0.03	0.04	<5	0.2	<0.02	2.1	0.99
2315522	Drill Core	0.63	0.078	13.7	5.4	0.15	24.7	0.112	<20	0.46	0.100	0.02	0.3	1.4	0.02	0.04	<5	0.2	<0.02	2.0	1.01
2315523	Drill Core	1.23	0.086	10.6	10.1	0.44	199.0	0.188	<20	1.60	0.263	0.22	0.2	3.9	0.10	0.21	<5	1.0	0.05	4.8	1.87
2315524	Drill Core	1.04	0.078	12.2	10.3	0.40	73.1	0.125	<20	1.10	0.172	0.07	0.3	3.0	0.04	0.11	<5	0.6	0.02	4.0	1.23
2315525	Drill Core	1.00	0.077	10.7	11.5	0.36	56.1	0.128	<20	0.96	0.140	0.05	0.3	2.6	0.04	0.09	<5	0.5	0.04	3.5	2.05
2315526	Drill Core	1.07	0.084	9.9	9.3	0.29	62.0	0.131	<20	0.99	0.160	0.04	0.3	2.3	0.04	0.13	<5	1.1	0.10	3.3	2.16

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.04	0.01	0.01
2315512	Drill Core	0.2	0.16	0.11	0.8	1.4	<0.05	7.6	16.49	51.0	0.05	<1	0.5	14.4	15	3					
2315513	Drill Core	0.1	0.11	0.07	1.9	0.8	<0.05	2.6	5.89	16.9	<0.02	3	0.3	2.4	<10	<2					
2315514	Drill Core	0.1	0.12	0.21	1.7	1.1	<0.05	2.2	6.47	20.8	<0.02	<1	0.2	2.4	<10	<2	58.49	16.89	3.68	3.54	9.63
2315515	Drill Core	0.1	0.12	0.20	1.5	1.1	<0.05	2.5	6.44	22.3	<0.02	3	0.2	2.5	<10	3					
2315516	Drill Core	0.2	0.08	0.09	5.3	1.2	<0.05	1.4	5.29	19.7	0.02	5	0.2	4.2	<10	2					
2315517	Drill Core	<0.1	0.09	0.14	1.9	1.6	<0.05	1.9	6.45	22.0	<0.02	1	0.2	2.7	<10	<2					
2315518	Drill Core	0.1	0.12	0.23	0.9	1.1	<0.05	2.1	6.01	18.6	<0.02	5	0.1	1.8	<10	<2					
2315519	Drill Core	0.1	0.07	0.25	0.6	0.9	<0.05	2.3	7.27	25.9	<0.02	14	0.3	1.5	<10	<2					
2315520	Drill Core	0.1	0.10	0.26	1.1	1.4	<0.05	2.7	6.05	23.7	0.03	3	0.3	1.8	<10	4					
2315521	Drill Core	0.1	0.14	0.21	1.1	1.0	<0.05	3.5	5.56	22.6	0.02	1	0.2	2.0	<10	<2					
2315522	Drill Core	0.1	0.12	0.24	1.0	1.0	<0.05	3.2	5.56	23.0	<0.02	5	0.1	1.8	<10	<2					
2315523	Drill Core	0.1	0.07	0.08	12.5	1.4	<0.05	2.5	6.63	19.5	0.02	15	<0.1	6.2	<10	<2	57.48	17.93	6.11	2.97	7.94
2315524	Drill Core	<0.1	0.14	0.09	3.4	1.0	<0.05	4.1	5.33	19.7	0.02	8	0.1	5.5	<10	3					
2315525	Drill Core	<0.1	0.18	0.14	2.9	1.1	<0.05	5.0	5.35	18.1	0.02	7	0.1	4.8	<10	<2					
2315526	Drill Core	0.1	0.16	0.12	2.5	1.3	<0.05	4.5	5.65	17.8	0.02	4	0.3	3.9	<10	<2					

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
2315512	Drill Core																				
2315513	Drill Core																				
2315514	Drill Core	4.74	0.27	0.85	0.20	0.06	0.007	<20	23	1.4	99.78	348	2	6.3	3.6	16.3	3.8	7.3	7.3	2	717.8
2315515	Drill Core																				
2315516	Drill Core																				
2315517	Drill Core																				
2315518	Drill Core																				
2315519	Drill Core																				
2315520	Drill Core																				
2315521	Drill Core																				
2315522	Drill Core																				
2315523	Drill Core	4.21	0.75	0.86	0.22	0.06	0.003	<20	20	1.2	99.74	693	1	12.0	1.8	17.1	3.4	7.2	25.5	4	667.4
2315524	Drill Core																				
2315525	Drill Core																				
2315526	Drill Core																				

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Page: 4 of 4

Part: 5 of 6

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01	0.05	0.02	0.03	0.01
2315512	Drill Core																			
2315513	Drill Core																			
2315514	Drill Core	0.3	10.8	4.2	182	1.1	123.8	21.3	22.9	49.5	5.71	22.1	4.50	1.35	4.17	0.65	3.80	0.78	2.11	0.34
2315515	Drill Core																			
2315516	Drill Core																			
2315517	Drill Core																			
2315518	Drill Core																			
2315519	Drill Core																			
2315520	Drill Core																			
2315521	Drill Core																			
2315522	Drill Core																			
2315523	Drill Core	0.5	9.6	3.0	152	0.6	133.0	23.8	28.4	55.3	6.11	25.5	5.03	1.50	4.74	0.72	4.22	0.88	2.67	0.37
2315524	Drill Core																			
2315525	Drill Core																			
2315526	Drill Core																			

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Project: 210800

Report Date: November 01, 2013

Page: 4 of 4

Part: 6 of 6

CERTIFICATE OF ANALYSIS

WHI13000309.2

	Method Analyte Unit MDL	4A-4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
2315512	Drill Core																	
2315513	Drill Core																	
2315514	Drill Core	0.36	0.12	<0.02	1.0	25.4	6.6	19	3.1	7.4	0.2	0.5	<0.1	0.1	15.7	<0.01	<0.1	<0.5
2315515	Drill Core																	
2315516	Drill Core																	
2315517	Drill Core																	
2315518	Drill Core																	
2315519	Drill Core																	
2315520	Drill Core																	
2315521	Drill Core																	
2315522	Drill Core																	
2315523	Drill Core	0.38	0.03	0.21	3.9	132.1	4.1	19	7.4	8.9	0.2	0.5	0.1	0.7	49.7	<0.01	0.1	1.4
2315524	Drill Core																	
2315525	Drill Core																	
2315526	Drill Core																	

QUALITY CONTROL REPORT

WHI13000309.2

	Method Analyte Unit MDL	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
Pulp Duplicates																					
2315477	Drill Core	6.88	0.165	16.81	6.05	6.93	23.4	94	3.9	1.2	203	0.44	7.1	3.8	653.6	20.1	92.4	0.22	0.53	0.04	20
REP 2315477	QC			16.82	6.70	7.13	23.0	83	3.8	1.2	202	0.44	7.0	3.6	326.3	18.9	91.4	0.23	0.51	0.04	20
2315491	Rock	1.48	<0.005	0.12	4.05	3.01	45.8	14	3.5	4.4	593	2.12	<0.1	1.6	<0.2	5.3	50.1	<0.01	<0.02	0.02	39
REP 2315491	QC	<0.005																			
REP 2315512	QC			1.28	23.78	7.19	100.4	71	39.4	24.4	650	5.60	3.2	0.6	<0.2	1.5	186.3	0.22	0.19	0.05	96
2315514	Drill Core	6.84	0.020	1.12	34.80	6.66	20.9	149	3.2	2.0	119	0.69	7.8	2.0	9.5	8.7	75.7	0.20	0.49	0.10	37
REP 2315514	QC																				
2315523	Drill Core	5.27	0.046	4.10	149.46	3.97	19.4	624	8.1	9.8	106	1.98	8.6	1.5	19.9	7.4	69.0	0.15	0.43	0.10	73
REP 2315523	QC	0.045																			
2315526	Drill Core	5.56	0.033	2.37	123.35	4.16	19.7	563	5.8	4.7	107	1.02	13.3	2.5	18.2	9.5	58.8	0.17	0.61	0.22	39
REP 2315526	QC			2.24	118.92	4.10	20.4	543	5.8	4.2	107	1.00	13.3	2.5	53.5	9.2	59.7	0.17	0.60	0.21	40
Core Reject Duplicates																					
2315478	Drill Core	6.97	0.261	2.13	14.25	8.56	204.0	150	4.9	2.0	297	0.52	8.2	2.4	264.6	10.8	99.7	2.01	0.44	0.05	23
DUP 2315478	Drill Core	0.249		2.00	13.28	8.64	171.8	177	4.5	1.9	300	0.48	8.2	2.5	373.5	11.2	99.5	1.83	0.46	0.05	23
2315512	Drill Core	5.66	<0.005	1.30	25.80	7.48	102.8	66	38.6	24.9	681	5.74	3.3	0.6	<0.2	1.5	189.0	0.21	0.20	0.06	98
DUP 2315512	Drill Core	<0.005		1.13	25.27	6.23	103.0	65	39.0	24.7	652	5.61	3.3	0.6	<0.2	1.6	184.9	0.20	0.20	0.05	97
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard			13.71	118.92	134.77	311.6	1634	45.3	8.9	589	2.37	24.8	2.4	107.4	5.8	55.6	2.44	3.52	5.77	41
STD DS9	Standard			13.71	120.01	126.03	301.8	1710	46.0	8.3	559	2.40	24.3	2.3	96.4	5.3	56.6	2.42	3.50	5.51	40
STD DS9	Standard			13.93	118.84	108.31	319.1	1980	43.5	8.0	611	2.41	25.1	2.3	104.5	5.4	60.8	2.43	4.23	5.46	41
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard			1.41	703.25	13.37	25.0	263	396.6	52.9	385	21.56	6.8	1.5	50.8	8.9	2.9	0.02	0.12	0.21	328
STD OREAS45EA	Standard			1.40	729.79	12.50	29.1	271	411.9	55.4	408	23.32	7.9	1.5	53.9	8.9	3.4	0.02	0.12	0.17	343
STD OREAS45EA	Standard			1.54	703.50	11.97	27.6	276	386.6	52.2	393	23.72	9.7	1.5	45.9	8.4	3.1	0.02	0.17	0.23	299
STD OREAS45EA	Standard																				
STD OXC109	Standard	0.204																			

QUALITY CONTROL REPORT

WHI13000309.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																					
2315477	Drill Core	1.76	0.077	7.7	14.6	0.30	17.3	0.086	<20	1.39	0.255	0.01	0.1	2.0	0.03	<0.02	<5	<0.1	0.03	3.6	1.53
REP 2315477	QC	1.76	0.075	7.6	15.9	0.31	15.6	0.089	<20	1.39	0.255	0.01	0.1	2.0	0.03	<0.02	<5	<0.1	0.02	3.7	1.54
2315491	Rock	0.54	0.076	12.7	7.6	0.56	174.6	0.133	<20	1.02	0.092	0.52	<0.1	2.6	0.32	<0.02	<5	<0.1	<0.02	4.7	3.55
REP 2315491	QC																				
REP 2315512	QC	3.56	0.226	25.0	88.6	3.00	98.8	0.359	<20	3.58	0.144	0.04	<0.1	10.7	<0.02	<0.02	<5	<0.1	<0.02	10.4	1.41
2315514	Drill Core	1.27	0.088	11.5	9.8	0.24	51.1	0.157	<20	0.96	0.228	0.03	0.2	2.3	0.03	<0.02	<5	0.1	<0.02	3.2	3.49
REP 2315514	QC																				
2315523	Drill Core	1.23	0.086	10.6	10.1	0.44	199.0	0.188	<20	1.60	0.263	0.22	0.2	3.9	0.10	0.21	<5	1.0	0.05	4.8	1.87
REP 2315523	QC																				
2315526	Drill Core	1.07	0.084	9.9	9.3	0.29	62.0	0.131	<20	0.99	0.160	0.04	0.3	2.3	0.04	0.13	<5	1.1	0.10	3.3	2.16
REP 2315526	QC	1.06	0.081	10.0	9.3	0.29	60.7	0.130	<20	1.00	0.159	0.04	0.2	2.2	0.04	0.13	<5	0.9	0.14	3.2	2.09
Core Reject Duplicates																					
2315478	Drill Core	2.10	0.066	7.2	13.4	0.40	20.6	0.085	<20	1.51	0.258	0.01	0.2	2.4	0.03	<0.02	<5	0.1	0.04	4.2	2.06
DUP 2315478	Drill Core	2.08	0.061	7.7	14.1	0.38	19.8	0.085	<20	1.50	0.252	0.01	0.1	2.5	0.02	<0.02	<5	<0.1	0.03	3.9	2.18
2315512	Drill Core	3.63	0.224	24.4	97.5	3.06	96.7	0.358	<20	3.64	0.145	0.04	<0.1	11.4	<0.02	<0.02	<5	<0.1	<0.02	10.7	1.41
DUP 2315512	Drill Core	3.57	0.223	24.3	93.3	2.98	95.6	0.366	<20	3.57	0.145	0.04	0.1	11.2	<0.02	<0.02	7	<0.1	<0.02	10.7	1.41
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard	0.70	0.084	11.5	119.0	0.64	321.4	0.105	<20	0.97	0.081	0.40	2.8	2.2	4.89	0.17	190	5.0	4.84	4.3	2.27
STD DS9	Standard	0.70	0.082	11.6	119.0	0.65	296.4	0.118	<20	0.98	0.082	0.41	2.8	2.5	5.05	0.17	194	5.3	5.08	4.2	2.34
STD DS9	Standard	0.73	0.079	12.8	122.1	0.63	316.1	0.112	<20	0.95	0.082	0.41	2.5	2.4	5.32	0.17	263	5.6	5.07	4.3	2.39
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	0.03	0.025	6.3	914.2	0.08	141.6	0.084	<20	3.06	0.018	0.05	<0.1	68.9	<0.02	0.04	9	0.4	0.07	10.7	0.61
STD OREAS45EA	Standard	0.04	0.027	6.6	1059.2	0.08	142.7	0.098	<20	3.26	0.017	0.05	<0.1	74.5	<0.02	0.04	10	0.6	0.07	11.6	0.67
STD OREAS45EA	Standard	0.03	0.027	6.3	971.8	0.08	129.5	0.090	<20	3.17	0.019	0.05	<0.1	72.4	<0.02	0.04	9	1.1	0.08	12.0	0.65
STD OREAS45EA	Standard																				
STD OXC109	Standard																				

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Project: 210800
Report Date: November 01, 2013

Page: 1 of 3

Part: 3 of 6

QUALITY CONTROL REPORT

WHI13000309.2

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	%
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	0.1	10	2	0.01	0.01	0.04	0.01
Pulp Duplicates																					
2315477	Drill Core	0.1	0.09	0.18	0.4	2.0	<0.05	2.2	5.58	16.7	<0.02	31	0.3	3.2	<10	<2					
REP 2315477	QC	<0.1	0.10	0.21	0.4	2.3	<0.05	2.3	5.47	16.3	<0.02	33	0.2	2.8	<10	<2					
2315491	Rock	0.2	0.07	0.35	44.7	0.6	<0.05	1.3	5.53	23.3	0.02	<1	0.3	30.9	<10	2					
REP 2315491	QC																				
REP 2315512	QC	0.2	0.17	0.12	0.9	1.7	<0.05	7.5	16.05	51.4	0.05	<1	0.6	13.9	11	<2					
2315514	Drill Core	0.1	0.12	0.21	1.7	1.1	<0.05	2.2	6.47	20.8	<0.02	<1	0.2	2.4	<10	<2	58.49	16.89	3.68	3.54	9.63
REP 2315514	QC																				
2315523	Drill Core	0.1	0.07	0.08	12.5	1.4	<0.05	2.5	6.63	19.5	0.02	15	<0.1	6.2	<10	<2	57.48	17.93	6.11	2.97	7.94
REP 2315523	QC																				
2315526	Drill Core	0.1	0.16	0.12	2.5	1.3	<0.05	4.5	5.65	17.8	0.02	4	0.3	3.9	<10	<2					
REP 2315526	QC	0.1	0.13	0.15	2.5	1.3	<0.05	4.5	5.62	18.2	<0.02	5	0.4	4.1	<10	2					
Core Reject Duplicates																					
2315478	Drill Core	0.1	0.11	0.25	0.4	0.9	<0.05	2.2	6.13	17.2	<0.02	2	0.2	4.0	<10	<2					
DUP 2315478	Drill Core	<0.1	0.13	0.27	0.4	1.0	<0.05	2.0	5.99	17.4	<0.02	<1	0.3	3.6	<10	<2					
2315512	Drill Core	0.2	0.16	0.11	0.8	1.4	<0.05	7.6	16.49	51.0	0.05	<1	0.5	14.4	15	3					
DUP 2315512	Drill Core	0.2	0.20	0.10	0.9	1.0	<0.05	8.7	16.15	50.7	0.07	<1	0.5	13.1	<10	<2					
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard	<0.1	0.08	0.83	31.1	5.9	<0.05	1.7	4.85	21.3	1.87	57	4.7	24.4	110	322					
STD DS9	Standard	0.1	0.07	0.90	31.8	6.4	<0.05	1.9	4.95	20.8	2.22	55	4.8	24.3	111	344					
STD DS9	Standard	<0.1	0.09	0.97	33.5	6.7	<0.05	2.1	5.37	21.1	2.38	62	5.9	24.7	125	345					
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	0.2	0.61	0.09	6.6	0.7	<0.05	20.5	4.45	15.4	0.06	<1	0.4	2.1	67	98					
STD OREAS45EA	Standard	0.2	0.66	0.09	7.2	0.8	<0.05	23.2	5.04	15.9	0.08	<1	0.3	2.2	66	118					
STD OREAS45EA	Standard	0.2	0.36	0.05	7.7	0.8	<0.05	17.9	4.62	14.9	0.10	1	0.7	2.3	73	108					
STD OREAS45EA	Standard																				
STD OXC109	Standard																				

QUALITY CONTROL REPORT

WHI13000309.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
Pulp Duplicates																					
2315477	Drill Core																				
REP 2315477	QC																				
2315491	Rock																				
REP 2315491	QC																				
REP 2315512	QC																				
2315514	Drill Core	4.74	0.27	0.85	0.20	0.06	0.007	<20	23	1.4	99.78	348	2	6.3	3.6	16.3	3.8	7.3	7.3	2	717.8
REP 2315514	QC																				
2315523	Drill Core	4.21	0.75	0.86	0.22	0.06	0.003	<20	20	1.2	99.74	693	1	12.0	1.8	17.1	3.4	7.2	25.5	4	667.4
REP 2315523	QC																				
2315526	Drill Core																				
REP 2315526	QC																				
Core Reject Duplicates																					
2315478	Drill Core																				
DUP 2315478	Drill Core																				
2315512	Drill Core																				
DUP 2315512	Drill Core																				
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				

QUALITY CONTROL REPORT

WHI13000309.2

	Method Analyte Unit MDL	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01
Pulp Duplicates																					
2315477	Drill Core																				
REP 2315477	QC																				
2315491	Rock																				
REP 2315491	QC																				
REP 2315512	QC																				
2315514	Drill Core	0.3	10.8	4.2	182	1.1	123.8	21.3	22.9	49.5	5.71	22.1	4.50	1.35	4.17	0.65	3.80	0.78	2.11	0.34	2.31
REP 2315514	QC																				
2315523	Drill Core	0.5	9.6	3.0	152	0.6	133.0	23.8	28.4	55.3	6.11	25.5	5.03	1.50	4.74	0.72	4.22	0.88	2.67	0.37	2.41
REP 2315523	QC																				
2315526	Drill Core																				
REP 2315526	QC																				
Core Reject Duplicates																					
2315478	Drill Core																				
DUP 2315478	Drill Core																				
2315512	Drill Core																				
DUP 2315512	Drill Core																				
Reference Materials																					
STD DS10	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				

QUALITY CONTROL REPORT

WHI13000309.2

Method Analyte Unit MDL		4A-4B 2A Leco 2A Leco		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
Pulp Duplicates																		
2315477	Drill Core																	
REP 2315477	QC																	
2315491	Rock																	
REP 2315491	QC																	
REP 2315512	QC																	
2315514	Drill Core	0.36	0.12	<0.02	1.0	25.4	6.6	19	3.1	7.4	0.2	0.5	<0.1	0.1	15.7	<0.01	<0.1	<0.5
REP 2315514	QC		0.12	<0.02														
2315523	Drill Core	0.38	0.03	0.21	3.9	132.1	4.1	19	7.4	8.9	0.2	0.5	0.1	0.7	49.7	<0.01	0.1	1.4
REP 2315523	QC																	
2315526	Drill Core																	
REP 2315526	QC																	
Core Reject Duplicates																		
2315478	Drill Core																	
DUP 2315478	Drill Core																	
2315512	Drill Core																	
DUP 2315512	Drill Core																	
Reference Materials																		
STD DS10	Standard				13.6	140.5	161.5	364	78.9	45.2	2.4	6.5	11.0	2.3	337.4	0.29	5.1	2.7
STD DS9	Standard																	
STD DS9	Standard																	
STD DS9	Standard																	
STD GS311-1	Standard		0.99	2.28														
STD GS910-4	Standard		2.63	8.42														
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard				1.3	676.1	13.5	28	380.9	8.7	<0.1	0.2	0.2	0.2	42.3	<0.01	<0.1	0.6
STD OXC109	Standard																	

QUALITY CONTROL REPORT

WHI13000309.2

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
STD OXC109	Standard		0.183																	
STD OXC109	Standard		0.219																	
STD OXI96	Standard		1.881																	
STD OXI96	Standard		1.726																	
STD OXI96	Standard		1.885																	
STD OXL93	Standard		5.838																	
STD OXL93	Standard		5.543																	
STD OXL93	Standard		6.217																	
STD SO-18	Standard																			
STD SO-18	Standard																			
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32
STD OXC109 Expected			0.201																	
STD OXI96 Expected			1.802																	
STD OXL93 Expected			5.841																	
STD DS10 Expected																				
STD OREAS45EA Expected				1.39	709	14.3	28.9	260	381	52	400	23.51	9.1	1.73	53	10.7	3.5	0.02	0.2	0.26
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD SO-18 Expected																				
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank			<0.01	<0.01	<0.01	<0.1	5	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank			<0.01	<0.01	<0.01	<0.1	6	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank																			

QUALITY CONTROL REPORT

WHI13000309.2

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD DS9 Expected		0.7201	0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected		0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053		78	0.072	0.036	10	0.63	0.07	11.7	0.63
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	0.8	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	0.7	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	0.02	<0.1	<0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

QUALITY CONTROL REPORT

WHI13000309.2

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard																57.83	14.12	7.70	3.37	6.35
STD SO-18	Standard																58.31	14.02	7.55	3.35	6.30
STD DS9 Expected		0.1	0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350					
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected		0.26	0.57	0.06	7.04	0.83		20	5.09	17.7	0.08		0.41	2.37	66	108					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected																	58.47	14.23	7.67	3.35	6.42
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2					
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2					
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

QUALITY CONTROL REPORT

WHI13000309.2

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1
STD OXC109	Standard																			
STD OXC109	Standard																			
STD OXI96	Standard																			
STD OXI96	Standard																			
STD OXI96	Standard																			
STD OXL93	Standard																			
STD OXL93	Standard																			
STD OXL93	Standard																			
STD SO-18	Standard	3.78	2.23	0.69	0.82	0.41	0.546	41	24	1.9	99.77	488	<1	25.0	6.6	17.4	8.5	18.6	27.0	14
STD SO-18	Standard	3.68	2.17	0.69	0.83	0.40	0.553	40	24	1.9	99.76	484	<1	24.9	6.2	16.6	9.5	19.9	27.2	16
STD DS9 Expected																				
STD OXC109 Expected																				
STD OXI96 Expected																				
STD OXL93 Expected																				
STD DS10 Expected																				
STD OREAS45EA Expected																				
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD SO-18 Expected		3.71	2.17	0.69	0.83	0.39	0.55	44	25			514		26.2	7.1	17.6	9.8	21.3	28.7	15
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
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QUALITY CONTROL REPORT

WHI13000309.2

		4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05	4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05	4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD SO-18	Standard	6.2	10.1	16.8	195	14.1	274.7	29.4	11.7	27.2	3.22	12.8	2.92	0.83	2.97	0.49	2.66	0.55	1.69	0.28	1.73
STD SO-18	Standard	6.6	10.1	15.8	197	14.7	282.0	29.1	11.9	27.6	3.23	14.0	2.84	0.88	2.93	0.48	2.82	0.60	1.77	0.27	1.74
STD DS9 Expected																					
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected		7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93	0.53	3	0.62	1.84	0.27	1.79
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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BLK	Blank																				



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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800
Report Date: November 01, 2013

Acme Analytical Laboratories (Vancouver) Ltd.

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Page: 2 of 3

Part: 6 of 6

QUALITY CONTROL REPORT

WHI13000309.2

		4A-4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
STD OXC109	Standard																	
STD OXC109	Standard																	
STD OXI96	Standard																	
STD OXI96	Standard																	
STD OXI96	Standard																	
STD OXL93	Standard																	
STD OXL93	Standard																	
STD OXL93	Standard																	
STD SO-18	Standard	0.25																
STD SO-18	Standard	0.27																
STD DS9 Expected																		
STD OXC109 Expected																		
STD OXI96 Expected																		
STD OXL93 Expected																		
STD DS10 Expected					14.69	154.61	150.55	352.9	74.6	43.7	2.48	9.51	11.65	1.96	91.9	0.289	4.79	2.3
STD OREAS45EA Expected					1.39	709	14.3	28.9	381	9.1	0.02	0.2	0.26	0.26	53		0.072	0.6
STD GS311-1 Expected		1.02			2.35													
STD GS910-4 Expected		2.65			8.27													
STD SO-18 Expected		0.27																
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<0.01	<0.1	<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.

QUALITY CONTROL REPORT

WHI13000309.2

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank		<0.005	0.31	4.04	3.45	43.2	16	8.0	4.6	576	2.11	0.2	1.7	5.0	5.5	53.7	0.06	0.05	0.06	37
G1-WHI	Prep Blank		<0.005	0.16	3.95	3.10	43.6	15	3.7	4.2	566	2.04	0.3	1.5	1.9	5.3	45.9	0.02	<0.02	0.03	37

Acme Analytical Laboratories (Vancouver) Ltd.
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Vancouver BC V6C 0B3 CANADA

Project: 210800
Report Date: November 01, 2013

Page: 3 of 3

Part: 2 of 6

QUALITY CONTROL REPORT

WHI13000309.2

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank	0.48	0.074	11.1	10.0	0.57	176.7	0.116	<20	1.00	0.097	0.51	<0.1	2.3	0.32	<0.02	5	<0.1	<0.02	4.6	3.60
G1-WHI	Prep Blank	0.47	0.073	11.0	6.8	0.53	181.2	0.114	<20	0.96	0.083	0.48	<0.1	2.0	0.32	<0.02	<5	<0.1	<0.02	4.6	3.34

QUALITY CONTROL REPORT

WHI13000309.2

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01
BLK	Blank																				
BLK	Blank																<0.01	<0.01	<0.04	<0.01	<0.01
Prep Wash																					
G1-WHI	Prep Blank	0.2	0.08	0.26	41.8	0.5	<0.05	1.2	4.90	21.8	0.05	<1	0.4	32.7	<10	<2					
G1-WHI	Prep Blank	0.1	0.09	0.32	40.4	0.5	<0.05	1.1	4.58	22.1	<0.02	<1	0.2	30.1	<10	<2					

QUALITY CONTROL REPORT

WHI13000309.2

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
BLK	Blank																				
BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	0.03	<1	<1	0.2	<0.1	<0.5	<0.1	0.3	0.3	<1	<0.5
Prep Wash																					
G1-WHI	Prep Blank																				
G1-WHI	Prep Blank																				

QUALITY CONTROL REPORT

WHI13000309.2

		4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05	4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05	4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05
BLK	Blank																				
BLK	Blank	<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	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05
Prep Wash																					
G1-WHI	Prep Blank																				
G1-WHI	Prep Blank																				

Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800

Report Date: November 01, 2013

Page: 3 of 3

Part: 6 of 6

QUALITY CONTROL REPORT

WHI13000309.2

		4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
BLK	Blank	<0.02 <0.02																
BLK	Blank	<0.01																
Prep Wash																		
G1-WHI	Prep Blank																	
G1-WHI	Prep Blank																	

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Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Whitehorse
Received: August 16, 2013
Report Date: September 09, 2013
Page: 1 of 5

CERTIFICATE OF ANALYSIS

WHI13000310.1

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_012
P.O. Number
Number of Samples: 109

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	103	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
G601	109	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
1F04	109	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	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. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI13000310.1

	Method Analyte Unit MDL	WGHT Wgt kg	G6 Au ppm	1F Mo ppm	1F Cu ppm	1F Pb ppm	1F Zn ppm	1F Ag ppb	1F Ni ppm	1F Co ppm	1F Mn ppm	1F Fe %	1F As ppm	1F U ppm	1F Au ppb	1F Th ppm	1F Sr ppm	1F Cd ppm	1F Sb ppm	1F Bi ppm	1F V ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
2315527	Drill Core	6.87	0.007	0.85	23.60	7.88	37.8	80	26.1	13.3	672	2.44	41.0	1.1	1.6	8.5	40.7	0.08	0.34	0.18	11
2315528	Drill Core	4.33	<0.005	0.58	51.93	3.80	43.0	122	49.9	22.8	499	3.56	63.2	1.4	<0.2	11.8	32.3	0.06	0.56	0.19	52
2315529	Drill Core	7.07	0.006	1.90	35.14	5.07	117.2	251	29.4	23.3	562	2.08	80.6	1.0	2.5	8.8	72.3	0.90	1.37	3.38	35
2315530	Rock Pulp	0.08	1.705	3.85	38.33	5.82	55.2	401	28.4	13.3	486	2.89	8.6	0.3	1670	0.9	40.1	0.19	0.95	0.18	69
2315531	Rock	1.05	<0.005	0.14	4.23	3.08	48.1	11	3.5	4.5	594	2.08	0.5	2.0	0.8	5.9	56.6	0.01	<0.02	0.04	38
2315532	Drill Core	6.47	<0.005	1.18	12.20	3.33	41.7	131	18.8	14.8	336	1.42	95.9	0.7	1.5	9.0	43.8	0.23	1.23	2.23	22
2315533	Drill Core	7.16	0.008	1.49	28.33	4.54	46.8	245	23.1	25.2	411	1.78	179.4	0.8	6.0	8.8	46.8	0.26	1.01	6.08	21
2315534	Drill Core	7.22	<0.005	7.40	52.60	3.60	76.8	112	42.9	11.6	406	2.23	84.6	2.0	0.3	7.3	25.7	0.62	1.05	0.54	60
2315535	Drill Core	5.88	0.006	8.33	128.1	3.33	93.7	104	152.1	33.1	381	4.46	58.6	2.4	0.3	2.4	34.5	0.49	0.76	0.40	179
2315536	Drill Core	5.62	0.007	3.29	71.20	2.78	41.2	98	27.3	7.8	132	1.59	74.7	1.0	0.4	3.0	9.6	0.35	0.75	0.29	22
2315537	Drill Core	8.32	0.008	3.37	66.48	3.17	31.5	67	31.6	8.4	145	2.13	65.9	1.1	0.9	3.9	12.2	0.16	0.79	0.35	26
2315538	Drill Core	3.62	0.007	3.14	70.68	3.59	33.8	85	40.2	9.4	172	2.10	372.8	1.1	0.4	4.1	6.3	0.19	1.75	0.23	40
2315539	Drill Core	5.83	0.006	15.48	85.13	7.65	66.5	180	57.5	8.7	150	1.90	432.4	2.8	1.0	2.4	6.2	0.56	3.40	0.29	63
2315540	Drill Core	5.47	0.009	2.17	120.2	6.28	49.0	315	79.4	10.2	166	1.75	320.3	0.9	2.5	2.2	9.1	0.23	4.66	0.32	18
2315541	Drill Core	2.86	0.011	5.82	83.90	6.79	71.2	245	37.9	5.8	187	1.73	330.5	2.6	0.7	2.4	11.9	0.47	3.26	0.60	56
2315542	Drill Core	3.05	0.009	5.78	82.14	7.65	79.8	231	38.7	5.2	190	1.79	372.5	2.4	0.7	2.3	12.2	0.55	3.45	0.62	54
2315543	Drill Core	5.86	0.054	13.96	297.7	15.26	128.2	1172	94.7	9.5	225	2.57	1077	2.6	10.0	2.4	12.5	1.09	7.64	3.29	83
2315544	Drill Core	5.89	0.008	5.34	202.4	5.43	43.7	493	77.3	15.2	192	2.74	163.1	6.9	0.9	4.2	19.3	0.25	2.35	1.32	78
2315545	Drill Core	6.10	<0.005	11.66	139.4	4.56	64.7	294	58.8	18.1	143	1.84	113.1	2.8	0.4	2.7	3.9	0.43	1.22	0.60	47
2315546	Drill Core	6.62	0.005	4.91	142.7	3.87	98.9	191	90.7	15.6	161	3.18	79.1	2.4	0.5	2.1	9.1	0.67	1.17	0.67	59
2315547	Drill Core	5.82	0.010	16.00	135.7	8.85	313.7	535	93.9	9.3	151	3.34	54.7	5.3	<0.2	2.7	21.8	2.30	2.88	0.24	108
2315548	Drill Core	6.33	0.023	7.29	104.5	5.09	79.5	210	56.3	8.7	229	3.12	383.7	3.4	2.7	4.8	10.5	0.56	4.11	0.48	72
2315549	Drill Core	6.19	0.011	23.36	159.3	8.58	318.0	498	94.1	8.3	153	2.97	130.7	5.3	0.2	2.3	8.2	2.60	3.54	0.62	101
2315550	Rock Pulp	0.06	4.538	12.16	39.26	8.93	73.6	710	32.3	5.1	348	1.71	397.7	1.9	69.9	1.8	36.3	0.60	23.67	0.24	40
2315551	Rock	1.04	<0.005	0.23	4.02	4.00	47.9	14	3.5	4.7	603	2.22	0.6	2.0	<0.2	6.9	54.2	0.02	0.06	0.02	39
2315552	Drill Core	5.38	<0.005	6.27	178.4	4.03	63.7	376	76.2	7.6	155	1.95	62.2	2.0	0.4	2.6	12.6	0.35	1.43	0.69	82
2315553	Drill Core	5.50	0.007	4.54	95.37	4.04	38.6	186	56.5	10.3	318	2.32	87.8	2.8	<0.2	4.6	39.4	0.12	1.16	0.62	66
2315554	Drill Core	4.87	<0.005	2.71	14.73	2.43	29.9	76	46.2	13.8	344	1.65	71.9	1.8	1.1	2.8	38.2	0.12	0.77	0.35	27
2315555	Drill Core	5.13	0.039	8.57	486.0	48.42	283.6	7179	47.0	19.6	1422	3.95	547.8	2.3	4.2	1.5	87.9	3.72	17.10	16.24	76
2315556	Drill Core	5.10	0.032	22.12	131.2	5.26	63.5	488	65.0	8.2	361	2.17	876.8	4.3	1.0	1.4	62.9	0.67	8.92	0.96	78

CERTIFICATE OF ANALYSIS

WHI13000310.1

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315527	Drill Core	1.23	0.026	19.6	15.6	0.53	63.8	0.001	<20	0.62	0.009	0.18	<0.1	3.3	0.12	0.11	<5	0.7	<0.02	1.6	5.56
2315528	Drill Core	0.85	0.045	33.9	58.5	1.24	212.3	0.091	<20	2.38	0.051	0.79	<0.1	5.4	0.40	0.06	<5	0.2	<0.02	9.0	7.61
2315529	Drill Core	2.25	0.088	15.6	43.8	0.83	101.3	0.183	<20	1.47	0.119	0.32	0.2	3.2	0.12	0.09	<5	0.5	0.06	5.9	2.36
2315530	Rock Pulp	0.95	0.062	4.6	36.1	0.89	112.5	0.149	<20	1.81	0.105	0.16	12.9	5.3	0.05	0.04	97	0.2	0.10	5.7	0.46
2315531	Rock	0.53	0.079	15.3	9.1	0.52	178.4	0.139	<20	0.98	0.090	0.50	<0.1	2.4	0.33	<0.02	<5	<0.1	<0.02	4.9	3.61
2315532	Drill Core	1.35	0.072	14.9	31.5	0.52	53.6	0.149	<20	0.82	0.094	0.13	0.2	2.5	0.05	0.03	<5	0.3	0.10	4.3	1.54
2315533	Drill Core	1.30	0.057	15.9	26.2	0.56	64.8	0.134	<20	0.84	0.100	0.13	0.2	2.7	0.06	0.06	<5	0.3	0.03	3.9	1.31
2315534	Drill Core	1.16	0.151	15.5	34.6	0.67	152.8	0.089	<20	1.05	0.071	0.30	0.2	2.4	0.14	0.42	<5	4.4	0.06	4.7	2.43
2315535	Drill Core	1.15	0.167	9.9	217.6	2.29	66.8	0.234	<20	2.94	0.065	1.15	0.1	8.8	0.56	1.06	<5	5.5	0.16	9.6	8.17
2315536	Drill Core	0.25	0.018	9.4	22.7	0.41	72.7	0.003	<20	0.69	0.005	0.17	<0.1	1.7	0.12	0.44	<5	2.7	0.13	2.7	3.09
2315537	Drill Core	0.37	0.030	11.8	26.7	0.74	93.7	0.004	<20	0.93	0.003	0.18	<0.1	1.7	0.12	0.65	<5	1.6	0.07	3.2	3.25
2315538	Drill Core	0.16	0.044	11.2	27.6	0.58	162.3	0.002	<20	0.87	0.002	0.20	<0.1	1.7	0.10	0.77	<5	3.7	0.07	3.1	2.16
2315539	Drill Core	0.25	0.091	8.1	30.8	0.32	64.9	0.002	<20	0.58	<0.001	0.14	0.6	1.4	0.08	0.76	12	5.1	0.09	2.4	1.75
2315540	Drill Core	0.22	0.032	7.8	24.4	0.33	49.8	0.002	<20	0.50	0.002	0.11	0.2	1.8	0.08	0.80	8	2.6	0.09	2.3	1.18
2315541	Drill Core	0.34	0.078	7.2	31.6	0.37	30.5	0.002	<20	0.50	<0.001	0.10	0.3	1.7	0.06	0.68	8	3.1	0.08	2.3	1.13
2315542	Drill Core	0.37	0.074	7.0	27.0	0.36	27.6	0.002	<20	0.50	<0.001	0.09	0.2	1.8	0.06	0.70	8	3.2	0.06	2.2	1.05
2315543	Drill Core	0.69	0.276	9.5	40.5	0.27	55.9	0.003	<20	0.63	0.001	0.12	0.5	2.1	0.09	0.77	23	12.3	0.25	3.1	2.04
2315544	Drill Core	1.11	0.493	16.7	39.2	0.39	73.9	0.008	<20	1.04	0.005	0.18	0.3	2.4	0.16	1.22	<5	8.0	0.18	4.1	2.26
2315545	Drill Core	0.17	0.059	9.4	32.8	0.17	40.7	0.002	<20	0.47	0.002	0.10	0.4	1.0	0.06	0.69	8	2.4	0.10	1.8	0.89
2315546	Drill Core	0.64	0.258	14.4	46.6	0.44	45.2	0.006	<20	0.89	<0.001	0.13	0.3	2.1	0.10	1.55	<5	5.7	0.13	4.9	1.99
2315547	Drill Core	1.20	0.516	14.1	39.4	0.41	107.6	0.010	<20	0.83	0.001	0.23	0.9	2.4	0.16	2.12	27	13.6	0.20	3.8	2.64
2315548	Drill Core	0.46	0.180	15.0	38.0	0.57	177.9	0.010	<20	0.95	0.003	0.26	0.3	2.0	0.16	1.33	21	6.0	0.08	3.6	3.13
2315549	Drill Core	0.49	0.199	8.9	35.2	0.31	57.8	0.003	<20	0.56	0.001	0.16	1.1	1.5	0.11	1.72	27	13.3	0.31	2.4	1.99
2315550	Rock Pulp	9.20	0.048	4.7	23.6	4.40	93.1	<0.001	<20	0.28	0.005	0.10	24.9	3.3	0.91	1.26	4625	1.0	0.09	0.9	0.69
2315551	Rock	0.54	0.078	14.7	11.5	0.49	195.2	0.124	<20	1.03	0.098	0.54	<0.1	2.3	0.32	<0.02	<5	<0.1	<0.02	4.9	3.73
2315552	Drill Core	0.48	0.166	11.1	41.9	0.35	73.3	0.003	<20	0.68	0.002	0.16	0.3	2.3	0.14	0.69	13	9.8	0.29	3.2	4.08
2315553	Drill Core	1.00	0.104	13.3	40.0	0.76	98.0	0.010	<20	1.12	0.003	0.28	0.1	3.6	0.22	0.16	6	3.7	0.19	4.2	8.16
2315554	Drill Core	0.88	0.028	8.0	27.8	0.54	83.2	0.006	<20	0.68	0.005	0.18	<0.1	3.0	0.14	0.02	7	0.3	0.10	2.3	5.27
2315555	Drill Core	3.55	0.137	3.9	23.1	1.31	37.0	0.001	<20	0.34	0.004	0.08	0.4	2.0	1.07	1.97	25	3.7	0.57	1.2	1.77
2315556	Drill Core	2.07	0.188	2.3	26.8	0.70	38.9	0.002	<20	0.39	0.003	0.09	0.7	1.9	0.18	0.63	14	5.9	0.11	1.2	2.55

CERTIFICATE OF ANALYSIS

WHI13000310.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315527	Drill Core	<0.1	<0.02	<0.02	8.2	0.8	<0.05	0.3	9.35	35.1	<0.02	2	0.4	3.5	<10
2315528	Drill Core	<0.1	<0.02	0.04	43.3	0.6	<0.05	0.7	12.76	60.8	0.02	1	0.5	10.9	<10
2315529	Drill Core	0.1	0.06	0.17	16.2	0.7	<0.05	1.5	6.33	27.9	0.02	<1	0.3	8.4	<10
2315530	Rock Pulp	<0.1	0.14	0.06	5.4	0.5	<0.05	4.7	7.00	8.6	0.02	<1	0.2	12.7	<10
2315531	Rock	0.1	0.11	0.60	45.2	0.7	<0.05	1.5	5.54	24.7	<0.02	<1	0.5	32.2	<10
2315532	Drill Core	<0.1	0.08	0.21	5.6	0.6	<0.05	1.4	5.84	26.4	0.05	2	0.6	6.1	<10
2315533	Drill Core	<0.1	0.07	0.11	5.3	0.7	<0.05	1.5	6.38	29.3	0.04	<1	0.2	6.4	<10
2315534	Drill Core	<0.1	0.12	0.12	12.6	0.5	<0.05	3.9	9.15	27.3	0.03	9	0.5	6.7	<10
2315535	Drill Core	0.2	0.08	0.07	44.4	0.6	<0.05	3.8	8.28	17.7	0.03	15	1.1	15.4	<10
2315536	Drill Core	<0.1	0.04	<0.02	8.0	0.1	<0.05	2.2	4.17	16.5	<0.02	8	0.8	5.3	<10
2315537	Drill Core	<0.1	0.03	<0.02	7.5	0.2	<0.05	1.7	4.60	21.2	<0.02	7	0.5	7.5	<10
2315538	Drill Core	<0.1	0.04	<0.02	7.6	0.1	<0.05	2.7	4.25	19.9	<0.02	5	0.6	6.2	<10
2315539	Drill Core	<0.1	0.09	<0.02	5.8	<0.1	<0.05	4.2	6.01	13.6	<0.02	23	0.4	4.1	12
2315540	Drill Core	<0.1	0.09	<0.02	4.5	0.1	<0.05	3.5	2.99	15.5	<0.02	5	0.4	5.4	<10
2315541	Drill Core	<0.1	0.07	<0.02	4.3	0.1	<0.05	2.7	7.21	13.8	<0.02	10	0.3	6.7	<10
2315542	Drill Core	<0.1	0.05	<0.02	3.9	0.9	<0.05	2.8	7.05	13.0	<0.02	15	0.2	6.7	<10
2315543	Drill Core	<0.1	0.04	<0.02	5.1	0.3	<0.05	3.9	9.70	14.1	0.06	14	0.2	6.0	20
2315544	Drill Core	<0.1	<0.02	0.02	6.9	0.2	<0.05	1.3	17.97	25.7	<0.02	38	0.4	10.2	11
2315545	Drill Core	<0.1	0.08	<0.02	3.8	<0.1	<0.05	3.6	7.45	17.1	<0.02	18	0.2	4.5	<10
2315546	Drill Core	<0.1	0.07	<0.02	5.3	0.2	<0.05	3.9	9.61	25.4	<0.02	14	0.7	10.2	<10
2315547	Drill Core	<0.1	0.07	0.03	11.6	0.3	<0.05	4.1	16.08	19.7	0.03	33	0.8	7.5	<10
2315548	Drill Core	<0.1	0.10	<0.02	11.0	0.2	<0.05	4.7	10.30	24.4	<0.02	16	0.5	7.9	<10
2315549	Drill Core	<0.1	0.12	0.02	6.3	0.2	<0.05	5.2	11.81	11.5	0.02	36	0.4	5.0	<10
2315550	Rock Pulp	<0.1	0.02	<0.02	4.9	1.0	<0.05	1.3	7.80	8.0	0.04	6	0.2	4.3	<10
2315551	Rock	0.1	0.09	0.35	46.5	1.6	<0.05	1.4	5.42	24.9	<0.02	<1	0.2	32.4	<10
2315552	Drill Core	<0.1	0.06	<0.02	7.9	0.2	<0.05	4.5	9.28	15.6	<0.02	18	0.5	6.8	<10
2315553	Drill Core	<0.1	0.07	<0.02	13.7	0.2	<0.05	3.6	10.63	23.2	<0.02	13	1.1	9.3	<10
2315554	Drill Core	<0.1	0.04	<0.02	10.3	0.1	<0.05	1.8	6.73	16.0	<0.02	3	0.7	7.5	<10
2315555	Drill Core	<0.1	0.06	<0.02	4.0	0.5	<0.05	3.2	12.31	6.5	0.43	16	0.2	9.0	<10
2315556	Drill Core	<0.1	0.12	<0.02	5.1	<0.1	<0.05	5.3	14.12	3.7	<0.02	34	0.2	7.5	<10

CERTIFICATE OF ANALYSIS

WHI13000310.1

	Method Analyte Unit MDL	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
2315557	Drill Core	4.82	0.008	14.37	107.8	3.41	49.2	271	34.2	8.2	209	1.64	253.5	3.0	0.6	2.0	26.5	0.41	3.40	0.64	25
2315558	Drill Core	4.12	0.027	14.57	391.4	7.19	63.3	1027	52.1	19.7	787	3.21	362.7	3.1	1.8	2.2	72.9	0.59	9.99	2.47	66
2315559	Drill Core	6.14	0.008	3.89	89.21	3.03	32.9	146	38.7	8.6	210	2.17	78.4	1.6	0.5	2.8	12.5	0.17	1.20	0.47	27
2315560	Drill Core	4.50	0.013	13.41	148.0	11.67	98.3	318	112.1	9.5	317	2.82	190.2	4.6	<0.2	3.0	22.8	0.78	3.31	1.45	119
2315561	Drill Core	2.71	0.011	17.83	231.6	13.09	101.1	958	88.5	12.2	376	2.80	189.0	6.5	<0.2	3.0	13.2	1.02	3.16	2.19	187
2315562	Drill Core	2.43	0.007	19.77	225.5	12.90	108.9	1053	90.8	12.9	373	2.65	132.5	7.7	<0.2	3.0	14.8	1.11	2.74	2.47	189
2315563	Drill Core	4.67	0.012	11.99	180.8	6.62	93.3	890	63.8	17.6	603	2.55	112.6	4.2	0.4	5.0	52.5	0.83	1.21	2.16	107
2315564	Drill Core	4.47	0.011	4.45	46.17	11.56	59.4	665	61.4	15.3	657	2.79	186.5	2.1	3.1	2.6	78.7	0.39	2.78	5.73	82
2315565	Drill Core	6.34	<0.005	7.38	95.18	8.00	67.6	276	54.2	10.6	257	2.47	78.3	3.2	<0.2	2.9	13.9	0.60	1.43	1.40	102
2315566	Drill Core	6.37	0.005	1.56	46.10	4.65	33.6	179	23.3	7.4	234	1.64	101.1	1.7	1.4	2.8	18.8	0.24	1.17	0.69	40
2315567	Drill Core	3.89	<0.005	2.27	33.31	5.42	42.0	156	25.9	7.1	342	1.38	97.7	0.9	<0.2	2.6	39.1	0.31	0.57	0.52	43
2315568	Drill Core	4.55	<0.005	1.93	24.28	4.76	28.9	123	21.8	7.5	304	1.13	66.2	0.9	<0.2	2.3	43.3	0.17	0.48	0.49	31
2315569	Drill Core	3.23	0.015	7.01	122.3	8.14	35.1	510	38.4	8.7	281	1.36	415.0	1.9	1.6	2.1	40.9	0.21	2.47	1.69	34
2315570	Rock Pulp	0.06	0.229	156.2	1909	22.76	66.9	2158	18.4	18.1	380	3.95	27.4	4.5	472.4	11.0	71.4	0.95	3.33	2.34	57
2315571	Rock	1.83	<0.005	0.27	3.17	3.81	45.3	54	4.4	4.5	609	2.14	0.6	2.2	6.8	6.9	71.9	0.02	<0.02	0.19	38
2315572	Drill Core	4.72	0.008	4.85	73.90	4.65	30.0	251	45.4	7.8	244	1.41	126.5	2.2	2.2	3.6	40.3	0.15	0.73	0.86	61
2315573	Drill Core	5.45	0.011	8.27	127.0	12.31	125.2	770	73.2	9.8	249	2.36	216.3	3.2	2.2	4.1	51.0	0.84	1.90	1.43	54
2315574	Drill Core	5.09	0.012	5.39	125.0	7.30	145.2	589	71.6	6.9	201	2.32	228.3	2.7	1.3	2.8	11.6	0.95	2.81	0.63	43
2315575	Drill Core	4.56	0.006	5.55	142.9	9.82	48.4	561	69.7	8.3	437	1.87	109.1	2.7	<0.2	2.9	118.7	0.33	1.72	1.63	69
2315576	Drill Core	6.48	0.006	8.15	32.86	3.39	21.7	148	54.2	8.7	307	1.16	89.7	1.5	<0.2	3.0	79.9	0.13	2.24	1.40	33
2315577	Drill Core	5.58	<0.005	5.37	88.59	6.32	40.1	295	73.2	18.3	309	1.19	153.2	2.3	<0.2	3.9	54.8	0.22	1.50	1.32	46
2315578	Drill Core	5.10	0.006	10.91	102.8	9.13	59.2	627	86.6	34.7	491	1.91	189.3	4.3	0.4	8.4	38.7	0.44	0.43	1.27	81
2315579	Drill Core	4.71	0.006	4.93	99.87	7.30	50.3	402	52.2	10.1	430	1.58	135.6	2.0	<0.2	2.2	36.3	0.32	1.13	1.10	48
2315580	Drill Core	5.25	0.038	3.26	110.7	24.41	63.0	1792	55.6	29.7	346	2.08	643.0	2.0	4.0	2.6	21.4	0.37	2.10	9.77	60
2315581	Drill Core	3.16	0.008	1.58	129.7	3.69	44.4	440	46.6	6.1	221	1.71	70.9	1.8	<0.2	1.9	17.4	0.18	1.76	1.34	59
2315582	Drill Core	3.21	0.011	1.87	122.1	4.08	41.4	402	46.5	6.4	232	1.85	66.1	1.8	<0.2	1.9	17.5	0.20	1.62	1.00	61
2315583	Drill Core	4.45	0.013	3.92	175.4	6.30	85.1	585	66.6	12.3	242	1.85	213.6	1.6	<0.2	1.7	36.0	0.76	2.80	1.53	39
2315584	Drill Core	2.99	<0.005	0.79	3.50	3.25	38.6	122	20.6	8.9	1173	3.51	44.1	2.4	<0.2	4.9	173.7	0.21	0.09	0.71	88
2315585	Drill Core	3.13	0.008	7.99	88.61	4.25	39.4	508	57.0	14.6	488	1.65	160.8	1.8	<0.2	2.0	65.6	0.27	0.96	1.91	52
2315586	Drill Core	4.86	0.008	7.72	164.6	6.43	51.9	447	88.3	12.0	304	1.41	156.9	1.9	<0.2	2.2	46.4	0.43	1.73	1.51	109

CERTIFICATE OF ANALYSIS

WHI13000310.1

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315557	Drill Core	0.97	0.118	2.4	19.3	0.31	51.8	0.001	<20	0.31	0.003	0.10	0.4	1.3	0.28	0.49	5	2.7	0.12	0.9	1.98
2315558	Drill Core	1.99	0.105	4.5	28.4	0.83	46.9	0.001	<20	0.43	0.002	0.10	0.6	2.2	1.41	1.37	8	5.9	0.26	1.3	2.23
2315559	Drill Core	0.31	0.063	8.4	26.1	0.38	77.4	0.002	<20	0.52	0.002	0.11	0.1	1.6	0.12	0.86	5	2.8	0.10	2.2	1.40
2315560	Drill Core	0.45	0.090	12.9	48.4	0.67	50.2	0.003	<20	0.82	<0.001	0.16	0.5	2.4	0.16	1.24	23	10.8	0.19	3.6	3.16
2315561	Drill Core	0.52	0.190	12.4	58.4	0.76	72.7	0.005	<20	1.05	<0.001	0.21	0.6	2.3	0.16	0.94	32	10.6	0.20	4.7	3.37
2315562	Drill Core	0.58	0.215	12.6	58.6	0.72	71.8	0.005	<20	0.99	<0.001	0.21	0.7	2.4	0.14	0.92	18	11.5	0.12	4.6	3.36
2315563	Drill Core	1.02	0.111	16.9	38.4	0.82	52.6	0.002	<20	1.12	0.002	0.11	0.2	3.2	0.11	0.34	16	4.3	0.25	3.6	3.51
2315564	Drill Core	1.15	0.035	20.9	45.0	0.97	36.6	0.003	<20	0.93	0.008	0.05	<0.1	4.0	0.04	0.49	7	2.0	1.63	3.6	1.86
2315565	Drill Core	0.43	0.102	10.8	47.3	0.73	128.7	0.006	<20	1.01	0.010	0.17	0.2	2.6	0.13	0.80	15	6.1	0.11	4.6	3.81
2315566	Drill Core	0.28	0.013	6.8	31.0	0.49	77.9	0.003	<20	0.78	0.014	0.09	<0.1	1.7	0.10	0.25	14	1.9	<0.02	3.4	2.94
2315567	Drill Core	0.57	0.027	7.6	28.2	0.56	31.6	<0.001	<20	0.68	<0.001	0.08	<0.1	1.6	0.06	0.06	<5	0.6	<0.02	2.5	2.47
2315568	Drill Core	0.71	0.017	7.7	10.6	0.37	28.0	<0.001	<20	0.39	0.001	0.07	<0.1	1.6	0.04	0.03	<5	0.4	<0.02	1.6	2.30
2315569	Drill Core	0.76	0.032	6.6	12.1	0.32	35.5	<0.001	<20	0.36	0.002	0.08	0.1	1.6	0.06	0.21	13	2.4	0.03	1.6	2.50
2315570	Rock Pulp	1.84	0.070	18.6	63.9	0.88	52.8	0.035	<20	1.51	0.054	0.53	1.8	6.3	0.30	1.82	105	3.0	0.43	4.7	1.89
2315571	Rock	0.59	0.071	15.4	9.4	0.55	183.0	0.136	<20	1.02	0.103	0.53	<0.1	1.9	0.38	<0.02	<5	<0.1	<0.02	5.4	3.78
2315572	Drill Core	0.60	0.061	12.3	20.7	0.44	70.3	0.002	<20	0.69	0.002	0.14	<0.1	2.4	0.09	0.18	<5	3.6	0.20	2.8	4.28
2315573	Drill Core	0.98	0.108	10.8	16.4	0.39	68.8	0.002	<20	0.52	0.003	0.17	0.2	2.3	0.16	1.16	27	9.9	0.19	1.8	3.12
2315574	Drill Core	0.35	0.118	7.5	20.6	0.27	110.4	0.002	<20	0.47	0.002	0.16	0.3	1.5	0.12	1.15	22	15.0	0.29	2.0	1.84
2315575	Drill Core	1.64	0.167	10.0	22.5	0.59	54.8	0.001	<20	0.50	0.001	0.11	0.2	2.7	0.08	0.40	<5	11.7	0.46	2.1	3.13
2315576	Drill Core	1.95	0.263	7.2	10.8	0.51	48.8	0.002	<20	0.48	0.004	0.06	0.1	2.4	0.04	0.07	14	1.7	0.45	1.3	1.88
2315577	Drill Core	1.14	0.175	15.8	21.8	0.48	72.0	0.004	<20	0.80	0.021	0.10	0.1	2.5	0.06	0.06	8	3.1	0.29	2.8	3.59
2315578	Drill Core	1.09	0.087	21.1	25.6	0.76	109.9	0.001	<20	1.48	0.005	0.17	0.1	3.6	0.14	0.22	8	6.0	0.28	4.3	6.95
2315579	Drill Core	1.19	0.229	7.0	16.0	0.39	57.0	0.001	<20	0.49	0.004	0.09	0.2	2.8	0.08	0.13	6	1.5	0.27	2.0	2.46
2315580	Drill Core	0.45	0.075	7.4	24.6	0.49	104.7	0.003	<20	0.73	0.002	0.15	0.1	2.1	0.14	0.43	7	10.7	0.52	3.0	4.09
2315581	Drill Core	0.56	0.139	5.1	29.3	0.34	84.8	0.004	<20	0.69	0.005	0.12	0.1	2.5	0.12	0.31	17	2.8	0.23	3.8	4.67
2315582	Drill Core	0.54	0.123	4.7	28.8	0.37	82.1	0.004	<20	0.70	0.004	0.12	0.1	2.8	0.11	0.32	13	3.2	0.12	3.9	4.25
2315583	Drill Core	1.02	0.159	3.2	18.1	0.35	55.6	0.001	<20	0.48	0.004	0.11	0.2	2.3	0.17	0.81	15	9.1	0.39	2.3	3.96
2315584	Drill Core	6.43	0.075	8.2	7.0	2.37	461.6	<0.001	<20	1.44	0.032	0.18	<0.1	20.3	0.29	0.13	78	0.2	0.21	2.3	15.00
2315585	Drill Core	2.18	0.266	6.3	19.7	0.70	51.3	0.001	<20	0.60	0.007	0.08	0.9	3.4	0.09	0.07	<5	1.8	0.96	2.5	4.11
2315586	Drill Core	1.37	0.270	6.7	34.1	0.47	64.6	0.002	<20	0.59	0.003	0.12	0.2	3.5	0.12	0.25	14	4.0	0.23	3.2	4.63

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Project: 210800

Report Date: September 09, 2013

Page: 3 of 5

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI13000310.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315557	Drill Core	<0.1	0.07	<0.02	4.5	0.1	<0.05	3.3	9.66	4.4	<0.02	27	0.2	6.1	<10
2315558	Drill Core	<0.1	0.09	<0.02	5.0	0.3	<0.05	3.8	9.82	7.2	0.20	24	0.3	7.3	<10
2315559	Drill Core	<0.1	0.06	<0.02	4.6	0.2	<0.05	3.3	3.78	15.9	<0.02	12	0.2	5.0	<10
2315560	Drill Core	<0.1	0.05	<0.02	8.0	0.6	<0.05	4.0	10.01	20.8	0.03	33	0.5	8.2	14
2315561	Drill Core	<0.1	0.08	<0.02	11.1	0.2	<0.05	4.5	14.08	19.7	0.04	58	0.6	8.8	20
2315562	Drill Core	<0.1	0.05	<0.02	10.7	0.2	<0.05	3.9	14.88	19.0	0.05	57	0.5	7.7	11
2315563	Drill Core	<0.1	0.03	<0.02	5.7	0.2	<0.05	1.8	13.36	31.8	0.11	17	0.3	8.4	<10
2315564	Drill Core	<0.1	0.04	<0.02	2.9	0.3	<0.05	1.9	9.69	39.8	0.05	11	0.3	8.5	<10
2315565	Drill Core	<0.1	0.07	<0.02	9.1	<0.1	<0.05	3.4	8.65	20.8	<0.02	24	0.5	8.4	<10
2315566	Drill Core	<0.1	<0.02	<0.02	4.5	<0.1	<0.05	0.7	3.72	15.8	<0.02	45	0.3	5.9	<10
2315567	Drill Core	<0.1	<0.02	<0.02	3.8	0.3	<0.05	0.6	5.01	16.6	<0.02	4	0.3	6.2	<10
2315568	Drill Core	<0.1	<0.02	<0.02	3.3	0.2	<0.05	0.4	4.18	17.6	<0.02	4	0.3	4.0	<10
2315569	Drill Core	<0.1	<0.02	<0.02	3.8	<0.1	<0.05	0.9	4.08	13.9	0.03	8	0.2	3.8	<10
2315570	Rock Pulp	<0.1	0.10	0.03	33.7	1.6	<0.05	3.0	10.87	36.6	0.05	56	0.5	8.3	23
2315571	Rock	0.2	0.07	0.48	46.0	0.6	<0.05	1.7	6.77	31.5	<0.02	<1	0.3	33.3	<10
2315572	Drill Core	<0.1	0.03	<0.02	6.8	<0.1	<0.05	2.0	7.80	23.7	<0.02	14	0.7	7.4	<10
2315573	Drill Core	<0.1	0.07	<0.02	7.9	0.2	<0.05	4.3	9.45	19.5	0.03	18	0.4	4.4	13
2315574	Drill Core	<0.1	0.11	<0.02	7.2	<0.1	<0.05	5.2	8.01	13.5	0.03	15	0.3	4.2	19
2315575	Drill Core	<0.1	0.06	<0.02	5.1	<0.1	<0.05	4.3	12.33	16.9	<0.02	34	0.5	5.2	26
2315576	Drill Core	<0.1	0.04	<0.02	3.0	<0.1	<0.05	3.0	12.57	13.5	<0.02	31	0.2	8.6	26
2315577	Drill Core	<0.1	0.04	<0.02	5.2	0.1	<0.05	2.9	13.79	28.2	<0.02	34	0.5	9.5	18
2315578	Drill Core	<0.1	0.02	<0.02	8.6	0.3	<0.05	2.4	14.09	39.3	0.05	25	1.3	10.8	<10
2315579	Drill Core	<0.1	0.06	<0.02	4.2	0.2	<0.05	3.0	10.06	13.0	0.06	15	0.3	11.8	15
2315580	Drill Core	<0.1	0.05	<0.02	6.8	0.1	<0.05	2.9	7.55	14.7	0.03	27	0.5	9.6	15
2315581	Drill Core	<0.1	0.04	<0.02	6.4	0.3	<0.05	2.0	6.93	10.8	<0.02	13	0.4	7.7	11
2315582	Drill Core	<0.1	0.03	<0.02	6.1	0.1	<0.05	2.3	6.77	9.7	<0.02	8	0.3	8.3	<10
2315583	Drill Core	<0.1	0.05	<0.02	5.4	0.1	<0.05	3.4	9.58	6.0	<0.02	11	0.2	10.4	20
2315584	Drill Core	<0.1	0.03	<0.02	8.3	0.3	<0.05	1.2	21.24	16.7	0.07	8	1.1	23.8	<10
2315585	Drill Core	<0.1	0.02	<0.02	4.3	0.3	<0.05	2.7	13.73	12.0	0.03	17	0.3	15.5	13
2315586	Drill Core	<0.1	0.04	<0.02	6.9	0.1	<0.05	2.6	13.06	13.0	0.02	12	0.3	10.7	<10

CERTIFICATE OF ANALYSIS

WHI13000310.1

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315587	Drill Core	4.73	0.007	4.51	156.1	5.17	46.9	376	62.6	8.9	280	1.14	128.5	1.3	<0.2	1.4	42.7	0.31	2.63	0.95
2315588	Drill Core	4.14	0.009	11.58	151.8	6.35	61.7	370	75.9	11.6	298	1.14	167.5	2.0	<0.2	2.5	57.4	0.57	3.24	1.77
2315589	Drill Core	3.46	0.005	7.38	61.42	3.91	20.0	179	58.6	14.9	212	0.99	131.0	1.4	<0.2	1.6	42.4	0.14	0.51	1.42
2315590	Rock Pulp	0.06	1.895	3.26	36.16	6.46	54.2	416	29.5	11.9	478	2.92	9.4	0.3	2187	1.0	49.2	0.17	1.13	0.42
2315591	Rock	1.29	<0.005	0.30	3.88	3.37	44.7	10	3.2	4.3	603	2.14	0.6	2.7	2.1	6.5	63.7	0.01	<0.02	0.03
2315592	Drill Core	4.81	0.015	4.34	6.32	2.95	18.9	76	34.1	8.5	614	1.38	251.1	1.0	8.0	2.0	90.6	0.14	0.64	0.65
2315593	Drill Core	5.41	0.020	30.67	5.96	4.07	46.0	128	28.4	5.2	1071	2.61	228.0	2.7	18.7	2.5	155.5	0.26	1.01	1.20
2315594	Drill Core	6.88	0.010	3.71	9.24	4.05	38.9	105	27.2	8.7	1045	1.84	165.5	1.2	5.0	2.3	144.1	0.35	1.07	0.73
2315595	Drill Core	5.36	0.019	13.11	51.46	10.67	62.5	351	51.3	21.8	557	1.06	239.6	2.1	3.4	1.4	56.1	0.77	1.72	1.18
2315596	Drill Core	4.42	0.009	5.05	11.59	3.76	37.1	113	33.9	11.6	383	1.05	152.0	0.9	1.6	2.5	50.6	0.39	0.32	0.72
2315597	Drill Core	3.72	0.013	4.59	56.74	4.15	23.7	209	37.4	13.9	432	1.24	443.2	0.9	1.0	1.5	74.8	0.18	1.16	0.73
2315598	Drill Core	3.95	0.018	4.80	89.32	4.81	35.3	1595	33.6	11.0	1064	2.37	222.8	1.5	8.1	2.5	103.4	0.16	6.17	2.02
2315599	Drill Core	5.39	0.032	1.65	213.3	8.24	25.7	3536	22.1	9.2	1794	2.37	327.7	1.8	28.6	2.4	109.2	0.16	18.99	20.09
2315600	Drill Core	6.54	0.045	9.19	414.4	11.59	96.8	3638	52.4	52.1	1973	3.17	758.9	2.8	35.4	3.4	87.8	1.02	20.00	9.66
2315601	Drill Core	2.52	0.007	2.03	14.52	5.29	30.4	150	36.9	13.4	762	1.70	113.3	0.9	2.0	4.6	95.0	0.14	0.65	0.49
2315602	Drill Core	2.52	0.009	1.93	17.65	5.52	30.5	200	39.1	15.9	753	1.80	122.4	0.9	0.3	4.5	88.5	0.15	0.70	0.52
2315603	Drill Core	5.40	0.010	1.56	53.62	5.18	30.8	143	40.7	13.3	421	2.23	178.8	1.1	3.1	6.2	86.2	0.10	1.35	0.67
2315604	Drill Core	5.50	0.015	4.63	42.32	5.00	133.5	266	70.5	14.3	829	2.87	153.3	2.3	2.8	3.5	76.2	1.27	1.98	1.10
2315605	Drill Core	5.53	0.022	7.44	66.01	3.84	33.2	202	28.7	19.3	288	1.44	612.9	2.4	12.1	3.1	34.7	0.25	0.73	0.82
2315606	Drill Core	5.59	<0.005	7.98	138.0	5.66	29.7	452	54.0	20.0	286	1.73	277.7	3.1	1.0	3.5	41.7	0.22	0.92	1.56
2315607	Drill Core	4.23	<0.005	4.07	126.6	4.17	24.8	422	31.2	22.5	261	1.66	470.5	1.7	<0.2	3.6	50.4	0.15	0.93	1.12
2315608	Drill Core	5.67	0.005	2.71	60.65	4.00	25.1	236	28.1	14.4	309	1.68	191.9	1.0	<0.2	3.8	77.8	0.10	0.75	0.61
2315609	Drill Core	6.18	0.012	10.57	65.16	3.47	23.8	131	26.1	8.7	270	1.32	110.1	3.0	<0.2	3.0	72.9	0.14	0.48	0.68
2315610	Rock Pulp	0.06	0.208	156.0	1847	22.21	63.1	1973	18.3	17.2	370	3.88	26.3	4.6	130.2	11.1	70.0	1.01	3.70	2.20
2315611	Rock	1.22	<0.005	0.06	2.71	3.81	45.2	98	3.0	4.3	553	1.99	0.9	1.8	0.6	6.2	52.3	0.02	0.02	0.27
2315612	Drill Core	5.40	0.011	12.21	54.35	3.81	25.7	129	35.2	10.0	274	1.38	199.2	3.0	2.1	2.9	94.9	0.16	0.70	0.90
2315613	Drill Core	5.60	0.007	1.45	14.76	2.99	36.9	97	23.9	10.9	368	1.64	158.7	1.0	1.6	3.5	121.6	0.23	0.30	0.60
2315614	Drill Core	5.31	0.007	4.93	17.85	4.18	32.2	131	58.7	20.5	462	1.92	211.4	1.2	2.0	3.1	172.7	0.12	0.66	0.76
2315615	Drill Core	6.28	<0.005	5.46	69.60	4.17	27.3	238	91.6	23.6	430	2.88	191.8	2.1	0.6	4.2	173.2	0.12	1.52	1.06
2315616	Drill Core	5.33	0.009	19.15	92.33	4.69	46.8	280	99.8	18.7	279	2.28	504.3	8.3	<0.2	4.8	100.8	0.26	1.91	1.36

CERTIFICATE OF ANALYSIS

WHI13000310.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315587	Drill Core		1.32	0.244	4.2	23.2	0.39	56.6	0.001	<20	0.48	0.006	0.09	0.2	3.3	0.11	0.19	20	2.2	0.32	2.7	3.67
2315588	Drill Core		1.36	0.176	9.7	21.3	0.38	52.1	0.001	<20	0.46	0.003	0.10	0.3	3.8	0.08	0.12	<5	1.5	0.43	1.9	3.44
2315589	Drill Core		1.34	0.289	4.3	18.4	0.34	66.5	0.001	<20	0.73	0.014	0.11	0.2	3.6	0.12	0.04	11	0.4	0.50	2.2	9.51
2315590	Rock Pulp		0.98	0.058	5.3	35.5	0.90	120.6	0.144	<20	1.84	0.107	0.16	13.9	5.5	0.05	0.04	118	<0.1	0.05	6.2	0.50
2315591	Rock		0.48	0.073	14.9	7.5	0.53	176.0	0.129	<20	0.98	0.087	0.52	<0.1	2.2	0.34	<0.02	<5	<0.1	<0.02	5.0	3.60
2315592	Drill Core		2.38	0.050	2.8	11.6	0.85	128.4	<0.001	<20	0.49	0.006	0.10	<0.1	3.8	0.13	0.04	11	<0.1	0.43	1.1	4.66
2315593	Drill Core		3.80	0.047	5.1	10.6	1.42	44.0	<0.001	<20	0.46	0.005	0.13	<0.1	3.1	0.25	0.35	21	0.4	0.42	1.2	5.11
2315594	Drill Core		4.13	0.085	2.5	8.4	1.48	53.5	<0.001	<20	0.43	0.005	0.13	0.1	2.5	0.21	0.06	19	0.2	0.31	0.9	4.66
2315595	Drill Core		1.55	0.173	3.6	22.4	0.48	41.6	<0.001	<20	0.34	0.005	0.10	0.2	2.1	0.12	0.06	18	0.8	0.48	1.0	3.09
2315596	Drill Core		1.29	0.047	2.5	21.2	0.48	50.9	<0.001	<20	0.49	0.008	0.11	<0.1	4.0	0.12	0.07	7	0.3	0.16	1.2	6.96
2315597	Drill Core		1.88	0.057	2.0	18.3	0.69	66.2	<0.001	<20	0.44	0.005	0.11	<0.1	3.1	0.20	0.19	8	1.8	0.17	1.1	6.65
2315598	Drill Core		3.07	0.062	5.6	18.1	1.20	54.8	<0.001	<20	0.63	0.009	0.13	4.9	3.4	0.47	0.29	16	0.8	0.50	1.6	5.75
2315599	Drill Core		3.43	0.038	5.0	13.5	1.17	114.4	<0.001	<20	0.41	0.007	0.06	0.1	2.1	0.27	0.50	26	0.6	0.39	1.1	2.38
2315600	Drill Core		2.71	0.053	8.8	16.8	1.11	63.5	<0.001	<20	0.82	0.010	0.11	<0.1	4.1	0.17	0.51	15	0.8	1.07	2.1	5.14
2315601	Drill Core		1.94	0.043	15.3	26.0	0.93	222.0	<0.001	<20	0.71	0.008	0.15	<0.1	4.5	0.12	0.04	<5	<0.1	0.11	2.3	6.17
2315602	Drill Core		1.86	0.039	12.6	24.3	0.91	310.9	<0.001	<20	0.72	0.007	0.14	<0.1	4.0	0.13	0.06	7	0.2	0.07	2.3	5.46
2315603	Drill Core		1.54	0.045	18.5	40.8	1.03	154.1	0.005	<20	1.23	0.034	0.22	<0.1	4.1	0.16	0.13	16	0.9	0.04	4.6	7.27
2315604	Drill Core		2.16	0.146	10.3	56.6	1.57	50.9	0.002	<20	1.37	0.005	0.08	<0.1	4.6	0.15	0.37	14	1.4	0.24	5.3	3.73
2315605	Drill Core		0.74	0.054	10.4	21.1	0.49	44.4	<0.001	<20	0.63	0.008	0.08	<0.1	2.3	0.06	0.11	7	1.5	0.27	2.3	2.65
2315606	Drill Core		0.75	0.112	8.8	39.1	0.61	114.7	0.001	<20	0.80	0.011	0.10	0.2	2.8	0.08	0.31	<5	4.9	0.09	3.2	3.55
2315607	Drill Core		0.67	0.027	11.8	29.9	0.58	101.7	<0.001	<20	0.73	0.011	0.09	<0.1	2.3	0.13	0.39	6	1.6	0.15	3.0	3.18
2315608	Drill Core		0.96	0.028	11.8	25.8	0.73	115.4	0.002	<20	0.77	0.015	0.07	<0.1	4.0	0.10	0.16	<5	0.7	0.13	3.3	3.73
2315609	Drill Core		0.97	0.086	13.1	36.6	0.67	140.0	0.005	<20	0.75	0.030	0.05	0.1	3.2	<0.02	0.04	8	0.5	0.11	3.8	4.35
2315610	Rock Pulp		1.78	0.067	17.8	58.8	0.83	60.3	0.033	<20	1.42	0.055	0.50	1.8	5.8	0.30	1.75	107	2.7	0.29	4.8	1.81
2315611	Rock		0.54	0.071	13.3	9.5	0.53	157.4	0.121	<20	0.89	0.068	0.48	<0.1	2.1	0.33	<0.02	<5	<0.1	<0.02	4.7	3.73
2315612	Drill Core		1.01	0.078	9.6	21.1	0.61	74.8	0.001	<20	0.66	0.013	0.06	0.1	2.8	0.04	0.09	12	0.8	0.08	3.1	2.89
2315613	Drill Core		1.49	0.032	15.3	18.8	0.83	104.6	<0.001	<20	0.80	0.011	0.07	<0.1	4.0	0.05	0.04	20	0.1	0.12	3.0	4.13
2315614	Drill Core		2.66	0.054	12.2	34.9	1.13	110.1	<0.001	<20	0.82	0.004	0.10	<0.1	5.5	0.06	0.04	13	0.9	0.07	2.7	5.88
2315615	Drill Core		2.51	0.105	12.9	84.7	1.59	398.5	0.071	<20	1.75	0.126	0.33	0.1	6.4	0.44	0.39	16	2.6	0.04	6.2	8.10
2315616	Drill Core		1.87	0.197	17.1	40.9	0.97	213.2	0.006	<20	1.19	0.013	0.20	0.1	5.8	0.33	0.43	<5	5.1	0.16	4.5	6.87

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Project: 210800

Report Date: September 09, 2013

Page: 4 of 5

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI13000310.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315587	Drill Core	<0.1	0.04	<0.02	5.1	0.1	<0.05	2.6	10.58	7.9	<0.02	4	0.5	13.7	12
2315588	Drill Core	<0.1	0.05	<0.02	5.2	0.2	<0.05	3.6	11.38	16.7	0.02	27	0.3	9.4	11
2315589	Drill Core	<0.1	<0.02	<0.02	7.1	0.1	<0.05	1.5	14.59	7.6	0.02	22	0.5	28.0	15
2315590	Rock Pulp	<0.1	0.18	0.04	6.1	0.5	<0.05	4.3	7.84	11.7	0.02	<1	0.4	13.7	<10
2315591	Rock	0.1	0.08	0.36	47.5	0.6	<0.05	1.2	5.70	28.0	<0.02	<1	0.4	33.6	<10
2315592	Drill Core	<0.1	<0.02	<0.02	5.7	<0.1	<0.05	1.0	12.20	5.8	0.04	6	0.4	15.9	<10
2315593	Drill Core	<0.1	<0.02	<0.02	8.5	0.4	<0.05	1.5	15.00	9.6	0.14	20	0.8	7.1	<10
2315594	Drill Core	<0.1	<0.02	<0.02	7.9	0.2	<0.05	1.1	13.85	5.1	0.08	3	0.5	8.5	<10
2315595	Drill Core	<0.1	0.02	<0.02	5.8	0.7	<0.05	2.1	10.04	6.5	0.06	22	0.3	6.5	<10
2315596	Drill Core	<0.1	<0.02	<0.02	6.2	0.1	<0.05	0.5	8.82	5.5	0.03	10	0.4	12.8	<10
2315597	Drill Core	<0.1	<0.02	<0.02	5.7	0.4	<0.05	0.7	7.41	4.6	<0.02	10	0.4	11.6	<10
2315598	Drill Core	<0.1	<0.02	<0.02	5.5	0.3	<0.05	1.3	12.24	10.9	0.11	13	0.5	12.5	<10
2315599	Drill Core	<0.1	<0.02	<0.02	3.1	0.7	<0.05	1.1	10.84	8.8	0.16	4	0.4	8.5	<10
2315600	Drill Core	<0.1	<0.02	<0.02	5.0	0.7	<0.05	0.9	13.43	16.7	0.22	12	0.4	17.7	<10
2315601	Drill Core	<0.1	<0.02	<0.02	6.7	0.3	<0.05	0.6	11.51	31.9	0.05	<1	0.8	7.7	<10
2315602	Drill Core	<0.1	<0.02	<0.02	6.1	0.1	<0.05	0.7	10.19	26.9	0.03	1	0.6	7.4	<10
2315603	Drill Core	<0.1	0.03	<0.02	10.5	0.4	<0.05	1.5	10.88	37.2	<0.02	3	0.9	12.2	<10
2315604	Drill Core	<0.1	0.05	<0.02	4.7	0.4	<0.05	2.3	15.69	21.4	0.11	5	0.4	12.3	<10
2315605	Drill Core	<0.1	0.04	<0.02	4.0	0.2	<0.05	2.3	6.38	20.0	0.03	13	0.4	5.4	<10
2315606	Drill Core	<0.1	0.04	<0.02	4.6	<0.1	<0.05	2.7	8.73	17.7	0.02	21	0.4	7.6	<10
2315607	Drill Core	<0.1	0.03	<0.02	4.4	0.1	<0.05	1.6	6.20	23.5	<0.02	7	0.6	7.9	<10
2315608	Drill Core	<0.1	<0.02	<0.02	3.5	<0.1	<0.05	1.3	8.20	25.8	0.02	3	0.5	9.8	<10
2315609	Drill Core	<0.1	0.04	<0.02	3.1	0.1	<0.05	1.5	9.78	24.3	0.03	21	0.4	11.9	<10
2315610	Rock Pulp	<0.1	0.09	0.03	33.2	1.7	<0.05	3.0	10.68	34.8	0.04	45	0.5	7.2	21
2315611	Rock	<0.1	0.07	0.43	43.4	0.6	<0.05	1.2	5.21	26.1	<0.02	<1	0.3	30.8	<10
2315612	Drill Core	<0.1	0.04	<0.02	3.4	0.4	<0.05	1.7	9.13	19.2	0.02	23	0.3	7.7	<10
2315613	Drill Core	<0.1	<0.02	<0.02	4.1	0.4	<0.05	0.6	9.06	31.0	0.08	1	0.5	9.2	<10
2315614	Drill Core	<0.1	<0.02	<0.02	5.3	0.4	<0.05	0.6	10.54	26.0	0.04	5	1.0	12.8	<10
2315615	Drill Core	0.1	0.04	0.06	19.4	0.3	<0.05	2.1	11.45	27.6	0.04	10	0.8	15.9	<10
2315616	Drill Core	<0.1	0.04	<0.02	9.9	0.2	<0.05	3.5	17.09	33.2	0.02	34	1.0	15.3	<10

CERTIFICATE OF ANALYSIS

WHI13000310.1

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315617	Drill Core	6.20	0.012	8.76	22.43	2.86	38.6	82	41.6	16.3	266	1.45	226.7	3.3	2.2	3.5	62.9	0.18	0.35	0.73
2315618	Drill Core	5.17	0.012	3.21	8.70	3.97	29.0	66	38.7	23.8	426	2.19	1259	2.7	2.6	8.7	162.0	0.14	0.71	0.64
2315619	Drill Core	5.48	0.008	1.82	40.98	3.27	22.3	98	33.0	12.9	334	2.59	463.9	1.8	<0.2	9.7	143.4	0.05	1.11	0.53
2315620	Drill Core	6.19	0.031	10.17	15.66	8.20	20.3	309	46.0	18.5	249	1.79	449.3	2.2	14.2	8.8	82.4	0.07	0.65	6.50
2315621	Drill Core	2.81	0.011	1.91	6.53	5.24	30.3	118	38.6	15.6	472	2.24	311.0	2.4	2.9	9.6	64.3	0.12	0.42	0.91
2315622	Drill Core	2.29	0.007	2.30	9.09	4.83	28.2	107	39.8	15.9	452	2.25	234.6	2.3	3.1	9.6	69.7	0.13	0.44	0.67
2315623	Drill Core	4.87	0.010	2.53	4.32	4.80	14.6	78	19.9	9.6	203	1.08	194.7	1.3	3.3	7.3	42.5	0.07	0.35	0.45
2315624	Drill Core	5.88	0.005	1.61	12.33	2.40	17.6	48	31.7	9.6	202	1.36	117.1	1.4	<0.2	6.3	50.7	0.06	0.49	0.38
2315625	Drill Core	5.37	0.012	3.70	5.91	3.49	15.5	64	36.8	12.0	172	1.14	121.9	2.2	9.8	7.0	86.7	0.07	0.96	0.72
2315626	Drill Core	5.42	0.011	1.06	4.08	3.34	18.9	43	37.3	13.9	191	1.64	114.3	1.5	11.4	10.2	127.1	0.07	0.43	0.41
2315627	Drill Core	6.48	0.011	3.52	5.49	2.77	15.7	33	44.0	12.5	188	2.17	115.3	2.3	3.9	9.2	134.1	0.04	0.84	0.83
2315628	Drill Core	6.99	0.005	1.04	3.57	2.19	21.7	22	44.1	16.8	276	3.00	85.1	1.5	<0.2	12.2	115.0	0.04	0.54	0.44
2315629	Drill Core	5.99	<0.005	1.17	4.32	2.81	18.9	26	43.6	12.8	233	2.51	80.1	1.4	<0.2	10.5	79.6	0.06	0.41	0.40
2315630	Rock Pulp	0.06	2.217	3.39	33.98	5.89	51.9	307	25.5	11.1	455	2.84	8.6	0.3	1128	0.9	40.9	0.18	0.84	0.15
2315631	Rock	1.78	<0.005	0.18	4.03	3.65	44.1	18	3.1	3.5	562	1.91	0.7	2.0	0.7	6.2	54.9	<0.01	<0.02	0.05
2315632	Drill Core	5.61	0.009	2.32	4.90	2.79	20.1	78	43.9	18.5	364	1.99	121.6	1.3	3.7	9.2	68.2	0.07	0.40	1.18
2315633	Drill Core	5.74	0.008	3.23	4.12	3.56	19.0	117	36.8	10.1	288	1.49	52.3	2.1	4.4	8.2	73.4	0.13	0.32	1.81
2315634	Drill Core	4.63	0.011	1.12	3.54	2.91	19.0	74	25.5	9.3	375	1.58	47.8	1.1	7.3	8.3	68.2	0.08	0.14	0.61
2315635	Drill Core	5.09	0.007	1.41	6.10	7.50	51.0	280	46.5	14.6	473	1.45	90.8	1.4	4.0	7.1	113.1	0.51	0.30	1.57

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Project: 210800

Report Date: September 09, 2013

Page: 5 of 5

Part: 2 of 3

CERTIFICATE OF ANALYSIS

WHI13000310.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315617 Drill Core	1.11	0.113	19.8	23.3	0.55	49.3	<0.001	<20	0.59	0.003	0.09	<0.1	3.4	0.07	0.07	8	0.5	0.18	2.1	3.25
2315618 Drill Core	2.47	0.058	24.0	35.1	1.23	140.3	0.023	<20	1.12	0.046	0.29	<0.1	6.3	0.15	0.09	15	0.4	0.18	4.9	5.40
2315619 Drill Core	1.73	0.060	30.4	45.3	1.12	185.3	0.024	<20	1.71	0.068	0.31	<0.1	4.7	0.17	0.14	7	1.4	0.05	7.7	7.35
2315620 Drill Core	1.12	0.060	18.4	41.5	0.84	360.5	0.071	<20	1.41	0.109	0.38	0.1	4.7	0.22	0.05	<5	0.8	1.84	6.9	5.13
2315621 Drill Core	1.79	0.061	30.2	47.5	1.35	112.7	0.099	<20	1.42	0.069	0.10	0.2	6.1	0.04	0.05	5	0.3	0.09	7.9	2.62
2315622 Drill Core	1.90	0.072	28.0	58.9	1.36	144.0	0.119	<20	1.49	0.084	0.16	0.3	6.9	0.06	0.05	13	0.1	0.14	7.8	2.72
2315623 Drill Core	0.94	0.044	19.6	27.8	0.58	141.5	0.070	<20	0.76	0.067	0.06	0.2	2.8	0.03	<0.02	<5	0.2	0.06	4.3	3.17
2315624 Drill Core	0.68	0.061	13.8	40.5	0.77	309.9	0.059	<20	1.12	0.076	0.17	0.2	3.3	0.08	<0.02	<5	<0.1	0.10	5.8	4.09
2315625 Drill Core	0.96	0.104	19.1	38.6	0.53	292.9	0.072	<20	1.23	0.160	0.10	0.3	3.3	0.04	<0.02	10	0.2	0.19	5.6	4.01
2315626 Drill Core	1.01	0.038	19.4	41.1	0.87	427.7	0.107	<20	1.97	0.186	0.47	0.2	4.3	0.29	<0.02	<5	<0.1	<0.02	7.8	5.89
2315627 Drill Core	1.13	0.102	23.7	48.9	0.89	346.5	0.129	<20	1.99	0.175	0.60	0.2	4.7	0.37	<0.02	<5	<0.1	0.13	8.9	4.71
2315628 Drill Core	1.41	0.106	24.9	52.7	1.25	425.8	0.152	<20	2.83	0.188	1.02	0.3	7.1	0.58	<0.02	9	0.1	0.03	10.9	7.61
2315629 Drill Core	1.15	0.051	27.4	56.9	1.14	294.2	0.105	<20	2.14	0.167	0.73	0.2	6.1	0.43	<0.02	13	<0.1	0.10	9.2	8.55
2315630 Rock Pulp	0.86	0.058	4.4	29.5	0.84	109.5	0.119	<20	1.69	0.095	0.15	13.4	5.0	0.06	0.04	103	0.1	0.08	5.7	0.42
2315631 Rock	0.43	0.067	12.5	9.3	0.47	150.2	0.114	<20	0.83	0.074	0.45	<0.1	2.3	0.31	<0.02	6	<0.1	0.04	4.9	3.33
2315632 Drill Core	2.09	0.052	19.9	47.3	0.98	140.4	0.042	<20	1.46	0.070	0.28	<0.1	6.3	0.26	<0.02	7	0.3	0.26	6.8	6.07
2315633 Drill Core	2.15	0.175	25.5	52.5	0.98	46.4	0.035	<20	1.25	0.093	0.06	0.1	6.7	0.04	<0.02	<5	0.3	0.65	6.3	3.38
2315634 Drill Core	2.40	0.037	27.0	46.0	0.52	38.0	0.001	<20	0.92	0.038	0.06	<0.1	6.0	0.11	0.02	14	0.1	0.13	4.0	5.44
2315635 Drill Core	4.04	0.064	16.6	39.9	0.39	43.3	0.016	<20	1.00	0.060	0.07	<0.1	8.3	0.11	0.03	16	0.2	0.31	3.9	6.34

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Report Date: September 09, 2013

Page: 5 of 5

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI13000310.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315617	Drill Core	<0.1	0.02	<0.02	4.4	0.2	<0.05	1.5	9.73	35.3	0.03	13	0.3	9.0	<10
2315618	Drill Core	<0.1	<0.02	0.04	15.4	0.3	<0.05	1.0	16.13	52.8	0.04	1	0.6	10.3	<10
2315619	Drill Core	<0.1	0.02	0.03	15.8	0.3	<0.05	1.4	14.15	62.4	0.03	5	0.6	20.8	<10
2315620	Drill Core	<0.1	0.05	0.07	19.6	0.5	<0.05	1.8	9.65	37.3	<0.02	2	0.6	15.2	<10
2315621	Drill Core	0.2	0.05	0.09	5.0	0.9	<0.05	1.9	11.37	56.5	0.05	2	0.5	14.5	<10
2315622	Drill Core	0.1	0.06	0.09	7.5	0.9	<0.05	1.9	11.56	53.2	0.04	5	0.5	15.6	<10
2315623	Drill Core	<0.1	0.04	0.12	3.3	0.5	<0.05	1.4	7.74	39.3	0.04	2	0.3	8.3	<10
2315624	Drill Core	<0.1	0.07	0.06	8.4	0.4	<0.05	1.8	8.64	28.0	<0.02	2	0.5	12.7	<10
2315625	Drill Core	<0.1	0.06	0.13	5.3	0.5	<0.05	1.7	10.86	37.2	0.02	11	0.5	8.1	<10
2315626	Drill Core	<0.1	0.03	0.10	25.4	0.4	<0.05	1.3	8.94	43.0	<0.02	<1	0.6	15.5	<10
2315627	Drill Core	0.2	0.04	0.12	34.0	0.5	<0.05	1.6	10.37	49.0	<0.02	8	0.7	12.1	<10
2315628	Drill Core	0.1	0.03	0.11	52.8	0.5	<0.05	1.1	11.19	53.6	0.02	1	0.7	21.1	<10
2315629	Drill Core	0.1	<0.02	0.13	40.1	0.4	<0.05	1.0	11.62	58.0	<0.02	<1	0.5	14.6	<10
2315630	Rock Pulp	<0.1	0.16	0.03	5.2	0.5	<0.05	5.2	6.77	9.2	0.04	<1	0.3	12.6	<10
2315631	Rock	0.1	0.07	0.39	42.2	0.9	<0.05	1.3	5.29	22.6	<0.02	<1	0.2	30.1	<10
2315632	Drill Core	<0.1	0.03	0.04	18.0	0.7	<0.05	1.1	13.45	41.8	0.03	<1	0.5	14.6	<10
2315633	Drill Core	0.1	0.04	0.05	3.7	1.0	<0.05	1.8	15.14	48.7	0.05	6	0.5	16.6	<10
2315634	Drill Core	<0.1	<0.02	<0.02	3.7	0.9	<0.05	0.6	16.77	55.5	0.08	<1	0.6	8.6	<10
2315635	Drill Core	<0.1	<0.02	0.03	4.7	0.8	<0.05	1.1	19.07	35.0	0.06	<1	0.8	9.1	<10

QUALITY CONTROL REPORT

WHI13000310.1

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
Pulp Duplicates																					
REP 2315532	QC			1.20	11.95	3.03	37.0	102	18.3	13.9	313	1.39	88.8	0.7	1.3	8.3	42.0	0.22	1.18	1.88	21
2315561	Drill Core	2.71	0.011	17.83	231.6	13.09	101.1	958	88.5	12.2	376	2.80	189.0	6.5	<0.2	3.0	13.2	1.02	3.16	2.19	187
REP 2315561	QC		0.007																		
2315567	Drill Core	3.89	<0.005	2.27	33.31	5.42	42.0	156	25.9	7.1	342	1.38	97.7	0.9	<0.2	2.6	39.1	0.31	0.57	0.52	43
REP 2315567	QC			2.12	32.80	5.20	38.0	140	23.0	6.5	337	1.36	92.4	0.9	<0.2	2.5	38.2	0.30	0.56	0.46	43
2315602	Drill Core	2.52	0.009	1.93	17.65	5.52	30.5	200	39.1	15.9	753	1.80	122.4	0.9	0.3	4.5	88.5	0.15	0.70	0.52	38
REP 2315602	QC			1.92	18.40	5.63	31.2	214	37.4	15.0	779	1.80	131.1	0.9	<0.2	4.7	88.0	0.15	0.71	0.56	38
2315635	Drill Core	5.09	0.007	1.41	6.10	7.50	51.0	280	46.5	14.6	473	1.45	90.8	1.4	4.0	7.1	113.1	0.51	0.30	1.57	40
REP 2315635	QC			1.45	6.28	7.53	52.8	292	47.3	14.6	451	1.44	89.1	1.4	2.9	7.2	105.3	0.56	0.28	1.63	41
REP 2315602	QC			1.81	17.04	5.98	28.6	189	35.3	14.9	720	1.71	112.0	0.9	<0.2	4.8	87.5	0.18	0.38	0.84	37
REP 2315590	QC		1.680																		
Core Reject Duplicates																					
2315532	Drill Core	6.47	<0.005	1.18	12.20	3.33	41.7	131	18.8	14.8	336	1.42	95.9	0.7	1.5	9.0	43.8	0.23	1.23	2.23	22
DUP 2315532	Drill Core		<0.005	1.18	11.58	3.39	36.6	104	19.2	14.6	339	1.44	95.6	0.8	2.3	9.3	45.9	0.26	1.25	2.14	22
2315566	Drill Core	6.37	0.005	1.56	46.10	4.65	33.6	179	23.3	7.4	234	1.64	101.1	1.7	1.4	2.8	18.8	0.24	1.17	0.69	40
DUP 2315566	Drill Core		0.005	1.46	44.63	4.59	31.0	162	23.5	7.2	229	1.58	99.9	1.4	<0.2	2.5	16.9	0.18	1.03	0.53	40
2315600	Drill Core	6.54	0.045	9.19	414.4	11.59	96.8	3638	52.4	52.1	1973	3.17	758.9	2.8	35.4	3.4	87.8	1.02	20.00	9.66	41
DUP 2315600	Drill Core		0.047	10.27	645.7	12.09	109.4	4894	52.8	51.0	2031	3.18	665.4	2.8	31.4	3.6	91.1	1.04	28.01	12.65	39
2315634	Drill Core	4.63	0.011	1.12	3.54	2.91	19.0	74	25.5	9.3	375	1.58	47.8	1.1	7.3	8.3	68.2	0.08	0.14	0.61	34
DUP 2315634	Drill Core		0.013	1.04	3.34	2.83	18.5	75	25.6	9.6	370	1.53	48.0	1.1	7.7	8.7	67.5	0.09	0.13	0.62	33
Reference Materials																					
STD DS9	Standard			14.27	123.1	135.1	322.0	1893	44.7	8.3	575	2.39	25.4	2.5	98.8	6.0	62.4	2.36	4.06	5.77	40
STD DS9	Standard			13.42	113.6	141.4	324.7	1698	41.1	8.4	595	2.43	26.6	2.9	106.9	6.8	78.6	2.60	4.67	6.91	41
STD DS9	Standard			14.64	109.0	132.9	318.8	1853	39.8	7.9	567	2.39	27.8	2.9	110.9	6.2	73.0	2.47	4.11	7.04	41
STD DS9	Standard			12.26	110.1	129.0	299.6	1925	40.7	7.9	589	2.30	26.5	3.1	103.6	6.5	75.0	2.46	4.78	5.93	41
STD DS9	Standard			13.10	114.7	134.8	331.9	1948	42.4	7.5	604	2.44	25.9	2.5	102.4	6.1	71.0	2.42	5.40	6.79	43
STD OREAS45EA	Standard			1.41	703.1	12.57	28.9	263	394.6	55.2	403	24.08	8.1	1.6	50.2	9.1	3.1	0.03	0.14	0.21	311
STD OREAS45EA	Standard			1.10	724.1	14.91	30.3	342	408.1	51.6	404	24.67	9.5	1.9	60.0	11.8	3.9	0.02	0.14	0.64	320

QUALITY CONTROL REPORT

WHI13000310.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																			
REP 2315532	QC	1.33	0.067	14.5	28.9	0.51	51.6	0.134	<20	0.82	0.098	0.13	0.2	2.2	0.05	0.03	<5	0.4	0.06
2315561	Drill Core	0.52	0.190	12.4	58.4	0.76	72.7	0.005	<20	1.05	<0.001	0.21	0.6	2.3	0.16	0.94	32	10.6	0.20
REP 2315561	QC																		
2315567	Drill Core	0.57	0.027	7.6	28.2	0.56	31.6	<0.001	<20	0.68	<0.001	0.08	<0.1	1.6	0.06	0.06	<5	0.6	<0.02
REP 2315567	QC	0.56	0.027	7.5	29.1	0.55	32.0	<0.001	<20	0.68	0.001	0.08	<0.1	1.4	0.05	0.06	<5	0.9	0.02
2315602	Drill Core	1.86	0.039	12.6	24.3	0.91	310.9	<0.001	<20	0.72	0.007	0.14	<0.1	4.0	0.13	0.06	7	0.2	0.07
REP 2315602	QC	1.87	0.043	13.6	24.7	0.91	324.5	<0.001	<20	0.71	0.007	0.13	<0.1	4.0	0.15	0.06	<5	0.3	0.10
2315635	Drill Core	4.04	0.064	16.6	39.9	0.39	43.3	0.016	<20	1.00	0.060	0.07	<0.1	8.3	0.11	0.03	16	0.2	0.31
REP 2315635	QC	4.04	0.061	16.9	38.0	0.39	43.9	0.014	<20	1.00	0.060	0.07	<0.1	8.5	0.10	0.03	23	<0.1	0.42
REP 2315602	QC	1.83	0.038	13.5	25.8	0.87	329.6	<0.001	<20	0.73	0.007	0.14	<0.1	3.4	0.13	0.05	<5	0.4	0.10
REP 2315590	QC																		
Core Reject Duplicates																			
2315532	Drill Core	1.35	0.072	14.9	31.5	0.52	53.6	0.149	<20	0.82	0.094	0.13	0.2	2.5	0.05	0.03	<5	0.3	0.10
DUP 2315532	Drill Core	1.38	0.067	15.7	31.1	0.53	56.0	0.144	<20	0.86	0.103	0.14	0.2	2.6	0.05	0.03	<5	0.3	0.10
2315566	Drill Core	0.28	0.013	6.8	31.0	0.49	77.9	0.003	<20	0.78	0.014	0.09	<0.1	1.7	0.10	0.25	14	1.9	<0.02
DUP 2315566	Drill Core	0.27	0.012	6.5	31.4	0.49	72.6	0.003	<20	0.78	0.013	0.09	<0.1	1.6	0.08	0.24	10	1.7	<0.02
2315600	Drill Core	2.71	0.053	8.8	16.8	1.11	63.5	<0.001	<20	0.82	0.010	0.11	<0.1	4.1	0.17	0.51	15	0.8	1.07
DUP 2315600	Drill Core	2.76	0.056	10.1	17.3	1.11	65.6	<0.001	<20	0.74	0.010	0.10	<0.1	4.2	0.17	0.58	20	1.3	1.86
2315634	Drill Core	2.40	0.037	27.0	46.0	0.52	38.0	0.001	<20	0.92	0.038	0.06	<0.1	6.0	0.11	0.02	14	0.1	0.13
DUP 2315634	Drill Core	2.33	0.039	27.4	44.1	0.49	37.3	0.001	<20	0.90	0.042	0.06	<0.1	5.9	0.11	0.02	13	0.2	0.05
Reference Materials																			
STD DS9	Standard	0.73	0.083	12.5	116.3	0.63	315.9	0.097	<20	0.96	0.083	0.41	2.6	2.3	5.39	0.17	209	5.4	4.97
STD DS9	Standard	0.76	0.086	14.3	118.7	0.65	342.4	0.118	<20	0.99	0.086	0.42	2.8	2.3	5.86	0.17	233	5.6	5.31
STD DS9	Standard	0.71	0.086	12.7	122.5	0.63	337.1	0.108	<20	0.95	0.079	0.40	3.1	2.4	5.55	0.17	214	5.7	5.41
STD DS9	Standard	0.75	0.081	15.0	112.2	0.61	332.0	0.114	<20	0.95	0.084	0.40	2.8	2.3	5.53	0.17	204	5.6	5.36
STD DS9	Standard	0.75	0.085	12.1	119.5	0.63	327.0	0.116	<20	0.98	0.093	0.41	2.8	2.6	5.46	0.18	216	5.2	5.03
STD OREAS45EA	Standard	0.03	0.030	6.9	1007	0.08	146.3	0.085	<20	3.22	0.016	0.05	<0.1	73.3	<0.02	0.04	12	0.5	0.06
STD OREAS45EA	Standard	0.04	0.027	6.9	834.7	0.10	151.8	0.092	<20	3.37	0.016	0.05	<0.1	86.3	<0.02	0.04	<5	0.7	0.02

QUALITY CONTROL REPORT

WHI13000310.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates																
REP 2315532	QC	<0.1	0.07	0.15	5.6	0.6	<0.05	1.4	5.48	26.4	0.04	<1	0.4	5.9	<10	3
2315561	Drill Core	<0.1	0.08	<0.02	11.1	0.2	<0.05	4.5	14.08	19.7	0.04	58	0.6	8.8	20	5
REP 2315561																
2315567	Drill Core	<0.1	<0.02	<0.02	3.8	0.3	<0.05	0.6	5.01	16.6	<0.02	4	0.3	6.2	<10	3
REP 2315567	QC	<0.1	<0.02	<0.02	3.8	0.2	<0.05	0.6	4.93	16.7	<0.02	<1	0.3	6.3	<10	<2
2315602	Drill Core	<0.1	<0.02	<0.02	6.1	0.1	<0.05	0.7	10.19	26.9	0.03	1	0.6	7.4	<10	<2
REP 2315602	QC	<0.1	0.03	<0.02	6.4	0.2	<0.05	0.5	10.75	28.8	0.05	1	0.7	7.9	<10	2
2315635	Drill Core	<0.1	<0.02	0.03	4.7	0.8	<0.05	1.1	19.07	35.0	0.06	<1	0.8	9.1	<10	2
REP 2315635	QC	<0.1	<0.02	0.03	4.4	0.8	<0.05	1.0	18.06	34.8	0.06	<1	0.8	9.1	<10	4
REP 2315602	QC	<0.1	<0.02	<0.02	6.9	0.2	<0.05	0.7	10.74	28.2	0.04	1	0.8	7.6	<10	<2
REP 2315590																
Core Reject Duplicates																
2315532	Drill Core	<0.1	0.08	0.21	5.6	0.6	<0.05	1.4	5.84	26.4	0.05	2	0.6	6.1	<10	<2
DUP 2315532	Drill Core	<0.1	0.07	0.18	5.9	0.7	<0.05	1.4	5.87	28.3	0.03	<1	0.4	6.3	<10	<2
2315566	Drill Core	<0.1	<0.02	<0.02	4.5	<0.1	<0.05	0.7	3.72	15.8	<0.02	45	0.3	5.9	<10	4
DUP 2315566	Drill Core	<0.1	<0.02	<0.02	4.9	0.1	<0.05	0.6	3.74	16.2	<0.02	39	0.4	5.8	<10	2
2315600	Drill Core	<0.1	<0.02	<0.02	5.0	0.7	<0.05	0.9	13.43	16.7	0.22	12	0.4	17.7	<10	<2
DUP 2315600	Drill Core	<0.1	0.02	<0.02	4.7	1.0	<0.05	1.0	13.88	18.2	0.33	6	0.6	16.6	<10	<2
2315634	Drill Core	<0.1	<0.02	<0.02	3.7	0.9	<0.05	0.6	16.77	55.5	0.08	<1	0.6	8.6	<10	2
DUP 2315634	Drill Core	<0.1	<0.02	<0.02	4.1	0.9	<0.05	0.6	16.14	51.7	0.08	<1	0.7	8.8	<10	2
Reference Materials																
STD DS9	Standard	<0.1	0.08	0.87	33.7	6.8	<0.05	1.9	5.30	21.5	2.37	62	5.2	27.4	118	353
STD DS9	Standard	<0.1	0.08	0.97	37.0	7.1	<0.05	2.0	6.18	26.7	2.52	65	6.5	27.2	114	380
STD DS9	Standard	0.1	0.07	0.91	33.0	6.3	<0.05	1.8	5.66	24.2	2.22	76	5.0	26.5	122	378
STD DS9	Standard	0.1	0.07	1.03	35.2	6.7	<0.05	1.8	6.17	27.9	2.40	64	5.4	26.0	118	360
STD DS9	Standard	<0.1	0.07	1.01	32.0	6.3	<0.05	1.6	5.55	23.3	2.24	57	6.0	28.0	134	356
STD OREAS45EA	Standard	0.2	0.64	0.09	7.2	0.8	<0.05	22.2	4.72	16.0	0.10	<1	0.4	2.9	66	103
STD OREAS45EA	Standard	0.2	0.62	0.07	8.0	0.8	<0.05	21.2	5.52	18.8	0.11	<1	0.4	2.9	89	113

QUALITY CONTROL REPORT

WHI13000310.1

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
STD OREAS45EA	Standard			1.41	699.1	13.92	31.8	271	383.6	52.1	394	23.65	8.6	1.7	52.2	10.0	3.5	0.03	0.14	0.23	300
STD OREAS45EA	Standard			1.39	716.9	14.89	31.8	290	396.7	52.7	417	25.13	10.9	1.8	55.3	11.7	3.9	0.03	0.14	0.56	313
STD OREAS45EA	Standard			1.58	761.2	15.36	30.6	262	405.3	52.1	411	24.71	10.7	1.8	52.0	10.4	3.8	0.03	0.25	0.27	322
STD OXC109	Standard		0.201																		
STD OXC109	Standard		0.186																		
STD OXC109	Standard		0.202																		
STD OXC109	Standard		0.203																		
STD OXC109	Standard		0.194																		
STD OXI96	Standard		1.733																		
STD OXI96	Standard		1.816																		
STD OXI96	Standard		1.807																		
STD OXI96	Standard		1.878																		
STD OXL93	Standard		5.625																		
STD OXL93	Standard		5.565																		
STD OXL93	Standard		5.649																		
STD OXL93	Standard		6.107																		
STD OXL93	Standard		5.777																		
STD OXC109 Expected			0.201																		
STD OXI96 Expected			1.802																		
STD OXL93 Expected			5.841																		
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40
STD OREAS45EA Expected				1.78	709	14.3	30.6	311	357	52	400	22.65	11.4	1.73	53	10.7	4.05	0.03	0.64	0.26	295
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.01	0.07	<0.01	<0.1	2	0.2	<0.1	<1	<0.01	0.5	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

QUALITY CONTROL REPORT

WHI13000310.1

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
STD OREAS45EA	Standard	0.03	0.029	6.6	854.4	0.09	153.5	0.086	<20	3.10	0.018	0.05	<0.1	73.1	<0.02	0.04	14	0.4	0.07	11.8	0.64
STD OREAS45EA	Standard	0.04	0.029	6.9	873.3	0.10	156.6	0.095	<20	3.42	0.019	0.06	<0.1	84.0	<0.02	0.04	14	0.7	0.06	13.1	0.71
STD OREAS45EA	Standard	0.04	0.029	7.3	853.7	0.10	152.7	0.103	<20	3.30	0.021	0.06	<0.1	86.1	0.06	0.04	13	1.0	0.12	13.3	0.66
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS9 Expected		0.7201	0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37
STD OREAS45EA Expected		0.032	0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		78	0.072	0.044	340	2.09	0.11	11.7	0.77
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank																				
BLK	Blank																				

QUALITY CONTROL REPORT

WHI13000310.1

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
STD OREAS45EA	Standard	0.2	0.72	0.07	6.7	0.8	<0.05	22.1	5.08	17.2	0.08	<1	0.4	2.4	92	112
STD OREAS45EA	Standard	0.1	0.64	0.04	7.7	0.8	<0.05	22.9	5.46	18.6	0.08	<1	0.4	2.8	70	108
STD OREAS45EA	Standard	0.4	0.49	0.06	7.4	0.9	<0.05	17.1	5.43	17.9	0.12	<1	0.4	2.9	76	98
STD OXC109	Standard															
STD OXC109	Standard															
STD OXC109	Standard															
STD OXC109	Standard															
STD OXC109	Standard															
STD OXI96	Standard															
STD OXI96	Standard															
STD OXI96	Standard															
STD OXI96	Standard															
STD OXL93	Standard															
STD OXL93	Standard															
STD OXL93	Standard															
STD OXL93	Standard															
STD OXL93	Standard															
STD OXC109 Expected																
STD OXI96 Expected																
STD OXL93 Expected																
STD DS9 Expected		0.1	0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350
STD OREAS45EA Expected		0.26	0.82	0.43	7.93	0.97		26.6	5.74	17.7	0.1		0.47	7.63	66	108
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank															
BLK	Blank															

QUALITY CONTROL REPORT

WHI13000310.1

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.01	<0.01	0.03	<0.1	<2	<0.1	<0.1	<1	<0.01	0.5	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank			<0.01	0.04	0.02	<0.1	3	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank			<0.01	0.03	0.02	<0.1	<2	0.2	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	0.05
BLK	Blank			<0.01	0.11	<0.01	<0.1	3	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
Prep Wash																				
G1-WHI	Prep Blank	<0.005	0.20	4.20	3.17	44.4	15	3.0	4.4	616	2.12	0.2	4.0	0.2	6.0	47.9	0.03	<0.02	0.05	39
G1-WHI	Prep Blank	<0.005	0.16	4.16	3.22	43.7	14	3.5	4.3	601	2.05	<0.1	1.7	<0.2	5.8	54.5	0.01	<0.02	0.05	37

QUALITY CONTROL REPORT

WHI13000310.1

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	0.04	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
Prep Wash																					
G1-WHI	Prep Blank	0.50	0.078	12.8	8.3	0.50	151.0	0.137	<20	0.95	0.082	0.51	<0.1	2.5	0.33	<0.02	<5	<0.1	<0.02	4.8	3.57
G1-WHI	Prep Blank	0.52	0.072	14.4	9.6	0.49	149.2	0.137	<20	1.00	0.096	0.50	<0.1	2.3	0.32	<0.02	<5	<0.1	<0.02	4.8	3.47

QUALITY CONTROL REPORT

WHI13000310.1

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.2	<0.01	0.3	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.2	<0.01	0.3	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.1	<0.02	1	<0.1	<0.1	<10	3
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.3	<0.02	<1	<0.1	<0.1	<10	<2
Prep Wash																
G1-WHI	Prep Blank	<0.1	0.07	0.40	42.6	0.6	<0.05	1.2	5.24	21.5	<0.02	<1	0.3	32.2	<10	2
G1-WHI	Prep Blank	<0.1	0.08	0.39	43.5	0.6	<0.05	1.2	5.31	23.3	<0.02	<1	0.4	30.0	<10	<2

Acme Analytical Laboratories (Vancouver) Ltd.
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Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Whitehorse
Received: August 16, 2013
Report Date: September 05, 2013
Page: 1 of 4

CERTIFICATE OF ANALYSIS

WHI13000311.1

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_013
P.O. Number
Number of Samples: 88

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	84	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
G601	88	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
1F04	88	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	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. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI13000311.1

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315636	Drill Core	2.63	0.018	0.60	47.64	9.75	27.5	156	6.2	3.8	231	0.75	38.3	1.2	25.0	7.4	42.9	0.38	0.45	0.30
2315637	Drill Core	6.16	0.011	1.05	182.4	15.63	42.1	497	11.7	6.1	131	0.60	32.5	1.3	16.0	8.4	95.4	0.46	0.78	0.52
2315638	Drill Core	6.21	0.021	0.51	142.9	12.46	42.4	337	7.7	6.9	141	0.64	27.0	1.1	26.8	8.7	30.9	0.52	0.64	0.55
2315639	Drill Core	6.38	0.022	1.15	121.7	25.28	55.9	353	8.2	4.4	200	0.68	35.6	1.3	27.6	7.4	62.6	0.66	0.71	0.44
2315640	Drill Core	5.58	0.020	0.91	15.73	11.51	26.0	113	4.6	2.8	172	0.57	27.7	1.2	22.3	9.1	61.0	0.29	0.76	0.48
2315641	Drill Core	2.83	0.025	0.61	41.34	6.60	19.1	123	3.7	2.5	116	0.38	16.5	0.8	24.9	7.7	45.8	0.15	0.57	0.26
2315642	Drill Core	2.67	0.026	0.80	49.91	7.18	20.1	150	3.8	2.3	143	0.52	21.6	0.9	22.4	7.9	64.8	0.18	0.61	0.28
2315643	Drill Core	6.35	0.013	0.60	49.72	9.52	28.4	139	3.1	2.1	176	0.51	15.2	1.0	13.5	9.2	46.6	0.30	0.59	0.16
2315644	Drill Core	6.52	0.039	0.63	39.38	9.51	29.2	123	2.8	1.9	145	0.51	21.1	1.0	23.7	8.4	91.3	0.29	0.64	0.21
2315645	Drill Core	4.57	0.033	2.23	217.9	10.34	46.3	1021	4.9	4.3	178	0.68	21.3	0.8	24.7	6.4	87.3	0.42	0.64	0.87
2315646	Drill Core	5.57	0.016	0.67	40.93	6.90	33.7	182	3.9	2.5	172	0.64	10.0	0.9	14.8	6.1	85.0	0.31	0.52	0.21
2315647	Drill Core	6.86	0.024	0.75	29.97	6.14	27.8	116	3.0	2.6	176	0.64	23.5	1.0	50.6	4.9	67.3	0.28	0.70	0.18
2315648	Drill Core	5.68	0.050	0.87	13.10	4.24	18.5	83	8.1	4.0	193	0.95	14.4	0.9	43.8	5.4	47.7	0.13	0.32	0.18
2315649	Drill Core	7.26	0.039	0.68	13.61	5.71	20.2	138	7.4	2.2	189	0.65	15.3	1.3	212.0	7.1	79.6	0.15	0.46	0.15
2315650	Rock Pulp	0.06	4.465	12.81	41.72	9.47	73.1	741	34.0	5.6	364	1.80	397.2	2.1	73.2	1.9	36.5	0.62	24.38	0.27
2315651	Rock	1.30	<0.005	0.12	4.71	3.29	46.2	16	3.1	4.0	579	2.06	0.2	1.7	<0.2	5.1	51.6	<0.01	<0.02	0.02
2315652	Drill Core	6.80	0.036	0.60	26.54	5.43	20.7	97	5.1	2.7	155	0.53	14.4	0.8	39.3	6.7	45.4	0.19	0.51	0.16
2315653	Drill Core	5.39	0.035	0.72	35.37	4.57	18.3	113	5.9	3.0	163	0.66	45.3	0.8	56.1	6.5	35.6	0.26	0.72	0.25
2315654	Drill Core	6.78	0.021	0.65	37.01	4.69	20.0	75	6.7	1.7	179	0.58	10.6	0.9	22.3	9.0	47.2	0.15	0.66	0.27
2315655	Drill Core	6.59	0.018	0.60	9.89	7.09	28.3	70	9.4	2.9	305	0.64	18.2	1.3	13.8	9.6	108.9	0.27	0.64	0.40
2315656	Drill Core	5.15	0.029	1.02	24.59	4.50	20.4	56	9.4	1.7	184	0.77	22.7	0.9	24.0	4.9	57.6	0.19	0.50	0.20
2315657	Drill Core	6.89	0.026	0.94	83.58	6.19	24.6	144	14.3	3.8	310	0.66	27.3	1.6	22.3	12.4	64.3	0.28	0.88	0.26
2315658	Drill Core	6.47	0.059	5.64	283.8	37.36	231.8	593	14.8	7.7	115	0.77	124.6	2.5	80.0	6.5	71.4	3.06	1.22	0.40
2315659	Drill Core	6.24	0.056	1.01	134.6	18.63	78.4	312	15.4	5.4	130	0.68	50.7	2.0	31.4	17.4	52.3	1.06	1.29	0.52
2315660	Drill Core	5.95	0.032	0.65	42.01	8.17	28.1	156	6.7	3.1	132	0.51	246.8	2.3	29.9	23.8	68.3	0.33	0.74	0.46
2315661	Drill Core	1.80	0.020	1.68	34.27	9.65	31.6	115	6.4	2.1	174	0.54	13.1	1.3	20.4	3.9	235.8	0.33	0.59	0.29
2315662	Drill Core	1.90	0.023	1.64	21.87	8.07	24.3	93	5.9	1.9	178	0.52	11.9	1.2	17.9	5.3	224.5	0.26	0.53	0.34
2315663	Drill Core	3.85	0.035	0.76	21.03	9.60	49.0	165	6.4	2.2	227	0.69	10.3	2.7	61.2	22.5	49.8	0.37	0.56	0.39
2315664	Drill Core	5.45	0.056	6.67	22.92	28.30	306.7	564	13.0	5.0	936	1.92	287.8	2.0	62.4	7.8	80.5	2.30	1.72	0.63
2315665	Drill Core	4.98	0.020	0.42	16.66	13.60	99.9	205	11.5	3.5	526	1.07	95.5	1.4	19.9	16.6	34.2	1.09	0.93	0.33

CERTIFICATE OF ANALYSIS

WHI13000311.1

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315636	Drill Core	1.40	0.062	10.9	24.7	0.73	24.6	0.082	<20	0.88	0.125	0.02	0.2	4.0	0.03	0.04	<5	<0.1	0.20	3.9	3.14
2315637	Drill Core	1.85	0.083	12.0	21.5	0.30	30.5	0.101	<20	1.60	0.270	0.01	0.2	1.9	0.02	0.04	6	0.2	0.21	4.9	4.55
2315638	Drill Core	1.00	0.056	11.5	6.9	0.23	21.6	0.098	<20	0.57	0.142	<0.01	0.2	2.3	<0.02	0.05	<5	0.2	0.27	2.3	2.51
2315639	Drill Core	1.35	0.054	9.6	11.1	0.37	41.0	0.105	<20	1.16	0.185	0.02	0.1	2.8	0.02	0.02	<5	0.2	0.21	3.5	3.74
2315640	Drill Core	1.94	0.062	10.3	7.3	0.31	23.3	0.115	<20	0.98	0.192	0.01	0.1	2.2	0.03	0.06	<5	0.3	0.27	3.0	1.88
2315641	Drill Core	1.21	0.046	11.2	7.6	0.16	19.9	0.087	<20	0.81	0.156	0.01	0.1	1.6	0.02	0.02	<5	<0.1	0.13	2.6	2.09
2315642	Drill Core	1.50	0.054	10.2	7.1	0.21	25.9	0.091	<20	1.00	0.171	0.01	<0.1	1.9	0.02	<0.02	<5	<0.1	0.08	3.2	2.13
2315643	Drill Core	1.46	0.061	11.2	10.8	0.32	20.4	0.096	<20	0.87	0.156	0.01	0.1	3.3	<0.02	<0.02	<5	<0.1	0.04	2.6	4.52
2315644	Drill Core	1.84	0.047	12.4	14.9	0.27	31.7	0.101	<20	1.39	0.258	0.02	0.1	2.3	0.03	<0.02	<5	<0.1	0.10	4.0	4.85
2315645	Drill Core	1.86	0.050	12.1	10.3	0.56	29.1	0.069	<20	1.48	0.239	0.02	0.8	6.2	0.02	<0.02	6	0.3	0.38	4.6	2.78
2315646	Drill Core	1.69	0.058	11.3	13.8	0.58	45.0	0.113	<20	1.30	0.228	0.02	0.2	4.4	0.03	<0.02	5	<0.1	0.05	4.3	5.78
2315647	Drill Core	1.96	0.056	11.4	13.2	0.51	35.9	0.102	<20	1.16	0.184	0.02	0.2	4.0	0.02	0.03	<5	0.1	0.13	3.9	2.86
2315648	Drill Core	2.28	0.052	11.8	17.4	0.98	28.9	0.079	<20	1.19	0.103	0.03	0.2	8.6	0.02	0.02	<5	<0.1	0.06	4.8	3.38
2315649	Drill Core	2.82	0.056	12.1	10.4	0.64	72.7	0.059	<20	1.12	0.146	0.05	0.2	7.4	0.03	<0.02	6	<0.1	0.05	3.9	14.39
2315650	Rock Pulp	9.63	0.046	4.7	25.3	4.55	83.9	<0.001	<20	0.28	0.004	0.10	28.1	3.2	0.92	1.29	4931	1.4	0.13	0.8	0.64
2315651	Rock	0.51	0.071	10.8	9.0	0.54	155.3	0.126	<20	0.99	0.093	0.49	0.1	2.2	0.31	<0.02	9	<0.1	<0.02	4.7	3.48
2315652	Drill Core	1.41	0.053	9.1	11.4	0.37	24.0	0.089	<20	0.74	0.135	<0.01	0.2	3.2	<0.02	<0.02	10	<0.1	0.10	3.2	3.63
2315653	Drill Core	1.47	0.070	10.0	12.8	0.43	51.3	0.092	<20	0.66	0.123	0.01	0.1	4.4	<0.02	<0.02	6	0.2	0.18	3.4	1.94
2315654	Drill Core	1.41	0.059	13.0	15.1	0.35	44.8	0.101	<20	0.77	0.126	0.01	0.2	3.4	<0.02	<0.02	5	<0.1	0.14	3.3	5.70
2315655	Drill Core	2.74	0.098	12.5	31.9	0.70	27.4	0.124	<20	1.65	0.263	0.01	0.2	5.3	<0.02	<0.02	8	<0.1	0.20	5.1	3.80
2315656	Drill Core	1.41	0.053	4.8	9.3	0.61	37.3	0.094	<20	0.95	0.146	0.01	0.1	6.2	<0.02	<0.02	<5	<0.1	0.10	3.8	4.18
2315657	Drill Core	2.19	0.093	29.2	53.9	0.59	21.0	0.116	<20	1.05	0.165	0.01	0.1	3.7	<0.02	<0.02	<5	<0.1	0.13	4.5	2.34
2315658	Drill Core	1.41	0.090	10.8	7.8	0.19	42.6	0.120	<20	1.22	0.215	0.01	0.1	2.3	0.03	0.18	8	1.4	0.22	4.7	5.50
2315659	Drill Core	1.13	0.082	13.9	23.4	0.24	35.5	0.115	<20	0.93	0.181	0.01	0.1	2.1	<0.02	0.08	<5	0.8	0.25	3.5	3.70
2315660	Drill Core	1.41	0.105	19.4	16.3	0.26	29.0	0.080	<20	1.10	0.199	0.01	<0.1	1.9	0.02	<0.02	<5	0.6	1.21	3.8	2.43
2315661	Drill Core	2.89	0.099	8.9	23.9	0.52	46.0	0.167	<20	2.92	0.442	0.02	0.1	3.0	0.03	0.03	<5	0.2	0.09	7.1	2.20
2315662	Drill Core	2.82	0.091	9.2	25.0	0.52	44.6	0.143	<20	2.81	0.427	0.02	0.1	2.8	0.03	0.02	<5	0.1	0.18	6.7	2.13
2315663	Drill Core	1.65	0.087	18.6	21.1	0.64	24.4	0.103	<20	0.94	0.152	0.03	0.2	4.8	0.04	<0.02	7	<0.1	0.18	4.0	3.17
2315664	Drill Core	10.27	0.065	18.3	24.1	0.19	42.7	<0.001	<20	0.45	0.009	0.14	0.1	11.6	0.12	<0.02	18	4.1	0.42	1.3	9.12
2315665	Drill Core	4.23	0.077	14.2	12.4	0.24	51.9	<0.001	<20	0.67	0.031	0.15	0.2	6.3	0.14	<0.02	13	<0.1	0.12	1.4	15.92

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800

Report Date: September 05, 2013

Page: 2 of 4

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI13000311.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315636	Drill Core	0.1	0.10	0.08	1.4	1.5	<0.05	2.0	6.98	22.3	0.02	2	0.6	8.2	<10
2315637	Drill Core	0.1	0.11	0.16	0.7	1.4	<0.05	2.0	7.17	24.0	<0.02	<1	0.2	3.1	<10
2315638	Drill Core	<0.1	0.08	0.21	0.5	1.7	<0.05	1.4	7.09	21.7	0.03	<1	0.3	2.0	<10
2315639	Drill Core	0.2	0.10	0.23	0.8	1.5	<0.05	1.7	6.32	20.5	<0.02	2	0.4	3.4	<10
2315640	Drill Core	0.1	0.09	0.29	0.5	1.5	<0.05	1.4	7.33	22.0	<0.02	<1	0.4	2.5	<10
2315641	Drill Core	0.1	0.07	0.29	0.5	1.5	<0.05	1.1	5.68	21.3	<0.02	<1	0.3	1.3	<10
2315642	Drill Core	0.2	0.07	0.31	0.6	1.3	<0.05	1.3	6.31	19.6	<0.02	<1	0.2	1.9	<10
2315643	Drill Core	0.1	0.07	0.25	0.5	1.1	<0.05	1.2	6.64	21.0	<0.02	<1	0.3	4.0	<10
2315644	Drill Core	0.2	0.07	0.24	0.6	1.2	<0.05	1.3	6.67	23.6	<0.02	<1	0.2	2.6	<10
2315645	Drill Core	0.2	0.08	0.15	0.6	1.5	<0.05	1.4	6.89	23.9	0.04	<1	0.4	7.2	<10
2315646	Drill Core	0.2	0.07	0.14	1.4	1.6	<0.05	1.5	8.15	22.6	0.03	<1	0.5	6.9	<10
2315647	Drill Core	<0.1	0.07	0.15	1.0	1.6	<0.05	1.2	8.03	22.1	0.02	6	0.3	5.2	<10
2315648	Drill Core	0.1	0.06	0.10	2.0	1.7	<0.05	1.2	8.58	23.9	0.08	<1	0.5	12.1	<10
2315649	Drill Core	<0.1	0.05	0.09	3.0	1.2	<0.05	1.0	8.85	22.2	0.06	<1	0.7	10.3	<10
2315650	Rock Pulp	<0.1	0.03	0.03	4.6	0.9	<0.05	1.2	8.29	8.3	0.02	10	0.3	4.4	<10
2315651	Rock	0.1	0.07	0.41	42.0	0.6	<0.05	1.3	5.37	20.3	<0.02	<1	0.5	27.7	<10
2315652	Drill Core	0.1	0.07	0.14	0.6	1.3	<0.05	1.3	6.79	17.7	0.03	<1	0.3	3.8	<10
2315653	Drill Core	0.2	0.08	0.17	0.4	1.8	<0.05	1.8	6.88	20.9	<0.02	<1	0.3	3.6	<10
2315654	Drill Core	0.1	0.07	0.21	0.6	1.6	<0.05	1.6	7.48	23.4	0.03	<1	0.3	3.2	<10
2315655	Drill Core	0.2	0.11	0.21	0.5	2.5	<0.05	2.2	11.68	25.7	0.03	<1	0.5	5.2	<10
2315656	Drill Core	0.1	0.08	0.24	0.5	2.0	<0.05	2.1	7.52	11.6	0.05	<1	0.1	3.9	<10
2315657	Drill Core	0.1	0.10	0.27	0.4	2.5	<0.05	2.2	9.57	49.1	0.03	<1	0.4	3.6	<10
2315658	Drill Core	0.2	0.08	0.27	0.6	2.0	<0.05	1.8	7.07	20.8	0.03	34	0.5	1.7	<10
2315659	Drill Core	0.2	0.10	0.26	0.5	2.0	<0.05	1.9	7.12	26.5	0.04	13	0.3	1.8	<10
2315660	Drill Core	0.2	0.08	0.29	0.6	1.2	<0.05	1.3	6.61	34.8	<0.02	<1	0.6	2.5	<10
2315661	Drill Core	0.2	0.08	0.10	0.9	3.1	<0.05	2.3	9.24	20.5	0.02	2	0.4	4.5	<10
2315662	Drill Core	0.1	0.09	0.10	0.8	2.5	<0.05	2.1	8.02	21.4	<0.02	<1	0.7	4.5	<10
2315663	Drill Core	<0.1	0.10	0.19	1.9	1.5	<0.05	1.7	8.14	35.3	0.04	<1	0.5	8.9	<10
2315664	Drill Core	<0.1	<0.02	<0.02	7.3	0.8	<0.05	0.6	15.81	34.7	0.13	2	0.8	7.0	<10
2315665	Drill Core	<0.1	<0.02	<0.02	7.5	0.8	<0.05	0.2	12.68	31.9	0.06	<1	0.6	15.2	<10

CERTIFICATE OF ANALYSIS

WHI13000311.1

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315666	Drill Core	5.85	0.032	0.31	34.08	6.64	29.8	125	14.8	5.3	511	1.35	66.8	2.4	56.1	23.1	43.1	0.28	1.29	0.26
2315667	Drill Core	5.77	0.024	0.91	11.77	6.87	33.1	114	18.0	3.9	525	1.12	41.0	2.9	22.0	25.1	62.4	0.38	0.65	0.24
2315668	Drill Core	5.78	0.024	0.63	60.92	7.22	36.7	100	34.9	8.4	577	1.22	99.9	2.8	42.4	24.3	29.6	0.27	1.34	0.22
2315669	Drill Core	6.23	0.035	7.15	10.46	7.60	32.7	74	19.9	3.6	378	1.07	44.7	2.3	19.4	17.4	103.9	0.28	1.04	0.57
2315670	Rock Pulp	0.06	0.218	146.4	1787	17.95	59.5	2147	16.9	15.8	392	3.84	21.6	3.3	190.1	7.8	56.4	0.83	3.02	2.11
2315671	Rock	1.15	<0.005	0.22	2.77	2.97	42.9	17	3.1	3.3	527	1.89	0.8	1.7	0.3	4.9	46.2	0.02	0.03	0.09
2315672	Drill Core	5.48	0.025	6.21	6.00	9.02	39.0	90	19.4	3.3	394	1.06	20.2	1.7	15.5	14.3	83.3	0.25	0.76	0.39
2315673	Drill Core	5.65	0.183	1.37	35.11	8.54	46.1	126	22.8	5.7	520	1.44	43.5	0.8	185.7	5.9	20.9	0.42	1.32	1.56
2315674	Drill Core	6.39	0.094	4.61	23.73	13.83	28.5	143	8.7	1.9	173	0.51	29.4	2.7	56.0	19.6	39.2	0.24	0.67	0.50
2315675	Drill Core	5.35	0.111	1.22	78.20	11.97	21.9	239	9.0	2.3	147	0.37	35.5	2.0	197.4	16.3	23.5	0.21	0.75	0.53
2315676	Drill Core	5.21	0.060	0.89	44.64	8.31	14.0	137	7.0	2.0	128	0.40	86.2	2.2	51.8	19.6	24.0	0.16	0.70	0.25
2315677	Drill Core	5.18	0.039	0.54	6.20	6.15	16.5	97	8.1	2.2	210	0.50	145.6	2.0	22.2	16.5	76.2	0.20	0.49	0.64
2315678	Drill Core	6.96	0.070	0.84	7.77	8.12	19.5	105	7.5	1.9	225	0.62	34.4	1.2	48.6	8.2	72.9	0.19	0.44	0.40
2315679	Drill Core	6.88	0.054	1.03	4.78	5.38	14.5	58	3.5	1.4	161	0.38	42.6	0.9	28.4	1.6	214.5	0.15	0.46	0.14
2315680	Drill Core	6.93	0.021	0.90	5.59	5.70	16.4	75	4.0	1.6	140	0.34	5.3	1.0	52.3	1.5	121.2	0.18	0.52	0.19
2315681	Drill Core	2.70	0.084	0.72	4.06	4.99	13.2	35	3.1	1.1	112	0.35	6.2	0.7	29.2	2.2	72.1	0.13	0.69	0.25
2315682	Drill Core	2.93	0.083	0.70	4.08	4.96	13.0	31	2.9	1.1	113	0.37	5.6	0.6	84.0	1.8	52.6	0.11	0.66	0.22
2315683	Drill Core	6.86	0.028	6.28	6.23	5.17	12.9	38	3.7	1.6	125	0.34	8.5	0.6	19.9	2.0	131.5	0.13	0.51	0.26
2315684	Drill Core	6.36	0.066	7.69	6.22	4.85	16.6	205	5.5	2.1	231	0.68	9.4	0.7	57.7	1.5	154.1	0.16	0.40	0.32
2315685	Drill Core	6.33	0.225	41.92	3.79	5.94	15.7	54	5.0	1.9	166	0.49	14.5	0.9	136.1	2.0	177.1	0.15	0.48	0.32
2315686	Drill Core	6.15	0.436	1.27	2.64	3.89	12.5	61	5.7	2.6	182	0.51	7.4	0.9	465.9	3.3	66.1	0.18	0.51	0.45
2315687	Drill Core	6.73	0.209	1.94	5.28	4.00	13.1	40	4.1	1.7	121	0.45	6.1	0.6	121.3	2.7	46.5	0.11	0.53	0.28
2315688	Drill Core	5.03	0.151	0.46	5.53	4.55	20.3	61	5.3	1.9	132	0.43	3.4	0.7	187.6	2.9	30.6	0.15	0.29	0.21
2315689	Drill Core	6.07	0.227	5.89	4.37	4.59	20.0	90	11.0	2.6	231	0.88	4.8	1.0	110.1	3.2	44.5	0.13	0.13	0.16
2315690	Rock Pulp	0.06	1.901	3.21	28.46	4.75	50.1	365	26.0	11.3	442	2.82	7.0	0.2	804.8	0.8	35.3	0.15	0.67	0.14
2315691	Rock	1.21	<0.005	0.17	2.32	2.51	43.2	16	3.0	3.9	569	2.02	0.4	1.5	<0.2	4.7	46.9	<0.01	<0.02	0.05
2315692	Drill Core	6.68	0.131	9.73	5.63	8.15	32.6	81	12.3	2.0	395	1.05	5.6	1.3	101.9	5.5	72.4	0.24	0.17	0.46
2315693	Drill Core	5.53	0.312	1.90	6.63	5.01	20.0	59	6.5	1.5	229	0.74	4.3	1.0	145.5	2.9	48.1	0.15	0.27	0.30
2315694	Drill Core	6.00	0.042	0.89	3.96	4.53	13.5	236	2.5	0.6	119	0.56	1.8	1.4	14.9	9.4	85.2	0.12	0.22	0.09
2315695	Drill Core	6.33	0.057	5.23	4.16	6.24	18.0	140	2.4	0.7	136	0.58	3.0	2.1	28.6	14.2	141.3	0.16	0.37	0.11

CERTIFICATE OF ANALYSIS

WHI13000311.1

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315666	Drill Core	6.29	0.134	20.5	22.0	0.19	54.6	0.001	<20	0.83	0.008	0.07	0.1	14.6	0.05	<0.02	21	<0.1	0.10	1.5	5.20
2315667	Drill Core	4.50	0.055	18.4	19.6	0.35	58.7	0.002	<20	0.92	0.026	0.12	<0.1	12.2	0.09	<0.02	10	<0.1	0.08	2.2	10.51
2315668	Drill Core	3.09	0.100	21.5	24.6	0.32	66.1	<0.001	<20	0.88	0.017	0.11	0.2	16.7	0.12	<0.02	13	<0.1	0.16	2.4	9.72
2315669	Drill Core	5.81	0.100	16.0	31.7	0.85	43.0	0.008	<20	1.05	0.044	0.06	<0.1	12.7	0.05	0.04	10	0.3	0.24	4.3	7.31
2315670	Rock Pulp	1.72	0.058	14.6	56.4	0.81	85.8	0.028	<20	1.29	0.052	0.48	1.7	6.4	0.30	1.69	96	2.5	0.27	4.6	1.70
2315671	Rock	0.47	0.067	9.0	8.8	0.49	159.6	0.089	<20	0.85	0.067	0.45	<0.1	2.1	0.31	<0.02	<5	<0.1	<0.02	5.1	3.35
2315672	Drill Core	4.08	0.095	14.5	35.4	0.82	52.0	0.012	<20	1.25	0.071	0.05	<0.1	11.5	0.05	<0.02	12	0.1	0.16	4.2	7.46
2315673	Drill Core	0.54	0.079	13.2	49.9	0.59	48.5	0.002	<20	1.30	0.034	0.07	<0.1	20.1	0.07	<0.02	14	<0.1	1.07	4.1	6.23
2315674	Drill Core	1.85	0.081	9.7	21.4	0.68	52.1	0.070	<20	0.75	0.123	0.03	0.1	3.2	0.03	<0.02	<5	0.1	0.32	3.4	4.36
2315675	Drill Core	1.33	0.088	11.0	16.5	0.37	24.4	0.071	<20	0.54	0.097	0.01	0.1	1.7	<0.02	<0.02	<5	<0.1	0.38	3.3	0.91
2315676	Drill Core	0.86	0.099	9.6	13.4	0.31	27.4	0.076	<20	0.50	0.120	<0.01	0.1	1.6	<0.02	<0.02	<5	0.3	0.40	2.7	0.83
2315677	Drill Core	1.89	0.094	9.3	30.1	0.62	29.1	0.055	<20	1.19	0.174	0.01	<0.1	2.8	0.02	<0.02	<5	0.4	0.89	5.0	1.64
2315678	Drill Core	1.80	0.025	6.3	26.0	0.60	37.2	0.080	<20	1.13	0.198	0.01	0.1	3.1	0.03	<0.02	<5	0.1	0.30	4.1	1.26
2315679	Drill Core	2.64	0.011	4.6	31.2	0.44	29.1	0.095	<20	2.69	0.507	0.02	<0.1	2.6	0.03	<0.02	<5	0.2	0.18	6.3	14.84
2315680	Drill Core	1.63	0.004	5.5	24.9	0.44	35.0	0.112	<20	1.78	0.453	0.02	<0.1	2.3	0.03	<0.02	<5	<0.1	0.07	4.6	37.12
2315681	Drill Core	1.49	0.030	4.4	7.0	0.34	64.7	0.079	<20	1.02	0.210	0.01	<0.1	2.0	0.02	<0.02	<5	<0.1	0.15	3.2	9.70
2315682	Drill Core	1.42	0.032	4.4	7.4	0.37	70.0	0.076	<20	0.97	0.187	0.01	<0.1	1.8	0.03	<0.02	<5	<0.1	0.15	3.2	5.49
2315683	Drill Core	2.18	0.032	3.2	10.9	0.46	57.5	0.061	<20	1.69	0.317	0.02	<0.1	2.3	0.03	<0.02	<5	<0.1	0.20	3.9	6.99
2315684	Drill Core	3.02	0.015	3.4	31.4	1.07	43.6	0.060	<20	2.50	0.372	0.03	0.9	6.8	0.03	<0.02	8	<0.1	0.21	6.1	11.89
2315685	Drill Core	3.15	0.012	3.9	16.1	0.68	52.0	0.076	<20	2.51	0.470	0.02	0.1	5.4	0.03	<0.02	<5	<0.1	0.26	6.3	21.47
2315686	Drill Core	2.81	0.042	4.8	19.7	0.81	104.2	0.079	<20	1.27	0.147	0.01	0.1	5.5	<0.02	<0.02	<5	<0.1	0.31	4.5	4.17
2315687	Drill Core	1.69	0.052	4.3	15.7	0.54	38.0	0.054	<20	1.04	0.159	0.01	<0.1	3.1	<0.02	<0.02	<5	<0.1	0.18	3.7	1.40
2315688	Drill Core	1.11	0.061	4.0	15.4	0.60	23.0	0.055	<20	0.81	0.120	0.01	<0.1	3.8	<0.02	<0.02	<5	<0.1	0.08	3.5	1.55
2315689	Drill Core	2.37	0.024	3.8	57.6	1.84	21.4	0.055	<20	1.72	0.107	0.03	0.3	19.5	0.02	<0.02	<5	<0.1	0.10	7.1	2.59
2315690	Rock Pulp	0.82	0.056	3.6	30.7	0.85	116.8	0.096	<20	1.70	0.095	0.15	13.5	5.0	0.06	0.04	91	0.1	0.11	5.7	0.46
2315691	Rock	0.47	0.063	10.6	6.2	0.50	176.5	0.100	<20	0.92	0.086	0.52	<0.1	2.3	0.35	<0.02	<5	<0.1	<0.02	5.0	3.53
2315692	Drill Core	1.81	0.019	4.0	77.2	2.08	33.2	0.059	<20	2.35	0.172	0.03	<0.1	25.9	0.03	<0.02	<5	<0.1	0.18	8.0	2.29
2315693	Drill Core	1.90	0.019	4.8	20.8	1.02	21.4	0.085	<20	1.44	0.142	0.02	<0.1	6.3	0.02	<0.02	<5	<0.1	0.14	4.7	2.35
2315694	Drill Core	1.13	0.005	2.7	8.5	0.37	31.1	0.042	<20	1.47	0.231	0.02	0.9	1.8	0.02	<0.02	<5	<0.1	0.02	3.5	2.49
2315695	Drill Core	1.78	0.006	2.9	7.2	0.42	34.6	0.042	<20	2.33	0.366	0.02	0.2	2.8	0.03	<0.02	<5	<0.1	0.03	5.0	3.77

CERTIFICATE OF ANALYSIS

WHI13000311.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315666	Drill Core	<0.1	<0.02	<0.02	3.4	0.9	<0.05	0.3	19.08	43.7	0.09	<1	1.2	10.6	<10
2315667	Drill Core	<0.1	<0.02	<0.02	6.1	1.0	<0.05	0.2	18.21	43.4	0.09	1	1.0	22.7	<10
2315668	Drill Core	<0.1	<0.02	<0.02	5.7	1.0	<0.05	0.2	21.15	47.5	0.10	<1	0.7	25.2	<10
2315669	Drill Core	<0.1	0.03	0.03	3.1	1.5	<0.05	0.7	14.76	38.2	0.14	9	1.2	13.8	<10
2315670	Rock Pulp	<0.1	0.10	0.03	23.9	1.4	<0.05	2.9	8.81	26.9	0.05	34	0.4	6.1	<10
2315671	Rock	0.1	0.07	0.34	34.0	1.0	<0.05	0.9	4.71	17.7	<0.02	<1	0.3	25.2	<10
2315672	Drill Core	<0.1	0.03	0.02	2.8	1.6	<0.05	0.9	16.00	36.3	0.09	2	1.3	14.7	<10
2315673	Drill Core	<0.1	<0.02	<0.02	3.1	1.5	<0.05	0.4	18.63	33.3	0.12	<1	1.6	16.1	<10
2315674	Drill Core	<0.1	0.09	0.17	1.6	1.5	<0.05	1.3	6.64	21.1	0.03	4	0.6	7.2	<10
2315675	Drill Core	0.2	0.07	0.19	0.6	1.8	<0.05	0.9	6.16	23.6	0.02	<1	0.5	3.1	<10
2315676	Drill Core	0.2	0.05	0.27	0.4	1.7	<0.05	1.0	6.69	20.9	<0.02	<1	0.4	2.2	<10
2315677	Drill Core	0.1	0.07	0.13	0.6	1.2	<0.05	1.0	7.00	19.6	<0.02	<1	0.4	5.0	<10
2315678	Drill Core	0.1	0.07	0.15	0.6	1.8	<0.05	1.5	9.46	16.2	<0.02	2	0.4	5.7	<10
2315679	Drill Core	0.2	0.06	0.07	0.7	1.8	<0.05	1.5	7.56	13.0	<0.02	1	0.6	5.0	<10
2315680	Drill Core	0.1	0.08	0.10	1.0	2.9	<0.05	2.2	7.38	16.2	<0.02	<1	0.4	3.8	<10
2315681	Drill Core	0.1	0.07	0.15	0.6	1.2	<0.05	1.3	7.57	11.3	<0.02	<1	0.3	2.7	<10
2315682	Drill Core	0.1	0.06	0.09	0.5	1.1	<0.05	1.1	6.93	11.3	<0.02	<1	0.3	2.6	<10
2315683	Drill Core	<0.1	0.07	0.08	0.6	1.0	<0.05	1.2	5.80	8.2	<0.02	2	0.4	3.6	<10
2315684	Drill Core	0.1	0.07	0.04	1.4	1.4	<0.05	1.4	5.77	8.9	0.03	6	0.5	10.8	<10
2315685	Drill Core	0.2	0.06	0.06	0.7	2.0	<0.05	1.1	5.74	9.9	0.02	3	0.5	4.7	<10
2315686	Drill Core	0.2	0.08	0.11	0.5	2.1	<0.05	1.6	7.51	12.2	0.04	2	0.4	6.1	<10
2315687	Drill Core	0.2	0.06	0.07	0.4	1.1	<0.05	1.3	5.27	10.2	0.02	<1	0.3	4.1	<10
2315688	Drill Core	0.2	0.05	0.05	0.6	1.1	<0.05	1.2	5.46	10.3	0.03	<1	0.3	5.2	<10
2315689	Drill Core	0.2	0.11	0.04	1.3	2.7	<0.05	1.9	8.35	11.3	0.12	4	0.3	14.7	<10
2315690	Rock Pulp	<0.1	0.13	0.04	4.8	0.4	<0.05	4.5	6.49	7.6	0.03	<1	0.2	11.0	<10
2315691	Rock	<0.1	0.07	0.28	38.4	0.5	<0.05	0.9	4.93	19.2	<0.02	<1	0.3	28.3	<10
2315692	Drill Core	0.1	0.09	0.03	1.2	3.9	<0.05	2.5	11.80	12.6	0.12	2	0.6	14.1	<10
2315693	Drill Core	0.1	0.07	0.12	0.8	2.6	<0.05	1.6	8.66	14.3	0.06	<1	0.4	7.3	<10
2315694	Drill Core	<0.1	0.07	0.16	0.9	1.0	<0.05	1.8	5.53	7.3	<0.02	<1	0.5	3.5	<10
2315695	Drill Core	<0.1	0.06	0.15	0.5	0.8	<0.05	1.6	5.20	7.6	0.02	4	0.6	3.9	<10

CERTIFICATE OF ANALYSIS

WHI13000311.1

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315696	Drill Core	6.31	0.035	2.19	3.10	5.50	15.8	53	2.5	0.7	146	0.56	2.4	1.6	96.6	12.2	130.8	0.14	0.32	0.08
2315697	Drill Core	5.55	0.083	0.77	2.98	5.94	17.1	50	1.9	0.6	120	0.49	2.2	1.4	126.3	15.3	155.0	0.17	0.38	0.13
2315698	Drill Core	6.92	0.117	5.31	4.65	6.99	18.9	89	2.4	1.1	111	0.33	4.0	0.7	109.5	5.5	358.2	0.22	0.28	0.11
2315699	Drill Core	6.44	0.061	7.29	6.38	7.75	19.2	75	2.1	1.1	76	0.29	4.5	0.7	59.3	2.5	376.2	0.25	0.25	0.14
2315700	Drill Core	6.91	0.054	10.49	5.13	7.66	21.5	65	1.5	0.8	70	0.27	7.7	0.6	31.2	1.2	320.0	0.25	0.37	0.09
2315701	Drill Core	3.09	0.242	4.54	5.92	7.10	22.2	81	3.0	1.2	131	0.49	5.4	1.1	267.1	3.4	195.1	0.22	0.39	0.10
2315702	Drill Core	3.03	0.304	4.84	6.64	6.68	20.3	62	3.3	1.3	133	0.47	5.4	1.0	143.5	3.0	190.3	0.23	0.34	0.08
2315703	Drill Core	3.92	0.078	8.37	4.13	4.78	17.4	39	3.7	1.0	155	0.58	6.5	0.8	45.9	3.0	80.1	0.16	0.35	0.08
2315704	Drill Core	4.05	0.110	9.81	10.68	6.39	24.3	72	5.4	1.8	238	0.67	13.8	1.2	65.0	5.8	66.9	0.22	0.49	0.12
2315705	Drill Core	5.83	0.057	8.10	14.19	6.88	22.8	86	3.9	1.3	180	0.55	5.0	0.7	46.6	1.7	50.3	0.29	0.44	0.06
2315706	Drill Core	6.38	0.043	5.31	10.81	9.31	28.6	90	2.2	1.2	116	0.35	6.0	0.7	62.4	2.2	65.7	0.32	0.63	0.05
2315707	Drill Core	7.53	0.028	21.60	7.52	15.92	31.1	113	2.6	1.0	105	0.37	5.9	1.0	11.5	5.2	106.3	0.32	0.69	0.09
2315708	Drill Core	5.95	0.016	5.28	18.92	9.63	23.8	100	4.0	0.9	137	0.59	3.4	2.5	9.4	16.4	73.4	0.27	0.40	0.10
2315709	Drill Core	5.21	0.066	2.62	37.20	7.70	26.7	10722	3.9	1.0	147	0.57	5.0	3.8	122.9	20.5	51.0	0.25	0.26	0.13
2315710	Rock Pulp	0.06	0.196	161.6	1895	18.83	59.6	2012	20.9	19.6	369	3.92	24.2	3.6	136.1	8.3	56.0	0.99	3.00	1.93
2315711	Rock	1.18	<0.005	0.05	5.95	2.94	45.1	26	3.2	4.2	570	2.00	0.2	1.6	0.7	4.8	51.9	<0.01	<0.02	0.10
2315712	Drill Core	5.80	0.047	1.62	13.27	9.09	30.1	174	4.9	1.3	174	0.62	4.2	2.7	60.2	15.4	54.2	0.29	0.30	0.09
2315713	Drill Core	5.73	0.021	1.98	11.62	8.03	27.8	95	3.4	0.8	126	0.49	3.0	2.7	21.1	20.2	41.1	0.23	0.30	0.03
2315714	Drill Core	6.26	0.016	7.17	11.25	11.35	43.9	76	3.2	1.3	161	0.53	4.4	3.3	10.4	18.1	57.3	0.42	0.30	0.05
2315715	Drill Core	2.59	0.022	2.02	9.16	6.66	36.3	475	10.5	2.3	422	0.97	6.2	1.8	16.7	9.4	49.0	0.53	0.27	0.12
2315716	Drill Core	3.90	0.110	3.96	49.93	28.33	185.1	720	5.9	4.0	345	1.26	113.2	2.1	35.3	12.9	19.2	2.07	1.54	2.73
2315717	Drill Core	6.28	0.011	6.16	13.51	10.67	95.5	219	5.5	1.3	212	0.67	5.4	2.1	5.7	8.8	74.2	0.97	0.46	0.14
2315718	Drill Core	6.12	0.009	3.04	19.74	17.85	52.2	137	4.2	0.9	144	0.45	10.6	3.5	4.9	17.8	53.5	0.49	0.58	0.10
2315719	Drill Core	6.50	0.012	4.72	12.17	10.86	44.6	123	3.9	1.0	145	0.42	10.4	2.5	5.5	8.3	65.1	0.49	0.70	0.08
2315720	Drill Core	6.38	0.010	6.01	13.63	9.72	35.8	91	1.8	1.0	137	0.46	4.3	3.4	9.5	15.3	76.3	0.41	0.56	0.02
2315721	Drill Core	2.94	0.011	8.93	17.37	11.67	33.2	613	1.5	0.8	87	0.29	4.9	1.9	7.4	8.7	69.4	0.36	0.47	<0.02
2315722	Drill Core	3.08	0.009	6.33	16.59	11.22	35.6	354	1.2	0.6	90	0.31	5.1	2.0	4.8	9.0	71.8	0.38	0.41	<0.02
2315723	Drill Core	6.35	0.011	3.40	14.31	16.44	29.5	141	1.9	0.9	130	0.38	4.7	1.8	8.5	6.7	69.3	0.29	0.33	<0.02

CERTIFICATE OF ANALYSIS

WHI13000311.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315696	Drill Core	1.83	0.004	2.7	9.0	0.45	37.3	0.043	<20	2.19	0.329	0.03	<0.1	3.1	0.03	<0.02	6	<0.1	0.03	4.9	2.38
2315697	Drill Core	2.08	0.006	3.0	6.8	0.30	22.0	0.052	<20	2.48	0.408	0.02	<0.1	2.4	0.03	<0.02	<5	<0.1	0.02	5.5	0.91
2315698	Drill Core	4.84	0.004	1.6	31.3	0.37	35.2	0.026	<20	6.17	0.582	0.01	0.2	1.6	0.05	<0.02	<5	<0.1	<0.02	10.5	2.77
2315699	Drill Core	5.13	0.025	2.6	22.3	0.28	39.5	0.047	<20	6.47	0.567	0.02	<0.1	1.9	0.05	<0.02	<5	<0.1	0.05	12.3	2.19
2315700	Drill Core	4.12	0.041	2.9	21.4	0.29	32.5	0.074	<20	5.21	0.610	0.02	<0.1	2.2	0.05	<0.02	6	<0.1	<0.02	10.9	3.37
2315701	Drill Core	3.07	0.050	4.6	18.4	0.50	33.2	0.098	<20	3.28	0.441	0.02	<0.1	3.9	0.04	<0.02	<5	<0.1	<0.02	7.8	6.64
2315702	Drill Core	2.96	0.037	4.0	18.1	0.50	35.2	0.097	<20	3.18	0.435	0.02	<0.1	3.3	0.03	<0.02	<5	<0.1	<0.02	6.9	6.11
2315703	Drill Core	1.75	0.112	4.2	14.0	0.68	51.5	0.042	<20	1.45	0.188	0.02	<0.1	3.4	0.02	<0.02	<5	<0.1	<0.02	3.8	2.17
2315704	Drill Core	2.35	0.193	8.4	20.6	0.72	23.9	0.096	<20	1.09	0.136	0.01	0.1	5.2	<0.02	<0.02	<5	<0.1	0.03	3.2	1.30
2315705	Drill Core	1.34	0.008	3.5	16.3	0.55	32.6	0.115	<20	1.01	0.142	0.02	0.1	3.6	<0.02	<0.02	5	<0.1	<0.02	2.6	2.10
2315706	Drill Core	1.26	0.058	5.6	13.0	0.25	36.3	0.073	<20	0.97	0.205	0.01	<0.1	1.5	0.03	<0.02	<5	<0.1	<0.02	2.8	3.25
2315707	Drill Core	1.65	0.026	4.0	15.2	0.29	35.6	0.078	<20	1.54	0.273	0.02	0.1	1.4	0.03	<0.02	<5	0.1	0.05	3.6	4.76
2315708	Drill Core	1.25	0.035	4.0	25.8	0.39	30.4	0.041	<20	1.15	0.192	0.02	0.2	2.8	0.02	<0.02	<5	<0.1	0.03	3.0	1.39
2315709	Drill Core	1.33	0.038	5.9	12.9	0.42	34.7	0.031	<20	1.01	0.149	0.03	11.9	3.2	0.04	<0.02	<5	<0.1	0.04	2.9	2.37
2315710	Rock Pulp	1.86	0.063	15.7	58.9	0.85	36.8	0.030	<20	1.33	0.052	0.50	1.7	5.8	0.26	1.79	77	2.5	0.27	4.3	1.60
2315711	Rock	0.51	0.072	10.4	6.5	0.52	163.5	0.117	<20	0.98	0.090	0.49	<0.1	2.2	0.30	<0.02	<5	<0.1	<0.02	4.5	3.42
2315712	Drill Core	1.79	0.063	6.3	9.0	0.82	22.4	0.050	<20	1.16	0.142	0.02	0.8	6.6	<0.02	<0.02	8	<0.1	0.03	3.7	2.30
2315713	Drill Core	1.00	0.029	7.0	11.6	0.33	22.6	0.039	<20	0.75	0.137	0.02	<0.1	2.9	0.02	<0.02	<5	<0.1	0.02	2.2	2.11
2315714	Drill Core	1.82	0.037	8.4	8.6	0.35	36.9	0.039	<20	0.78	0.136	0.04	0.1	3.6	0.04	<0.02	<5	<0.1	<0.02	2.3	5.90
2315715	Drill Core	2.02	0.052	10.0	30.8	1.13	45.0	0.030	<20	1.21	0.098	0.03	0.8	10.2	0.03	<0.02	<5	<0.1	0.06	4.5	4.80
2315716	Drill Core	0.46	0.093	11.6	8.5	0.25	62.7	<0.001	<20	0.98	0.025	0.06	2.1	4.7	0.07	<0.02	8	0.6	0.33	2.5	3.87
2315717	Drill Core	2.09	0.036	5.6	32.6	0.62	32.8	0.050	<20	1.22	0.191	0.03	2.3	3.9	0.03	<0.02	<5	<0.1	0.02	3.4	4.91
2315718	Drill Core	1.37	0.043	7.8	12.9	0.44	26.7	0.062	<20	1.10	0.199	0.02	0.1	2.1	0.03	<0.02	<5	<0.1	<0.02	3.3	4.79
2315719	Drill Core	1.68	0.086	13.2	12.4	0.37	33.3	0.088	<20	1.28	0.204	0.01	0.1	1.8	0.02	<0.02	6	<0.1	0.02	4.3	5.68
2315720	Drill Core	1.57	0.038	10.6	4.5	0.34	55.5	0.064	<20	1.39	0.238	0.02	0.2	2.2	<0.02	<0.02	<5	<0.1	<0.02	3.8	2.45
2315721	Drill Core	1.34	0.062	9.7	3.8	0.21	52.0	0.083	<20	1.36	0.254	0.01	1.2	1.3	<0.02	<0.02	<5	<0.1	<0.02	3.8	8.15
2315722	Drill Core	1.35	0.060	10.3	4.0	0.21	48.0	0.087	<20	1.42	0.258	0.01	1.8	1.4	<0.02	<0.02	<5	<0.1	<0.02	4.1	9.02
2315723	Drill Core	1.69	0.079	10.2	10.4	0.39	65.1	0.098	<20	1.21	0.205	0.02	0.5	3.2	<0.02	<0.02	<5	<0.1	<0.02	3.7	6.50

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Project: 210800

Report Date: September 05, 2013

Page: 4 of 4

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI13000311.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315696	Drill Core	<0.1	0.09	0.18	0.7	1.0	<0.05	2.0	4.34	7.1	<0.02	3	0.5	3.9	<10
2315697	Drill Core	<0.1	0.08	0.34	0.5	0.8	<0.05	2.0	5.08	8.4	<0.02	<1	0.6	3.1	<10
2315698	Drill Core	0.2	<0.02	<0.02	0.5	0.7	<0.05	0.3	2.34	3.7	<0.02	8	0.7	2.9	<10
2315699	Drill Core	0.1	<0.02	<0.02	0.5	0.9	<0.05	0.3	2.99	5.6	<0.02	11	0.7	1.9	<10
2315700	Drill Core	0.2	0.02	<0.02	0.5	1.1	<0.05	0.6	4.77	7.0	<0.02	36	0.8	1.8	<10
2315701	Drill Core	0.2	0.06	0.07	0.6	1.5	<0.05	1.7	9.15	13.1	0.03	17	0.8	5.1	<10
2315702	Drill Core	0.2	0.08	0.06	0.7	1.4	<0.05	1.8	8.77	11.6	0.02	12	0.7	5.1	<10
2315703	Drill Core	0.2	0.05	0.06	0.6	1.0	<0.05	0.8	6.88	10.9	0.02	38	0.5	6.6	<10
2315704	Drill Core	0.2	0.11	0.10	0.6	2.3	<0.05	2.0	10.80	20.6	0.04	4	0.1	7.7	<10
2315705	Drill Core	<0.1	0.09	0.07	0.8	1.5	<0.05	1.8	7.47	10.2	<0.02	11	0.3	6.5	<10
2315706	Drill Core	<0.1	0.07	0.11	0.5	1.0	<0.05	1.5	6.92	13.3	<0.02	10	0.2	2.8	<10
2315707	Drill Core	0.1	0.06	0.17	0.6	1.2	<0.05	1.9	5.60	10.4	<0.02	21	0.4	2.9	<10
2315708	Drill Core	0.1	0.19	0.10	0.8	1.0	<0.05	4.7	4.82	8.6	<0.02	2	0.3	5.3	<10
2315709	Drill Core	<0.1	0.14	0.11	1.9	1.1	<0.05	3.2	7.00	12.3	<0.02	6	0.3	5.8	<10
2315710	Rock Pulp	<0.1	0.10	0.03	27.6	1.5	<0.05	3.1	8.84	29.0	0.04	42	0.4	6.2	37
2315711	Rock	0.1	0.07	0.33	43.7	0.6	<0.05	1.1	4.84	18.9	<0.02	<1	0.2	27.1	<10
2315712	Drill Core	0.1	0.11	0.07	1.2	1.5	<0.05	2.8	8.54	15.2	0.04	<1	0.4	7.6	<10
2315713	Drill Core	<0.1	0.17	0.16	1.2	1.0	<0.05	4.4	6.66	14.2	<0.02	5	0.1	4.5	<10
2315714	Drill Core	<0.1	0.10	0.09	2.7	0.9	<0.05	2.8	8.83	16.9	<0.02	9	0.3	6.1	<10
2315715	Drill Core	0.2	0.05	0.03	2.0	1.7	<0.05	1.1	11.44	23.9	0.06	2	0.3	10.7	<10
2315716	Drill Core	<0.1	<0.02	<0.02	2.9	0.6	<0.05	0.5	11.20	26.2	0.04	2	0.8	7.1	<10
2315717	Drill Core	0.2	0.05	0.13	1.8	1.2	<0.05	1.6	6.74	12.9	0.02	13	0.3	7.0	<10
2315718	Drill Core	<0.1	0.09	0.15	1.1	0.9	<0.05	2.0	5.68	16.1	<0.02	9	0.4	7.2	<10
2315719	Drill Core	<0.1	0.07	0.13	0.5	1.2	<0.05	1.8	7.31	25.3	<0.02	12	0.4	5.3	<10
2315720	Drill Core	0.1	0.10	0.14	0.6	1.0	<0.05	2.7	5.69	20.1	<0.02	32	0.2	3.7	<10
2315721	Drill Core	<0.1	0.07	0.08	0.6	1.1	<0.05	1.9	6.06	20.8	<0.02	10	<0.1	2.9	<10
2315722	Drill Core	<0.1	0.10	0.10	0.7	1.1	<0.05	1.9	6.26	21.8	<0.02	7	0.4	2.8	<10
2315723	Drill Core	<0.1	0.08	0.11	0.7	1.3	<0.05	2.3	7.44	22.1	<0.02	2	0.4	6.1	<10

Acme Analytical Laboratories (Vancouver) Ltd.

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QUALITY CONTROL REPORT

WHI13000311.1

	Method Analyte Unit MDL	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
Pulp Duplicates																					
2315654	Drill Core	6.78	0.021	0.65	37.01	4.69	20.0	75	6.7	1.7	179	0.58	10.6	0.9	22.3	9.0	47.2	0.15	0.66	0.27	22
REP 2315654	QC			0.57	33.92	4.63	19.4	79	5.2	1.8	167	0.58	10.3	0.8	23.3	8.5	47.5	0.13	0.60	0.28	22
2315689	Drill Core	6.07	0.227	5.89	4.37	4.59	20.0	90	11.0	2.6	231	0.88	4.8	1.0	110.1	3.2	44.5	0.13	0.13	0.16	101
REP 2315689	QC			6.64	4.28	4.18	20.0	106	11.1	2.5	228	0.88	4.8	0.9	302.5	2.9	50.2	0.13	0.13	0.19	102
2315721	Drill Core	2.94	0.011	8.93	17.37	11.67	33.2	613	1.5	0.8	87	0.29	4.9	1.9	7.4	8.7	69.4	0.36	0.47	<0.02	20
REP 2315721	QC		0.009																		
2315723	Drill Core	6.35	0.011	3.40	14.31	16.44	29.5	141	1.9	0.9	130	0.38	4.7	1.8	8.5	6.7	69.3	0.29	0.33	<0.02	28
REP 2315723	QC		0.014																		
Core Reject Duplicates																					
2315661	Drill Core	1.80	0.020	1.68	34.27	9.65	31.6	115	6.4	2.1	174	0.54	13.1	1.3	20.4	3.9	235.8	0.33	0.59	0.29	30
DUP 2315661	QC		0.017	1.58	32.00	8.53	29.9	104	6.7	2.1	182	0.53	12.9	1.2	20.5	3.4	221.2	0.33	0.54	0.26	28
2315695	Drill Core	6.33	0.057	5.23	4.16	6.24	18.0	140	2.4	0.7	136	0.58	3.0	2.1	28.6	14.2	141.3	0.16	0.37	0.11	17
DUP 2315695	QC		0.055	5.54	3.92	6.13	17.1	84	2.1	0.6	131	0.53	2.9	2.0	37.3	13.9	145.7	0.15	0.34	0.11	16
Reference Materials																					
STD DS9	Standard			14.45	116.3	134.1	320.4	1608	44.4	8.0	581	2.40	23.4	2.3	111.7	5.8	58.9	2.39	3.55	5.50	40
STD DS9	Standard			13.07	123.6	135.1	317.3	1889	43.7	8.2	579	2.36	23.4	2.5	102.8	5.7	56.7	2.30	3.67	5.74	41
STD DS9	Standard			13.33	116.7	134.6	307.6	1810	43.5	8.1	579	2.45	25.3	2.2	106.1	5.6	57.4	2.27	3.43	5.55	42
STD DS9	Standard			12.78	93.85	108.6	325.1	1786	42.4	8.0	614	2.38	21.4	2.2	100.1	5.2	54.2	2.15	3.62	5.97	38
STD OREAS45EA	Standard			1.46	722.3	13.21	29.6	269	392.1	52.3	392	22.93	7.3	1.6	57.3	8.9	3.2	0.03	0.12	0.18	310
STD OREAS45EA	Standard			1.47	686.7	12.38	27.9	262	391.1	53.2	381	21.42	7.7	1.5	54.4	8.9	2.8	0.01	0.15	0.20	320
STD OREAS45EA	Standard			1.63	669.2	13.40	32.1	294	366.2	55.1	420	24.81	8.4	1.6	55.6	9.4	3.4	0.03	0.22	0.23	296
STD OREAS45EA	Standard			1.21	658.4	12.07	27.1	255	361.2	48.5	394	23.65	5.6	1.4	66.7	8.4	3.0	0.02	0.11	0.22	294
STD OXC109	Standard		0.190																		
STD OXC109	Standard		0.183																		
STD OXC109	Standard		0.189																		
STD OXC109	Standard		0.186																		
STD OXI96	Standard		1.751																		
STD OXI96	Standard		1.726																		

QUALITY CONTROL REPORT

WHI13000311.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																					
2315654	Drill Core	1.41	0.059	13.0	15.1	0.35	44.8	0.101	<20	0.77	0.126	0.01	0.2	3.4	<0.02	<0.02	5	<0.1	0.14	3.3	5.70
REP 2315654	QC	1.40	0.058	11.6	14.1	0.33	39.7	0.093	<20	0.75	0.125	0.01	0.1	3.3	<0.02	<0.02	5	0.2	0.16	3.1	5.29
2315689	Drill Core	2.37	0.024	3.8	57.6	1.84	21.4	0.055	<20	1.72	0.107	0.03	0.3	19.5	0.02	<0.02	<5	<0.1	0.10	7.1	2.59
REP 2315689	QC	2.39	0.023	3.7	55.8	1.84	21.0	0.051	<20	1.73	0.105	0.03	0.2	19.1	0.02	<0.02	6	<0.1	0.08	7.1	2.42
2315721	Drill Core	1.34	0.062	9.7	3.8	0.21	52.0	0.083	<20	1.36	0.254	0.01	1.2	1.3	<0.02	<0.02	<5	<0.1	<0.02	3.8	8.15
REP 2315721	QC																				
2315723	Drill Core	1.69	0.079	10.2	10.4	0.39	65.1	0.098	<20	1.21	0.205	0.02	0.5	3.2	<0.02	<0.02	<5	<0.1	<0.02	3.7	6.50
REP 2315723	QC																				
Core Reject Duplicates																					
2315661	Drill Core	2.89	0.099	8.9	23.9	0.52	46.0	0.167	<20	2.92	0.442	0.02	0.1	3.0	0.03	0.03	<5	0.2	0.09	7.1	2.20
DUP 2315661	QC	2.85	0.105	8.2	24.1	0.53	42.4	0.148	<20	2.83	0.422	0.02	0.2	2.7	0.03	0.02	<5	0.1	0.13	6.7	2.07
2315695	Drill Core	1.78	0.006	2.9	7.2	0.42	34.6	0.042	<20	2.33	0.366	0.02	0.2	2.8	0.03	<0.02	<5	<0.1	0.03	5.0	3.77
DUP 2315695	QC	1.77	0.006	2.9	6.9	0.43	34.3	0.038	<20	2.28	0.355	0.02	0.1	2.8	0.03	<0.02	<5	<0.1	0.05	4.7	3.85
Reference Materials																					
STD DS9	Standard	0.73	0.084	12.0	118.2	0.65	320.0	0.105	<20	0.98	0.084	0.41	2.4	2.3	4.89	0.17	204	5.0	4.77	4.4	2.36
STD DS9	Standard	0.70	0.079	12.0	118.4	0.64	317.5	0.108	<20	0.95	0.081	0.40	2.4	2.2	5.12	0.17	197	4.8	4.98	4.3	2.37
STD DS9	Standard	0.72	0.084	10.9	114.7	0.63	304.5	0.094	<20	0.97	0.086	0.41	2.8	2.4	5.36	0.17	182	5.2	5.15	4.8	2.47
STD DS9	Standard	0.70	0.080	9.9	118.2	0.62	340.2	0.086	<20	0.92	0.079	0.41	2.9	2.4	5.56	0.17	204	5.7	5.20	5.0	2.46
STD OREAS45EA	Standard	0.03	0.028	6.3	955.4	0.08	146.1	0.086	<20	3.13	0.020	0.05	<0.1	70.0	<0.02	0.03	9	0.5	0.05	12.0	0.63
STD OREAS45EA	Standard	0.04	0.022	6.1	957.5	0.07	134.3	0.089	<20	3.06	0.016	0.05	<0.1	65.3	<0.02	0.03	8	0.6	0.05	11.2	0.61
STD OREAS45EA	Standard	0.05	0.029	6.5	926.2	0.08	156.1	0.083	<20	3.08	0.018	0.05	<0.1	78.1	<0.02	0.04	13	0.4	0.13	12.4	0.66
STD OREAS45EA	Standard	0.04	0.026	5.5	957.0	0.08	149.2	0.075	<20	2.97	0.018	0.05	<0.1	76.6	0.06	0.04	9	0.3	0.07	11.7	0.63
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				

QUALITY CONTROL REPORT

WHI13000311.1

Method Analyte Unit MDL		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
Pulp Duplicates																
2315654	Drill Core	0.1	0.07	0.21	0.6	1.6	<0.05	1.6	7.48	23.4	0.03	<1	0.3	3.2	<10	<2
REP 2315654	QC	0.2	0.07	0.19	0.6	1.5	<0.05	1.4	7.13	21.6	<0.02	<1	0.3	3.1	<10	2
2315689	Drill Core	0.2	0.11	0.04	1.3	2.7	<0.05	1.9	8.35	11.3	0.12	4	0.3	14.7	<10	<2
REP 2315689	QC	0.2	0.08	0.03	1.4	2.6	<0.05	2.0	8.26	11.2	0.11	2	0.5	14.4	<10	<2
2315721	Drill Core	<0.1	0.07	0.08	0.6	1.1	<0.05	1.9	6.06	20.8	<0.02	10	<0.1	2.9	<10	<2
REP 2315721	QC															
2315723	Drill Core	<0.1	0.08	0.11	0.7	1.3	<0.05	2.3	7.44	22.1	<0.02	2	0.4	6.1	<10	<2
REP 2315723	QC															
Core Reject Duplicates																
2315661	Drill Core	0.2	0.08	0.10	0.9	3.1	<0.05	2.3	9.24	20.5	0.02	2	0.4	4.5	<10	2
DUP 2315661	QC	0.1	0.07	0.07	0.7	2.3	<0.05	2.0	8.14	20.1	<0.02	2	0.3	4.2	<10	<2
2315695	Drill Core	<0.1	0.06	0.15	0.5	0.8	<0.05	1.6	5.20	7.6	0.02	4	0.6	3.9	<10	<2
DUP 2315695	QC	<0.1	0.06	0.13	0.5	0.8	<0.05	1.7	5.11	7.5	0.02	7	0.7	3.9	<10	<2
Reference Materials																
STD DS9	Standard	<0.1	0.06	0.86	32.3	5.7	<0.05	1.9	5.34	23.0	1.92	52	4.4	23.2	99	329
STD DS9	Standard	<0.1	0.07	0.87	33.1	5.6	<0.05	1.8	5.15	21.3	1.90	50	5.1	23.8	127	348
STD DS9	Standard	0.1	0.08	0.81	33.8	5.1	<0.05	2.0	4.96	21.5	1.84	62	5.1	21.5	120	360
STD DS9	Standard	<0.1	0.07	0.87	28.9	6.2	<0.05	1.8	5.04	18.8	2.12	56	6.0	24.0	130	374
STD OREAS45EA	Standard	0.3	0.66	0.08	6.8	0.9	<0.05	21.9	4.64	15.7	0.08	<1	0.4	2.1	78	101
STD OREAS45EA	Standard	0.3	0.57	0.07	6.7	0.6	<0.05	19.0	4.70	15.1	0.07	<1	0.5	2.3	82	102
STD OREAS45EA	Standard	0.3	0.68	0.09	7.4	0.8	<0.05	24.1	5.19	16.1	0.07	<1	0.6	2.2	77	113
STD OREAS45EA	Standard	0.1	0.66	0.07	6.0	0.8	<0.05	20.5	4.83	14.6	0.09	<1	0.4	1.9	49	105
STD OXC109	Standard															
STD OXC109	Standard															
STD OXC109	Standard															
STD OXC109	Standard															
STD OXI96	Standard															
STD OXI96	Standard															

QUALITY CONTROL REPORT

WHI13000311.1

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
STD OXI96	Standard		1.757																	
STD OXL93	Standard		5.578																	
STD OXL93	Standard		5.543																	
STD OXL93	Standard		5.369																	
STD OXL93	Standard		5.565																	
STD OXI96 Expected			1.802																	
STD OXC109 Expected			0.201																	
STD OXL93 Expected			5.841																	
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32
STD OREAS45EA Expected				1.78	709	14.3	30.6	311	357	52	400	22.65	11.4	1.73	53	10.7	4.05	0.03	0.64	0.26
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.01	0.05	<0.01	<0.1	3	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	4	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank		<0.01	0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
Prep Wash																				
G1-WHI	Prep Blank		<0.005	0.13	6.92	3.04	46.6	27	3.3	5.0	594	2.05	<0.1	1.8	4.7	5.0	44.7	0.05	0.05	0.08
G1-WHI	Prep Blank		<0.005	0.15	5.90	3.41	46.1	18	3.3	4.3	602	2.08	0.1	1.9	<0.2	5.7	46.8	0.01	<0.02	0.07

QUALITY CONTROL REPORT

WHI13000311.1

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXI96 Expected																					
STD OXC109 Expected																					
STD OXL93 Expected																					
STD DS9 Expected		0.7201	0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37
STD OREAS45EA Expected		0.032	0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		78	0.072	0.044	340	2.09	0.11	11.7	0.77
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	0.8	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	8	<0.1	<0.02	<0.1	<0.02
BLK	Blank	0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	0.2	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
Prep Wash																					
G1-WHI	Prep Blank	0.47	0.072	11.0	7.1	0.56	182.3	0.140	<20	0.98	0.073	0.53	<0.1	2.2	0.38	<0.02	5	<0.1	<0.02	4.9	3.76
G1-WHI	Prep Blank	0.47	0.069	12.6	6.2	0.50	161.7	0.132	<20	0.95	0.088	0.50	<0.1	2.1	0.34	<0.02	<5	<0.1	<0.02	4.8	3.70

QUALITY CONTROL REPORT

WHI13000311.1

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
STD OXI96	Standard															
STD OXL93	Standard															
STD OXL93	Standard															
STD OXL93	Standard															
STD OXL93	Standard															
STD OXI96 Expected																
STD OXC109 Expected																
STD OXL93 Expected																
STD DS9 Expected		0.1	0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350
STD OREAS45EA Expected		0.26	0.82	0.43	7.93	0.97		26.6	5.74	17.7	0.1		0.47	7.63	66	108
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.2	<0.01	0.3	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.2	<0.01	0.2	<0.02	1	<0.1	<0.1	<10	<2
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
Prep Wash																
G1-WHI	Prep Blank	0.1	0.09	0.34	48.0	0.5	<0.05	1.1	4.54	19.6	0.05	<1	0.4	33.4	<10	<2
G1-WHI	Prep Blank	0.1	0.08	0.35	44.3	0.5	<0.05	1.5	5.27	21.7	0.02	<1	0.2	31.8	<10	<2

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Whitehorse
Received: August 23, 2013
Report Date: September 13, 2013
Page: 1 of 5

CERTIFICATE OF ANALYSIS

WHI13000325.1

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_014
P.O. Number
Number of Samples: 109

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	103	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
G601	109	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
1F04	109	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	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. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI13000325.1

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315724	Drill Core	6.07	<0.005	0.43	12.04	11.85	38.7	319	2.3	4.0	384	1.95	0.3	6.6	<0.2	18.0	19.0	0.16	0.08	1.21
2315725	Drill Core	6.06	<0.005	0.40	3.95	6.01	31.2	25	2.3	3.3	354	1.81	0.5	7.2	<0.2	22.2	35.4	0.03	0.09	0.19
2315726	Drill Core	4.16	<0.005	0.42	2.57	6.13	38.9	16	2.2	4.3	409	1.90	0.8	7.9	<0.2	22.8	17.9	0.01	0.09	0.07
2315727	Drill Core	6.19	0.005	0.93	3.20	15.46	28.1	33	1.6	3.1	467	1.49	1.7	8.2	1.5	15.8	85.8	0.12	0.09	0.30
2315728	Drill Core	4.97	<0.005	1.83	6.86	25.27	21.8	169	1.4	2.8	550	1.48	1.8	6.0	<0.2	14.1	136.2	0.33	0.18	0.45
2315729	Drill Core	4.49	0.009	1.78	9.65	17.78	29.0	100	1.7	3.9	499	1.65	2.8	10.2	11.4	20.0	64.0	0.30	0.12	1.05
2315730	Rock Pulp	0.06	2.032	3.20	35.98	5.64	48.4	397	28.6	11.7	445	2.73	7.9	0.3	2131	0.9	38.4	0.16	0.54	0.19
2315731	Rock	0.86	<0.005	0.20	12.17	3.25	43.0	7	3.4	4.1	563	1.97	0.4	1.9	0.6	5.2	48.6	0.02	0.02	0.05
2315732	Drill Core	5.56	0.048	0.72	19.14	13.32	25.0	71	1.8	3.5	326	1.57	3.2	7.4	43.3	18.6	55.2	0.07	0.21	2.41
2315733	Drill Core	6.85	0.005	0.88	14.05	18.04	27.9	320	2.7	4.2	351	1.98	1.6	6.8	6.4	19.4	32.4	0.15	0.18	0.91
2315734	Drill Core	6.03	0.007	2.10	28.06	75.76	68.2	1537	2.8	4.0	391	1.99	1.6	5.2	0.9	16.9	37.2	3.24	0.14	2.78
2315735	Drill Core	5.49	<0.005	1.00	6.08	7.03	24.3	57	2.5	3.8	305	1.80	0.6	6.1	<0.2	17.8	41.6	0.05	0.16	0.16
2315736	Drill Core	6.06	<0.005	20.92	9.59	4.84	25.4	35	2.4	4.3	360	1.87	1.0	6.6	1.1	20.0	61.3	0.04	0.49	0.35
2315737	Drill Core	6.65	<0.005	1.37	4.54	4.41	25.2	11	2.7	4.0	341	1.95	0.5	8.5	<0.2	19.4	34.2	0.02	0.05	0.04
2315738	Drill Core	3.51	0.006	29.79	4.44	12.77	29.3	261	2.1	3.9	375	1.83	0.9	7.8	2.8	21.2	45.7	0.08	0.16	0.83
2315739	Drill Core	5.13	<0.005	2.13	6.34	10.40	27.6	192	2.2	4.5	345	1.88	0.8	6.3	<0.2	20.0	52.9	0.15	0.14	0.39
2315740	Drill Core	5.19	<0.005	34.93	4.09	6.15	30.4	27	2.2	4.3	349	1.77	0.2	6.1	<0.2	19.6	49.6	<0.01	0.06	0.05
2315741	Drill Core	2.60	<0.005	97.95	3.58	5.37	34.6	11	2.0	4.1	310	1.83	0.2	6.3	<0.2	19.9	70.8	0.03	0.05	<0.02
2315742	Drill Core	2.85	<0.005	27.03	5.27	5.65	33.8	9	2.0	4.5	329	1.83	0.4	7.0	<0.2	19.7	72.0	0.03	0.05	<0.02
2315743	Drill Core	6.22	<0.005	20.09	3.69	5.54	36.1	16	1.8	4.0	368	1.74	0.3	6.8	<0.2	20.0	64.4	0.02	0.05	0.04
2315744	Drill Core	6.72	0.006	0.98	9.59	5.97	32.0	22	1.9	4.3	404	1.75	1.7	8.5	0.5	19.4	59.4	0.04	0.09	0.10
2315745	Drill Core	2.79	<0.005	1.60	8.67	5.03	34.0	13	2.4	4.5	366	1.83	0.4	7.1	<0.2	20.7	32.7	0.02	0.08	0.07
2315746	Drill Core	6.90	0.009	4.99	13.74	11.06	32.1	41	1.8	4.2	340	1.72	2.7	9.8	32.9	19.7	62.9	0.02	0.09	0.93
2315747	Drill Core	5.83	0.009	17.50	8.55	5.56	28.3	17	2.3	4.4	357	1.83	0.6	6.8	<0.2	19.2	42.4	<0.01	0.07	0.65
2315748	Drill Core	4.20	0.058	23.89	11.75	8.09	27.9	24	2.2	4.9	406	1.87	3.6	6.5	6.7	18.7	110.1	0.03	0.08	2.62
2315749	Drill Core	4.28	0.018	1.07	13.54	5.14	26.3	34	2.8	3.7	296	1.74	0.7	8.6	4.7	17.5	30.5	0.02	0.10	1.55
2315750	Rock Pulp	0.07	4.857	10.89	40.02	9.21	76.6	653	32.8	5.2	354	1.73	403.8	1.9	111.5	1.7	39.9	0.65	18.37	0.25
2315751	Rock	1.58	0.018	0.19	12.01	3.14	42.5	20	4.8	4.3	613	2.03	0.1	1.7	1.9	6.0	50.6	<0.01	<0.02	0.08
2315752	Drill Core	4.95	0.019	44.28	27.67	5.77	31.5	49	2.4	4.3	320	2.04	1.3	11.3	40.2	21.2	46.0	0.03	0.20	1.21
2315753	Drill Core	6.45	<0.005	16.23	8.09	15.09	30.5	27	2.5	3.7	1064	1.96	3.9	7.4	16.0	13.9	471.7	0.04	0.19	0.89

CERTIFICATE OF ANALYSIS

WHI13000325.1

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315724	Drill Core	0.53	0.038	27.8	7.7	0.39	270.4	0.131	<20	0.86	0.065	0.32	0.5	2.4	0.24	<0.02	<5	<0.1	0.03	4.4	2.65
2315725	Drill Core	0.48	0.032	27.3	7.2	0.35	306.6	0.119	<20	0.80	0.068	0.37	0.2	2.4	0.29	<0.02	6	<0.1	<0.02	3.5	2.85
2315726	Drill Core	0.49	0.038	27.2	7.8	0.38	290.9	0.142	<20	0.82	0.058	0.33	0.5	2.3	0.29	<0.02	8	<0.1	<0.02	4.0	3.23
2315727	Drill Core	3.34	0.029	18.4	3.2	0.70	43.5	<0.001	<20	0.54	0.001	0.18	<0.1	2.5	0.10	<0.02	24	<0.1	<0.02	1.2	2.69
2315728	Drill Core	4.27	0.022	17.7	2.1	1.18	47.1	<0.001	<20	0.35	0.002	0.18	0.1	1.7	0.08	<0.02	15	<0.1	<0.02	0.7	2.78
2315729	Drill Core	3.62	0.034	20.6	2.9	0.32	42.4	<0.001	<20	0.55	<0.001	0.18	<0.1	2.6	0.09	<0.02	20	<0.1	<0.02	1.0	3.18
2315730	Rock Pulp	0.83	0.063	4.3	30.9	0.84	110.9	0.110	<20	1.66	0.094	0.16	10.7	5.0	0.05	0.04	90	0.2	0.05	5.2	0.43
2315731	Rock	0.46	0.078	10.1	8.1	0.48	163.0	0.114	<20	0.86	0.076	0.48	<0.1	2.2	0.32	<0.02	9	<0.1	<0.02	4.1	3.26
2315732	Drill Core	2.08	0.036	23.1	6.1	0.45	54.0	0.003	<20	0.62	0.012	0.21	<0.1	2.0	0.12	<0.02	16	<0.1	0.03	1.4	2.76
2315733	Drill Core	0.91	0.038	26.7	13.7	0.43	176.0	0.096	<20	0.83	0.052	0.21	2.9	2.5	0.16	<0.02	<5	<0.1	<0.02	4.1	2.36
2315734	Drill Core	1.03	0.036	23.8	8.5	0.39	164.1	0.068	<20	0.91	0.054	0.20	1.5	2.5	0.14	<0.02	14	0.2	0.09	4.5	1.65
2315735	Drill Core	0.58	0.034	23.6	8.2	0.41	225.8	0.128	<20	0.86	0.050	0.27	0.4	1.9	0.20	<0.02	<5	<0.1	<0.02	4.0	2.41
2315736	Drill Core	0.80	0.038	27.7	8.3	0.38	281.3	0.105	<20	0.90	0.058	0.31	6.8	2.4	0.25	<0.02	<5	<0.1	<0.02	3.8	3.20
2315737	Drill Core	0.63	0.043	25.7	10.2	0.43	298.6	0.144	<20	0.90	0.067	0.37	0.8	2.2	0.30	<0.02	<5	<0.1	<0.02	4.2	3.29
2315738	Drill Core	0.91	0.035	25.7	7.9	0.41	204.3	0.069	<20	0.71	0.047	0.23	0.3	3.0	0.16	<0.02	<5	<0.1	<0.02	3.3	3.45
2315739	Drill Core	0.87	0.042	25.5	7.5	0.41	204.9	0.075	<20	0.87	0.041	0.20	0.3	2.5	0.16	<0.02	<5	<0.1	<0.02	3.9	2.67
2315740	Drill Core	0.67	0.037	24.4	6.3	0.47	256.0	0.095	<20	1.00	0.072	0.28	0.1	2.7	0.21	<0.02	5	0.1	<0.02	4.2	3.05
2315741	Drill Core	0.74	0.038	25.0	6.0	0.40	289.0	0.088	<20	0.96	0.059	0.33	1.5	2.8	0.27	<0.02	<5	0.2	<0.02	3.7	4.43
2315742	Drill Core	0.83	0.037	27.9	5.6	0.41	286.3	0.087	<20	1.01	0.065	0.34	1.7	2.9	0.25	<0.02	<5	0.1	<0.02	4.0	4.38
2315743	Drill Core	0.66	0.036	23.9	6.3	0.44	311.6	0.107	<20	1.02	0.076	0.34	0.2	2.3	0.25	<0.02	6	<0.1	<0.02	4.3	3.00
2315744	Drill Core	0.89	0.038	27.2	6.3	0.45	296.6	0.090	<20	0.99	0.080	0.35	0.4	3.0	0.30	<0.02	<5	<0.1	<0.02	4.0	3.34
2315745	Drill Core	0.56	0.041	24.5	8.2	0.48	266.5	0.143	<20	0.98	0.082	0.37	3.8	2.5	0.29	<0.02	<5	<0.1	<0.02	4.5	2.98
2315746	Drill Core	1.51	0.037	23.2	4.0	0.32	103.9	0.009	<20	0.95	0.029	0.25	0.3	2.9	0.16	0.02	16	<0.1	<0.02	2.7	2.96
2315747	Drill Core	0.73	0.039	25.8	7.5	0.49	260.3	0.103	<20	1.03	0.070	0.35	0.7	2.7	0.27	<0.02	<5	<0.1	<0.02	4.4	3.18
2315748	Drill Core	1.30	0.036	24.4	8.3	0.50	242.1	0.047	<20	1.27	0.024	0.18	0.1	3.1	0.14	<0.02	17	<0.1	0.07	4.5	2.46
2315749	Drill Core	0.42	0.034	22.7	12.4	0.41	280.8	0.133	<20	0.81	0.060	0.38	0.5	2.2	0.33	<0.02	<5	<0.1	0.09	3.9	3.06
2315750	Rock Pulp	9.34	0.050	4.3	23.3	4.33	110.8	<0.001	<20	0.26	0.009	0.10	21.0	3.2	0.93	1.25	4349	1.3	0.12	0.8	0.58
2315751	Rock	0.50	0.075	11.9	7.6	0.49	156.8	0.115	<20	0.93	0.080	0.50	<0.1	2.4	0.31	<0.02	<5	<0.1	<0.02	4.6	3.28
2315752	Drill Core	0.77	0.036	26.5	10.9	0.47	192.3	0.070	<20	0.89	0.046	0.25	10.6	3.1	0.21	0.02	<5	<0.1	0.03	3.8	4.47
2315753	Drill Core	9.87	0.028	13.3	5.2	2.28	57.0	<0.001	<20	0.60	0.002	0.07	0.2	3.5	0.06	0.03	40	<0.1	<0.02	1.5	1.18

CERTIFICATE OF ANALYSIS

WHI13000325.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315724	Drill Core	0.1	0.10	0.13	27.0	1.4	<0.05	1.9	6.73	46.9	<0.02	<1	0.2	16.7	<10
2315725	Drill Core	0.1	0.09	0.13	30.4	1.3	<0.05	2.7	6.46	44.7	<0.02	<1	0.1	19.9	<10
2315726	Drill Core	0.1	0.11	0.15	30.1	1.5	<0.05	2.4	6.89	45.4	<0.02	<1	0.4	24.7	<10
2315727	Drill Core	<0.1	0.05	<0.02	10.5	0.3	<0.05	2.0	8.84	32.7	<0.02	<1	0.6	1.5	<10
2315728	Drill Core	<0.1	0.05	<0.02	9.6	0.7	<0.05	1.9	7.88	29.4	<0.02	<1	0.6	0.6	<10
2315729	Drill Core	<0.1	0.04	<0.02	11.6	0.3	<0.05	1.6	9.61	35.9	<0.02	<1	0.6	2.0	<10
2315730	Rock Pulp	<0.1	0.14	0.02	5.1	0.5	<0.05	4.3	6.48	8.9	<0.02	2	0.3	12.4	<10
2315731	Rock	0.2	0.06	0.19	39.7	1.7	<0.05	1.0	4.61	18.6	<0.02	<1	0.2	34.5	<10
2315732	Drill Core	<0.1	0.05	<0.02	13.0	0.4	<0.05	1.9	8.52	37.9	<0.02	<1	0.6	3.1	<10
2315733	Drill Core	0.1	0.08	0.11	17.1	1.0	<0.05	2.2	6.58	44.2	<0.02	<1	0.3	11.0	<10
2315734	Drill Core	<0.1	0.09	0.08	15.2	1.0	<0.05	2.3	6.20	39.7	<0.02	<1	0.4	11.0	<10
2315735	Drill Core	0.1	0.07	0.18	22.2	1.4	<0.05	1.8	5.33	39.7	<0.02	<1	0.3	12.4	<10
2315736	Drill Core	<0.1	0.07	0.12	26.5	1.1	<0.05	2.2	6.60	44.9	<0.02	<1	0.5	11.4	<10
2315737	Drill Core	0.1	0.06	0.12	32.6	1.2	<0.05	1.9	6.14	44.2	<0.02	<1	0.4	14.8	<10
2315738	Drill Core	<0.1	0.09	0.10	18.7	1.0	<0.05	2.4	7.47	43.1	<0.02	<1	0.3	9.1	<10
2315739	Drill Core	<0.1	0.10	0.09	16.8	1.4	<0.05	2.6	7.07	42.2	<0.02	<1	0.6	12.2	<10
2315740	Drill Core	<0.1	0.10	0.08	23.2	1.7	<0.05	2.3	6.75	40.4	<0.02	<1	0.5	17.3	<10
2315741	Drill Core	<0.1	0.11	0.08	29.7	1.5	<0.05	3.4	7.67	41.5	<0.02	<1	0.9	14.5	13
2315742	Drill Core	0.1	0.10	0.06	26.9	1.7	<0.05	3.0	7.65	45.7	<0.02	<1	0.3	13.9	<10
2315743	Drill Core	<0.1	0.09	0.08	28.6	1.5	<0.05	2.3	6.43	39.8	<0.02	<1	0.5	16.0	<10
2315744	Drill Core	<0.1	0.10	0.07	27.7	1.2	<0.05	2.4	7.51	43.1	<0.02	<1	0.5	12.1	<10
2315745	Drill Core	0.1	0.07	0.13	31.8	1.7	<0.05	1.9	7.26	43.1	<0.02	<1	0.4	19.5	<10
2315746	Drill Core	<0.1	0.05	<0.02	16.6	0.7	<0.05	2.1	8.42	39.5	<0.02	<1	0.6	5.7	<10
2315747	Drill Core	0.1	0.07	0.09	27.9	1.2	<0.05	2.0	7.00	42.5	<0.02	<1	0.4	13.5	<10
2315748	Drill Core	<0.1	0.08	0.05	15.0	1.7	<0.05	2.0	8.88	40.6	<0.02	<1	0.7	11.9	<10
2315749	Drill Core	0.1	0.09	0.14	34.1	1.7	<0.05	1.4	5.96	38.5	<0.02	<1	0.1	18.1	<10
2315750	Rock Pulp	<0.1	0.02	<0.02	4.2	0.9	<0.05	0.9	8.25	7.9	0.04	6	0.3	3.2	<10
2315751	Rock	0.2	0.09	0.20	46.0	0.5	<0.05	1.3	5.08	21.6	<0.02	<1	0.2	31.0	<10
2315752	Drill Core	<0.1	0.10	0.07	24.2	1.3	<0.05	2.2	8.73	43.1	<0.02	<1	0.5	13.2	11
2315753	Drill Core	<0.1	0.04	<0.02	5.8	0.6	<0.05	1.6	11.29	24.2	<0.02	1	1.2	2.2	<10

CERTIFICATE OF ANALYSIS

WHI13000325.1

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315754	Drill Core	3.87	<0.005	4.08	3.91	16.18	33.2	16	1.9	4.0	261	1.71	7.3	8.4	0.3	19.4	81.9	0.05	0.08	0.03
2315755	Drill Core	6.65	0.008	5.15	5.48	5.35	33.1	11	2.2	4.4	389	2.02	1.0	7.6	<0.2	21.6	41.3	0.02	0.07	0.87
2315756	Drill Core	4.59	<0.005	30.38	8.01	7.15	32.9	16	2.5	4.3	373	1.83	1.1	7.3	<0.2	19.3	33.0	0.04	0.17	0.22
2315757	Drill Core	6.40	<0.005	0.72	3.90	7.69	33.6	11	2.4	4.0	363	1.69	0.8	7.8	1.4	21.8	34.5	0.04	0.08	0.04
2315758	Drill Core	6.25	<0.005	4.51	5.63	9.10	38.3	19	2.2	4.8	436	1.73	2.4	7.2	0.9	22.1	61.2	0.06	0.09	0.04
2315759	Drill Core	6.53	<0.005	3.53	5.06	5.52	35.0	10	2.7	5.2	364	1.77	1.3	7.8	<0.2	20.9	25.5	0.06	0.08	0.06
2315760	Drill Core	7.46	0.075	1.47	6.47	5.03	37.0	17	1.8	4.1	353	1.73	0.6	10.2	18.7	22.1	23.5	0.02	0.10	2.58
2315761	Drill Core	2.81	0.010	0.76	25.88	6.57	36.6	52	2.2	4.0	349	1.71	1.2	10.4	2.5	25.1	29.5	0.03	0.13	1.30
2315762	Drill Core	3.70	0.015	0.73	21.41	6.55	38.4	54	2.3	4.1	366	1.73	1.0	10.4	86.1	25.2	27.3	0.02	0.13	1.52
2315763	Drill Core	6.92	0.147	2.58	29.46	5.62	32.9	56	2.2	3.8	340	1.75	0.8	9.5	17.4	24.0	32.2	0.02	0.12	2.39
2315764	Drill Core	6.61	<0.005	0.76	9.38	5.02	34.7	24	2.0	4.2	346	1.76	0.5	8.4	1.6	22.3	23.8	0.02	0.09	0.56
2315765	Drill Core	6.07	<0.005	0.89	3.21	5.89	31.5	48	2.2	4.0	330	1.73	0.4	7.5	<0.2	19.3	26.5	0.05	0.06	0.11
2315766	Drill Core	6.22	<0.005	1.11	2.34	17.49	35.3	770	2.5	3.9	366	1.75	0.5	7.0	<0.2	19.4	22.7	0.08	0.03	1.43
2315767	Drill Core	6.64	<0.005	2.62	4.01	3.97	34.2	25	2.7	3.7	353	1.77	0.4	7.7	<0.2	19.6	18.2	<0.01	0.03	0.03
2315768	Drill Core	6.24	0.017	0.94	10.33	10.40	31.1	300	2.3	4.0	355	1.78	0.6	6.9	7.1	19.4	29.7	0.11	0.05	3.55
2315769	Drill Core	6.16	<0.005	0.91	2.81	3.65	26.9	20	2.2	3.9	337	1.80	0.6	7.6	<0.2	18.3	28.7	0.02	0.03	0.44
2315770	Rock Pulp	0.06	0.230	147.4	1720	20.59	62.6	1849	15.7	16.5	340	3.75	23.9	3.5	158.4	8.5	57.3	0.93	2.67	2.07
2315771	Rock	1.01	<0.005	0.04	3.01	2.90	37.4	19	3.1	3.7	509	1.84	0.2	1.8	2.2	4.7	47.1	<0.01	<0.02	0.08
2315772	Drill Core	7.24	<0.005	0.72	8.87	3.68	26.1	20	2.1	4.0	336	1.71	0.8	8.9	1.2	19.4	23.6	0.02	0.05	0.37
2315773	Drill Core	6.79	<0.005	1.16	12.86	5.28	30.5	36	2.2	3.5	304	1.62	0.9	7.0	0.4	23.8	20.7	0.07	0.07	0.19
2315774	Drill Core	6.20	<0.005	0.67	11.46	5.23	25.5	36	2.4	3.8	311	1.65	0.8	8.4	1.2	22.1	28.6	0.05	0.06	0.65
2315775	Drill Core	7.10	0.008	0.76	38.19	4.57	27.8	62	2.2	3.6	318	1.70	0.6	7.8	1.0	20.1	22.4	0.06	0.07	2.95
2315776	Drill Core	7.35	<0.005	0.94	3.50	6.24	35.0	22	2.1	3.8	342	1.72	0.9	9.0	<0.2	18.3	21.8	0.02	0.15	0.09
2315777	Drill Core	7.04	<0.005	0.72	4.50	5.12	35.9	14	2.3	4.0	332	1.69	0.7	8.8	<0.2	19.8	19.9	0.01	0.07	0.04
2315778	Drill Core	7.03	<0.005	1.11	3.82	4.92	34.9	18	2.1	4.0	353	1.75	0.6	8.7	<0.2	19.0	19.6	0.02	0.06	0.02
2315779	Drill Core	6.90	<0.005	0.64	2.29	10.02	33.8	18	2.0	3.7	393	1.77	0.8	8.1	<0.2	19.0	19.6	0.01	0.07	0.02
2315780	Drill Core	6.60	<0.005	2.31	5.85	8.13	28.3	19	2.2	4.1	369	1.83	0.6	7.5	<0.2	20.3	21.0	0.02	0.05	0.03
2315781	Drill Core	2.65	<0.005	0.90	3.80	7.80	33.3	18	2.1	4.0	355	1.75	0.7	8.2	<0.2	20.6	19.6	0.01	0.04	0.04
2315782	Drill Core	3.09	<0.005	0.79	4.95	8.97	31.4	20	2.2	4.3	355	1.89	1.1	7.7	<0.2	20.7	23.5	0.02	0.04	0.04
2315783	Drill Core	7.42	<0.005	1.10	2.43	5.61	32.1	17	1.9	4.0	331	1.72	0.7	7.8	<0.2	20.0	22.7	0.01	0.04	<0.02

CERTIFICATE OF ANALYSIS

WHI13000325.1

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315754	Drill Core	2.01	0.035	19.5	5.5	0.55	36.7	<0.001	<20	0.64	0.001	0.11	0.2	4.1	0.08	0.02	69	<0.1	<0.02	1.8	2.20
2315755	Drill Core	0.57	0.042	24.5	11.3	0.49	247.2	0.128	<20	1.01	0.059	0.32	7.6	2.5	0.28	<0.02	9	<0.1	0.07	4.5	3.22
2315756	Drill Core	0.90	0.040	25.9	11.2	0.44	125.8	0.105	<20	0.87	0.048	0.17	4.3	2.5	0.12	<0.02	<5	<0.1	<0.02	4.4	2.08
2315757	Drill Core	0.64	0.033	25.6	7.2	0.43	176.7	0.109	<20	0.83	0.070	0.21	0.6	2.2	0.15	<0.02	5	<0.1	<0.02	4.0	1.68
2315758	Drill Core	1.36	0.036	25.7	6.3	0.39	100.2	0.019	<20	0.87	0.054	0.19	0.9	3.0	0.12	<0.02	<5	<0.1	<0.02	3.7	2.53
2315759	Drill Core	0.58	0.044	25.8	8.4	0.43	297.1	0.144	<20	0.89	0.089	0.39	2.0	2.3	0.33	<0.02	<5	<0.1	<0.02	4.3	3.06
2315760	Drill Core	0.42	0.037	30.1	7.0	0.42	355.7	0.159	<20	0.92	0.111	0.50	9.0	2.3	0.43	<0.02	<5	<0.1	0.09	4.5	4.21
2315761	Drill Core	0.40	0.034	30.1	7.6	0.41	322.5	0.145	<20	0.85	0.097	0.46	2.5	2.2	0.41	<0.02	<5	<0.1	0.07	4.4	3.72
2315762	Drill Core	0.41	0.035	32.1	8.6	0.44	322.1	0.150	<20	0.90	0.110	0.48	3.1	2.2	0.42	<0.02	<5	<0.1	0.21	4.5	3.84
2315763	Drill Core	0.44	0.036	30.7	7.4	0.41	329.4	0.151	<20	0.92	0.111	0.46	3.4	2.3	0.41	<0.02	<5	<0.1	0.03	4.6	3.73
2315764	Drill Core	0.41	0.035	31.9	7.5	0.42	332.6	0.152	<20	0.90	0.109	0.47	1.4	2.5	0.43	<0.02	<5	<0.1	<0.02	4.5	3.81
2315765	Drill Core	0.49	0.040	23.8	7.2	0.38	282.2	0.145	<20	0.85	0.080	0.40	0.2	1.8	0.36	<0.02	<5	<0.1	<0.02	4.2	3.37
2315766	Drill Core	0.49	0.038	24.6	12.2	0.41	276.2	0.141	<20	0.85	0.067	0.41	0.3	1.8	0.37	<0.02	<5	<0.1	<0.02	4.1	3.38
2315767	Drill Core	0.35	0.037	26.0	12.3	0.40	310.1	0.155	<20	0.82	0.076	0.48	0.5	1.6	0.42	<0.02	<5	<0.1	<0.02	4.1	4.06
2315768	Drill Core	0.48	0.036	24.5	10.8	0.41	279.4	0.115	<20	0.84	0.063	0.41	0.5	2.2	0.37	<0.02	<5	<0.1	0.06	4.1	3.93
2315769	Drill Core	0.46	0.038	23.9	12.1	0.41	288.1	0.128	<20	0.81	0.063	0.41	2.0	1.9	0.36	<0.02	<5	0.1	<0.02	3.9	3.85
2315770	Rock Pulp	1.68	0.069	15.6	50.9	0.78	109.2	0.027	<20	1.18	0.035	0.44	1.4	5.3	0.26	1.64	85	2.4	0.26	3.9	1.43
2315771	Rock	0.43	0.074	9.7	8.0	0.43	146.4	0.106	<20	0.84	0.075	0.48	<0.1	2.1	0.30	<0.02	<5	<0.1	<0.02	4.1	3.21
2315772	Drill Core	0.51	0.036	23.5	12.6	0.36	267.1	0.128	<20	0.76	0.059	0.41	0.6	1.8	0.37	<0.02	<5	<0.1	<0.02	3.7	3.74
2315773	Drill Core	0.39	0.031	25.9	11.5	0.35	253.6	0.127	<20	0.73	0.066	0.38	3.2	1.7	0.34	<0.02	<5	<0.1	<0.02	3.7	3.10
2315774	Drill Core	0.40	0.035	24.7	11.9	0.38	376.9	0.139	<20	0.83	0.063	0.39	3.4	1.7	0.36	<0.02	<5	<0.1	<0.02	4.1	3.01
2315775	Drill Core	0.35	0.034	25.1	8.3	0.37	284.8	0.143	<20	0.78	0.076	0.43	2.7	1.7	0.38	<0.02	<5	<0.1	0.08	3.8	3.30
2315776	Drill Core	0.57	0.035	23.5	8.5	0.34	171.2	0.134	<20	0.83	0.059	0.25	4.4	1.8	0.20	<0.02	<5	<0.1	<0.02	4.2	1.90
2315777	Drill Core	0.45	0.037	24.8	8.2	0.35	247.0	0.144	<20	0.77	0.071	0.35	1.8	1.9	0.30	<0.02	<5	<0.1	0.03	3.9	2.65
2315778	Drill Core	0.42	0.037	25.0	8.6	0.36	285.8	0.143	<20	0.79	0.078	0.41	1.6	1.9	0.33	<0.02	<5	<0.1	<0.02	3.9	2.59
2315779	Drill Core	0.72	0.036	25.0	8.4	0.45	110.1	0.126	<20	0.88	0.049	0.16	0.5	2.3	0.11	<0.02	<5	<0.1	<0.02	4.8	1.56
2315780	Drill Core	0.75	0.039	25.4	8.6	0.45	114.0	0.109	<20	0.84	0.050	0.17	5.6	2.0	0.12	<0.02	<5	<0.1	<0.02	4.4	2.27
2315781	Drill Core	0.67	0.035	24.4	8.4	0.41	126.2	0.100	<20	0.78	0.043	0.18	5.2	2.0	0.13	<0.02	<5	<0.1	<0.02	4.0	2.12
2315782	Drill Core	0.81	0.041	24.7	8.7	0.37	111.2	0.080	<20	0.82	0.044	0.16	5.3	2.0	0.11	<0.02	<5	<0.1	<0.02	4.0	2.14
2315783	Drill Core	0.61	0.038	24.1	8.2	0.36	200.2	0.120	<20	0.77	0.057	0.26	1.8	2.0	0.20	<0.02	<5	<0.1	<0.02	4.1	2.55

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Project: 210800

Report Date: September 13, 2013

Page: 3 of 5

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI13000325.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315754	Drill Core	<0.1	0.04	<0.02	7.7	0.6	<0.05	1.8	8.79	34.0	<0.02	<1	0.7	2.5	<10
2315755	Drill Core	0.1	0.08	0.11	28.1	1.3	<0.05	1.8	7.00	41.8	<0.02	<1	0.4	18.6	<10
2315756	Drill Core	<0.1	0.07	0.13	13.9	1.5	<0.05	1.8	6.79	43.6	<0.02	<1	0.6	17.4	<10
2315757	Drill Core	<0.1	0.07	0.12	16.2	1.4	<0.05	1.8	6.06	40.5	<0.02	<1	0.6	19.5	<10
2315758	Drill Core	<0.1	0.06	0.02	15.2	1.3	<0.05	1.9	8.23	42.3	<0.02	<1	0.7	13.6	<10
2315759	Drill Core	0.1	0.07	0.10	33.6	1.6	<0.05	1.5	7.00	42.7	<0.02	<1	0.3	21.3	<10
2315760	Drill Core	0.2	0.10	0.28	51.0	1.6	<0.05	1.8	6.49	56.2	<0.02	<1	0.3	24.5	<10
2315761	Drill Core	0.2	0.13	0.24	44.1	1.5	<0.05	3.0	6.15	54.9	<0.02	<1	0.3	22.7	23
2315762	Drill Core	<0.1	0.15	0.25	45.7	1.5	<0.05	3.2	6.70	57.6	<0.02	<1	0.3	23.2	13
2315763	Drill Core	0.1	0.10	0.26	45.6	1.4	<0.05	2.3	6.51	56.4	<0.02	<1	0.2	24.2	20
2315764	Drill Core	<0.1	0.08	0.25	45.1	1.5	<0.05	1.5	5.96	59.6	<0.02	<1	0.2	20.4	<10
2315765	Drill Core	0.1	0.08	0.12	36.7	1.2	<0.05	1.6	5.20	41.4	<0.02	<1	0.3	14.3	<10
2315766	Drill Core	<0.1	0.09	0.11	37.9	1.2	<0.05	1.6	4.85	41.0	<0.02	<1	0.2	16.3	<10
2315767	Drill Core	0.1	0.09	0.11	45.9	1.1	<0.05	1.7	4.85	42.6	<0.02	<1	<0.1	22.4	<10
2315768	Drill Core	0.1	0.08	0.10	38.2	1.0	<0.05	1.7	6.10	40.7	<0.02	<1	0.4	14.0	<10
2315769	Drill Core	0.1	0.04	0.10	37.4	1.0	<0.05	1.3	5.56	41.0	<0.02	<1	0.3	15.7	<10
2315770	Rock Pulp	<0.1	0.08	0.03	25.7	1.4	<0.05	2.8	8.88	27.9	0.04	42	0.6	6.7	19
2315771	Rock	0.1	0.06	0.21	39.6	0.5	<0.05	0.9	4.57	18.1	<0.02	<1	0.1	28.0	<10
2315772	Drill Core	<0.1	0.08	0.12	36.9	1.0	<0.05	1.5	5.79	40.0	<0.02	<1	0.2	16.5	<10
2315773	Drill Core	0.1	0.11	0.12	33.7	1.1	<0.05	2.5	5.00	41.8	<0.02	<1	0.4	17.2	<10
2315774	Drill Core	0.1	0.07	0.12	36.0	1.1	<0.05	1.7	5.26	41.3	<0.02	2	0.2	16.1	<10
2315775	Drill Core	0.1	0.08	0.12	42.0	1.2	<0.05	1.8	4.95	41.1	<0.02	<1	0.3	16.3	<10
2315776	Drill Core	0.2	0.08	0.14	19.5	1.2	<0.05	2.4	5.59	40.4	<0.02	<1	0.2	18.9	<10
2315777	Drill Core	0.2	0.13	0.16	34.1	1.2	<0.05	2.3	5.95	41.8	<0.02	<1	0.4	20.5	<10
2315778	Drill Core	0.2	0.12	0.15	38.0	1.2	<0.05	2.2	6.23	42.1	<0.02	<1	0.2	20.5	<10
2315779	Drill Core	<0.1	0.10	0.16	12.2	1.3	<0.05	2.1	6.10	41.2	<0.02	<1	0.7	19.3	<10
2315780	Drill Core	<0.1	0.07	0.14	14.1	1.1	<0.05	1.6	6.36	43.2	<0.02	<1	0.4	17.9	<10
2315781	Drill Core	<0.1	0.05	0.13	15.8	1.2	<0.05	1.5	6.05	39.3	<0.02	<1	0.3	14.8	<10
2315782	Drill Core	<0.1	0.06	0.11	13.1	1.0	<0.05	1.5	6.51	41.0	<0.02	<1	0.4	13.3	<10
2315783	Drill Core	0.1	0.08	0.13	22.5	1.1	<0.05	1.6	5.87	40.2	<0.02	<1	0.3	13.8	<10

CERTIFICATE OF ANALYSIS

WHI13000325.1

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315784	Drill Core	6.06	<0.005	14.31	4.54	6.30	33.2	15	2.3	4.7	356	1.82	1.0	7.7	<0.2	21.6	29.6	0.02	0.05	<0.02
2315785	Drill Core	7.17	<0.005	1.37	2.39	4.33	30.7	13	1.7	3.6	315	1.63	5.6	8.2	<0.2	19.7	24.8	<0.01	0.06	<0.02
2315786	Drill Core	4.65	<0.005	14.97	2.28	4.89	32.2	10	2.0	4.2	338	1.72	0.7	7.6	<0.2	19.0	28.0	0.02	0.05	<0.02
2315787	Drill Core	6.73	<0.005	28.35	3.37	7.63	31.1	66	2.0	4.1	440	1.77	3.6	7.2	0.7	20.4	57.5	0.06	0.09	0.13
2315788	Drill Core	5.93	0.007	14.65	7.66	8.82	30.0	246	1.9	4.1	376	1.75	4.9	7.1	2.0	19.7	53.3	0.31	0.11	0.51
2315789	Drill Core	5.96	<0.005	21.47	3.58	15.68	38.4	195	1.7	4.2	424	1.75	1.4	6.9	<0.2	20.2	39.9	1.11	0.08	0.56
2315790	Rock Pulp	0.07	2.097	3.42	34.07	5.62	51.9	329	25.4	11.9	440	2.70	8.2	0.2	1437	0.9	39.9	0.14	0.56	0.16
2315791	Rock	1.02	<0.005	0.20	2.96	3.31	38.3	7	2.9	4.2	527	1.96	0.3	1.6	0.8	5.1	53.8	<0.01	<0.02	0.05
2315792	Drill Core	6.32	<0.005	6.40	3.70	10.69	41.8	107	2.2	4.2	414	1.75	1.2	7.9	0.5	20.5	27.9	1.20	0.06	0.20
2315793	Drill Core	6.45	<0.005	2.02	3.77	6.34	26.3	21	2.0	3.4	334	1.75	4.3	9.5	1.1	20.5	34.3	0.15	0.10	0.07
2315794	Drill Core	7.04	<0.005	5.45	1.86	5.39	30.1	17	2.0	3.4	313	1.60	3.4	12.4	0.4	20.0	27.0	0.02	0.10	0.02
2315795	Drill Core	6.25	0.006	18.96	2.62	9.30	20.4	30	1.7	2.2	247	1.30	7.5	20.9	5.0	20.7	35.0	0.03	0.14	0.04
2315796	Drill Core	6.99	<0.005	1.03	1.68	7.81	33.3	27	2.3	3.4	393	1.68	7.0	12.6	1.6	22.0	40.7	0.02	0.20	0.12
2315797	Drill Core	7.01	<0.005	5.33	2.64	8.31	32.5	29	2.2	3.8	397	1.71	8.2	8.6	0.8	19.7	73.6	0.03	0.15	0.11
2315798	Drill Core	5.90	<0.005	4.10	2.84	5.95	32.5	14	2.3	3.8	374	1.79	3.4	7.6	1.0	20.3	36.7	0.02	0.07	0.04
2315799	Drill Core	5.77	<0.005	7.93	4.87	6.15	32.1	23	2.3	3.7	381	1.73	2.9	8.5	0.3	21.2	28.4	0.03	0.08	0.04
2315800	Drill Core	7.00	0.029	1.09	22.21	9.16	29.4	370	2.3	3.5	334	1.75	4.4	8.9	13.1	20.1	21.9	0.17	0.12	2.30
2315801	Drill Core	3.18	<0.005	0.85	2.76	7.00	34.6	54	2.4	3.9	322	1.71	4.5	10.2	<0.2	21.2	23.3	0.10	0.26	0.22
2315802	Drill Core	3.04	<0.005	0.87	2.55	6.87	38.2	40	2.4	3.7	353	1.75	4.2	8.9	<0.2	20.6	26.0	0.10	0.27	0.21
2315803	Drill Core	2.04	<0.005	0.78	2.07	8.32	35.4	33	2.1	3.7	336	1.68	3.6	10.2	<0.2	23.0	26.8	0.03	0.21	0.21
2315804	Drill Core	2.58	<0.005	0.75	3.45	12.10	31.9	33	2.0	4.0	353	1.26	4.9	9.0	<0.2	21.6	137.5	0.03	0.04	0.19
2315805	Drill Core	6.11	<0.005	10.98	2.37	5.15	33.6	17	2.6	4.0	327	1.88	2.8	10.1	<0.2	23.2	48.5	0.02	0.06	0.03
2315806	Drill Core	5.45	<0.005	1.88	2.31	5.87	30.8	18	2.1	4.1	308	1.95	3.0	10.1	<0.2	21.8	78.3	0.02	0.09	0.03
2315807	Drill Core	5.96	<0.005	3.46	7.51	6.72	26.8	34	2.2	4.0	362	1.72	3.6	8.6	<0.2	19.8	59.7	0.03	0.08	0.04
2315808	Drill Core	6.66	<0.005	1.35	18.60	8.61	22.9	105	2.4	3.9	318	1.81	3.0	9.1	<0.2	19.7	23.1	0.08	0.09	0.10
2315809	Drill Core	6.28	<0.005	1.51	6.88	4.33	25.0	64	2.2	3.6	286	1.74	2.7	8.6	<0.2	19.9	19.3	0.02	0.08	0.04
2315810	Rock Pulp	0.06	0.233	147.9	1767	20.97	60.0	1906	16.0	16.7	348	3.68	27.6	3.9	151.6	9.0	60.5	0.91	2.63	2.17
2315811	Rock	0.80	<0.005	0.05	1.71	2.85	42.2	22	3.1	3.9	555	1.85	2.3	1.6	0.3	4.9	40.4	<0.01	0.02	0.05
2315812	Drill Core	6.25	<0.005	0.95	2.24	4.70	29.7	16	2.2	3.6	319	1.65	2.4	8.3	<0.2	20.9	20.2	<0.01	0.03	<0.02
2315813	Drill Core	6.36	<0.005	0.82	2.72	5.87	30.9	97	2.0	4.0	329	1.67	3.1	8.2	1.1	22.9	25.9	0.04	0.07	0.07

CERTIFICATE OF ANALYSIS

WHI13000325.1

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315784	Drill Core	0.64	0.042	26.3	7.8	0.39	265.7	0.130	<20	0.86	0.085	0.37	1.5	2.3	0.30	<0.02	<5	<0.1	<0.02	4.4	2.96
2315785	Drill Core	0.45	0.038	24.6	6.2	0.36	274.7	0.141	<20	0.85	0.096	0.42	1.6	1.9	0.36	<0.02	<5	<0.1	<0.02	4.0	3.48
2315786	Drill Core	0.51	0.039	24.7	7.1	0.37	282.2	0.137	<20	0.85	0.096	0.41	1.5	1.9	0.34	<0.02	<5	<0.1	<0.02	4.1	3.16
2315787	Drill Core	1.32	0.037	26.5	5.8	0.42	164.0	0.064	<20	0.68	0.066	0.25	11.5	2.8	0.18	<0.02	<5	<0.1	<0.02	3.3	2.98
2315788	Drill Core	0.99	0.035	24.0	6.1	0.32	195.5	0.079	<20	0.78	0.063	0.26	3.4	2.0	0.20	0.03	9	<0.1	<0.02	3.8	2.61
2315789	Drill Core	0.97	0.038	26.3	6.3	0.41	157.9	0.072	<20	0.79	0.068	0.21	0.8	2.4	0.16	<0.02	<5	<0.1	<0.02	3.7	2.35
2315790	Rock Pulp	0.78	0.061	4.1	31.3	0.82	106.0	0.102	<20	1.63	0.091	0.15	11.4	4.4	0.05	0.04	91	0.3	0.04	5.2	0.43
2315791	Rock	0.48	0.074	11.2	5.3	0.49	155.8	0.116	<20	0.98	0.103	0.50	<0.1	2.1	0.29	<0.02	<5	<0.1	<0.02	4.5	3.21
2315792	Drill Core	0.60	0.037	27.0	7.6	0.42	224.6	0.124	<20	0.88	0.081	0.34	4.6	2.3	0.29	<0.02	<5	<0.1	<0.02	4.3	2.75
2315793	Drill Core	0.69	0.032	24.0	7.5	0.33	201.4	0.097	<20	0.67	0.045	0.28	4.9	2.1	0.26	<0.02	12	<0.1	<0.02	3.4	2.66
2315794	Drill Core	0.48	0.030	22.2	7.2	0.30	207.6	0.101	<20	0.63	0.050	0.28	3.8	1.9	0.27	<0.02	<5	<0.1	<0.02	3.4	2.54
2315795	Drill Core	0.60	0.020	15.8	5.1	0.21	84.6	0.032	<20	0.41	0.040	0.16	0.4	1.7	0.13	0.03	14	<0.1	<0.02	2.1	1.88
2315796	Drill Core	0.74	0.030	23.5	6.7	0.33	165.6	0.071	<20	0.56	0.042	0.25	0.6	2.4	0.23	<0.02	<5	<0.1	<0.02	2.9	2.86
2315797	Drill Core	0.93	0.029	22.8	5.8	0.32	202.0	0.045	<20	0.57	0.035	0.20	0.9	2.5	0.16	0.02	7	<0.1	<0.02	2.7	2.94
2315798	Drill Core	0.73	0.033	25.6	7.5	0.39	190.8	0.089	<20	0.69	0.050	0.25	0.6	2.2	0.21	<0.02	<5	<0.1	<0.02	3.8	2.52
2315799	Drill Core	0.53	0.033	25.3	8.9	0.37	242.9	0.118	<20	0.76	0.057	0.30	1.6	1.9	0.27	<0.02	5	<0.1	<0.02	4.3	2.65
2315800	Drill Core	0.63	0.033	24.5	8.4	0.44	160.2	0.110	<20	0.75	0.046	0.23	2.9	2.1	0.21	<0.02	<5	<0.1	0.08	4.4	2.12
2315801	Drill Core	0.44	0.031	23.0	8.1	0.38	247.3	0.133	<20	0.78	0.064	0.37	0.8	1.9	0.30	<0.02	<5	<0.1	0.04	3.9	3.30
2315802	Drill Core	0.45	0.032	25.1	8.7	0.39	273.5	0.137	<20	0.76	0.063	0.37	0.9	2.0	0.34	<0.02	7	<0.1	<0.02	4.0	3.46
2315803	Drill Core	0.58	0.031	25.6	7.9	0.37	230.1	0.108	<20	0.72	0.055	0.26	0.5	2.1	0.22	<0.02	5	<0.1	<0.02	3.9	2.98
2315804	Drill Core	1.47	0.029	21.2	3.9	0.40	105.5	0.001	<20	0.55	0.008	0.11	<0.1	4.2	0.10	0.04	53	<0.1	<0.02	2.0	3.97
2315805	Drill Core	0.49	0.032	24.6	7.7	0.39	296.5	0.103	<20	0.81	0.057	0.40	0.5	2.8	0.37	<0.02	10	<0.1	<0.02	3.9	4.56
2315806	Drill Core	0.77	0.032	22.6	6.4	0.37	214.7	0.050	<20	0.79	0.036	0.28	<0.1	3.5	0.27	<0.02	10	<0.1	<0.02	3.5	6.28
2315807	Drill Core	0.92	0.032	24.3	6.9	0.39	173.8	0.084	<20	0.71	0.045	0.21	0.8	2.7	0.18	<0.02	<5	<0.1	<0.02	3.9	2.85
2315808	Drill Core	0.89	0.031	22.7	8.6	0.42	93.2	0.082	<20	0.81	0.039	0.14	0.3	2.3	0.11	<0.02	12	<0.1	<0.02	4.6	1.64
2315809	Drill Core	0.41	0.035	24.9	7.6	0.42	249.5	0.141	<20	0.80	0.068	0.40	1.7	1.9	0.32	<0.02	<5	<0.1	<0.02	4.0	3.01
2315810	Rock Pulp	1.68	0.062	15.5	53.7	0.79	77.0	0.027	<20	1.21	0.048	0.45	1.5	6.0	0.26	1.67	93	2.3	0.30	4.0	1.46
2315811	Rock	0.48	0.070	8.9	6.8	0.49	151.0	0.105	<20	0.82	0.059	0.47	<0.1	2.2	0.32	<0.02	7	<0.1	<0.02	4.1	3.24
2315812	Drill Core	0.33	0.032	24.8	12.2	0.39	358.0	0.142	<20	0.80	0.072	0.48	1.0	1.9	0.44	<0.02	<5	<0.1	<0.02	3.8	3.49
2315813	Drill Core	0.59	0.036	24.6	11.1	0.38	220.0	0.111	<20	0.73	0.051	0.33	0.6	2.0	0.29	<0.02	<5	<0.1	<0.02	3.7	2.82

CERTIFICATE OF ANALYSIS

WHI13000325.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315784	Drill Core	0.1	0.07	0.13	33.5	1.7	<0.05	1.9	6.35	43.8	<0.02	<1	0.2	18.4	<10
2315785	Drill Core	0.1	0.07	0.10	40.2	1.3	<0.05	1.7	5.36	41.7	<0.02	<1	0.3	21.4	<10
2315786	Drill Core	0.1	0.08	0.12	37.1	1.2	<0.05	1.9	5.68	41.2	<0.02	<1	0.3	19.3	<10
2315787	Drill Core	<0.1	0.08	0.09	23.3	1.0	<0.05	1.8	7.40	45.1	<0.02	<1	0.3	7.0	<10
2315788	Drill Core	<0.1	0.07	0.10	23.2	1.6	<0.05	2.0	6.30	41.0	<0.02	<1	0.4	10.2	<10
2315789	Drill Core	<0.1	0.07	0.08	18.6	1.7	<0.05	2.3	7.05	43.2	<0.02	<1	0.5	9.1	<10
2315790	Rock Pulp	<0.1	0.15	0.02	5.7	0.4	<0.05	4.5	6.46	8.5	<0.02	<1	0.2	10.8	<10
2315791	Rock	<0.1	0.07	0.20	43.9	0.5	<0.05	1.1	4.88	20.3	<0.02	<1	0.4	28.3	<10
2315792	Drill Core	0.1	0.08	0.11	30.6	1.4	<0.05	1.7	6.35	45.1	<0.02	<1	0.3	10.2	<10
2315793	Drill Core	<0.1	0.08	0.13	27.1	1.2	<0.05	1.6	6.59	40.8	<0.02	2	0.3	11.2	<10
2315794	Drill Core	<0.1	0.11	0.14	28.7	0.8	<0.05	1.8	6.98	38.2	<0.02	2	0.3	13.7	<10
2315795	Drill Core	<0.1	0.09	0.17	15.0	0.4	<0.05	2.3	8.09	29.7	<0.02	1	0.3	4.3	<10
2315796	Drill Core	0.1	0.10	0.10	25.1	0.8	<0.05	2.2	7.18	39.1	<0.02	<1	0.2	9.9	<10
2315797	Drill Core	<0.1	0.08	0.08	17.5	0.8	<0.05	1.6	6.66	37.5	<0.02	<1	0.4	7.5	<10
2315798	Drill Core	0.1	0.07	0.10	22.6	0.9	<0.05	1.7	6.20	41.5	<0.02	2	0.4	12.8	<10
2315799	Drill Core	<0.1	0.08	0.14	29.0	1.1	<0.05	1.6	5.65	42.0	<0.02	<1	0.2	16.1	<10
2315800	Drill Core	<0.1	0.07	0.13	20.9	1.6	<0.05	1.5	5.94	40.7	<0.02	1	0.6	18.2	<10
2315801	Drill Core	0.1	0.11	0.11	32.5	1.4	<0.05	1.6	5.44	40.5	<0.02	<1	0.2	19.5	<10
2315802	Drill Core	0.1	0.08	0.14	36.9	1.4	<0.05	1.7	5.74	40.8	<0.02	<1	0.2	22.0	<10
2315803	Drill Core	<0.1	0.09	0.12	22.3	1.2	<0.05	1.8	5.69	40.9	<0.02	<1	0.4	14.4	<10
2315804	Drill Core	<0.1	0.03	<0.02	9.1	1.0	<0.05	1.4	9.42	35.2	<0.02	<1	0.9	2.1	<10
2315805	Drill Core	<0.1	0.10	0.08	40.3	1.1	<0.05	2.1	6.95	40.3	<0.02	9	0.4	16.2	<10
2315806	Drill Core	<0.1	0.10	0.04	28.3	0.9	<0.05	2.7	8.31	39.4	<0.02	<1	0.9	7.1	<10
2315807	Drill Core	0.1	0.09	0.10	19.3	1.0	<0.05	2.0	7.09	40.6	<0.02	<1	0.4	11.2	<10
2315808	Drill Core	0.1	0.06	0.11	11.5	0.9	<0.05	1.6	5.94	38.0	<0.02	<1	0.8	12.6	<10
2315809	Drill Core	0.1	0.09	0.11	37.7	1.2	<0.05	1.7	5.05	41.4	<0.02	<1	0.1	17.0	<10
2315810	Rock Pulp	<0.1	0.08	0.02	28.5	1.6	<0.05	2.8	8.99	28.3	0.04	36	0.4	6.7	16
2315811	Rock	0.1	0.06	0.21	43.8	0.5	<0.05	0.8	3.98	16.8	<0.02	<1	0.4	30.5	<10
2315812	Drill Core	0.2	0.07	0.10	47.8	1.5	<0.05	1.7	4.88	40.6	<0.02	<1	0.2	30.5	<10
2315813	Drill Core	0.1	0.08	0.13	31.7	1.0	<0.05	1.9	5.99	41.8	<0.02	<1	0.1	17.9	<10

CERTIFICATE OF ANALYSIS

WHI13000325.1

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315814	Drill Core	6.10	<0.005	0.60	1.82	4.74	34.4	28	2.1	4.1	385	1.73	2.5	8.5	0.2	20.9	29.4	<0.01	0.03	<0.02
2315815	Drill Core	5.96	<0.005	0.78	1.90	4.44	28.2	14	2.2	3.5	311	1.68	2.8	9.5	<0.2	23.4	19.4	<0.01	0.03	<0.02
2315816	Drill Core	6.57	<0.005	0.74	1.83	4.61	34.5	14	2.1	3.7	347	1.63	2.6	8.3	<0.2	22.0	24.5	0.01	0.04	<0.02
2315817	Drill Core	5.96	<0.005	2.23	3.15	4.88	33.1	15	2.4	3.9	359	1.73	2.9	8.8	<0.2	20.3	24.5	0.01	0.04	<0.02
2315818	Drill Core	6.19	<0.005	0.65	2.32	6.18	34.3	20	2.3	4.2	335	1.72	3.8	6.9	<0.2	19.1	31.7	0.02	0.09	<0.02
2315819	Drill Core	6.17	<0.005	0.76	2.34	6.14	38.1	25	2.6	4.0	378	1.79	3.5	8.1	<0.2	21.4	26.0	0.01	0.11	0.07
2315820	Drill Core	3.07	<0.005	0.93	2.10	5.53	41.3	39	2.4	4.3	381	1.82	3.5	9.2	<0.2	20.5	28.3	0.02	0.20	0.15
2315821	Drill Core	3.08	<0.005	0.97	2.36	5.31	32.9	28	8.2	5.4	308	1.88	5.2	8.8	<0.2	18.4	22.3	0.01	0.36	0.25
2315822	Drill Core	2.72	<0.005	1.20	1.94	5.57	35.4	23	8.0	6.0	328	1.84	5.2	10.5	<0.2	19.1	23.7	<0.01	0.38	0.28
2315823	Drill Core	5.70	<0.005	1.05	2.55	6.23	36.9	49	8.3	6.4	367	2.01	4.6	9.4	<0.2	19.1	37.4	0.08	0.27	0.22
2315824	Drill Core	4.81	<0.005	0.84	2.28	5.53	37.0	27	7.6	6.1	366	1.98	5.4	10.8	<0.2	18.7	33.0	0.02	0.39	0.23
2315825	Drill Core	5.45	<0.005	1.21	2.31	5.68	38.8	38	7.9	6.2	413	2.01	5.7	7.6	<0.2	17.8	52.0	0.16	0.30	0.25
2315826	Drill Core	6.00	<0.005	0.83	1.85	5.03	38.6	32	8.4	6.0	416	1.89	3.8	8.7	0.3	18.8	29.0	0.02	0.35	0.18
2315827	Drill Core	5.62	<0.005	1.00	1.98	7.36	45.3	41	5.4	5.3	562	2.10	3.1	6.3	<0.2	20.2	53.0	0.08	0.11	0.16
2315828	Drill Core	5.23	<0.005	3.34	6.34	7.50	39.0	75	2.1	4.8	456	1.80	1.0	6.9	<0.2	19.6	78.2	0.05	0.21	0.11
2315829	Drill Core	4.66	<0.005	1.66	3.85	7.08	38.3	161	2.1	4.2	389	1.84	0.8	6.9	<0.2	20.2	72.5	0.04	0.21	0.11
2315830	Rock Pulp	0.07	2.250	3.25	33.34	5.22	53.9	418	25.1	11.4	454	2.71	8.4	0.3	1785	0.8	44.1	0.18	0.95	0.15
2315831	Rock	0.84	<0.005	0.17	3.89	3.29	43.0	12	3.1	3.5	553	1.95	0.3	1.9	2.8	5.5	55.7	<0.01	0.07	0.04
2315832	Drill Core	9.37	<0.005	9.29	4.83	11.59	38.1	84	1.9	3.9	491	1.81	3.6	5.6	4.4	19.8	90.9	0.12	0.29	0.16

CERTIFICATE OF ANALYSIS

WHI13000325.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315814	Drill Core	0.49	0.033	24.6	11.3	0.47	272.6	0.125	<20	0.86	0.059	0.39	0.2	2.7	0.35	<0.02	<5	<0.1	<0.02	4.3	3.46
2315815	Drill Core	0.32	0.033	25.7	11.5	0.36	297.3	0.141	<20	0.74	0.067	0.46	1.5	2.0	0.44	<0.02	9	<0.1	<0.02	3.6	3.66
2315816	Drill Core	0.41	0.033	23.9	10.0	0.42	332.8	0.133	<20	0.77	0.061	0.41	1.1	1.9	0.37	<0.02	<5	<0.1	<0.02	3.8	2.97
2315817	Drill Core	0.51	0.034	24.4	11.2	0.40	262.0	0.136	<20	0.77	0.059	0.38	0.4	2.0	0.35	<0.02	5	<0.1	<0.02	4.1	2.93
2315818	Drill Core	0.63	0.033	23.5	9.8	0.40	192.0	0.111	<20	0.77	0.056	0.25	0.4	2.1	0.19	<0.02	<5	<0.1	<0.02	4.0	2.19
2315819	Drill Core	0.56	0.035	26.7	11.7	0.40	251.8	0.125	<20	0.77	0.062	0.36	0.3	2.3	0.30	<0.02	<5	<0.1	<0.02	4.2	2.93
2315820	Drill Core	0.50	0.038	33.7	11.4	0.45	342.6	0.156	<20	0.85	0.065	0.43	0.9	2.2	0.42	<0.02	6	<0.1	<0.02	4.4	3.91
2315821	Drill Core	0.58	0.053	17.5	24.7	0.58	333.9	0.190	<20	0.93	0.066	0.41	1.1	1.7	0.35	<0.02	<5	<0.1	<0.02	4.3	4.14
2315822	Drill Core	0.60	0.056	17.6	24.7	0.58	352.8	0.193	<20	0.94	0.069	0.43	1.2	1.9	0.36	<0.02	12	<0.1	<0.02	4.6	4.18
2315823	Drill Core	0.86	0.051	18.6	24.9	0.62	313.4	0.149	<20	0.94	0.065	0.41	0.9	3.0	0.37	<0.02	7	<0.1	<0.02	4.2	4.46
2315824	Drill Core	0.67	0.056	17.4	25.2	0.61	298.8	0.164	<20	0.93	0.073	0.38	1.4	2.6	0.30	<0.02	6	<0.1	<0.02	4.5	3.84
2315825	Drill Core	0.96	0.055	17.4	24.1	0.62	302.2	0.121	<20	0.90	0.058	0.35	0.5	3.1	0.30	<0.02	<5	<0.1	<0.02	4.0	4.39
2315826	Drill Core	0.78	0.053	18.1	25.2	0.65	449.0	0.145	<20	0.93	0.053	0.31	0.8	2.2	0.26	<0.02	<5	<0.1	<0.02	4.5	3.70
2315827	Drill Core	1.33	0.041	20.1	16.4	0.57	120.0	0.027	<20	0.99	0.041	0.18	0.1	3.8	0.14	<0.02	<5	<0.1	<0.02	4.7	1.97
2315828	Drill Core	0.79	0.035	24.4	7.8	0.50	362.0	0.069	<20	1.06	0.044	0.34	0.2	2.8	0.35	<0.02	8	<0.1	0.03	4.8	3.39
2315829	Drill Core	0.64	0.038	23.7	7.1	0.48	270.3	0.062	<20	1.04	0.053	0.33	0.4	2.7	0.31	<0.02	13	<0.1	<0.02	4.3	3.97
2315830	Rock Pulp	0.81	0.064	4.3	29.8	0.84	113.5	0.096	<20	1.67	0.092	0.16	13.4	4.8	0.08	0.05	107	<0.1	0.11	5.5	0.49
2315831	Rock	0.45	0.073	12.0	6.2	0.48	176.5	0.103	<20	0.88	0.088	0.46	<0.1	2.0	0.35	<0.02	5	<0.1	<0.02	4.8	3.62
2315832	Drill Core	1.46	0.039	25.1	5.0	0.37	151.0	0.009	<20	0.86	0.040	0.24	0.1	3.5	0.20	0.03	6	<0.1	<0.02	3.2	2.98

CERTIFICATE OF ANALYSIS

WHI13000325.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315814	Drill Core	<0.1	0.09	0.12	38.1	1.2	<0.05	2.0	6.45	40.4	<0.02	<1	0.4	27.6	<10
2315815	Drill Core	0.2	0.07	0.11	44.4	1.2	<0.05	1.9	5.62	43.4	<0.02	<1	0.2	28.5	<10
2315816	Drill Core	0.1	0.06	0.12	42.0	1.1	<0.05	1.7	4.95	38.0	<0.02	<1	0.2	25.7	<10
2315817	Drill Core	0.1	0.08	0.12	38.7	1.1	<0.05	1.6	5.07	40.2	<0.02	<1	0.4	24.2	<10
2315818	Drill Core	<0.1	0.09	0.12	21.5	1.1	<0.05	1.8	5.30	38.3	<0.02	<1	0.3	16.4	<10
2315819	Drill Core	0.1	0.07	0.12	33.4	1.5	<0.05	1.8	5.44	43.5	<0.02	<1	0.4	16.6	<10
2315820	Drill Core	0.1	0.07	0.14	45.8	1.3	<0.05	1.9	5.36	53.7	<0.02	<1	0.2	19.9	<10
2315821	Drill Core	0.1	0.09	0.10	38.4	1.0	<0.05	1.8	4.82	28.8	<0.02	<1	0.4	28.1	<10
2315822	Drill Core	0.1	0.09	0.11	38.6	1.0	<0.05	1.9	5.37	29.7	<0.02	<1	0.2	27.0	<10
2315823	Drill Core	0.1	0.11	0.08	39.5	0.9	<0.05	2.1	6.26	31.8	<0.02	<1	0.2	18.6	<10
2315824	Drill Core	0.1	0.09	0.09	34.8	1.0	<0.05	1.7	5.56	29.6	<0.02	<1	0.2	18.5	<10
2315825	Drill Core	<0.1	0.13	0.07	35.8	0.9	<0.05	2.8	6.61	30.6	<0.02	<1	0.5	16.1	<10
2315826	Drill Core	0.1	0.12	0.11	32.1	1.2	<0.05	2.1	6.89	32.1	<0.02	<1	0.2	20.0	<10
2315827	Drill Core	<0.1	0.11	0.03	17.4	0.9	<0.05	3.0	9.71	34.8	<0.02	<1	0.5	15.5	<10
2315828	Drill Core	<0.1	0.16	0.11	35.3	2.5	<0.05	4.0	8.11	46.0	0.03	2	0.6	20.9	<10
2315829	Drill Core	<0.1	0.15	0.14	31.4	1.7	<0.05	4.2	7.40	45.6	0.02	1	0.7	17.0	<10
2315830	Rock Pulp	<0.1	0.12	0.03	5.8	0.5	<0.05	3.9	6.92	9.7	0.04	<1	0.2	13.5	<10
2315831	Rock	0.1	0.11	0.36	42.6	0.7	<0.05	1.1	5.31	25.0	<0.02	2	0.3	32.8	<10
2315832	Drill Core	<0.1	0.11	0.02	19.4	1.0	<0.05	3.6	8.22	45.2	<0.02	<1	0.7	7.2	<10

QUALITY CONTROL REPORT

WHI13000325.1

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
Pulp Duplicates																					
2315740	Drill Core	5.19	<0.005	34.93	4.09	6.15	30.4	27	2.2	4.3	349	1.77	0.2	6.1	<0.2	19.6	49.6	<0.01	0.06	0.05	25
REP 2315740	QC			37.96	3.89	6.28	32.5	24	1.9	4.3	365	1.86	0.2	6.2	<0.2	20.7	53.9	0.02	0.06	0.05	26
2315761	Drill Core	2.81	0.010	0.76	25.88	6.57	36.6	52	2.2	4.0	349	1.71	1.2	10.4	2.5	25.1	29.5	0.03	0.13	1.30	28
REP 2315761	QC		0.016																		
2315762	Drill Core	3.70	0.015	0.73	21.41	6.55	38.4	54	2.3	4.1	366	1.73	1.0	10.4	86.1	25.2	27.3	0.02	0.13	1.52	30
REP 2315762	QC		0.014																		
2315764	Drill Core	6.61	<0.005	0.76	9.38	5.02	34.7	24	2.0	4.2	346	1.76	0.5	8.4	1.6	22.3	23.8	0.02	0.09	0.56	27
REP 2315764	QC			0.85	9.52	5.11	35.7	21	2.1	4.1	353	1.79	0.8	7.8	0.9	22.6	24.0	0.02	0.07	0.58	28
2315775	Drill Core	7.10	0.008	0.76	38.19	4.57	27.8	62	2.2	3.6	318	1.70	0.6	7.8	1.0	20.1	22.4	0.06	0.07	2.95	25
REP 2315775	QC			0.83	35.75	4.39	28.6	71	2.1	3.5	302	1.72	0.7	8.5	0.8	19.5	21.0	0.05	0.06	2.73	26
2315810	Rock Pulp	0.06	0.233	147.9	1767	20.97	60.0	1906	16.0	16.7	348	3.68	27.6	3.9	151.6	9.0	60.5	0.91	2.63	2.17	51
REP 2315810	QC			142.9	1769	20.37	57.9	1864	17.5	16.8	343	3.72	26.5	3.8	198.9	8.8	57.7	1.00	2.51	2.04	50
2315832	Drill Core	9.37	<0.005	9.29	4.83	11.59	38.1	84	1.9	3.9	491	1.81	3.6	5.6	4.4	19.8	90.9	0.12	0.29	0.16	17
REP 2315832	QC			9.46	4.90	11.10	36.4	96	1.9	4.6	485	1.87	3.4	5.6	5.5	20.2	93.2	0.10	0.32	0.16	17
Core Reject Duplicates																					
2315755	Drill Core	6.65	0.008	5.15	5.48	5.35	33.1	11	2.2	4.4	389	2.02	1.0	7.6	<0.2	21.6	41.3	0.02	0.07	0.87	28
DUP 2315755	QC		0.008	5.81	6.02	5.48	37.4	16	2.6	4.6	389	2.09	1.1	7.5	<0.2	22.0	46.1	0.02	0.06	0.78	28
2315793	Drill Core	6.45	<0.005	2.02	3.77	6.34	26.3	21	2.0	3.4	334	1.75	4.3	9.5	1.1	20.5	34.3	0.15	0.10	0.07	21
DUP 2315793	QC		<0.005	1.74	3.55	6.37	30.1	30	2.0	3.8	339	1.71	4.4	9.9	0.5	20.6	33.5	0.12	0.11	0.06	21
Reference Materials																					
STD DS9	Standard			11.76	110.2	123.0	322.6	1948	38.8	7.3	579	2.26	26.0	2.2	113.6	5.6	66.8	2.53	4.85	7.14	37
STD DS9	Standard			10.88	104.6	119.4	300.4	1682	38.8	7.5	527	2.16	30.0	2.4	134.0	5.3	58.4	2.27	3.49	5.87	36
STD DS9	Standard			12.44	108.7	125.8	305.3	1688	40.5	8.1	565	2.20	26.4	2.3	95.6	5.4	63.4	2.22	3.23	6.07	36
STD DS9	Standard			11.38	111.9	120.8	296.9	1565	42.6	7.8	532	2.25	24.4	2.4	314.2	5.8	60.6	2.27	3.33	5.96	38
STD DS9	Standard			13.01	110.7	137.3	324.6	1767	42.8	7.7	583	2.35	25.2	2.7	122.5	6.6	63.1	2.46	4.97	6.63	39
STD OREAS45EA	Standard			1.29	591.6	13.02	26.3	252	321.9	45.1	358	20.66	7.9	1.7	57.2	9.3	3.8	<0.01	0.24	0.30	259
STD OREAS45EA	Standard			0.99	579.1	13.75	26.8	260	318.7	47.3	357	20.83	6.7	1.7	54.2	9.8	3.4	0.02	0.12	0.22	258
STD OREAS45EA	Standard			1.12	656.4	15.34	28.9	243	374.5	55.5	372	23.19	5.6	1.8	53.5	10.6	3.7	0.04	0.11	0.25	292

Acme Analytical Laboratories (Vancouver) Ltd.
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Project: 210800
Report Date: September 13, 2013

Page: 1 of 2

Part: 2 of 3

QUALITY CONTROL REPORT

WHI13000325.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
MDL		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02
Pulp Duplicates																			
2315740	Drill Core	0.67	0.037	24.4	6.3	0.47	256.0	0.095	<20	1.00	0.072	0.28	0.1	2.7	0.21	<0.02	5	0.1	<0.02
REP 2315740	QC	0.70	0.041	25.6	7.3	0.47	269.3	0.095	<20	1.02	0.075	0.29	0.1	2.8	0.22	<0.02	9	<0.1	<0.02
2315761	Drill Core	0.40	0.034	30.1	7.6	0.41	322.5	0.145	<20	0.85	0.097	0.46	2.5	2.2	0.41	<0.02	<5	<0.1	0.07
REP 2315761	QC																		
2315762	Drill Core	0.41	0.035	32.1	8.6	0.44	322.1	0.150	<20	0.90	0.110	0.48	3.1	2.2	0.42	<0.02	<5	<0.1	0.21
REP 2315762	QC																		
2315764	Drill Core	0.41	0.035	31.9	7.5	0.42	332.6	0.152	<20	0.90	0.109	0.47	1.4	2.5	0.43	<0.02	<5	<0.1	<0.02
REP 2315764	QC	0.43	0.035	31.2	7.4	0.43	331.9	0.152	<20	0.91	0.109	0.48	1.3	2.3	0.40	<0.02	<5	<0.1	<0.02
2315775	Drill Core	0.35	0.034	25.1	8.3	0.37	284.8	0.143	<20	0.78	0.076	0.43	2.7	1.7	0.38	<0.02	<5	<0.1	0.08
REP 2315775	QC	0.36	0.035	24.0	8.3	0.37	278.4	0.138	<20	0.78	0.076	0.43	3.1	1.7	0.38	<0.02	<5	<0.1	0.08
2315810	Rock Pulp	1.68	0.062	15.5	53.7	0.79	77.0	0.027	<20	1.21	0.048	0.45	1.5	6.0	0.26	1.67	93	2.3	0.30
REP 2315810	QC	1.70	0.060	16.0	54.6	0.80	79.5	0.029	<20	1.24	0.050	0.46	1.5	5.9	0.25	1.67	92	2.3	0.28
2315832	Drill Core	1.46	0.039	25.1	5.0	0.37	151.0	0.009	<20	0.86	0.040	0.24	0.1	3.5	0.20	0.03	6	<0.1	<0.02
REP 2315832	QC	1.50	0.039	25.0	5.4	0.40	160.3	0.009	<20	0.87	0.041	0.25	<0.1	3.4	0.22	0.03	9	<0.1	<0.02
Core Reject Duplicates																			
2315755	Drill Core	0.57	0.042	24.5	11.3	0.49	247.2	0.128	<20	1.01	0.059	0.32	7.6	2.5	0.28	<0.02	9	<0.1	0.07
DUP 2315755	QC	0.58	0.042	26.4	12.0	0.49	261.4	0.130	<20	1.01	0.058	0.32	8.2	2.7	0.28	<0.02	12	0.1	<0.02
2315793	Drill Core	0.69	0.032	24.0	7.5	0.33	201.4	0.097	<20	0.67	0.045	0.28	4.9	2.1	0.26	<0.02	12	<0.1	<0.02
DUP 2315793	QC	0.69	0.034	23.5	7.4	0.32	204.8	0.094	<20	0.67	0.050	0.29	6.8	2.1	0.26	<0.02	<5	<0.1	<0.02
Reference Materials																			
STD DS9	Standard	0.67	0.080	10.6	112.5	0.60	331.4	0.090	<20	0.89	0.074	0.39	2.8	2.3	5.46	0.17	192	5.2	4.73
STD DS9	Standard	0.64	0.075	9.6	111.4	0.58	284.1	0.092	<20	0.85	0.071	0.38	2.3	2.3	4.92	0.16	198	5.1	4.67
STD DS9	Standard	0.64	0.096	10.2	113.9	0.58	310.1	0.101	<20	0.85	0.073	0.38	2.3	2.2	5.08	0.16	184	4.9	4.69
STD DS9	Standard	0.67	0.081	11.2	107.4	0.60	316.9	0.099	<20	0.90	0.078	0.40	2.1	2.2	4.96	0.17	206	4.8	4.28
STD DS9	Standard	0.72	0.081	12.5	115.3	0.62	322.5	0.099	<20	0.93	0.077	0.40	2.8	2.6	5.27	0.17	217	5.6	5.12
STD OREAS45EA	Standard	0.03	0.026	6.5	737.6	0.09	151.1	0.075	<20	2.71	0.013	0.05	<0.1	72.7	0.04	0.04	14	0.3	<0.02
STD OREAS45EA	Standard	0.03	0.024	6.2	749.9	0.08	138.4	0.076	<20	2.69	0.016	0.05	<0.1	67.1	<0.02	0.04	15	0.1	0.07
STD OREAS45EA	Standard	0.04	0.030	6.6	847.2	0.09	155.0	0.083	<20	3.09	0.019	0.05	<0.1	71.0	<0.02	0.04	10	0.2	0.07

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QUALITY CONTROL REPORT

WHI13000325.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates																
2315740	Drill Core	<0.1	0.10	0.08	23.2	1.7	<0.05	2.3	6.75	40.4	<0.02	<1	0.5	17.3	<10	<2
REP 2315740	QC	<0.1	0.09	0.08	24.8	1.7	<0.05	2.2	7.15	42.2	<0.02	<1	0.6	17.8	<10	<2
2315761	Drill Core	0.2	0.13	0.24	44.1	1.5	<0.05	3.0	6.15	54.9	<0.02	<1	0.3	22.7	23	<2
REP 2315761	QC															
2315762	Drill Core	<0.1	0.15	0.25	45.7	1.5	<0.05	3.2	6.70	57.6	<0.02	<1	0.3	23.2	13	<2
REP 2315762	QC															
2315764	Drill Core	<0.1	0.08	0.25	45.1	1.5	<0.05	1.5	5.96	59.6	<0.02	<1	0.2	20.4	<10	<2
REP 2315764	QC	0.1	0.07	0.29	45.8	1.5	<0.05	1.6	6.06	59.3	<0.02	<1	0.2	20.0	<10	<2
2315775	Drill Core	0.1	0.08	0.12	42.0	1.2	<0.05	1.8	4.95	41.1	<0.02	<1	0.3	16.3	<10	<2
REP 2315775	QC	0.1	0.07	0.12	38.5	1.3	<0.05	1.8	5.04	40.2	<0.02	2	0.2	16.0	<10	<2
2315810	Rock Pulp	<0.1	0.08	0.02	28.5	1.6	<0.05	2.8	8.99	28.3	0.04	36	0.4	6.7	16	3
REP 2315810	QC	<0.1	0.09	0.03	27.5	1.5	<0.05	2.7	8.92	28.3	0.04	37	0.4	7.1	36	4
2315832	Drill Core	<0.1	0.11	0.02	19.4	1.0	<0.05	3.6	8.22	45.2	<0.02	<1	0.7	7.2	<10	<2
REP 2315832	QC	<0.1	0.11	<0.02	19.9	0.9	<0.05	3.5	8.22	46.2	<0.02	1	0.7	7.9	<10	3
Core Reject Duplicates																
2315755	Drill Core	0.1	0.08	0.11	28.1	1.3	<0.05	1.8	7.00	41.8	<0.02	<1	0.4	18.6	<10	<2
DUP 2315755	QC	<0.1	0.09	0.12	29.5	1.4	<0.05	1.9	7.43	42.4	<0.02	1	0.4	21.5	<10	<2
2315793	Drill Core	<0.1	0.08	0.13	27.1	1.2	<0.05	1.6	6.59	40.8	<0.02	2	0.3	11.2	<10	<2
DUP 2315793	QC	<0.1	0.08	0.11	26.0	0.9	<0.05	1.7	6.83	40.7	<0.02	2	0.3	10.7	<10	<2
Reference Materials																
STD DS9	Standard	<0.1	0.07	0.77	37.5	6.7	<0.05	1.5	5.04	21.2	2.28	60	5.4	27.5	122	363
STD DS9	Standard	<0.1	0.07	0.72	31.6	6.0	<0.05	1.6	4.52	18.1	1.94	57	5.6	24.2	96	335
STD DS9	Standard	0.1	0.06	0.70	31.1	5.8	<0.05	1.7	4.69	19.6	2.02	57	6.1	22.0	109	339
STD DS9	Standard	<0.1	0.04	0.69	33.0	5.8	<0.05	1.7	5.05	20.3	1.96	57	5.4	23.8	100	332
STD DS9	Standard	0.2	0.06	0.95	33.6	6.7	<0.05	1.6	5.28	24.8	2.32	63	5.6	25.2	138	378
STD OREAS45EA	Standard	0.3	0.52	0.04	7.3	0.8	<0.05	18.8	5.21	17.5	0.09	<1	0.4	2.3	65	112
STD OREAS45EA	Standard	0.3	0.73	0.07	7.5	0.7	<0.05	21.3	4.75	15.2	0.08	<1	0.5	2.1	35	111
STD OREAS45EA	Standard	0.3	0.67	0.06	7.4	0.7	<0.05	22.2	5.17	16.2	0.08	<1	0.5	2.8	80	115

QUALITY CONTROL REPORT

WHI13000325.1

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
STD OREAS45EA	Standard			1.48	677.3	15.50	28.1	265	380.5	52.9	415	23.77	8.9	2.0	52.5	10.8	3.5	0.04	0.19	0.24	298
STD OXC109	Standard		0.213																		
STD OXC109	Standard		0.215																		
STD OXI96	Standard		1.888																		
STD OXI96	Standard		1.855																		
STD OXL93	Standard		5.724																		
STD OXL93	Standard		5.669																		
STD OXC109 Expected			0.201																		
STD OXI96 Expected			1.802																		
STD OXL93 Expected			5.841																		
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40
STD OREAS45EA Expected				1.78	709	14.3	30.6	311	357	52	400	22.65	11.4	1.73	53	10.7	4.05	0.03	0.64	0.26	295
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.01	0.17	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	2	0.1	<0.1	<1	<0.01	0.1	<0.1	0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	0.15	<0.01	<0.1	2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	0.10	<0.01	<0.1	2	0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
Prep Wash																					
G1-WHI	Prep Blank		<0.005	0.14	3.52	3.72	43.3	10	3.1	4.0	545	1.98	<0.1	1.9	<0.2	5.2	44.8	0.02	0.03	0.08	35
G1-WHI	Prep Blank		<0.005	0.13	3.69	3.37	42.5	8	3.0	4.4	555	2.00	<0.1	2.1	<0.2	5.7	48.3	<0.01	<0.02	0.06	36

QUALITY CONTROL REPORT

WHI13000325.1

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
STD OREAS45EA	Standard	0.04	0.027	7.2	917.8	0.09	148.3	0.084	<20	3.04	0.023	0.05	<0.1	75.4	0.06	0.04	5	0.5	0.04	12.5	0.63
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS9 Expected		0.7201	0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37
STD OREAS45EA Expected		0.032	0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		78	0.072	0.044	340	2.09	0.11	11.7	0.77
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	6	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
Prep Wash																					
G1-WHI	Prep Blank	0.47	0.069	10.4	6.0	0.50	159.2	0.115	<20	0.92	0.078	0.51	<0.1	2.3	0.33	<0.02	<5	<0.1	<0.02	4.1	3.68
G1-WHI	Prep Blank	0.46	0.078	11.2	5.4	0.51	168.0	0.114	<20	0.95	0.085	0.52	<0.1	2.2	0.34	<0.02	<5	<0.1	<0.02	4.0	3.60

QUALITY CONTROL REPORT

WHI13000325.1

		1F Ge ppm	1F Hf ppm	1F Nb ppm	1F Rb ppm	1F Sn ppm	1F Ta ppm	1F Zr ppm	1F Y ppm	1F Ce ppm	1F In ppm	1F Re ppb	1F Be ppm	1F Li ppm	1F Pd ppb	1F Pt ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
STD OREAS45EA	Standard	0.3	0.49	0.05	7.4	1.0	<0.05	18.2	5.27	20.1	0.10	<1	0.3	2.2	34	102
STD OXC109	Standard															
STD OXC109	Standard															
STD OXI96	Standard															
STD OXI96	Standard															
STD OXL93	Standard															
STD OXL93	Standard															
STD OXC109 Expected																
STD OXI96 Expected																
STD OXL93 Expected																
STD DS9 Expected		0.1	0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350
STD OREAS45EA Expected		0.26	0.82	0.43	7.93	0.97		26.6	5.74	17.7	0.1		0.47	7.63	66	108
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
Prep Wash																
G1-WHI	Prep Blank	0.1	0.06	0.19	43.7	0.6	<0.05	1.1	4.60	19.4	<0.02	<1	0.2	35.7	<10	<2
G1-WHI	Prep Blank	<0.1	0.07	0.19	42.3	0.5	<0.05	1.0	4.99	21.2	<0.02	<1	0.4	31.8	<10	<2

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Whitehorse
Received: August 23, 2013
Report Date: September 11, 2013
Page: 1 of 5

CERTIFICATE OF ANALYSIS

WHI13000326.1

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_015
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	114	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
G601	120	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
1F04	120	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	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. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI13000326.1

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315833	Drill Core	3.89	<0.005	0.42	18.13	4.53	38.6	42	1.6	3.5	386	1.78	0.7	6.0	<0.2	19.5	15.3	<0.01	0.06	0.03
2315834	Drill Core	3.34	<0.005	0.54	3.89	4.34	35.3	26	1.6	3.3	352	1.72	0.7	7.1	<0.2	19.0	14.5	0.02	0.07	0.02
2315835	Drill Core	5.41	<0.005	0.32	2.72	4.50	39.6	19	1.7	3.3	357	1.75	0.4	5.1	0.5	19.0	17.4	<0.01	0.05	0.02
2315836	Drill Core	6.03	0.006	0.58	11.51	5.30	37.5	23	1.8	3.6	382	1.75	0.6	8.9	<0.2	19.9	24.1	<0.01	0.10	0.07
2315837	Drill Core	6.63	0.020	0.52	24.03	6.67	39.2	285	1.6	3.2	372	1.71	0.7	6.7	4.6	18.0	22.7	0.05	0.10	1.71
2315838	Drill Core	6.00	<0.005	0.88	4.08	5.76	40.0	26	1.7	3.4	416	1.84	0.6	9.7	0.3	21.2	24.6	<0.01	0.10	0.04
2315839	Drill Core	5.33	<0.005	1.10	4.65	6.64	36.0	41	1.5	3.5	351	1.78	2.1	8.2	0.2	18.4	26.3	0.02	0.29	0.05
2315840	Drill Core	6.28	<0.005	1.35	8.82	6.92	38.8	99	1.5	3.6	380	1.86	0.5	7.4	0.8	18.9	46.4	0.06	0.20	0.13
2315841	Drill Core	3.08	<0.005	0.70	8.38	7.86	40.2	144	1.8	3.4	390	1.84	0.8	6.8	<0.2	17.8	36.5	0.06	0.18	0.21
2315842	Drill Core	2.93	<0.005	0.72	11.15	8.94	37.8	226	2.0	3.6	376	1.90	0.7	9.2	<0.2	18.4	30.7	0.07	0.15	0.34
2315843	Drill Core	5.87	<0.005	1.11	7.89	5.01	37.0	37	2.1	3.7	402	1.88	0.9	8.1	<0.2	18.3	29.8	0.03	0.12	0.37
2315844	Drill Core	6.40	<0.005	0.78	8.88	4.65	30.9	24	1.5	3.4	320	1.70	0.6	7.0	<0.2	20.6	27.0	0.03	0.09	0.26
2315845	Drill Core	5.85	0.007	0.65	8.75	4.79	28.3	37	1.6	2.8	340	1.74	0.6	6.2	2.2	20.7	20.0	0.03	0.14	0.51
2315846	Drill Core	6.16	<0.005	0.73	5.59	5.29	34.1	23	1.6	3.4	337	1.73	0.9	6.6	0.4	19.1	24.7	0.03	0.31	0.16
2315847	Drill Core	5.45	0.024	0.85	5.60	5.64	34.3	80	1.9	3.5	373	1.91	1.7	6.3	6.3	18.0	31.5	0.03	0.40	0.63
2315848	Drill Core	5.76	0.013	0.82	4.04	5.71	28.4	94	1.8	3.6	330	1.84	1.2	6.1	11.2	17.3	29.7	0.03	0.29	0.82
2315849	Drill Core	6.07	<0.005	1.06	2.36	4.94	36.9	24	1.7	3.4	389	1.88	1.6	7.9	0.2	16.4	24.2	0.03	0.21	0.06
2315850	Rock Pulp	0.07	4.509	11.27	40.04	9.30	80.0	705	35.3	5.4	384	1.70	394.4	2.0	43.2	1.8	37.9	0.67	24.15	0.25
2315851	Rock	1.03	<0.005	0.18	3.69	3.05	48.3	8	3.1	4.3	585	2.13	0.3	1.6	0.7	5.3	50.2	0.02	0.04	0.04
2315852	Drill Core	6.04	0.141	0.88	2.78	10.04	39.6	50	2.2	4.0	423	1.87	1.2	6.0	63.3	17.5	31.0	0.05	0.24	4.89
2315853	Drill Core	5.46	<0.005	1.75	6.95	15.36	41.4	146	1.7	4.3	489	1.90	1.5	5.1	0.6	21.1	69.5	0.20	0.41	0.27
2315854	Drill Core	5.64	<0.005	1.30	2.55	6.08	44.8	30	1.7	4.1	408	1.94	0.3	6.5	<0.2	17.4	54.8	0.04	0.19	0.06
2315855	Drill Core	5.51	<0.005	2.18	9.07	12.67	35.1	124	1.6	4.5	445	1.89	4.4	5.8	<0.2	17.6	71.1	0.25	0.84	0.19
2315856	Drill Core	4.11	<0.005	1.08	2.32	6.57	37.7	51	1.8	4.0	426	1.94	1.0	8.6	0.4	20.0	59.2	0.06	0.25	0.14
2315857	Drill Core	5.44	<0.005	1.97	6.71	17.37	33.4	230	1.4	3.5	479	1.76	2.3	7.5	0.5	20.9	72.3	0.15	1.21	0.49
2315858	Drill Core	7.14	0.046	13.45	10.87	8.89	26.8	218	1.4	3.8	359	1.93	0.6	5.3	27.3	19.9	30.5	0.10	0.19	8.96
2315859	Drill Core	5.19	0.040	1.51	25.18	4.50	27.1	72	2.2	4.2	318	1.89	0.8	5.1	40.1	17.3	39.0	0.04	0.12	7.51
2315860	Drill Core	6.24	0.114	3.60	28.07	5.09	26.3	79	2.2	4.1	344	1.91	0.8	5.1	12.6	18.0	52.7	0.03	0.17	10.06
2315861	Drill Core	3.13	0.035	3.97	13.52	4.21	31.0	40	1.8	4.3	343	2.00	0.8	6.8	247.1	18.7	50.7	0.03	0.12	4.30
2315862	Drill Core	3.27	0.061	7.38	16.34	4.76	33.8	60	2.1	4.2	365	1.90	0.9	8.1	22.5	20.2	66.1	0.04	0.15	4.19

CERTIFICATE OF ANALYSIS

WHI13000326.1

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315833	Drill Core	0.35	0.037	24.7	6.3	0.36	349.8	0.145	<20	0.80	0.069	0.41	0.3	2.3	0.35	<0.02	<5	<0.1	<0.02	3.6	3.03
2315834	Drill Core	0.34	0.036	24.3	6.0	0.35	310.5	0.132	<20	0.77	0.063	0.38	0.2	2.1	0.32	<0.02	<5	<0.1	<0.02	3.5	2.95
2315835	Drill Core	0.40	0.034	25.6	5.7	0.33	281.9	0.129	<20	0.78	0.061	0.36	0.2	2.1	0.32	<0.02	<5	<0.1	<0.02	4.1	2.86
2315836	Drill Core	0.48	0.035	25.7	6.1	0.32	348.0	0.129	<20	0.77	0.065	0.38	0.6	2.3	0.36	<0.02	<5	<0.1	0.02	3.8	3.78
2315837	Drill Core	0.45	0.030	25.0	5.2	0.32	307.2	0.109	<20	0.74	0.061	0.33	3.5	2.3	0.30	<0.02	<5	<0.1	0.03	4.1	2.87
2315838	Drill Core	0.52	0.035	28.3	6.1	0.34	332.5	0.123	<20	0.78	0.068	0.36	0.5	2.7	0.31	<0.02	<5	<0.1	<0.02	4.1	2.82
2315839	Drill Core	0.55	0.033	27.3	8.2	0.32	308.8	0.107	<20	0.78	0.057	0.34	0.3	2.4	0.28	<0.02	<5	<0.1	<0.02	3.5	3.14
2315840	Drill Core	0.81	0.037	26.1	8.7	0.32	335.3	0.111	<20	0.81	0.057	0.35	0.2	2.5	0.29	<0.02	<5	<0.1	<0.02	4.1	3.62
2315841	Drill Core	0.54	0.036	26.0	8.3	0.35	348.4	0.121	<20	0.84	0.054	0.34	1.4	2.6	0.28	<0.02	<5	<0.1	<0.02	4.4	3.08
2315842	Drill Core	0.55	0.036	26.2	7.8	0.35	323.1	0.124	<20	0.87	0.058	0.35	2.7	2.4	0.28	<0.02	<5	<0.1	0.02	4.4	2.91
2315843	Drill Core	0.63	0.035	28.4	7.9	0.36	364.9	0.130	<20	0.79	0.060	0.39	0.6	2.6	0.32	<0.02	<5	<0.1	<0.02	4.2	3.21
2315844	Drill Core	0.38	0.034	26.7	8.4	0.32	340.7	0.133	<20	0.77	0.060	0.39	0.7	2.2	0.31	<0.02	<5	<0.1	<0.02	3.9	2.56
2315845	Drill Core	0.48	0.030	24.5	7.5	0.32	305.2	0.118	<20	0.77	0.051	0.34	7.9	2.3	0.26	<0.02	<5	<0.1	0.04	4.0	2.72
2315846	Drill Core	0.61	0.038	24.8	8.2	0.33	251.1	0.118	<20	0.73	0.040	0.27	0.9	2.1	0.22	<0.02	<5	<0.1	<0.02	3.5	2.97
2315847	Drill Core	0.64	0.036	29.1	8.7	0.36	276.9	0.119	<20	0.82	0.051	0.30	6.7	2.5	0.23	<0.02	<5	<0.1	0.04	4.3	3.53
2315848	Drill Core	0.62	0.037	27.1	6.1	0.37	259.5	0.108	<20	0.81	0.055	0.31	3.5	2.4	0.23	<0.02	<5	<0.1	0.02	4.2	3.53
2315849	Drill Core	0.61	0.035	27.9	5.7	0.42	319.9	0.141	<20	0.82	0.062	0.38	2.4	2.4	0.33	<0.02	<5	<0.1	<0.02	4.2	3.79
2315850	Rock Pulp	9.90	0.049	4.4	23.8	4.38	41.3	<0.001	<20	0.26	0.006	0.11	26.2	3.4	0.78	1.39	4511	1.3	0.13	0.8	0.56
2315851	Rock	0.50	0.084	12.0	6.0	0.53	159.4	0.129	<20	0.98	0.080	0.51	<0.1	2.5	0.31	<0.02	<5	<0.1	<0.02	4.9	3.27
2315852	Drill Core	0.69	0.040	28.8	6.9	0.40	291.3	0.135	<20	0.87	0.058	0.29	2.2	2.5	0.25	<0.02	<5	<0.1	0.32	4.5	2.84
2315853	Drill Core	1.37	0.039	30.1	6.1	0.37	219.6	0.030	<20	0.87	0.035	0.19	0.3	2.6	0.16	<0.02	6	<0.1	<0.02	4.3	2.96
2315854	Drill Core	0.74	0.042	27.1	6.4	0.36	336.3	0.104	<20	0.90	0.054	0.34	0.4	3.0	0.30	<0.02	<5	<0.1	0.05	4.2	4.01
2315855	Drill Core	1.78	0.036	21.7	2.9	0.21	86.2	0.004	<20	0.69	0.030	0.18	0.3	2.9	0.12	<0.02	14	<0.1	<0.02	2.1	3.97
2315856	Drill Core	0.98	0.041	27.4	5.4	0.36	287.4	0.086	<20	0.79	0.051	0.33	0.3	3.1	0.30	<0.02	<5	<0.1	<0.02	4.0	4.52
2315857	Drill Core	1.47	0.037	23.9	3.1	0.27	151.1	0.031	<20	0.48	0.039	0.23	2.4	2.7	0.18	<0.02	<5	<0.1	0.04	2.0	3.67
2315858	Drill Core	0.52	0.038	25.1	6.0	0.38	333.2	0.137	<20	0.92	0.060	0.43	46.5	2.4	0.43	<0.02	20	<0.1	0.29	4.5	4.24
2315859	Drill Core	0.37	0.038	24.6	6.6	0.46	425.8	0.145	<20	0.95	0.056	0.50	6.8	2.5	0.49	<0.02	<5	<0.1	0.28	4.7	5.17
2315860	Drill Core	0.47	0.038	26.1	6.1	0.49	414.6	0.154	27	0.95	0.062	0.48	13.8	2.7	0.49	<0.02	13	<0.1	0.18	4.7	4.99
2315861	Drill Core	0.58	0.043	26.1	6.3	0.44	366.9	0.156	<20	0.95	0.064	0.40	7.8	2.5	0.36	<0.02	<5	<0.1	0.21	4.7	3.54
2315862	Drill Core	0.60	0.038	30.9	6.4	0.46	386.2	0.147	<20	0.93	0.059	0.38	26.6	2.8	0.34	<0.02	<5	0.2	0.21	4.7	3.87

CERTIFICATE OF ANALYSIS

WHI13000326.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315833	Drill Core	<0.1	0.11	0.25	39.3	1.7	<0.05	2.3	6.88	42.8	<0.02	<1	0.4	29.1	<10
2315834	Drill Core	<0.1	0.09	0.28	35.5	1.4	<0.05	1.8	6.14	42.0	<0.02	<1	0.1	26.0	<10
2315835	Drill Core	<0.1	0.08	0.25	29.7	1.5	<0.05	1.7	6.07	43.8	<0.02	<1	<0.1	24.2	<10
2315836	Drill Core	<0.1	0.14	0.23	35.7	1.8	<0.05	2.7	8.63	45.1	<0.02	<1	0.3	20.8	<10
2315837	Drill Core	<0.1	0.16	0.22	31.8	1.7	<0.05	2.7	7.77	42.3	<0.02	<1	0.2	20.2	<10
2315838	Drill Core	<0.1	0.16	0.21	34.5	1.6	<0.05	3.1	7.28	47.6	<0.02	<1	0.4	23.1	<10
2315839	Drill Core	<0.1	0.12	0.21	31.1	2.1	<0.05	2.9	8.72	47.0	<0.02	<1	0.4	19.8	<10
2315840	Drill Core	<0.1	0.10	0.20	32.8	1.3	<0.05	2.5	8.85	46.3	<0.02	<1	0.3	15.7	<10
2315841	Drill Core	<0.1	0.12	0.23	31.2	1.3	<0.05	2.4	7.96	44.6	<0.02	<1	0.2	17.0	<10
2315842	Drill Core	<0.1	0.12	0.19	32.1	1.4	<0.05	2.4	8.04	43.6	<0.02	<1	0.2	19.3	<10
2315843	Drill Core	<0.1	0.11	0.23	37.3	1.4	<0.05	2.6	7.93	46.4	<0.02	<1	0.2	22.0	<10
2315844	Drill Core	<0.1	0.10	0.31	35.1	1.3	<0.05	2.2	7.39	46.9	<0.02	<1	0.2	17.9	<10
2315845	Drill Core	<0.1	0.07	0.23	30.8	1.2	<0.05	1.9	6.19	40.4	<0.02	<1	0.3	18.8	<10
2315846	Drill Core	<0.1	0.11	0.23	22.9	1.1	<0.05	2.0	6.86	44.2	<0.02	<1	0.4	18.6	<10
2315847	Drill Core	<0.1	0.12	0.23	26.6	1.3	<0.05	2.4	7.62	49.3	<0.02	<1	0.5	17.5	<10
2315848	Drill Core	<0.1	0.07	0.16	26.1	1.4	<0.05	2.0	7.41	45.8	<0.02	<1	0.3	16.3	<10
2315849	Drill Core	<0.1	0.09	0.26	33.5	1.5	<0.05	2.5	7.37	47.6	<0.02	<1	0.4	17.6	<10
2315850	Rock Pulp	<0.1	0.03	<0.02	3.9	1.0	<0.05	1.1	8.16	8.5	0.04	3	0.3	3.5	<10
2315851	Rock	0.1	0.06	0.32	42.4	0.6	<0.05	1.1	4.91	22.3	<0.02	<1	0.3	34.2	<10
2315852	Drill Core	0.1	0.14	0.24	25.3	1.8	<0.05	3.2	8.15	48.4	<0.02	<1	0.5	16.4	<10
2315853	Drill Core	<0.1	0.12	0.06	15.0	1.3	<0.05	3.6	9.63	49.9	<0.02	<1	0.7	14.1	<10
2315854	Drill Core	<0.1	0.12	0.15	30.4	1.4	<0.05	3.4	8.47	45.7	<0.02	<1	0.4	12.1	<10
2315855	Drill Core	<0.1	0.10	<0.02	12.3	0.6	<0.05	3.1	9.41	36.4	<0.02	<1	0.7	4.3	<10
2315856	Drill Core	<0.1	0.20	0.13	31.3	1.2	<0.05	5.0	8.98	46.9	<0.02	<1	0.4	9.4	<10
2315857	Drill Core	<0.1	0.20	0.12	17.2	0.8	<0.05	6.5	8.49	40.6	<0.02	2	0.5	4.8	<10
2315858	Drill Core	0.1	0.12	0.22	40.6	1.4	<0.05	2.4	6.69	44.2	<0.02	<1	0.2	14.0	<10
2315859	Drill Core	0.1	0.07	0.23	47.2	1.6	<0.05	1.8	6.26	42.2	<0.02	<1	0.3	16.1	<10
2315860	Drill Core	0.1	0.08	0.19	48.0	1.6	<0.05	1.9	6.15	41.6	<0.02	<1	0.3	17.0	<10
2315861	Drill Core	<0.1	0.09	0.19	34.3	1.5	<0.05	2.0	6.84	45.8	<0.02	<1	0.2	16.4	<10
2315862	Drill Core	0.2	0.07	0.24	36.4	1.6	<0.05	2.2	7.40	50.3	<0.02	<1	0.3	18.2	<10

CERTIFICATE OF ANALYSIS

WHI13000326.1

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315863	Drill Core	6.96	<0.005	1.86	8.16	4.73	36.1	26	1.9	4.1	422	1.93	0.9	5.6	6.2	17.4	51.0	0.02	0.23	0.67
2315864	Drill Core	6.40	0.008	0.97	4.12	4.24	37.1	13	1.8	4.5	404	1.94	0.5	6.0	2.4	18.3	41.6	0.02	0.08	0.99
2315865	Drill Core	6.80	0.019	2.70	4.80	4.46	32.9	13	2.0	3.9	364	1.76	0.6	5.5	2.0	18.1	20.4	0.02	0.07	0.40
2315866	Drill Core	6.56	<0.005	0.64	2.24	7.63	36.4	13	1.7	3.9	380	1.73	0.7	6.0	<0.2	16.8	22.1	0.03	0.10	0.05
2315867	Drill Core	6.43	<0.005	1.13	3.43	4.15	38.4	18	1.4	4.0	384	1.87	0.7	7.3	<0.2	18.9	23.5	0.01	0.05	0.05
2315868	Drill Core	6.28	0.023	0.78	7.39	3.92	38.7	20	1.6	4.3	416	1.91	0.6	7.1	1.6	19.5	26.0	0.02	0.09	0.45
2315869	Drill Core	6.87	<0.005	1.99	3.60	3.85	34.2	15	1.5	3.7	386	1.78	0.4	8.9	<0.2	18.4	22.0	0.01	0.03	0.07
2315870	Rock Pulp	0.08	0.208	163.7	1846	22.49	63.8	2130	17.2	17.8	374	3.87	25.5	4.2	153.3	9.4	63.6	0.99	3.06	2.16
2315871	Rock	0.86	<0.005	0.14	2.34	3.81	45.7	22	2.5	4.1	577	2.06	<0.1	2.6	0.9	7.9	59.8	0.01	<0.02	0.08
2315872	Drill Core	6.51	0.019	10.59	8.60	5.02	36.5	66	1.6	4.1	398	1.83	0.8	8.1	7.4	19.1	29.4	0.04	0.05	1.23
2315873	Drill Core	6.70	<0.005	2.20	10.61	9.10	38.5	176	1.5	4.3	413	1.83	1.6	7.2	<0.2	19.0	27.1	0.33	0.11	0.24
2315874	Drill Core	6.22	<0.005	1.47	8.03	8.04	38.2	95	1.5	3.8	411	1.81	0.9	6.9	<0.2	20.0	31.8	0.11	0.12	0.17
2315875	Drill Core	5.33	<0.005	1.03	4.41	5.63	45.3	49	1.8	4.1	488	1.96	0.9	7.2	<0.2	19.5	62.6	0.07	0.10	0.06
2315876	Drill Core	5.30	<0.005	0.63	2.02	5.93	43.3	34	2.2	4.3	457	1.92	0.4	8.7	<0.2	21.7	45.4	0.04	0.09	0.04
2315877	Drill Core	5.56	0.005	4.33	2.15	17.41	38.3	36	1.8	5.2	642	1.81	7.4	8.6	<0.2	18.3	44.9	0.03	0.23	0.03
2315878	Drill Core	5.34	<0.005	2.56	4.95	18.28	32.5	47	1.6	4.3	328	1.17	3.0	8.9	<0.2	21.4	33.2	0.05	0.10	0.06
2315879	Drill Core	3.07	<0.005	2.21	5.41	9.39	38.1	78	1.6	4.7	325	2.15	110.3	7.5	<0.2	17.5	92.5	0.16	0.22	0.08
2315880	Drill Core	6.33	<0.005	1.51	5.82	6.44	33.0	84	1.6	4.0	426	1.84	1.4	6.8	<0.2	22.2	45.4	0.08	0.13	0.09
2315881	Drill Core	2.61	0.008	2.54	30.38	9.81	33.7	325	1.8	4.3	391	1.87	1.0	8.6	1.0	20.5	112.8	0.34	0.14	2.51
2315882	Drill Core	2.82	0.006	3.17	26.50	9.18	32.3	318	1.9	4.2	419	1.92	0.9	7.7	0.6	20.0	110.2	0.23	0.10	2.60
2315883	Drill Core	5.40	<0.005	7.98	11.00	16.73	38.3	405	1.8	4.0	424	1.87	1.3	7.3	<0.2	18.7	128.0	0.28	0.15	0.83
2315884	Drill Core	7.10	<0.005	2.38	12.65	10.60	36.6	73	1.4	4.6	391	1.87	1.9	9.2	0.7	19.9	137.2	0.12	0.51	0.34
2315885	Drill Core	5.98	<0.005	2.19	61.05	8.44	29.4	518	2.0	4.4	359	1.87	1.5	8.9	<0.2	19.7	51.6	0.29	0.31	0.76
2315886	Drill Core	6.48	<0.005	3.73	19.88	6.65	29.1	273	1.6	3.9	381	1.80	0.8	7.8	<0.2	20.4	30.7	0.14	0.10	0.50
2315887	Drill Core	6.20	<0.005	0.91	17.06	3.99	30.1	58	2.0	4.3	384	1.90	0.7	7.9	2.2	21.4	26.6	0.01	0.07	0.35
2315888	Drill Core	6.24	<0.005	1.20	15.67	4.96	30.1	128	2.0	4.5	402	1.90	1.1	7.9	<0.2	20.6	24.2	0.07	0.08	0.14
2315889	Drill Core	6.18	0.006	1.02	6.63	5.21	32.3	36	1.9	4.2	356	1.79	0.8	9.2	<0.2	20.7	21.7	0.03	0.09	3.06
2315890	Rock Pulp	0.06	1.820	3.27	35.62	6.35	51.5	391	27.8	11.6	458	2.89	8.3	0.3	1520	1.1	44.7	0.19	0.91	0.20
2315891	Rock	0.93	<0.005	0.20	3.87	3.29	50.2	13	2.8	4.8	647	2.06	0.3	2.4	<0.2	5.5	54.7	0.02	<0.02	0.05
2315892	Drill Core	6.10	<0.005	0.75	3.56	4.45	34.7	80	1.9	4.1	349	1.71	0.5	8.9	<0.2	21.6	21.9	0.03	0.05	0.19

CERTIFICATE OF ANALYSIS

WHI13000326.1

	Method	Analyte	Unit	MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F			
					Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
					%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
					0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315863	Drill Core	0.84	0.038	28.8	5.1	0.36	339.8	0.107	<20	0.86	0.047	0.36	2.7	3.1	0.35	<0.02	<5	0.2	0.03	4.2	4.56			
2315864	Drill Core	0.64	0.039	27.1	5.8	0.44	337.6	0.128	<20	0.89	0.058	0.36	6.7	2.6	0.31	<0.02	<5	<0.1	0.04	4.6	3.53			
2315865	Drill Core	0.58	0.038	27.8	6.2	0.44	260.5	0.153	<20	0.88	0.057	0.32	1.1	2.2	0.29	<0.02	<5	<0.1	0.04	4.5	2.82			
2315866	Drill Core	0.89	0.038	27.8	5.7	0.44	156.3	0.140	<20	1.03	0.067	0.22	0.6	2.1	0.18	<0.02	<5	<0.1	0.03	5.6	2.03			
2315867	Drill Core	0.48	0.039	30.7	6.1	0.42	378.1	0.165	<20	0.95	0.092	0.46	2.3	2.5	0.43	<0.02	<5	<0.1	<0.02	4.6	3.58			
2315868	Drill Core	0.45	0.039	29.7	6.0	0.47	397.5	0.169	<20	1.01	0.085	0.52	2.4	2.6	0.48	<0.02	<5	<0.1	0.04	5.3	3.93			
2315869	Drill Core	0.44	0.039	28.2	5.5	0.44	354.2	0.158	<20	0.94	0.090	0.46	12.5	2.4	0.42	<0.02	<5	<0.1	0.05	4.5	3.67			
2315870	Rock Pulp	1.85	0.069	17.3	58.7	0.85	34.8	0.031	<20	1.34	0.052	0.50	1.8	6.4	0.30	1.82	75	2.6	0.28	4.6	1.62			
2315871	Rock	0.54	0.080	16.7	4.7	0.52	163.5	0.124	<20	1.02	0.097	0.49	0.2	2.4	0.34	<0.02	<5	<0.1	0.03	5.1	3.53			
2315872	Drill Core	0.55	0.037	29.2	5.7	0.44	341.6	0.149	<20	0.92	0.083	0.43	4.9	2.6	0.43	<0.02	<5	<0.1	0.14	4.7	3.85			
2315873	Drill Core	0.62	0.038	27.9	5.8	0.45	301.2	0.142	<20	0.93	0.072	0.37	1.1	2.7	0.37	<0.02	<5	<0.1	<0.02	4.7	3.34			
2315874	Drill Core	0.80	0.036	29.7	5.8	0.44	245.8	0.108	<20	0.81	0.049	0.25	14.0	2.7	0.24	<0.02	<5	<0.1	<0.02	4.8	3.40			
2315875	Drill Core	0.74	0.035	28.9	6.0	0.45	278.9	0.084	<20	0.90	0.052	0.30	2.1	3.0	0.31	<0.02	<5	<0.1	0.04	4.5	4.43			
2315876	Drill Core	0.84	0.035	31.8	6.3	0.47	289.0	0.102	<20	0.74	0.056	0.34	0.4	3.4	0.35	<0.02	6	<0.1	0.05	4.3	6.21			
2315877	Drill Core	1.29	0.033	18.9	3.5	0.15	61.8	0.001	<20	0.77	<0.001	0.09	0.7	4.9	0.07	<0.02	41	<0.1	<0.02	2.7	2.61			
2315878	Drill Core	0.70	0.035	23.0	3.4	0.14	69.6	0.006	<20	0.73	<0.001	0.12	0.3	4.2	0.11	<0.02	62	<0.1	<0.02	3.0	3.56			
2315879	Drill Core	1.51	0.035	20.8	3.3	0.36	157.0	0.008	<20	1.03	0.013	0.21	0.2	4.0	0.17	<0.02	16	0.2	0.05	3.2	5.00			
2315880	Drill Core	0.62	0.039	28.2	6.1	0.42	316.4	0.121	<20	0.90	0.056	0.35	0.9	2.6	0.36	<0.02	<5	<0.1	<0.02	4.8	3.90			
2315881	Drill Core	1.31	0.035	28.0	4.1	0.45	216.6	0.050	<20	0.80	0.037	0.28	2.5	3.7	0.29	<0.02	<5	<0.1	0.11	3.5	5.74			
2315882	Drill Core	1.17	0.035	27.7	4.4	0.43	229.7	0.052	<20	0.84	0.038	0.29	2.7	3.6	0.30	<0.02	<5	<0.1	0.10	3.8	5.33			
2315883	Drill Core	1.73	0.037	27.0	4.4	0.40	139.5	0.013	<20	0.89	0.024	0.19	0.4	3.3	0.19	<0.02	<5	<0.1	0.07	3.5	5.63			
2315884	Drill Core	2.00	0.038	22.8	3.6	0.47	124.2	0.009	<20	0.87	0.012	0.18	0.1	4.0	0.18	0.03	26	<0.1	0.03	2.9	4.44			
2315885	Drill Core	0.52	0.037	28.2	6.9	0.42	347.6	0.142	<20	0.91	0.060	0.43	21.3	2.5	0.48	0.05	<5	0.2	0.09	4.3	3.96			
2315886	Drill Core	0.55	0.039	31.2	7.3	0.44	297.0	0.135	<20	0.86	0.054	0.36	2.2	2.5	0.36	<0.02	<5	<0.1	0.07	4.2	3.43			
2315887	Drill Core	0.53	0.040	30.4	8.4	0.48	317.2	0.157	<20	0.92	0.063	0.41	4.1	2.5	0.41	<0.02	<5	0.2	0.05	4.4	3.77			
2315888	Drill Core	0.48	0.039	28.3	8.3	0.49	316.5	0.155	<20	0.95	0.071	0.46	1.6	2.5	0.46	<0.02	<5	<0.1	<0.02	4.6	3.94			
2315889	Drill Core	0.39	0.036	27.6	7.5	0.44	325.1	0.155	<20	0.91	0.077	0.47	1.1	2.2	0.48	<0.02	<5	<0.1	0.02	4.6	3.91			
2315890	Rock Pulp	0.90	0.063	4.5	31.6	0.88	110.0	0.132	<20	1.80	0.097	0.16	13.5	5.5	0.06	0.04	97	0.2	0.10	5.8	0.43			
2315891	Rock	0.58	0.077	12.4	6.6	0.57	170.6	0.128	<20	0.95	0.075	0.49	<0.1	2.4	0.33	<0.02	<5	<0.1	0.02	5.1	3.49			
2315892	Drill Core	0.35	0.037	27.3	10.6	0.41	329.2	0.154	<20	0.86	0.067	0.46	0.3	1.9	0.49	<0.02	<5	<0.1	<0.02	4.4	4.09			

CERTIFICATE OF ANALYSIS

WHI13000326.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315863	Drill Core	<0.1	0.12	0.13	34.2	1.2	<0.05	2.1	7.53	46.7	<0.02	<1	0.3	14.3	<10
2315864	Drill Core	<0.1	0.06	0.19	31.1	1.4	<0.05	1.7	6.67	45.1	<0.02	<1	0.1	23.1	<10
2315865	Drill Core	0.1	0.07	0.24	28.6	1.4	<0.05	1.7	5.72	44.1	<0.02	<1	0.4	24.8	<10
2315866	Drill Core	0.1	0.07	0.20	19.3	1.4	<0.05	1.6	6.24	44.2	0.04	<1	0.5	25.3	<10
2315867	Drill Core	0.1	0.13	0.19	43.4	1.4	<0.05	1.8	6.81	50.0	<0.02	<1	0.3	31.0	<10
2315868	Drill Core	<0.1	0.08	0.19	47.6	1.6	<0.05	2.1	7.22	46.8	<0.02	<1	0.3	27.4	<10
2315869	Drill Core	<0.1	0.06	0.18	44.2	1.5	<0.05	1.5	6.56	45.3	<0.02	<1	0.2	28.5	<10
2315870	Rock Pulp	<0.1	0.08	0.03	28.5	1.6	<0.05	2.8	9.94	30.8	0.03	51	0.4	7.2	41
2315871	Rock	0.1	0.08	0.43	44.8	0.6	<0.05	1.3	6.26	28.9	<0.02	<1	0.2	31.9	<10
2315872	Drill Core	0.1	0.07	0.19	44.8	1.4	<0.05	1.5	7.27	48.5	<0.02	<1	0.3	19.0	<10
2315873	Drill Core	0.1	0.06	0.23	35.2	1.4	<0.05	1.7	6.83	46.6	<0.02	<1	0.4	13.8	<10
2315874	Drill Core	<0.1	0.06	0.19	24.4	1.1	<0.05	2.0	7.03	49.3	<0.02	<1	0.3	13.9	<10
2315875	Drill Core	<0.1	0.09	0.15	31.0	1.0	<0.05	2.4	8.70	47.7	<0.02	<1	0.4	11.5	<10
2315876	Drill Core	<0.1	0.12	0.16	35.8	1.1	<0.05	2.9	8.71	51.9	<0.02	2	0.3	12.6	<10
2315877	Drill Core	<0.1	0.07	<0.02	7.6	0.6	<0.05	2.5	10.49	32.3	0.02	<1	0.6	3.7	<10
2315878	Drill Core	<0.1	0.09	<0.02	11.6	0.8	<0.05	2.7	9.13	42.0	<0.02	<1	0.6	3.4	<10
2315879	Drill Core	<0.1	0.05	0.03	19.0	0.8	<0.05	2.0	10.44	35.2	<0.02	<1	1.3	5.8	<10
2315880	Drill Core	<0.1	0.10	0.17	36.0	1.5	<0.05	2.6	7.39	47.8	<0.02	<1	0.4	9.9	<10
2315881	Drill Core	<0.1	0.13	0.09	29.4	1.1	<0.05	3.7	10.81	47.3	0.02	<1	0.8	5.6	<10
2315882	Drill Core	<0.1	0.11	0.10	30.3	1.0	<0.05	3.3	9.95	45.7	<0.02	<1	0.7	5.9	13
2315883	Drill Core	<0.1	0.09	0.04	19.1	1.6	<0.05	2.8	10.29	46.6	<0.02	<1	1.0	5.6	<10
2315884	Drill Core	<0.1	0.05	0.03	16.7	0.7	<0.05	2.4	10.31	40.5	<0.02	<1	0.6	4.7	<10
2315885	Drill Core	0.1	0.07	0.21	45.5	1.4	<0.05	1.9	6.58	48.1	<0.02	2	0.1	9.6	<10
2315886	Drill Core	0.1	0.09	0.22	37.4	1.4	<0.05	1.6	6.27	49.0	<0.02	<1	0.3	10.8	<10
2315887	Drill Core	<0.1	0.09	0.20	43.5	1.3	<0.05	1.7	6.46	51.2	<0.02	<1	0.4	18.0	<10
2315888	Drill Core	<0.1	0.08	0.20	45.0	1.6	<0.05	1.7	6.14	46.7	<0.02	<1	0.2	18.6	<10
2315889	Drill Core	0.1	0.08	0.27	47.6	1.3	<0.05	1.9	6.16	45.6	<0.02	<1	0.3	16.9	<10
2315890	Rock Pulp	0.1	0.15	0.05	5.8	0.4	<0.05	4.8	7.14	9.4	0.02	<1	0.3	12.1	<10
2315891	Rock	0.1	0.07	0.45	48.3	0.6	<0.05	1.2	5.81	23.8	0.02	<1	0.3	31.8	<10
2315892	Drill Core	0.1	0.08	0.20	49.0	1.3	<0.05	1.9	5.80	48.3	<0.02	<1	0.2	12.8	<10

CERTIFICATE OF ANALYSIS

WHI13000326.1

	Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
2315893	Drill Core	6.52	<0.005	1.54	5.80	4.94	30.9	64	1.6	4.2	340	1.72	0.7	8.8	<0.2	21.0	20.5	0.03	0.07	0.60
2315894	Drill Core	5.86	<0.005	2.10	4.62	68.62	40.6	1151	2.1	3.9	449	1.83	1.8	9.0	<0.2	23.2	23.5	1.03	0.08	1.89
2315895	Drill Core	6.75	<0.005	0.83	4.13	3.87	31.9	21	2.1	4.1	372	1.77	0.9	8.0	<0.2	21.2	23.7	0.04	0.07	0.07
2315896	Drill Core	5.55	<0.005	0.96	7.84	4.07	30.9	30	1.9	4.0	355	1.78	1.0	8.8	<0.2	22.4	24.6	0.05	0.06	0.10
2315897	Drill Core	6.44	0.025	12.64	17.20	5.35	29.0	82	1.8	4.0	346	1.76	0.8	8.6	<0.2	18.3	20.5	0.08	0.08	1.09
2315898	Drill Core	6.17	<0.005	0.79	2.50	3.78	32.1	21	1.7	4.0	374	1.76	0.4	8.5	<0.2	20.0	18.6	0.03	0.07	0.03
2315899	Drill Core	6.80	0.007	33.77	19.08	4.79	28.1	97	1.7	3.9	350	1.66	0.8	8.7	<0.2	22.6	37.8	0.07	0.20	0.36
2315900	Drill Core	6.10	0.007	0.80	4.10	3.63	31.7	24	1.8	4.0	346	1.73	0.5	8.8	<0.2	21.2	31.1	0.02	0.07	0.75
2315901	Drill Core	2.14	<0.005	0.79	2.61	4.08	34.3	47	1.6	3.9	355	1.75	0.5	9.4	2.4	18.2	29.6	0.07	0.10	0.18
2315902	Drill Core	2.53	<0.005	0.89	2.38	4.02	34.3	34	1.8	4.0	351	1.73	0.3	8.4	<0.2	19.4	31.8	0.06	0.06	0.11
2315903	Drill Core	3.82	<0.005	0.95	9.06	7.81	31.9	96	1.7	4.1	292	1.85	0.7	11.5	0.3	20.4	132.1	0.08	0.13	0.31
2315904	Drill Core	5.19	<0.005	1.54	11.41	6.89	38.0	39	1.8	4.0	402	1.82	0.7	11.6	5.5	22.5	81.8	0.03	0.12	0.14
2315905	Drill Core	6.18	0.006	1.49	27.53	6.73	30.3	159	1.9	4.0	352	1.84	0.9	10.4	0.8	21.0	36.6	0.07	0.16	2.97
2315906	Drill Core	5.60	0.024	1.61	23.06	6.41	31.2	126	1.6	3.9	340	1.83	1.0	8.5	10.0	18.8	42.1	0.08	0.11	1.17
2315907	Drill Core	6.43	<0.005	4.71	10.46	6.92	37.0	60	1.7	4.0	366	1.80	0.8	9.6	<0.2	19.0	44.9	0.04	0.10	0.12
2315908	Drill Core	5.49	0.006	14.22	8.33	7.27	34.2	92	2.2	4.0	366	1.64	0.7	8.4	0.4	19.9	49.7	0.03	0.09	0.18
2315909	Drill Core	5.09	0.007	1.14	7.62	7.94	40.7	57	2.0	4.2	417	1.89	0.4	9.6	1.5	21.6	70.4	0.04	0.07	1.07
2315910	Rock Pulp	0.06	0.207	164.3	1851	23.26	59.4	2225	17.8	18.5	373	3.83	25.4	4.4	246.1	9.9	67.0	0.91	3.28	2.30
2315911	Rock	0.84	<0.005	0.35	4.00	7.06	48.1	28	3.8	4.3	589	2.07	<0.1	2.3	0.4	6.4	55.6	0.02	<0.02	0.08
2315912	Drill Core	6.71	0.015	10.83	33.96	7.42	37.1	169	2.0	4.4	383	1.81	0.4	8.6	9.5	19.9	41.6	0.11	0.10	4.54
2315913	Drill Core	6.15	0.007	3.72	10.00	7.33	35.7	59	2.0	4.0	435	1.81	0.8	10.1	0.8	20.8	64.4	0.04	0.10	0.35
2315914	Drill Core	5.98	0.006	1.26	15.43	6.64	40.0	66	2.5	4.1	376	1.80	0.6	9.2	<0.2	20.6	72.4	0.02	0.12	0.33
2315915	Drill Core	5.30	0.006	0.77	7.42	5.67	37.0	29	1.6	4.4	390	1.90	0.9	8.2	<0.2	18.9	92.3	0.02	0.08	0.07
2315916	Drill Core	6.19	0.005	1.67	9.63	4.45	29.5	49	2.1	4.0	370	1.88	0.7	9.1	<0.2	21.4	44.9	0.06	0.07	0.11
2315917	Drill Core	4.62	<0.005	0.67	4.98	8.57	37.5	64	1.9	4.2	387	1.85	1.5	10.2	<0.2	18.9	76.5	0.02	0.07	0.04
2315918	Drill Core	5.71	0.005	1.56	3.56	9.96	41.2	39	1.9	4.3	455	1.82	0.9	7.9	0.5	20.4	106.2	0.03	0.07	0.03
2315919	Drill Core	6.75	<0.005	0.92	1.31	6.60	37.0	16	2.3	4.6	413	1.99	0.4	8.1	0.4	20.0	117.9	0.02	0.05	<0.02
2315920	Drill Core	7.01	<0.005	1.91	7.83	28.67	43.0	414	2.3	4.3	493	2.06	37.1	7.4	<0.2	22.2	55.8	0.75	0.14	0.78
2315921	Drill Core	2.09	<0.005	1.33	25.31	42.78	55.4	1099	2.2	4.3	641	1.97	8.6	8.4	1.3	19.9	85.2	1.14	0.17	1.51
2315922	Drill Core	1.99	<0.005	1.42	29.47	43.34	53.9	1395	2.5	4.3	499	1.98	19.2	7.2	0.3	19.2	75.1	1.77	0.13	1.87

CERTIFICATE OF ANALYSIS

WHI13000326.1

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
2315893	Drill Core	0.39	0.040	27.5	10.4	0.42	316.2	0.154	<20	0.87	0.059	0.43	3.1	2.0	0.42	<0.02	<5	<0.1	<0.02	4.2	3.83
2315894	Drill Core	0.81	0.035	28.1	10.2	0.43	188.2	0.113	<20	0.84	0.040	0.26	1.2	2.6	0.27	<0.02	<5	0.2	<0.02	4.6	2.76
2315895	Drill Core	0.51	0.038	29.3	10.0	0.43	266.2	0.142	<20	0.85	0.059	0.37	0.6	2.3	0.38	<0.02	<5	<0.1	<0.02	4.2	3.45
2315896	Drill Core	0.56	0.039	27.3	10.8	0.42	262.1	0.157	<20	0.88	0.060	0.35	0.6	2.1	0.34	<0.02	<5	<0.1	0.07	4.7	3.27
2315897	Drill Core	0.60	0.040	28.9	10.7	0.42	266.2	0.150	<20	0.87	0.058	0.34	7.6	2.0	0.33	<0.02	<5	<0.1	0.10	4.3	3.12
2315898	Drill Core	0.48	0.037	29.7	10.5	0.42	301.4	0.168	<20	0.86	0.064	0.39	1.2	2.1	0.39	<0.02	<5	<0.1	0.03	4.3	4.11
2315899	Drill Core	0.69	0.039	29.5	9.8	0.39	254.9	0.137	<20	0.77	0.052	0.32	10.7	2.1	0.32	<0.02	<5	<0.1	<0.02	4.0	3.88
2315900	Drill Core	0.37	0.038	28.5	10.8	0.42	306.9	0.158	<20	0.84	0.059	0.42	1.3	1.8	0.40	<0.02	<5	<0.1	0.05	4.0	4.12
2315901	Drill Core	0.35	0.038	26.7	7.2	0.40	330.2	0.158	<20	0.80	0.066	0.47	0.4	2.1	0.43	<0.02	6	<0.1	<0.02	4.0	3.72
2315902	Drill Core	0.36	0.037	25.7	6.6	0.41	316.3	0.152	<20	0.81	0.067	0.45	1.1	2.2	0.42	<0.02	<5	<0.1	<0.02	4.1	3.70
2315903	Drill Core	0.79	0.036	24.3	5.6	0.41	260.5	0.047	<20	1.01	0.037	0.25	0.3	3.1	0.24	<0.02	19	<0.1	<0.02	3.8	4.79
2315904	Drill Core	0.74	0.035	25.7	7.3	0.45	273.5	0.106	<20	0.93	0.051	0.24	0.8	2.5	0.22	<0.02	6	<0.1	<0.02	4.9	2.34
2315905	Drill Core	0.60	0.038	26.6	6.9	0.44	248.8	0.116	<20	0.91	0.055	0.30	22.3	2.5	0.29	<0.02	11	<0.1	<0.02	4.7	2.89
2315906	Drill Core	0.59	0.038	25.4	6.8	0.45	274.9	0.128	<20	0.93	0.053	0.34	8.9	2.5	0.35	<0.02	<5	<0.1	<0.02	4.8	2.83
2315907	Drill Core	0.68	0.038	24.3	7.2	0.47	193.0	0.124	<20	0.94	0.049	0.23	0.8	2.5	0.22	<0.02	<5	<0.1	<0.02	4.7	2.29
2315908	Drill Core	0.76	0.034	25.3	8.5	0.42	192.4	0.090	<20	0.90	0.042	0.21	0.7	2.4	0.17	<0.02	9	<0.1	<0.02	4.3	2.24
2315909	Drill Core	0.81	0.037	26.9	7.1	0.48	153.6	0.063	<20	0.97	0.040	0.17	0.1	2.5	0.15	<0.02	<5	<0.1	<0.02	4.7	2.21
2315910	Rock Pulp	1.81	0.071	17.1	58.6	0.85	38.2	0.032	<20	1.34	0.051	0.49	1.8	6.3	0.28	1.78	98	2.7	0.27	4.3	1.59
2315911	Rock	0.49	0.077	13.4	9.3	0.54	164.9	0.127	<20	0.96	0.080	0.50	<0.1	2.4	0.34	<0.02	<5	<0.1	<0.02	4.8	3.47
2315912	Drill Core	0.66	0.039	27.9	9.8	0.48	236.1	0.144	<20	0.90	0.051	0.27	0.8	2.1	0.25	<0.02	11	<0.1	<0.02	4.8	2.27
2315913	Drill Core	1.04	0.039	30.2	10.6	0.48	163.1	0.105	<20	0.89	0.045	0.17	0.8	2.4	0.15	<0.02	<5	<0.1	0.02	5.0	2.02
2315914	Drill Core	0.84	0.037	25.9	8.5	0.40	191.3	0.084	<20	0.83	0.043	0.19	1.0	2.4	0.18	<0.02	<5	<0.1	<0.02	4.3	2.56
2315915	Drill Core	0.84	0.039	27.1	8.3	0.40	241.8	0.087	<20	0.87	0.041	0.25	0.2	2.7	0.22	<0.02	<5	<0.1	<0.02	4.1	3.52
2315916	Drill Core	0.59	0.038	28.8	10.3	0.44	255.1	0.142	<20	0.87	0.058	0.31	5.5	2.3	0.29	<0.02	<5	<0.1	<0.02	4.6	2.97
2315917	Drill Core	1.13	0.038	26.3	6.3	0.34	169.3	0.042	<20	0.85	0.037	0.20	0.2	2.8	0.20	<0.02	76	<0.1	<0.02	3.7	5.00
2315918	Drill Core	1.18	0.041	26.4	6.4	0.39	189.2	0.042	<20	0.95	0.035	0.19	0.1	2.7	0.17	<0.02	30	<0.1	<0.02	3.8	4.65
2315919	Drill Core	0.95	0.038	28.6	8.1	0.41	317.4	0.086	<20	0.99	0.059	0.29	0.2	3.2	0.26	<0.02	18	<0.1	<0.02	4.1	5.92
2315920	Drill Core	0.66	0.042	27.6	8.9	0.48	273.1	0.142	<20	1.02	0.069	0.33	0.3	2.7	0.29	<0.02	6	<0.1	<0.02	5.0	2.61
2315921	Drill Core	1.88	0.038	27.0	8.1	0.44	88.9	0.036	<20	0.95	0.040	0.14	0.3	2.5	0.12	<0.02	13	<0.1	<0.02	4.8	2.03
2315922	Drill Core	1.48	0.039	26.4	7.4	0.42	98.1	0.033	<20	0.92	0.040	0.14	0.5	2.5	0.11	<0.02	8	<0.1	<0.02	4.8	2.03

CERTIFICATE OF ANALYSIS

WHI13000326.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315893	Drill Core	0.1	0.09	0.24	44.1	1.3	<0.05	1.9	5.83	44.7	<0.02	<1	0.2	12.9	<10
2315894	Drill Core	0.1	0.07	0.20	26.7	1.5	<0.05	1.8	6.98	45.1	<0.02	<1	0.3	12.3	<10
2315895	Drill Core	<0.1	0.06	0.24	38.4	1.2	<0.05	2.0	6.52	46.3	<0.02	2	0.3	18.3	<10
2315896	Drill Core	<0.1	0.06	0.24	35.6	1.1	<0.05	1.7	5.81	44.3	<0.02	<1	<0.1	20.3	<10
2315897	Drill Core	0.1	0.07	0.26	34.8	1.3	<0.05	1.7	5.71	47.4	<0.02	3	0.5	14.9	<10
2315898	Drill Core	0.1	0.08	0.29	40.4	1.4	<0.05	1.8	5.95	49.0	<0.02	<1	0.3	18.7	<10
2315899	Drill Core	0.2	0.07	0.24	34.7	1.3	<0.05	2.0	6.76	50.5	<0.02	5	0.5	15.0	11
2315900	Drill Core	0.1	0.08	0.28	45.8	1.3	<0.05	1.5	5.80	46.5	<0.02	<1	0.3	21.0	<10
2315901	Drill Core	0.1	0.07	0.18	48.5	1.5	<0.05	1.3	5.69	44.7	0.03	1	0.2	25.5	<10
2315902	Drill Core	0.1	0.06	0.23	47.8	1.3	<0.05	1.5	5.94	43.2	<0.02	<1	0.2	23.2	<10
2315903	Drill Core	<0.1	0.06	0.06	23.6	1.0	<0.05	1.8	7.67	40.8	<0.02	1	0.7	8.5	<10
2315904	Drill Core	0.1	0.09	0.22	21.8	1.2	<0.05	1.5	8.63	45.1	<0.02	<1	0.8	15.7	<10
2315905	Drill Core	<0.1	0.05	0.19	28.0	1.5	<0.05	1.4	8.05	46.1	<0.02	<1	0.5	16.2	<10
2315906	Drill Core	0.1	0.06	0.20	32.0	1.4	<0.05	1.2	6.58	43.5	<0.02	<1	0.2	15.5	<10
2315907	Drill Core	<0.1	0.05	0.25	21.2	1.5	<0.05	1.0	7.60	42.7	<0.02	1	0.3	16.5	<10
2315908	Drill Core	<0.1	0.06	0.18	17.6	1.2	<0.05	1.6	6.86	41.6	<0.02	<1	0.4	16.0	<10
2315909	Drill Core	<0.1	0.06	0.12	14.8	1.2	<0.05	1.4	7.81	45.7	<0.02	<1	0.4	19.2	<10
2315910	Rock Pulp	<0.1	0.06	0.03	29.7	1.7	<0.05	2.9	9.84	30.4	0.03	45	0.4	7.2	42
2315911	Rock	0.1	0.09	0.42	46.4	2.8	<0.05	1.2	5.57	23.7	<0.02	<1	0.3	32.9	<10
2315912	Drill Core	0.2	0.08	0.24	25.9	1.5	<0.05	1.6	6.78	45.5	<0.02	<1	0.6	20.6	<10
2315913	Drill Core	<0.1	0.07	0.20	16.0	1.5	<0.05	1.5	7.81	48.9	<0.02	3	0.4	17.3	<10
2315914	Drill Core	0.1	0.05	0.14	18.1	1.2	<0.05	1.2	7.33	43.6	<0.02	<1	0.3	14.2	<10
2315915	Drill Core	<0.1	0.05	0.11	24.2	1.2	<0.05	1.2	7.48	46.0	<0.02	2	0.4	14.3	<10
2315916	Drill Core	<0.1	0.05	0.20	28.7	1.2	<0.05	1.4	6.63	48.1	<0.02	<1	0.2	16.0	<10
2315917	Drill Core	<0.1	0.07	0.06	19.0	0.8	<0.05	1.8	8.88	44.9	<0.02	1	0.7	7.7	<10
2315918	Drill Core	<0.1	0.05	0.05	16.7	0.8	<0.05	1.9	8.49	44.5	<0.02	1	0.6	11.5	<10
2315919	Drill Core	0.1	0.05	0.11	26.9	1.0	<0.05	1.4	7.73	46.9	<0.02	<1	0.4	15.7	<10
2315920	Drill Core	<0.1	0.07	0.19	31.0	1.5	<0.05	1.4	6.81	47.0	<0.02	<1	0.3	18.4	<10
2315921	Drill Core	<0.1	0.06	0.06	11.9	0.7	<0.05	1.5	8.40	45.0	<0.02	<1	0.6	12.9	<10
2315922	Drill Core	<0.1	0.06	0.06	11.8	0.9	<0.05	1.4	7.42	44.0	<0.02	2	0.3	13.3	<10

CERTIFICATE OF ANALYSIS

WHI13000326.1

	Method	Analyte	Unit	MDL	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F			
					Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
					kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
					0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
2315923	Drill Core	5.46	<0.005	1.44	3.48	12.67	42.7	76	1.9	4.5	396	1.97	12.5	7.9	<0.2	18.6	78.3	0.28	0.08	0.08	22			
2315924	Drill Core	6.15	<0.005	0.77	2.52	7.24	39.2	25	2.2	4.3	406	1.96	0.9	7.6	<0.2	21.2	65.5	0.02	0.08	0.02	24			
2315925	Drill Core	5.88	<0.005	0.67	2.39	6.69	34.5	31	2.0	3.8	444	1.87	1.3	8.4	0.4	19.2	55.5	0.03	0.08	0.03	22			
2315926	Drill Core	6.62	<0.005	2.36	4.56	7.82	37.5	67	2.0	4.4	439	1.98	0.8	7.3	<0.2	20.1	27.4	0.13	0.08	0.08	28			
2315927	Drill Core	6.41	<0.005	2.70	11.77	11.45	35.9	171	2.0	3.6	392	1.84	79.9	10.3	<0.2	23.1	21.2	0.06	0.14	0.26	26			
2315928	Drill Core	6.02	<0.005	3.88	5.20	9.01	37.5	28	2.1	4.3	440	2.00	1.5	7.2	<0.2	20.1	25.5	0.03	0.09	0.03	28			
2315929	Drill Core	4.21	<0.005	0.60	2.06	5.58	38.9	20	2.3	4.1	386	1.83	0.7	8.7	<0.2	20.9	21.0	0.02	0.06	<0.02	28			
2315930	Rock Pulp	0.06	1.645	3.50	36.14	6.13	50.6	416	27.9	11.9	461	2.88	8.3	0.3	1656	0.9	40.8	0.14	0.85	0.14	67			
2315931	Rock	1.27	<0.005	<0.01	3.73	160.8	968.0	<2	2.5	3.2	582	2.14	<0.1	103.0	<0.2	<0.1	44.1	65.15	28.07	102.7	<2			
2315932	Drill Core	5.72	<0.005	1.10	4.06	7.00	36.5	23	2.1	3.9	406	1.97	0.7	8.6	1.2	18.0	30.8	0.01	0.09	<0.02	29			
2315933	Drill Core	8.08	<0.005	1.31	5.54	12.33	35.8	45	2.0	4.1	460	1.86	2.2	9.0	2.6	22.4	52.1	0.04	0.10	0.05	16			
2315934	Drill Core	5.76	<0.005	0.78	1.62	6.38	36.0	25	2.0	3.5	369	1.80	1.2	9.6	0.6	22.9	21.9	0.03	0.17	0.09	26			
2315935	Drill Core	6.48	<0.005	0.94	3.70	5.95	39.4	29	2.2	3.7	389	1.88	1.2	9.6	0.5	21.9	29.4	0.02	0.14	0.08	28			
2315936	Drill Core	5.90	<0.005	0.88	3.56	4.77	40.8	18	2.3	4.1	409	2.02	0.6	9.1	<0.2	21.1	40.3	0.02	0.06	<0.02	31			
2315937	Drill Core	6.51	<0.005	0.70	3.92	4.79	40.8	21	2.8	4.1	346	1.98	1.1	8.1	<0.2	20.0	26.6	0.02	0.07	<0.02	29			
2315938	Drill Core	6.12	<0.005	1.17	2.66	5.79	39.9	21	3.0	4.3	345	1.88	0.9	8.6	<0.2	20.1	32.5	0.02	0.11	<0.02	29			
2315939	Drill Core	6.36	<0.005	0.87	2.58	4.96	39.0	12	2.2	4.2	328	1.91	1.3	7.4	<0.2	20.2	19.1	0.01	0.20	0.16	29			
2315940	Drill Core	6.22	<0.005	0.82	3.94	5.00	38.0	21	2.4	4.0	317	1.75	1.4	9.4	<0.2	22.7	18.8	0.02	0.18	0.05	27			
2315941	Drill Core	3.08	<0.005	0.93	4.29	4.48	38.4	18	2.4	4.5	326	1.89	0.9	8.3	0.3	21.4	20.2	0.01	0.23	0.06	30			
2315942	Drill Core	3.10	<0.005	0.93	3.64	4.58	38.2	15	2.5	4.4	315	1.85	1.4	9.1	<0.2	21.8	19.1	0.02	0.24	0.09	29			
2315943	Drill Core	6.74	<0.005	0.84	3.75	4.04	37.3	15	2.8	4.0	310	1.78	1.0	7.9	<0.2	20.5	19.0	0.02	0.07	<0.02	29			
2315944	Drill Core	6.36	0.006	1.72	7.87	4.31	36.3	20	2.4	4.1	321	1.80	1.0	8.4	<0.2	22.2	20.2	0.03	0.13	0.04	29			
2315945	Drill Core	6.17	0.005	2.35	5.30	4.29	34.3	20	2.2	3.8	315	1.81	1.0	8.3	0.6	21.2	20.4	0.03	0.16	0.04	29			
2315946	Drill Core	6.43	<0.005	39.07	5.46	4.29	32.0	21	2.1	3.7	353	1.66	1.5	9.8	2.2	20.7	29.3	0.03	0.19	0.40	25			
2315947	Drill Core	5.96	<0.005	2.00	3.66	4.69	32.4	19	2.1	3.9	363	1.71	1.7	9.5	0.9	22.1	19.5	<0.01	0.20	0.14	25			
2315948	Drill Core	6.76	<0.005	1.15	5.77	5.00	35.4	25	2.0	3.9	357	1.72	2.0	10.3	0.6	23.1	26.1	<0.01	0.22	0.10	25			
2315949	Drill Core	4.77	<0.005	0.79	6.76	4.38	35.2	45	2.1	3.9	336	1.69	1.2	9.4	0.9	20.7	19.6	<0.01	0.15	0.06	25			
2315950	Rock Pulp	0.07	4.508	11.16	38.37	9.24	71.7	608	32.0	5.1	302	1.65	386.0	1.8	43.9	1.7	33.2	0.63	31.86	0.16	39			
2315951	Rock	4.72	<0.005	0.11	6.55	3.10	44.3	22	3.6	5.0	590	2.06	0.4	1.5	0.3	5.0	41.9	0.01	<0.02	<0.02	38			
2315952	Drill Core	4.51	<0.005	0.77	6.63	4.36	36.0	25	2.4	3.9	302	1.69	1.5	9.2	<0.2	20.7	25.5	0.02	0.17	0.04	26			

CERTIFICATE OF ANALYSIS

WHI13000326.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
	MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02
2315923	Drill Core	1.01	0.038	28.7	7.3	0.44	153.5	0.057	<20	1.07	0.038	0.15	0.2	2.8	0.11	<0.02	<5	<0.1	<0.02
2315924	Drill Core	0.92	0.038	28.6	7.9	0.41	219.7	0.068	<20	0.97	0.057	0.24	0.1	3.4	0.19	<0.02	<5	<0.1	<0.02
2315925	Drill Core	1.17	0.036	28.3	7.9	0.42	156.0	0.061	<20	0.83	0.047	0.21	0.2	2.8	0.17	<0.02	7	<0.1	<0.02
2315926	Drill Core	0.68	0.039	26.2	9.8	0.44	181.4	0.130	<20	0.91	0.072	0.26	0.2	2.5	0.20	<0.02	<5	<0.1	<0.02
2315927	Drill Core	0.62	0.037	25.6	8.9	0.43	149.7	0.133	<20	0.84	0.065	0.22	0.2	2.3	0.17	<0.02	<5	<0.1	<0.02
2315928	Drill Core	0.95	0.040	26.2	8.3	0.48	104.8	0.134	<20	1.00	0.065	0.16	0.7	2.5	0.12	<0.02	<5	<0.1	<0.02
2315929	Drill Core	0.57	0.041	27.1	7.6	0.43	217.0	0.167	<20	0.89	0.067	0.29	0.4	2.1	0.25	<0.02	<5	<0.1	<0.02
2315930	Rock Pulp	0.85	0.068	4.2	31.8	0.88	110.9	0.121	<20	1.77	0.098	0.16	13.9	5.1	0.05	0.04	98	0.2	<0.02
2315931	Rock	0.52	<0.001	412.1	459.1	0.54	<0.5	0.646	>2000	0.43	0.094	0.51	<0.1	<0.1	80.67	<0.02	<5	>100	462.1
2315932	Drill Core	0.68	0.043	27.5	8.4	0.47	180.5	0.155	<20	0.95	0.075	0.24	1.2	2.2	0.18	<0.02	<5	<0.1	<0.02
2315933	Drill Core	1.80	0.036	24.0	5.9	0.35	78.0	0.020	<20	0.80	0.036	0.19	0.8	2.7	0.11	0.02	<5	<0.1	<0.02
2315934	Drill Core	0.46	0.034	26.4	7.4	0.41	246.6	0.134	<20	0.81	0.077	0.39	1.1	2.2	0.36	<0.02	<5	<0.1	<0.02
2315935	Drill Core	0.43	0.037	25.6	8.8	0.44	306.1	0.157	<20	0.86	0.083	0.45	4.5	2.1	0.41	<0.02	<5	<0.1	<0.02
2315936	Drill Core	0.50	0.042	28.0	9.3	0.46	360.6	0.160	<20	0.94	0.086	0.51	0.6	2.2	0.51	<0.02	7	<0.1	<0.02
2315937	Drill Core	0.46	0.035	25.7	9.7	0.36	302.7	0.155	<20	0.87	0.083	0.48	0.6	2.5	0.44	<0.02	<5	<0.1	<0.02
2315938	Drill Core	0.62	0.034	27.3	9.0	0.35	293.6	0.163	<20	0.87	0.076	0.42	1.6	2.3	0.39	<0.02	<5	<0.1	<0.02
2315939	Drill Core	0.41	0.037	27.9	9.7	0.35	323.2	0.178	<20	0.88	0.091	0.50	1.0	2.0	0.46	<0.02	<5	<0.1	<0.02
2315940	Drill Core	0.32	0.033	26.3	8.8	0.31	287.0	0.160	<20	0.79	0.087	0.48	1.0	2.0	0.47	<0.02	<5	<0.1	<0.02
2315941	Drill Core	0.34	0.036	29.2	8.9	0.35	343.9	0.178	<20	0.89	0.106	0.55	1.0	2.2	0.53	<0.02	<5	<0.1	<0.02
2315942	Drill Core	0.35	0.036	29.8	8.5	0.33	338.9	0.177	<20	0.87	0.105	0.54	0.9	2.2	0.51	<0.02	<5	<0.1	<0.02
2315943	Drill Core	0.32	0.035	28.2	8.8	0.32	330.7	0.181	<20	0.84	0.103	0.54	6.4	1.8	0.50	<0.02	<5	<0.1	<0.02
2315944	Drill Core	0.33	0.035	28.2	8.6	0.32	316.0	0.176	<20	0.87	0.109	0.55	9.3	2.1	0.49	<0.02	<5	<0.1	<0.02
2315945	Drill Core	0.32	0.035	27.6	9.1	0.33	333.2	0.175	<20	0.86	0.099	0.54	12.6	2.0	0.52	<0.02	<5	<0.1	<0.02
2315946	Drill Core	0.29	0.032	24.2	8.6	0.38	320.7	0.149	<20	0.74	0.067	0.47	7.0	1.6	0.49	<0.02	<5	<0.1	<0.02
2315947	Drill Core	0.31	0.035	24.9	8.9	0.35	317.3	0.154	<20	0.77	0.080	0.47	3.3	1.8	0.49	<0.02	<5	<0.1	<0.02
2315948	Drill Core	0.38	0.032	24.4	8.8	0.40	305.7	0.141	<20	0.81	0.072	0.46	2.6	1.8	0.44	<0.02	<5	<0.1	<0.02
2315949	Drill Core	0.34	0.032	24.7	8.0	0.37	289.5	0.143	<20	0.75	0.063	0.45	8.1	1.9	0.43	<0.02	<5	<0.1	<0.02
2315950	Rock Pulp	9.21	0.044	4.1	23.5	4.38	109.2	0.001	<20	0.25	0.006	0.09	25.1	3.3	0.85	1.22	4378	1.4	0.19
2315951	Rock	0.48	0.071	11.1	8.7	0.42	146.8	0.132	<20	0.92	0.078	0.50	0.1	2.1	0.32	<0.02	<5	<0.1	<0.02
2315952	Drill Core	0.29	0.033	25.6	8.7	0.32	307.0	0.165	<20	0.80	0.077	0.48	6.1	1.9	0.44	<0.02	<5	<0.1	<0.02

CERTIFICATE OF ANALYSIS

WHI13000326.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
2315923	Drill Core	<0.1	0.04	0.08	12.5	1.0	<0.05	1.6	7.24	47.6	<0.02	<1	0.6	15.4	<10
2315924	Drill Core	<0.1	0.06	0.09	19.7	0.9	<0.05	1.7	7.77	47.0	<0.02	1	0.4	13.1	<10
2315925	Drill Core	<0.1	0.06	0.11	17.5	0.9	<0.05	1.4	8.58	47.2	<0.02	1	0.4	15.6	<10
2315926	Drill Core	0.1	0.07	0.18	21.8	1.3	<0.05	1.7	6.23	42.5	<0.02	1	0.4	19.0	<10
2315927	Drill Core	<0.1	0.08	0.23	18.5	1.2	<0.05	2.1	6.26	42.7	<0.02	<1	0.3	20.1	<10
2315928	Drill Core	<0.1	0.08	0.21	13.3	1.3	<0.05	1.6	6.48	43.8	<0.02	1	0.3	22.9	<10
2315929	Drill Core	0.1	0.10	0.24	27.7	1.2	<0.05	1.6	5.90	45.4	<0.02	1	0.3	24.0	<10
2315930	Rock Pulp	<0.1	0.17	0.04	5.5	0.4	<0.05	4.6	6.84	9.0	0.02	<1	0.3	12.7	<10
2315931	Rock	>100	<0.02	37.76	16.1	>100	<0.05	<0.1	17.70	465.9	2.00	352	<0.1	160.5	<10
2315932	Drill Core	<0.1	0.05	0.21	21.3	1.4	<0.05	1.4	6.67	46.5	<0.02	2	0.4	22.8	<10
2315933	Drill Core	<0.1	0.04	0.05	15.4	0.4	<0.05	1.4	8.82	39.0	<0.02	1	0.3	21.0	<10
2315934	Drill Core	0.2	0.08	0.22	37.1	1.4	<0.05	1.9	6.36	42.9	<0.02	1	0.3	23.6	<10
2315935	Drill Core	<0.1	0.08	0.22	42.4	1.5	<0.05	1.7	6.02	43.1	<0.02	<1	0.3	29.0	<10
2315936	Drill Core	0.1	0.06	0.19	53.3	1.6	<0.05	1.6	6.69	46.8	<0.02	<1	0.5	30.0	<10
2315937	Drill Core	0.2	0.09	0.34	46.7	1.6	<0.05	1.4	6.84	39.1	<0.02	<1	0.3	29.5	<10
2315938	Drill Core	0.1	0.06	0.35	37.9	1.3	<0.05	1.6	6.19	40.6	<0.02	<1	0.3	26.6	<10
2315939	Drill Core	<0.1	0.07	0.37	46.5	1.5	<0.05	1.8	5.61	40.8	<0.02	<1	0.2	27.3	<10
2315940	Drill Core	<0.1	0.09	0.36	46.2	1.6	<0.05	2.1	6.58	39.4	<0.02	<1	<0.1	26.9	<10
2315941	Drill Core	0.1	0.08	0.31	52.2	1.4	<0.05	2.1	6.11	43.5	<0.02	<1	0.4	32.4	<10
2315942	Drill Core	<0.1	0.10	0.30	49.8	1.5	<0.05	2.1	5.81	44.5	<0.02	<1	<0.1	30.6	<10
2315943	Drill Core	<0.1	0.08	0.32	53.7	1.5	<0.05	2.2	5.58	40.7	<0.02	<1	<0.1	29.4	<10
2315944	Drill Core	0.1	0.09	0.29	53.0	1.5	<0.05	2.1	5.79	41.6	<0.02	<1	0.2	23.9	<10
2315945	Drill Core	0.1	0.07	0.34	53.8	1.6	<0.05	2.1	6.33	41.8	<0.02	<1	0.1	25.2	<10
2315946	Drill Core	0.1	0.11	0.24	48.0	1.6	<0.05	1.9	5.94	40.6	0.03	<1	0.3	24.3	<10
2315947	Drill Core	0.2	0.10	0.22	47.4	1.7	<0.05	2.0	6.44	42.9	<0.02	<1	0.4	24.5	<10
2315948	Drill Core	0.1	0.09	0.20	47.5	1.8	<0.05	2.0	6.44	42.2	<0.02	<1	0.3	26.1	<10
2315949	Drill Core	0.2	0.07	0.20	44.5	1.6	<0.05	1.7	5.90	40.7	<0.02	<1	0.2	24.8	<10
2315950	Rock Pulp	<0.1	0.02	<0.02	3.9	0.9	<0.05	1.0	8.27	7.0	0.04	7	0.2	3.2	<10
2315951	Rock	<0.1	0.09	0.56	44.0	1.0	<0.05	1.2	4.89	18.1	<0.02	<1	0.2	31.4	<10
2315952	Drill Core	0.1	0.06	0.39	46.9	1.3	<0.05	1.7	5.64	37.9	<0.02	<1	<0.1	27.0	<10

QUALITY CONTROL REPORT

WHI13000326.1

Method	WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
Pulp Duplicates																				
2315838 Drill Core	6.00	<0.005	0.88	4.08	5.76	40.0	26	1.7	3.4	416	1.84	0.6	9.7	0.3	21.2	24.6	<0.01	0.10	0.04	22
REP 2315838 QC			1.09	3.61	5.11	39.3	20	1.7	3.2	374	1.83	0.5	8.8	<0.2	19.0	23.4	<0.01	0.09	0.03	22
2315873 Drill Core	6.70	<0.005	2.20	10.61	9.10	38.5	176	1.5	4.3	413	1.83	1.6	7.2	<0.2	19.0	27.1	0.33	0.11	0.24	27
REP 2315873 QC			2.16	10.68	9.07	38.4	182	1.5	4.4	420	1.82	1.3	7.0	<0.2	19.4	25.7	0.36	0.11	0.23	27
2315881 Drill Core	2.61	0.008	2.54	30.38	9.81	33.7	325	1.8	4.3	391	1.87	1.0	8.6	1.0	20.5	112.8	0.34	0.14	2.51	21
REP 2315881 QC		0.011																		
2315909 Drill Core	5.09	0.007	1.14	7.62	7.94	40.7	57	2.0	4.2	417	1.89	0.4	9.6	1.5	21.6	70.4	0.04	0.07	1.07	24
REP 2315909 QC			1.28	7.42	8.21	41.2	59	1.7	4.2	417	1.91	0.6	9.7	<0.2	21.0	72.4	0.03	0.08	1.27	24
2315931 Rock	1.27	<0.005	<0.01	3.73	160.8	968.0	<2	2.5	3.2	582	2.14	<0.1	103.0	<0.2	<0.1	44.1	65.15	28.07	102.7	<2
REP 2315931 QC		<0.005																		
2315949 Drill Core	4.77	<0.005	0.79	6.76	4.38	35.2	45	2.1	3.9	336	1.69	1.2	9.4	0.9	20.7	19.6	<0.01	0.15	0.06	25
REP 2315949 QC			0.88	6.82	4.58	33.7	37	2.2	3.6	350	1.73	1.3	9.1	1.0	21.1	21.6	<0.01	0.15	0.06	25
REP 2315890 QC		1.802																		
Core Reject Duplicates																				
2315834 Drill Core	3.34	<0.005	0.54	3.89	4.34	35.3	26	1.6	3.3	352	1.72	0.7	7.1	<0.2	19.0	14.5	0.02	0.07	0.02	23
DUP 2315834 QC		<0.005	0.53	3.85	4.31	39.9	31	1.7	3.5	351	1.77	0.4	6.5	0.6	19.7	13.7	0.01	0.06	0.06	24
2315872 Drill Core	6.51	0.019	10.59	8.60	5.02	36.5	66	1.6	4.1	398	1.83	0.8	8.1	7.4	19.1	29.4	0.04	0.05	1.23	28
DUP 2315872 QC		0.016	11.59	8.43	4.96	34.3	59	1.6	4.0	381	1.79	0.5	7.6	1.0	19.5	27.5	0.06	0.05	0.93	27
2315948 Drill Core	6.76	<0.005	1.15	5.77	5.00	35.4	25	2.0	3.9	357	1.72	2.0	10.3	0.6	23.1	26.1	<0.01	0.22	0.10	25
DUP 2315948 QC		<0.005	1.31	4.32	4.82	33.2	23	1.9	3.7	371	1.69	1.9	11.0	0.5	21.6	25.3	<0.01	0.21	0.11	25
Reference Materials																				
STD DS9 Standard			14.02	112.7	127.2	318.3	2033	42.0	7.6	587	2.41	25.7	2.4	127.6	6.1	56.5	2.44	4.50	5.13	41
STD DS9 Standard			11.84	110.7	125.8	321.4	1928	41.1	7.6	602	2.37	25.7	2.7	109.1	5.8	67.5	2.40	3.89	6.24	40
STD DS9 Standard			12.78	112.7	142.5	340.8	1921	41.1	8.1	624	2.45	27.6	2.9	138.8	6.4	67.9	2.44	4.06	6.49	41
STD DS9 Standard			10.47	102.5	117.4	284.7	1706	40.0	6.9	513	2.26	24.0	2.3	99.1	5.5	59.0	2.19	3.54	6.00	38
STD DS9 Standard			11.47	106.5	119.8	289.3	1612	36.7	7.3	552	2.21	24.6	2.4	94.5	5.7	56.7	2.49	4.08	5.93	35
STD OREAS45EA Standard			1.33	694.1	12.37	25.6	210	382.1	50.7	350	24.12	8.4	1.3	43.8	8.4	2.6	0.01	0.18	0.15	307
STD OREAS45EA Standard			1.22	717.7	15.15	29.3	288	394.0	52.8	393	22.15	7.7	1.8	58.0	10.8	3.5	0.03	0.14	0.26	339

QUALITY CONTROL REPORT

WHI13000326.1

Method Analyte Unit MDL		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																					
2315838	Drill Core	0.52	0.035	28.3	6.1	0.34	332.5	0.123	<20	0.78	0.068	0.36	0.5	2.7	0.31	<0.02	<5	<0.1	<0.02	4.1	2.82
REP 2315838	QC	0.49	0.032	27.3	5.7	0.33	325.7	0.117	<20	0.78	0.067	0.36	0.5	2.3	0.30	<0.02	<5	<0.1	<0.02	3.9	2.74
2315873	Drill Core	0.62	0.038	27.9	5.8	0.45	301.2	0.142	<20	0.93	0.072	0.37	1.1	2.7	0.37	<0.02	<5	<0.1	<0.02	4.7	3.34
REP 2315873	QC	0.61	0.038	28.4	6.0	0.46	293.3	0.136	<20	0.91	0.071	0.36	1.0	2.7	0.34	<0.02	<5	<0.1	0.03	4.9	3.40
2315881	Drill Core	1.31	0.035	28.0	4.1	0.45	216.6	0.050	<20	0.80	0.037	0.28	2.5	3.7	0.29	<0.02	<5	<0.1	0.11	3.5	5.74
REP 2315881	QC																				
2315909	Drill Core	0.81	0.037	26.9	7.1	0.48	153.6	0.063	<20	0.97	0.040	0.17	0.1	2.5	0.15	<0.02	<5	<0.1	<0.02	4.7	2.21
REP 2315909	QC	0.82	0.038	26.2	7.1	0.49	147.4	0.065	<20	0.99	0.042	0.17	0.2	2.8	0.14	<0.02	6	<0.1	<0.02	5.0	2.07
2315931	Rock	0.52	<0.001	412.1	459.1	0.54	<0.5	0.646	>2000	0.43	0.094	0.51	<0.1	<0.1	80.67	<0.02	<5	>100	462.1	214.6	9.21
REP 2315931	QC																				
2315949	Drill Core	0.34	0.032	24.7	8.0	0.37	289.5	0.143	<20	0.75	0.063	0.45	8.1	1.9	0.43	<0.02	<5	<0.1	<0.02	3.9	3.96
REP 2315949	QC	0.36	0.035	25.3	8.1	0.36	292.5	0.144	<20	0.76	0.063	0.46	8.3	1.7	0.44	<0.02	<5	0.1	<0.02	3.8	4.10
REP 2315890	QC																				
Core Reject Duplicates																					
2315834	Drill Core	0.34	0.036	24.3	6.0	0.35	310.5	0.132	<20	0.77	0.063	0.38	0.2	2.1	0.32	<0.02	<5	<0.1	<0.02	3.5	2.95
DUP 2315834	QC	0.33	0.038	24.3	6.5	0.34	310.9	0.137	<20	0.79	0.061	0.40	0.2	2.1	0.35	<0.02	<5	<0.1	<0.02	3.9	2.99
2315872	Drill Core	0.55	0.037	29.2	5.7	0.44	341.6	0.149	<20	0.92	0.083	0.43	4.9	2.6	0.43	<0.02	<5	<0.1	0.14	4.7	3.85
DUP 2315872	QC	0.54	0.039	28.4	5.4	0.42	324.0	0.146	<20	0.92	0.081	0.42	4.1	2.6	0.39	<0.02	<5	<0.1	0.07	4.8	3.71
2315948	Drill Core	0.38	0.032	24.4	8.8	0.40	305.7	0.141	<20	0.81	0.072	0.46	2.6	1.8	0.44	<0.02	<5	<0.1	<0.02	3.7	4.44
DUP 2315948	QC	0.35	0.035	24.6	8.8	0.36	289.9	0.144	<20	0.79	0.069	0.45	5.2	1.8	0.45	<0.02	<5	<0.1	<0.02	3.6	4.35
Reference Materials																					
STD DS9	Standard	0.73	0.085	11.7	121.3	0.63	309.6	0.113	<20	0.95	0.082	0.41	4.2	2.5	5.25	0.17	200	5.3	5.01	4.6	2.32
STD DS9	Standard	0.70	0.088	12.1	116.5	0.63	327.6	0.110	<20	0.94	0.082	0.40	2.9	2.5	5.32	0.17	207	5.1	4.95	4.7	2.31
STD DS9	Standard	0.74	0.090	12.9	121.0	0.65	336.0	0.110	<20	0.98	0.080	0.41	3.4	2.6	5.71	0.17	222	5.7	5.09	5.0	2.39
STD DS9	Standard	0.66	0.079	10.2	101.3	0.59	282.0	0.093	<20	0.89	0.074	0.38	3.1	2.5	4.68	0.16	195	4.8	4.76	4.1	2.16
STD DS9	Standard	0.67	0.074	10.0	108.3	0.59	301.7	0.093	<20	0.86	0.072	0.38	2.6	2.1	5.02	0.16	184	5.3	4.69	4.1	2.34
STD OREAS45EA	Standard	0.03	0.025	6.2	877.2	0.07	133.3	0.088	<20	3.09	0.015	0.05	<0.1	65.0	<0.02	0.04	8	0.5	0.04	10.5	0.53
STD OREAS45EA	Standard	0.04	0.029	6.4	831.0	0.10	144.3	0.090	<20	3.13	0.017	0.05	<0.1	77.4	<0.02	0.04	12	0.5	<0.02	11.9	0.57

Acme Analytical Laboratories (Vancouver) Ltd.

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QUALITY CONTROL REPORT

WHI13000326.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates																
2315838	Drill Core	<0.1	0.16	0.21	34.5	1.6	<0.05	3.1	7.28	47.6	<0.02	<1	0.4	23.1	<10	<2
REP 2315838	QC	<0.1	0.14	0.20	32.9	1.5	<0.05	2.9	7.04	44.5	<0.02	<1	0.4	24.5	<10	<2
2315873	Drill Core	0.1	0.06	0.23	35.2	1.4	<0.05	1.7	6.83	46.6	<0.02	<1	0.4	13.8	<10	<2
REP 2315873	QC	<0.1	0.08	0.21	32.6	1.4	<0.05	1.9	6.63	45.5	<0.02	<1	0.5	14.2	<10	<2
2315881	Drill Core	<0.1	0.13	0.09	29.4	1.1	<0.05	3.7	10.81	47.3	0.02	<1	0.8	5.6	<10	4
REP 2315881	QC															
2315909	Drill Core	<0.1	0.06	0.12	14.8	1.2	<0.05	1.4	7.81	45.7	<0.02	<1	0.4	19.2	<10	4
REP 2315909	QC	<0.1	0.07	0.11	15.3	1.2	<0.05	1.4	8.12	45.1	<0.02	<1	0.4	19.7	<10	<2
2315931	Rock	>100	<0.02	37.76	16.1	>100	<0.05	<0.1	17.70	465.9	2.00	352	<0.1	160.5	<10	<2
REP 2315931	QC															
2315949	Drill Core	0.2	0.07	0.20	44.5	1.6	<0.05	1.7	5.90	40.7	<0.02	<1	0.2	24.8	<10	<2
REP 2315949	QC	<0.1	0.09	0.18	45.5	1.6	<0.05	1.7	5.90	43.2	<0.02	<1	0.2	25.5	<10	3
REP 2315890	QC															
Core Reject Duplicates																
2315834	Drill Core	<0.1	0.09	0.28	35.5	1.4	<0.05	1.8	6.14	42.0	<0.02	<1	0.1	26.0	<10	<2
DUP 2315834	QC	0.1	0.07	0.28	32.8	1.4	<0.05	1.6	6.18	43.6	<0.02	<1	0.2	26.3	<10	<2
2315872	Drill Core	0.1	0.07	0.19	44.8	1.4	<0.05	1.5	7.27	48.5	<0.02	<1	0.3	19.0	<10	<2
DUP 2315872	QC	<0.1	0.08	0.18	40.4	1.3	<0.05	1.6	7.09	47.9	<0.02	<1	0.2	17.9	<10	<2
2315948	Drill Core	0.1	0.09	0.20	47.5	1.8	<0.05	2.0	6.44	42.2	<0.02	<1	0.3	26.1	<10	2
DUP 2315948	QC	0.1	0.07	0.21	45.6	1.6	<0.05	1.9	6.17	40.2	<0.02	<1	0.2	25.7	<10	<2
Reference Materials																
STD DS9	Standard	0.1	0.06	1.03	33.3	7.0	<0.05	1.5	5.23	20.1	2.30	68	5.5	29.9	136	367
STD DS9	Standard	0.1	0.06	0.87	34.5	6.4	<0.05	1.5	5.29	21.4	2.16	82	5.4	27.5	107	361
STD DS9	Standard	<0.1	0.07	0.91	35.4	6.8	<0.05	1.7	5.72	24.2	2.32	62	6.3	26.6	127	384
STD DS9	Standard	<0.1	0.06	0.81	31.2	6.5	<0.05	1.6	4.81	18.9	2.07	69	5.5	24.9	105	321
STD DS9	Standard	0.1	0.07	0.76	32.5	6.0	<0.05	1.8	4.82	19.4	1.91	64	4.6	22.0	100	337
STD OREAS45EA	Standard	0.2	0.48	0.05	6.1	0.7	<0.05	16.4	5.09	13.9	0.06	<1	0.4	2.2	66	87
STD OREAS45EA	Standard	0.3	0.70	0.06	6.9	0.8	<0.05	21.4	4.96	16.3	0.10	<1	0.6	2.4	59	109

QUALITY CONTROL REPORT

WHI13000326.1

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
STD OREAS45EA	Standard			1.50	757.2	15.88	34.8	310	425.2	55.0	428	25.63	10.4	1.9	56.7	11.1	3.7	0.03	0.13	0.26
STD OREAS45EA	Standard			1.30	721.7	14.01	28.2	246	394.9	54.5	362	24.50	9.5	1.6	59.4	9.5	3.4	0.02	0.15	0.27
STD OREAS45EA	Standard			1.26	606.1	13.83	27.1	246	336.0	50.7	382	22.25	6.7	1.6	51.6	9.8	3.3	0.03	0.16	0.22
STD OXC109	Standard		0.199																	
STD OXC109	Standard		0.211																	
STD OXC109	Standard		0.210																	
STD OXC109	Standard		0.211																	
STD OXI96	Standard		1.705																	
STD OXI96	Standard		1.770																	
STD OXI96	Standard		1.916																	
STD OXI96	Standard		1.773																	
STD OXL93	Standard		5.772																	
STD OXL93	Standard		5.806																	
STD OXL93	Standard		6.019																	
STD OXL93	Standard		5.881																	
STD OXC109 Expected			0.201																	
STD OXI96 Expected			1.802																	
STD OXL93 Expected			5.841																	
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32
STD OREAS45EA Expected				1.78	709	14.3	30.6	311	357	52	400	22.65	11.4	1.73	53	10.7	4.05	0.03	0.64	0.26
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.01	0.03	<0.01	<0.1	2	<0.1	<0.1	<1	<0.01	0.5	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	

QUALITY CONTROL REPORT

WHI13000326.1

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
STD OREAS45EA	Standard	0.04	0.031	7.1	903.0	0.11	152.0	0.098	<20	3.56	0.016	0.06	<0.1	87.3	<0.02	0.04	<5	0.8	0.05	14.2	0.70
STD OREAS45EA	Standard	0.03	0.027	6.1	838.5	0.08	138.6	0.091	<20	3.37	0.018	0.06	<0.1	73.4	<0.02	0.04	14	0.6	0.08	12.7	0.59
STD OREAS45EA	Standard	0.03	0.025	6.5	841.6	0.08	144.7	0.078	<20	2.85	0.023	0.05	<0.1	71.4	<0.02	0.04	8	0.4	0.05	10.8	0.64
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS9 Expected		0.7201	0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37
STD OREAS45EA Expected		0.032	0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		78	0.072	0.044	340	2.09	0.11	11.7	0.77
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

QUALITY CONTROL REPORT

WHI13000326.1

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
STD OREAS45EA	Standard	0.2	0.69	0.07	7.7	0.9	<0.05	21.3	5.36	18.6	0.10	<1	0.5	2.7	89	122
STD OREAS45EA	Standard	0.2	0.60	0.05	6.4	0.9	<0.05	19.7	5.01	16.3	0.08	<1	0.3	2.4	81	103
STD OREAS45EA	Standard	0.3	0.64	0.06	7.1	0.7	<0.05	21.0	4.90	16.3	0.08	<1	0.4	2.1	79	105
STD OXC109	Standard															
STD OXC109	Standard															
STD OXC109	Standard															
STD OXC109	Standard															
STD OXI96	Standard															
STD OXI96	Standard															
STD OXI96	Standard															
STD OXI96	Standard															
STD OXL93	Standard															
STD OXL93	Standard															
STD OXL93	Standard															
STD OXL93	Standard															
STD OXC109 Expected																
STD OXI96 Expected																
STD OXL93 Expected																
STD DS9 Expected		0.1	0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350
STD OREAS45EA Expected		0.26	0.82	0.43	7.93	0.97		26.6	5.74	17.7	0.1		0.47	7.63	66	108
BLK	Blank															
BLK	Blank															
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															

QUALITY CONTROL REPORT

WHI13000326.1

		WGHT	G6	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
BLK	Blank			<0.01	0.06	<0.01	<0.1	4	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	0.06
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank			<0.01	0.05	0.02	<0.1	3	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
BLK	Blank			<0.01	0.01	<0.01	<0.1	4	0.3	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
Prep Wash																				
G1-WHI	Prep Blank		<0.005	0.21	3.96	3.16	44.0	9	3.3	3.5	541	1.99	0.4	2.4	0.8	5.7	49.7	0.04	0.03	0.07
G1-WHI	Prep Blank		<0.005	0.17	3.40	3.28	46.7	7	2.9	4.1	560	2.04	0.4	1.6	0.3	5.0	44.7	0.01	<0.02	0.06

QUALITY CONTROL REPORT

WHI13000326.1

		1F Ca %	1F P %	1F La ppm	1F Cr ppm	1F Mg %	1F Ba ppm	1F Ti %	1F B ppm	1F Al %	1F Na %	1F K %	1F W ppm	1F Sc ppm	1F Ti ppm	1F S %	1F Hg ppb	1F Se ppm	1F Te ppm	1F Ga ppm	1F Cs ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	0.03	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
Prep Wash																					
G1-WHI	Prep Blank	0.54	0.076	10.1	5.6	0.56	156.9	0.112	<20	0.91	0.078	0.47	<0.1	2.1	0.31	<0.02	<5	<0.1	<0.02	4.9	3.87
G1-WHI	Prep Blank	0.47	0.072	10.6	5.3	0.50	153.2	0.112	<20	0.95	0.081	0.49	<0.1	2.3	0.30	<0.02	<5	<0.1	<0.02	4.4	3.36

QUALITY CONTROL REPORT

WHI13000326.1

		1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	2	<0.1	<0.1	<10	<2
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.2	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.2	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
Prep Wash																
G1-WHI	Prep Blank	<0.1	0.09	0.33	42.0	0.7	<0.05	1.2	4.76	19.4	0.05	<1	0.3	32.8	<10	<2
G1-WHI	Prep Blank	<0.1	0.07	0.32	39.2	0.6	<0.05	1.3	4.75	19.9	<0.02	<1	0.3	35.0	<10	3

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Whitehorse
Received: April 04, 2014
Report Date: April 15, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI13000325R.1

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_014
P.O. Number
Number of Samples: 22

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G601	22	Lead Collection Fire - Assay Fusion - AAS Finish	30	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. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800
Report Date: April 15, 2014

Page: 2 of 2

Part: 1 of 1

CERTIFICATE OF ANALYSIS

WHI13000325R.1

Method	FA430
Analyte	Au
Unit	ppm
MDL	0.005
2315811	Rock
2315812	Drill Core
2315813	Drill Core
2315814	Drill Core
2315815	Drill Core
2315816	Drill Core
2315817	Drill Core
2315818	Drill Core
2315819	Drill Core
2315820	Drill Core
2315821	Drill Core
2315822	Drill Core
2315823	Drill Core
2315824	Drill Core
2315825	Drill Core
2315826	Drill Core
2315827	Drill Core
2315828	Drill Core
2315829	Drill Core
2315830	Rock Pulp
2315831	Rock
2315832	Drill Core

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800
Report Date: April 15, 2014

Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT

WHI13000325R.1

Method		FA430
Analyte		Au
Unit		ppm
MDL		0.005
Pulp Duplicates		
2315818	Drill Core	<0.005
REP 2315818	QC	<0.005
REP 2315830	QC	1.772
Reference Materials		
STD OXC109	Standard	0.196
STD OXC109	Standard	0.215
STD OXI96	Standard	1.719
STD OXI96	Standard	1.846
STD OXL93	Standard	5.761
STD OXL93	Standard	5.726
STD OXC109 Expected		0.201
STD OXI96 Expected		1.802
STD OXL93 Expected		5.841
BLK	Blank	<0.005
BLK	Blank	<0.005
BLK	Blank	<0.005
BLK	Blank	<0.005

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Whitehorse
Received: April 04, 2014
Report Date: April 15, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS

WHI13000326R.1

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_WLF_2013_015
P.O. Number
Number of Samples: 38

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G601	38	Lead Collection Fire - Assay Fusion - AAS Finish	30	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. Results apply to samples as submitted.
*** 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: **Teck Resources Limited**

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Vancouver BC V6C 0B3 CANADA

Project: 210800

Report Date: April 15, 2014

Page: 2 of 3

Part: 1 of 1

CERTIFICATE OF ANALYSIS

WHI13000326R.1

Method	Analyte	Unit	MDL	FA430 Au ppm 0.005
2315912	Drill Core			0.010
2315913	Drill Core			<0.005
2315914	Drill Core			<0.005
2315915	Drill Core			0.005
2315916	Drill Core			<0.005
2315917	Drill Core			<0.005
2315918	Drill Core			<0.005
2315919	Drill Core			<0.005
2315920	Drill Core			<0.005
2315921	Drill Core			<0.005
2315922	Drill Core			<0.005
2315923	Drill Core			<0.005
2315924	Drill Core			<0.005
2315925	Drill Core			<0.005
2315926	Drill Core			<0.005
2315927	Drill Core			<0.005
2315928	Drill Core			<0.005
2315929	Drill Core			<0.005
2315930	Rock Pulp			2.032
2315931	Rock			<0.005
2315932	Drill Core			<0.005
2315933	Drill Core			<0.005
2315934	Drill Core			<0.005
2315935	Drill Core			<0.005
2315936	Drill Core			<0.005
2315937	Drill Core			<0.005
2315938	Drill Core			<0.005
2315939	Drill Core			<0.005
2315940	Drill Core			<0.005
2315941	Drill Core			<0.005



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Client: **Teck Resources Limited**

Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800

Report Date: April 15, 2014

Page: 3 of 3

Part: 1 of 1

CERTIFICATE OF ANALYSIS

WHI13000326R.1

	Method	FA430
	Analyte	Au
	Unit	ppm
	MDL	0.005
2315942	Drill Core	<0.005
2315943	Drill Core	<0.005
2315944	Drill Core	<0.005
2315945	Drill Core	<0.005
2315946	Drill Core	<0.005
2315947	Drill Core	<0.005
2315948	Drill Core	<0.005
2315949	Drill Core	<0.005

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 210800
Report Date: April 15, 2014

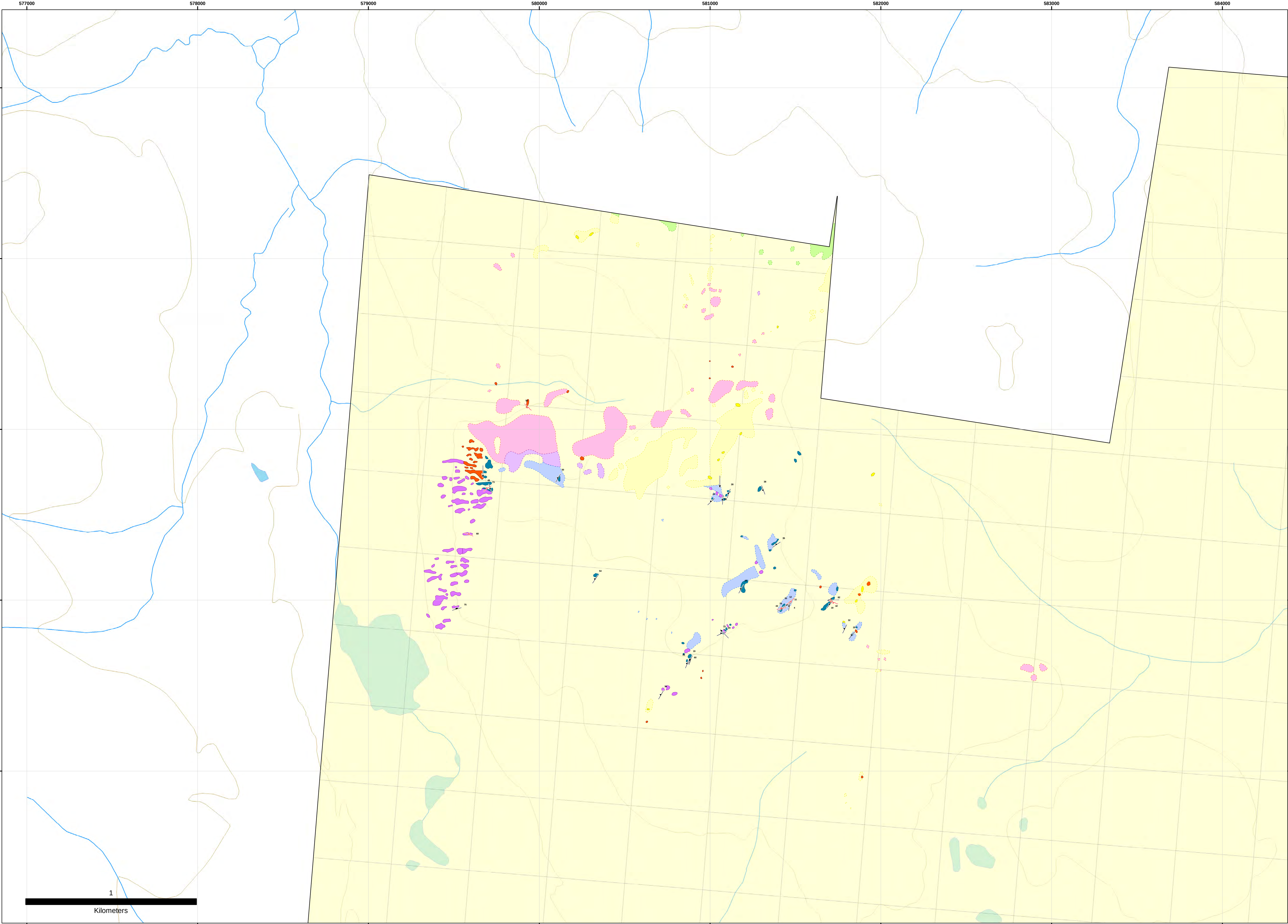
Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT

WHI13000326R.1

Method		FA430
Analyte		Au
Unit		ppm
MDL		0.005
Pulp Duplicates		
2315930	Rock Pulp	2.032
REP 2315930	QC	1.960
2315949	Drill Core	<0.005
REP 2315949	QC	<0.005
Reference Materials		
STD OXC109	Standard	0.201
STD OXI96	Standard	1.868
STD OXL93	Standard	5.825
STD OXC109 Expected		0.201
STD OXI96 Expected		1.802
STD OXL93 Expected		5.841
BLK	Blank	<0.005
BLK	Blank	0.005



Structure1:10,000

Bedding

Dyke

Vein

Contact

Fault/Shear

Fold axis

Foliation

Fracture; Shear fracture

Joint

Mineral lineation

Geology

Donjek Volcanics

Float

mafic to intermediate volcanic rocks

Breccia

Outcrop, Subcrop

heterolithic breccia with milled meta-volcanic and diorite clasts

Float

Nisling Range Granodiorite

Outcrop, Subcrop

medium- to coarse-grained, unfoliated to weakly foliated, biotite +/- hornblende granodiorite

Float

Diorite

Outcrop, Subcrop

Fine- to medium-grained diorite

Float

Porphyritic Rocks

Outcrop, Subcrop

Float

Finlayson Assemblage

Outcrop, Subcrop

schist, augen gneiss, and amphibolite

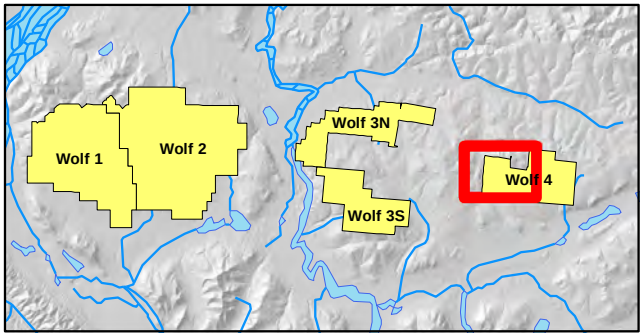
Float

Wolf Claims

Rivers

Lakes

500 Ft Contour Intervals



Teck

Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada

North Arrow

Wolf 4 Claims
Whitehorse Mining District
Property Geology

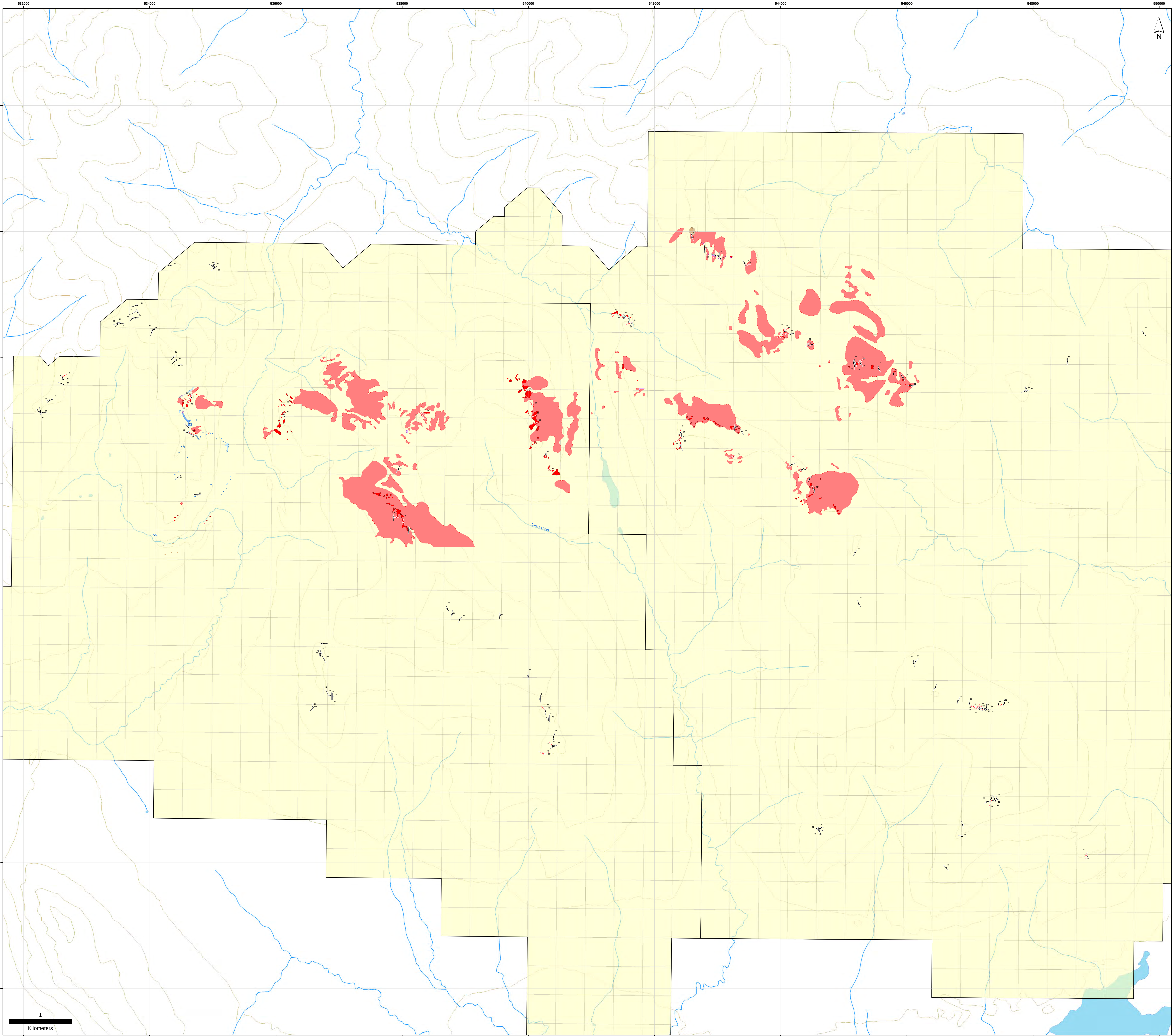
DATUM: NAD83
DATE: June 2014

PROJECTION: UTM Zone 7N

DRAWN BY: A. Hansen

Figure

6



Legend

1:20,000

Structure

- Bedding
- Dyke
- Vein
- Contact
- Fault/Shear
- Fold axis
- Foliation
- Fracture; Shear fracture
- Joint
- Mineral lineation

Geology

Nisling Range Granodiorite

medium- to coarse-grained, unfoliated to weakly foliated, biotite +/- hornblende granodiorite

- Outcrop, Subcrop
- Float

Nisling Range Diorite

Fine- to medium-grained hornblende-biotite diorite

- Outcrop, Subcrop
- Float

Porphyritic Rocks

- Outcrop, Subcrop
- Float

Slide Mountain Assemblage

diabase, gabbro and ultramafic rock

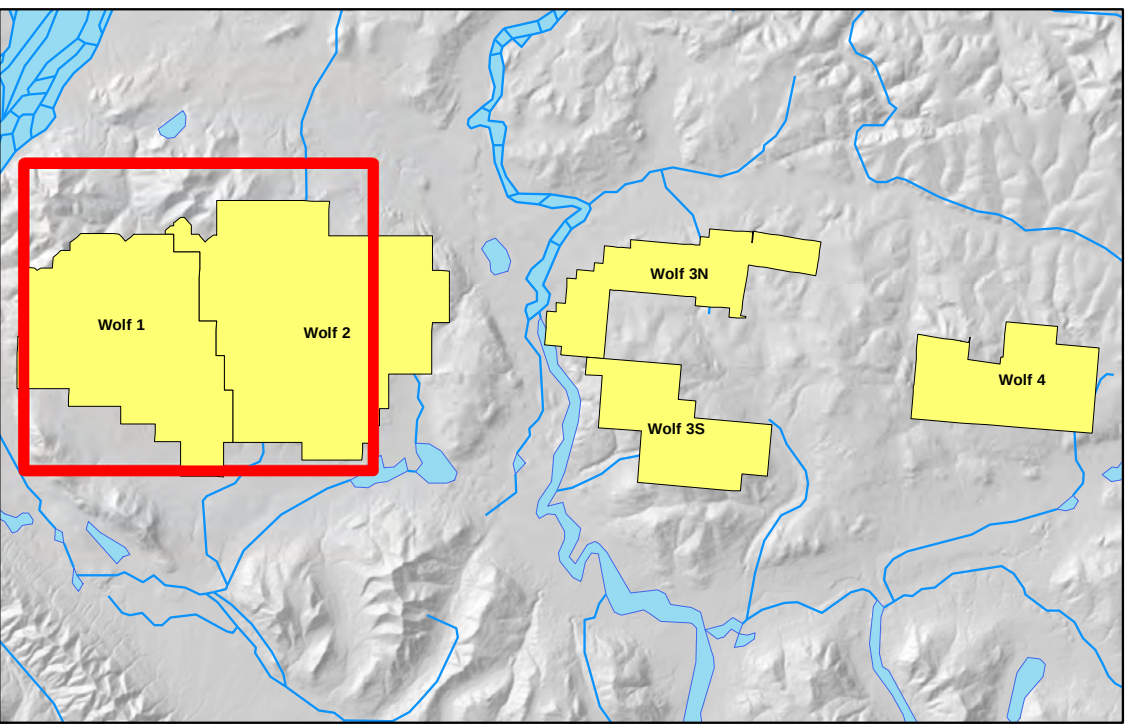
- Outcrop, Subcrop
- Float

Snowcap Assemblage

micaceous schist and quartzite

- Outcrop, Subcrop
- Float

- Wolf Claims
- Rivers
- Lakes
- 500 Ft Contour Intervals



Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada

Wolf 1 & 2 Claims
Whitehorse Mining District / Yukon Territory

Property Geology

DATUM: NAD83	PROJECTION: UTM Zone 7N	Figure
DATE: June 2014	DRAWN BY: A. Hansen	7